

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076222.D
 Acq On : 12 Jan 2023 11:51
 Operator : JC\MD
 Sample : VN0112WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

Quant Time: Jan 13 01:55:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	332311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	476448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	177233	49.024	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.040%
35) Dibromofluoromethane	8.171	113	162791	49.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.571	98	572657	46.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.853	95	200507	49.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	55175	23.384	ug/l	97
3) Chloromethane	2.371	50	55438	18.895	ug/l	98
4) Vinyl Chloride	2.530	62	67076	19.165	ug/l	99
5) Bromomethane	2.948	94	55963	18.815	ug/l	93
6) Chloroethane	3.124	64	51209	19.758	ug/l	98
7) Trichlorofluoromethane	3.506	101	108128	20.361	ug/l	93
8) Diethyl Ether	3.977	74	36650	18.895	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	58477	19.283	ug/l	100
10) Methyl Iodide	4.600	142	88382	17.959	ug/l	99
11) Tert butyl alcohol	5.541	59	49941	97.627	ug/l	100
12) 1,1-Dichloroethene	4.347	96	52873	17.952	ug/l	94
13) Acrolein	4.189	56	66039	105.301	ug/l	99
14) Allyl chloride	5.024	41	69057	20.057	ug/l	99
15) Acrylonitrile	5.730	53	128705	92.196	ug/l	97
16) Acetone	4.442	43	107190	86.011	ug/l	97
17) Carbon Disulfide	4.724	76	111606	15.651	ug/l	100
18) Methyl Acetate	5.036	43	75150	20.400	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	197557	20.369	ug/l	98
20) Methylene Chloride	5.289	84	63418	18.621	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	56177	17.417	ug/l	94
22) Diisopropyl ether	6.683	45	161397	19.297	ug/l	99
23) Vinyl Acetate	6.618	43	520906	92.532	ug/l	99
24) 1,1-Dichloroethane	6.583	63	102954	18.457	ug/l	99
25) 2-Butanone	7.494	43	164584	94.319	ug/l	93
26) 2,2-Dichloropropane	7.500	77	86765	18.368	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	69722	18.074	ug/l	97
28) Bromochloromethane	7.824	49	46771	19.131	ug/l	100
29) Tetrahydrofuran	7.847	42	105915	96.857	ug/l	99
30) Chloroform	7.971	83	114189	18.182	ug/l	99
31) Cyclohexane	8.265	56	92138	17.795	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	101926	18.306	ug/l	97
36) 1,1-Dichloropropene	8.377	75	80606	18.520	ug/l	99
37) Ethyl Acetate	7.571	43	68832	19.688	ug/l	99
38) Carbon Tetrachloride	8.365	117	89060	18.282	ug/l	98
39) Methylcyclohexane	9.606	83	100619	19.162	ug/l	95
40) Benzene	8.612	78	247961	18.465	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	35342	19.448	ug/l	96
42) 1,2-Dichloroethane	8.677	62	86700	19.420	ug/l	100
43) Isopropyl Acetate	8.694	43	114868	19.918	ug/l	99
44) Trichloroethene	9.359	130	66861	17.673	ug/l	91
45) 1,2-Dichloropropane	9.624	63	59439	18.189	ug/l	99
46) Dibromomethane	9.712	93	46275	19.092	ug/l	100
47) Bromodichloromethane	9.894	83	88321	18.582	ug/l	99
48) Methyl methacrylate	9.682	41	51026	19.645	ug/l	97
49) 1,4-Dioxane	9.700	88	26072	408.292	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	343088	98.372	ug/l	99
52) Toluene	10.635	92	161740	18.493	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	86499	18.591	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	97824	19.149	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65955	19.213	ug/l	98
56) Ethyl methacrylate	10.876	69	90271	19.798	ug/l	97
57) 1,3-Dichloropropane	11.165	76	108159	19.208	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	131014	90.248	ug/l	99
59) 2-Hexanone	11.200	43	246531	96.928	ug/l	99
60) Dibromochloromethane	11.359	129	70176	18.382	ug/l	99
61) 1,2-Dibromoethane	11.470	107	67835	19.527	ug/l	98
64) Tetrachloroethene	11.106	164	70302	20.969	ug/l	99
65) Chlorobenzene	11.894	112	177208	18.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	66755	18.430	ug/l	100
67) Ethyl Benzene	11.965	91	306299	18.559	ug/l	99
68) m/p-Xylenes	12.070	106	247352	37.865	ug/l	99
69) o-Xylene	12.400	106	120993	18.716	ug/l	100
70) Styrene	12.412	104	197009	19.167	ug/l	99
71) Bromoform	12.582	173	48990	18.587	ug/l #	100
73) Isopropylbenzene	12.700	105	315050	19.292	ug/l	99
74) N-amyl acetate	12.494	43	91573	19.114	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	92193	18.261	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	89451m	19.636	ug/l	
77) Bromobenzene	12.982	156	76775	18.576	ug/l	98
78) n-propylbenzene	13.041	91	350218	19.443	ug/l	100
79) 2-Chlorotoluene	13.129	91	213314	18.972	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	265366	19.415	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23889	18.876	ug/l #	87
82) 4-Chlorotoluene	13.129	91	213314	18.972	ug/l	99
83) tert-Butylbenzene	13.441	119	242394	20.114	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	265452	19.577	ug/l	99
85) sec-Butylbenzene	13.617	105	321706	19.341	ug/l	99
86) p-Isopropyltoluene	13.735	119	274833	19.858	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	140418	18.393	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	141860	18.189	ug/l	99
89) n-Butylbenzene	14.059	91	209541	18.688	ug/l	99
90) Hexachloroethane	14.341	117	45591	18.415	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	142115	18.899	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15918	17.769	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	68585	18.422	ug/l	100
94) Hexachlorobutadiene	15.500	225	37835	18.627	ug/l	99
95) Naphthalene	15.647	128	199036	17.656	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66368	19.073	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

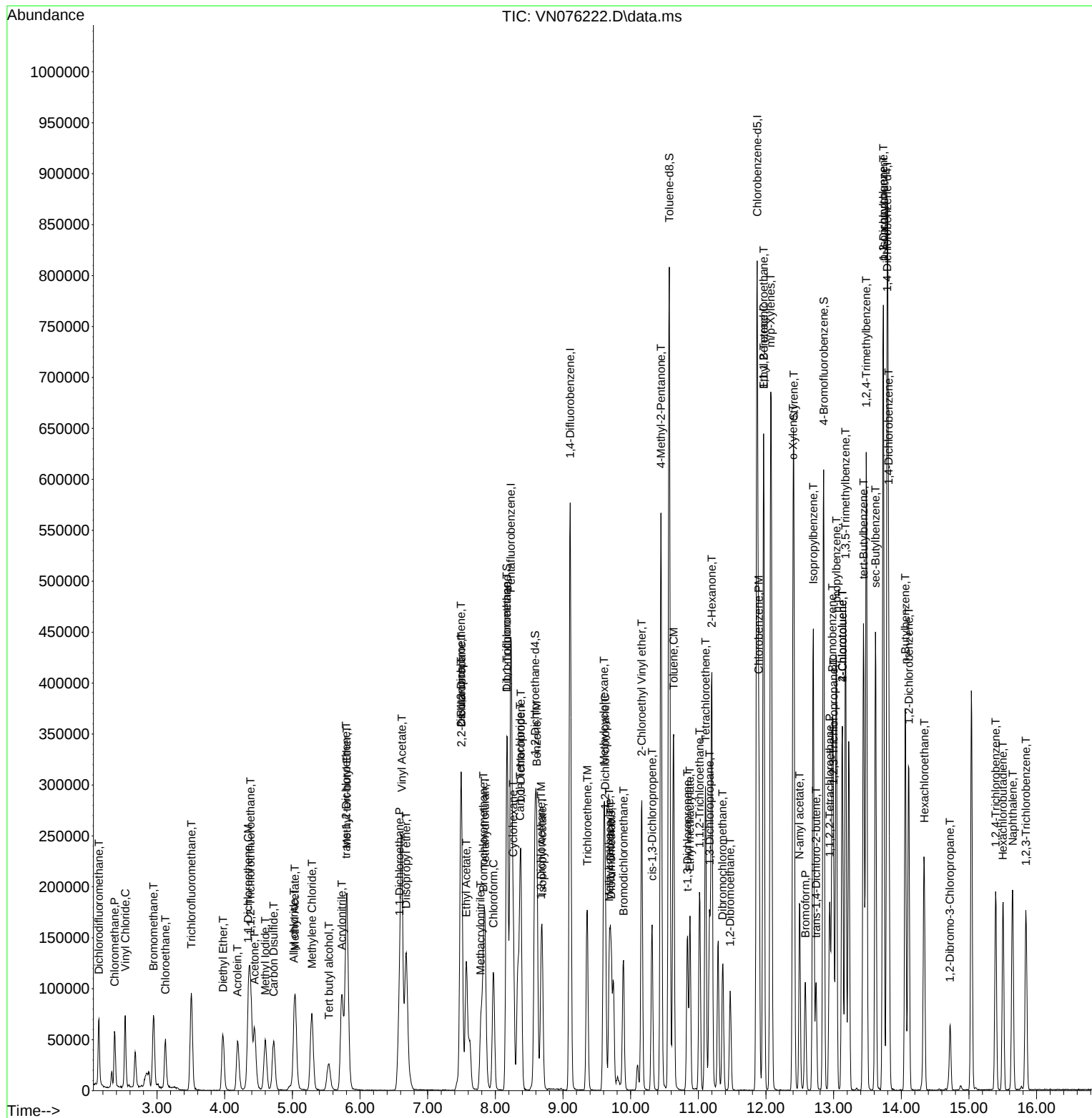
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
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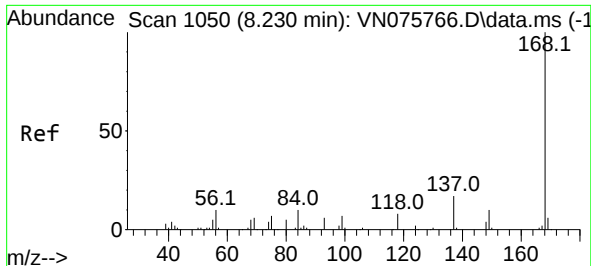
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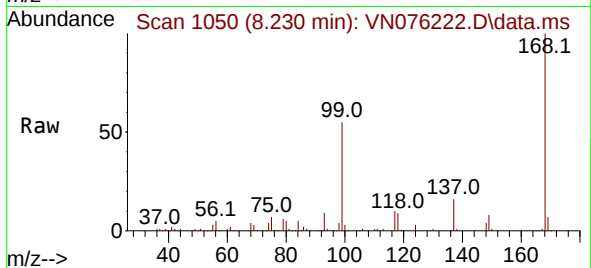
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

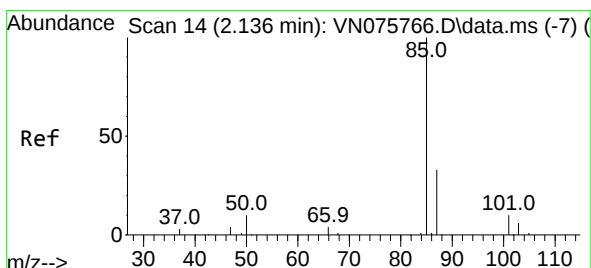
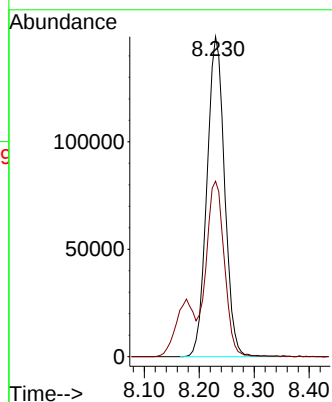
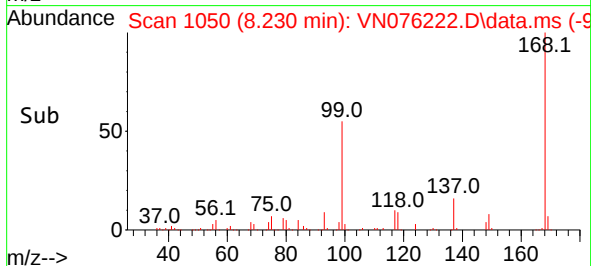
Instrument :
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Tgt Ion:168 Resp: 33231
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4

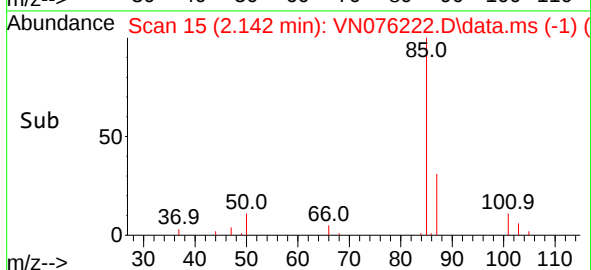
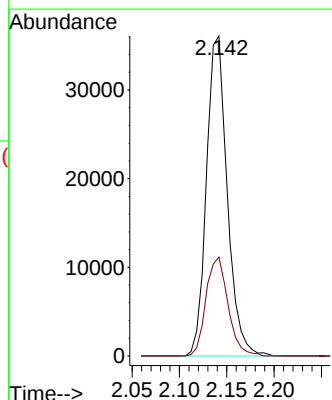
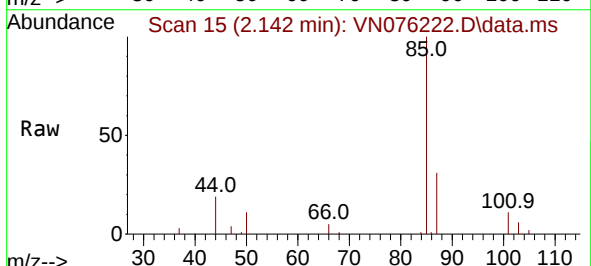
Manual Integrations
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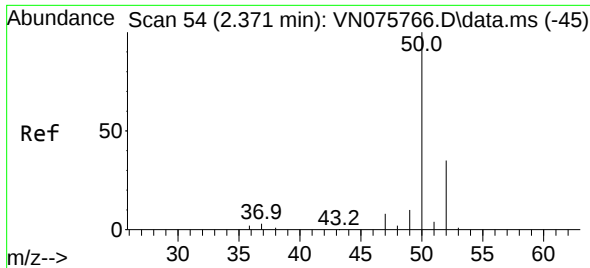
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#2
Dichlorodifluoromethane
Concen: 23.384 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076222.D
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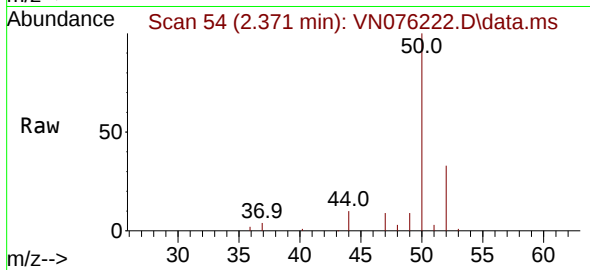
Tgt Ion: 85 Resp: 55175
Ion Ratio Lower Upper
85 100
87 30.9 16.3 48.9





#3
Chloromethane
Concen: 18.895 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

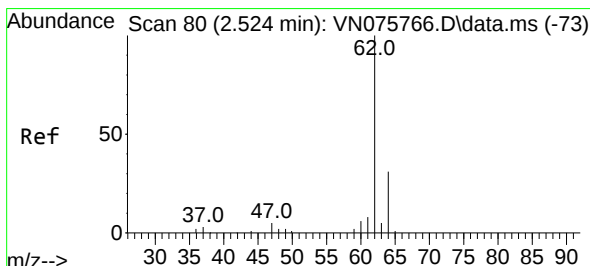
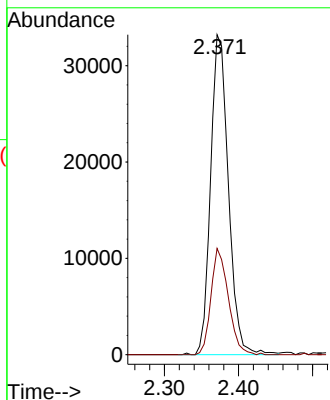
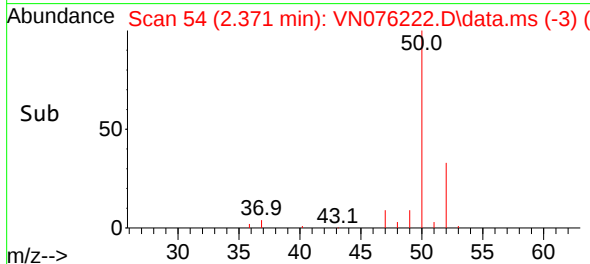
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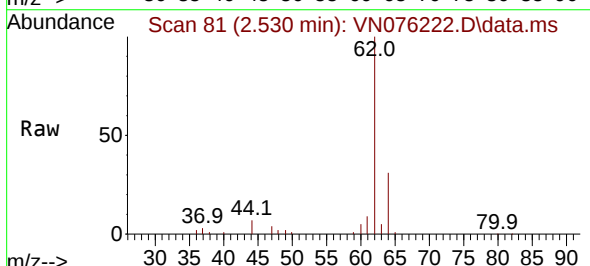
Tgt Ion: 50 Resp: 55438
Ion Ratio Lower Upper
50 100
52 33.2 27.7 41.5

Manual Integrations
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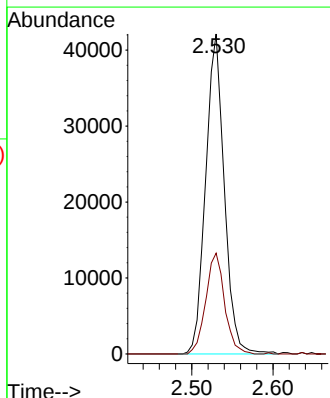
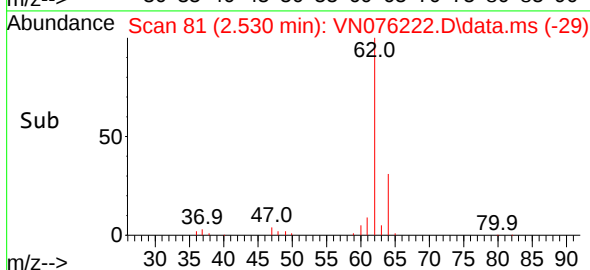
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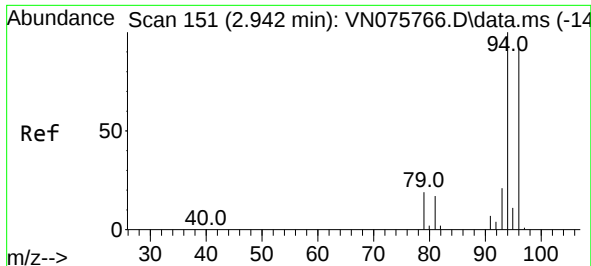


#4
Vinyl Chloride
Concen: 19.165 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 62 Resp: 67076
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





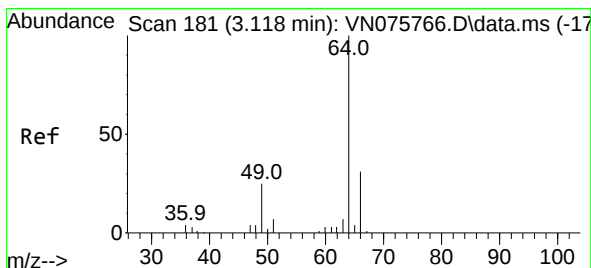
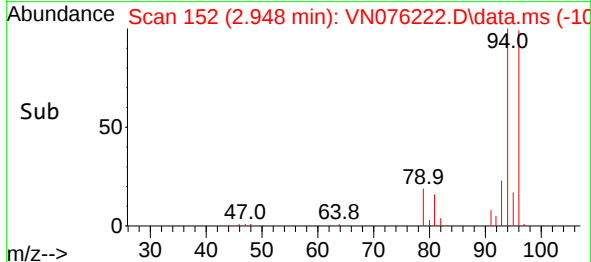
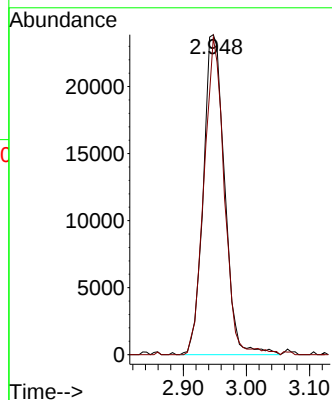
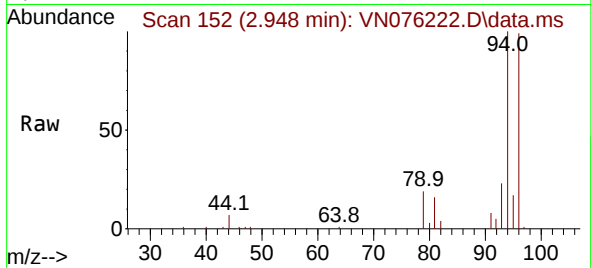
#5
Bromomethane
Concen: 18.815 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN076222.D
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Instrument :
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Tgt Ion: 94 Resp: 5596
Ion Ratio Lower Upper
94 100
96 99.1 73.8 110.6

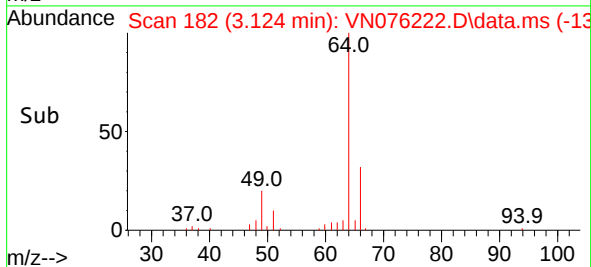
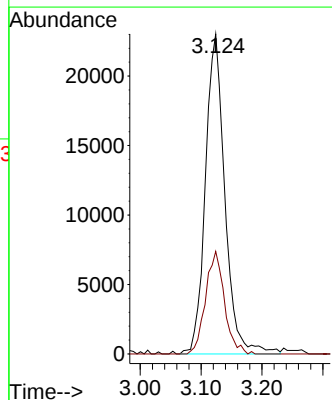
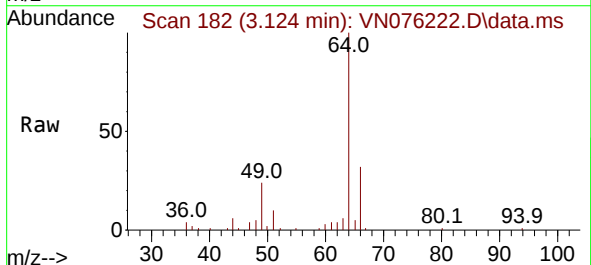
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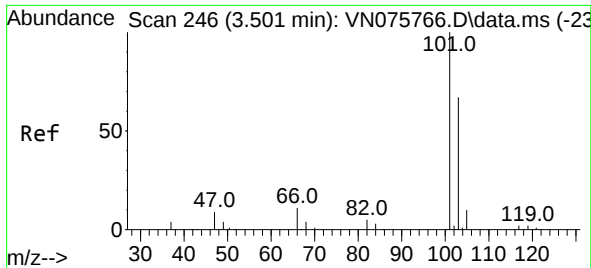
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#6
Chloroethane
Concen: 19.758 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

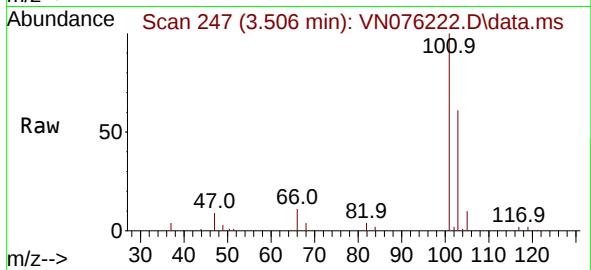
Tgt Ion: 64 Resp: 51209
Ion Ratio Lower Upper
64 100
66 32.0 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.361 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076222.D
 Acq: 12 Jan 2023 11:51

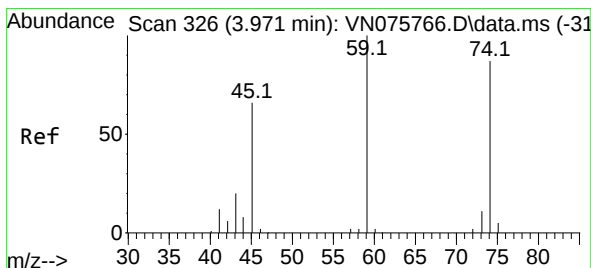
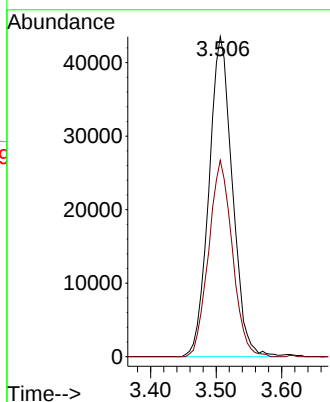
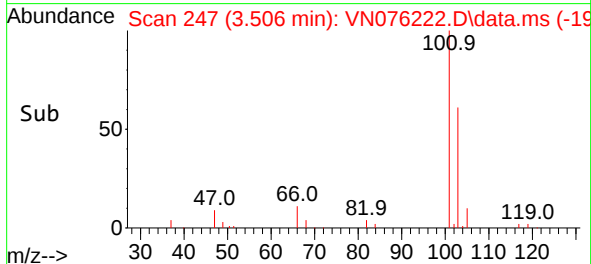
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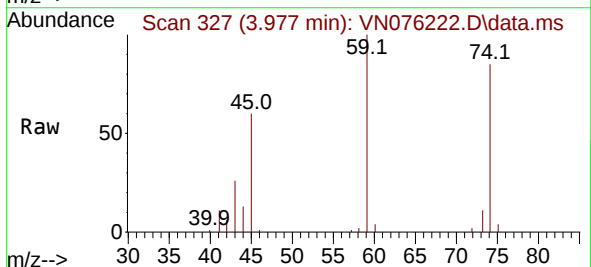
Tgt Ion:101 Resp: 108128
 Ion Ratio Lower Upper
 101 100
 103 61.4 53.4 80.2

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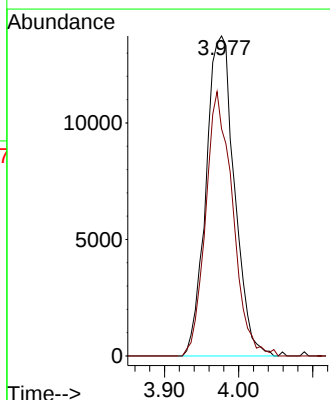
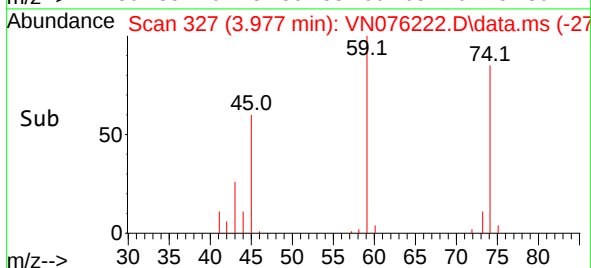
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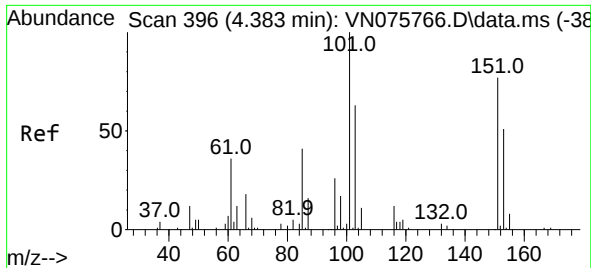


#8
 Diethyl Ether
 Concen: 18.895 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076222.D
 Acq: 12 Jan 2023 11:51



Tgt Ion: 74 Resp: 36650
 Ion Ratio Lower Upper
 74 100
 45 78.4 37.8 113.4





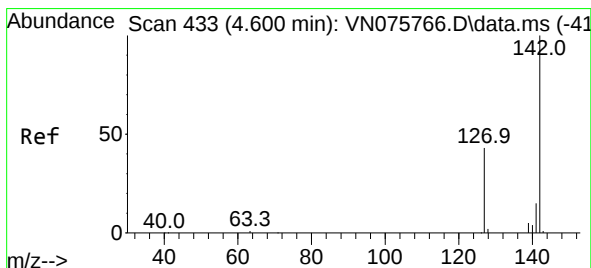
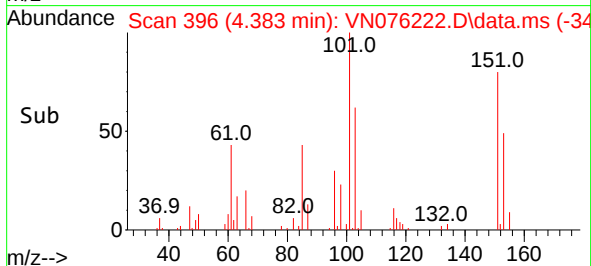
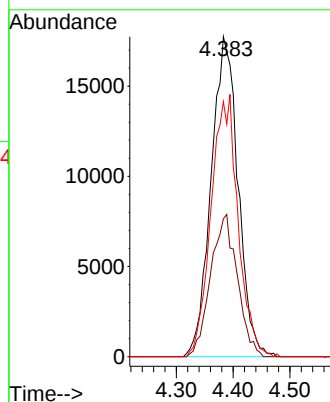
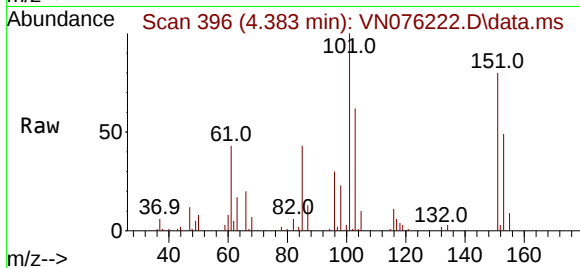
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.283 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion:101 Resp: 5847
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 81.7 65.6 98.4

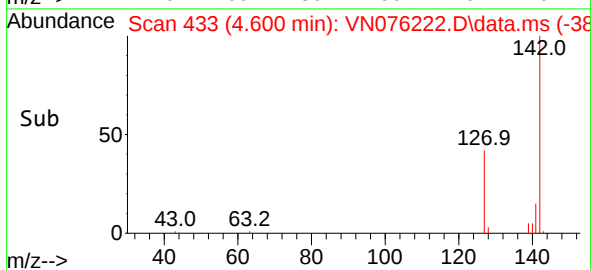
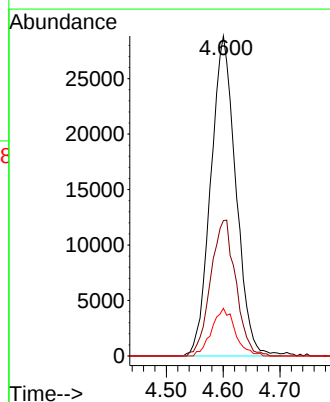
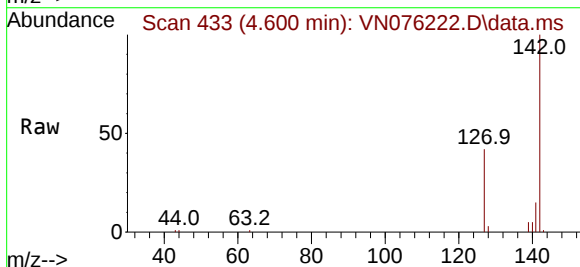
Manual Integrations
APPROVED

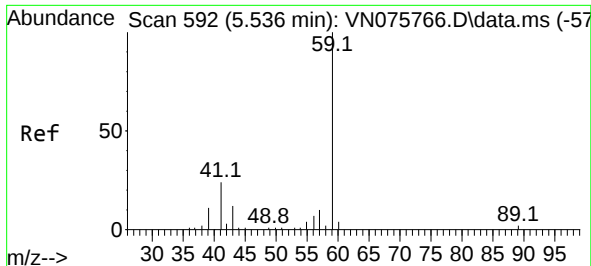
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#10
Methyl Iodide
Concen: 17.959 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Tgt Ion:142 Resp: 88382
Ion Ratio Lower Upper
142 100
127 42.7 34.7 52.1
141 14.0 11.4 17.2





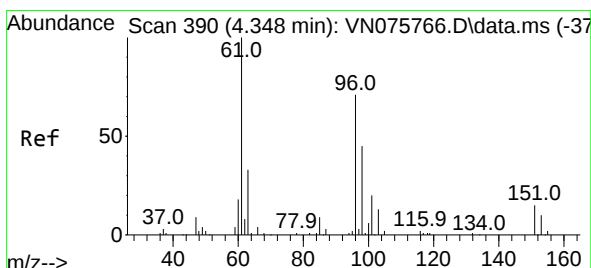
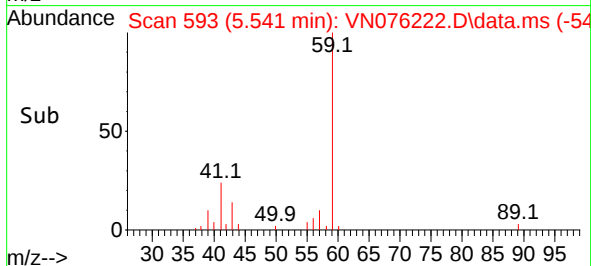
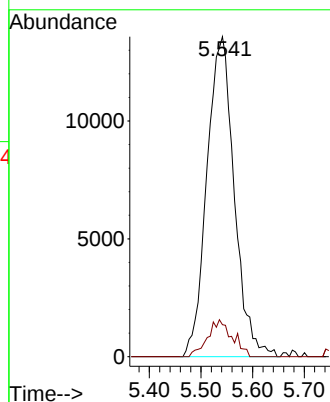
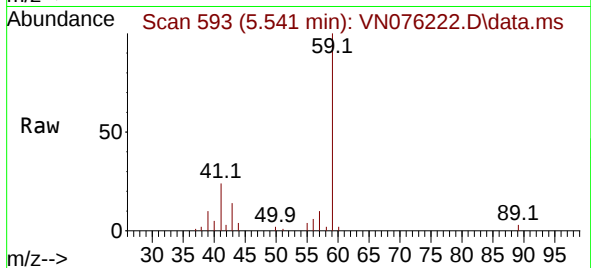
#11
Tert butyl alcohol
Concen: 97.627 ug/l
RT: 5.541 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 59 Resp: 4994
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

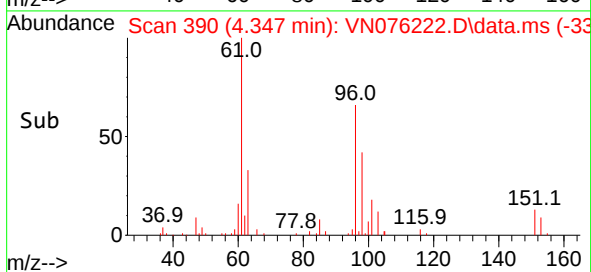
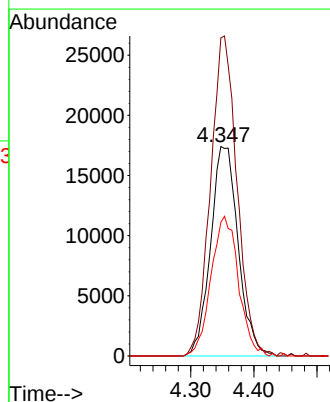
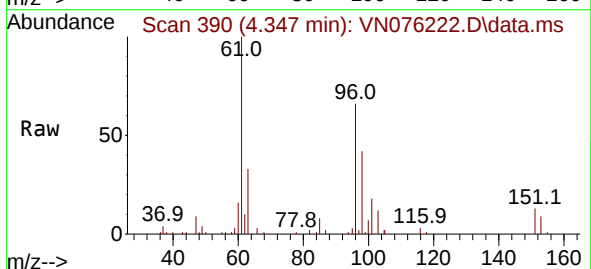
Manual Integrations
APPROVED

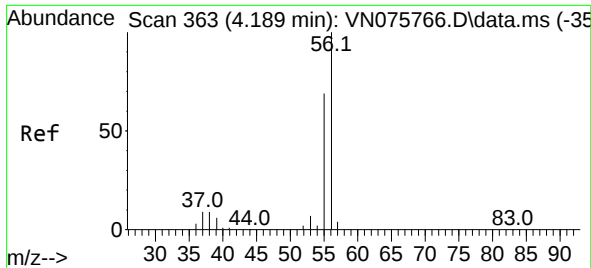
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#12
1,1-Dichloroethene
Concen: 17.952 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

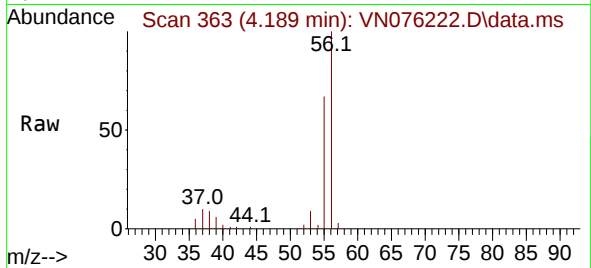
Tgt Ion: 96 Resp: 52873
Ion Ratio Lower Upper
96 100
61 151.9 113.3 169.9
98 63.7 50.9 76.3





#13
Acrolein
Concen: 105.301 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

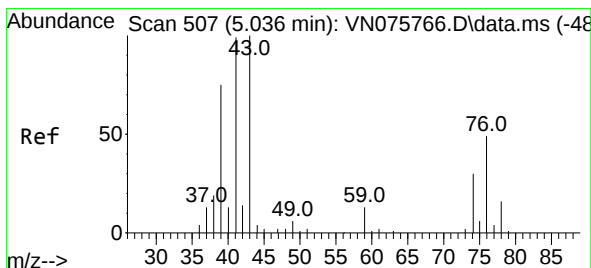
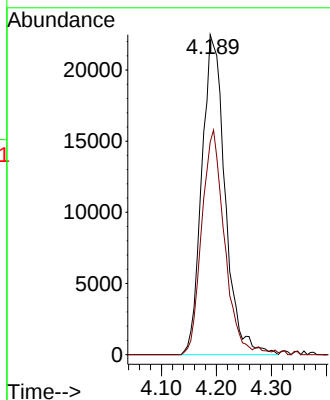
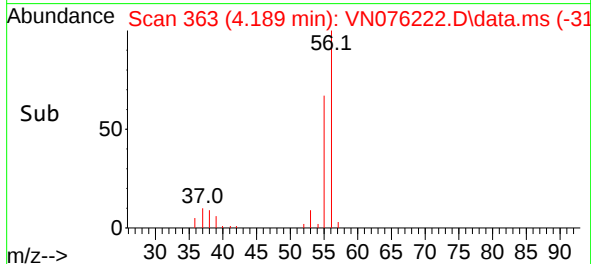
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



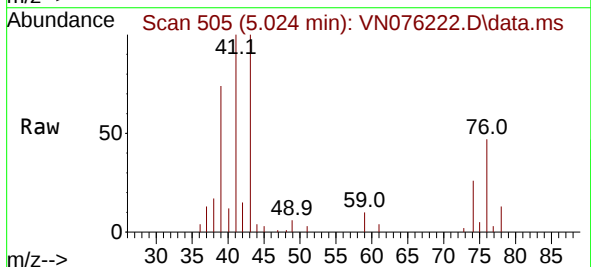
Tgt Ion: 56 Resp: 66039
Ion Ratio Lower Upper
56 100
55 67.9 54.8 82.2

Manual Integrations
APPROVED

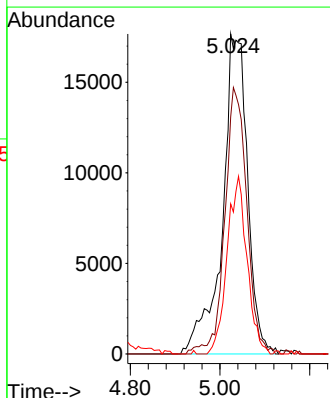
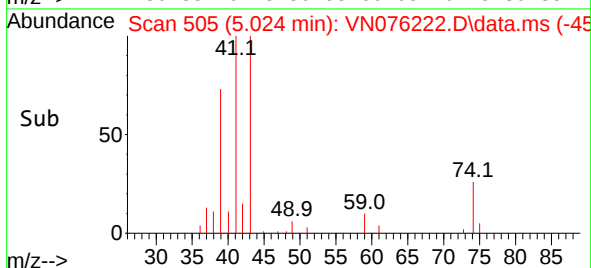
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

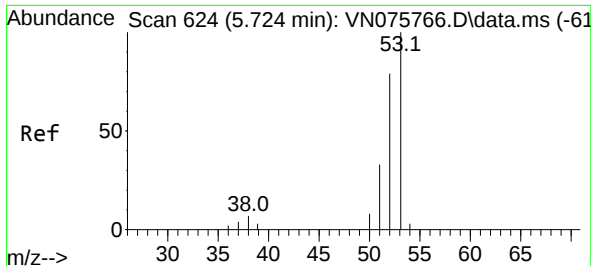


#14
Allyl chloride
Concen: 20.057 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.012 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



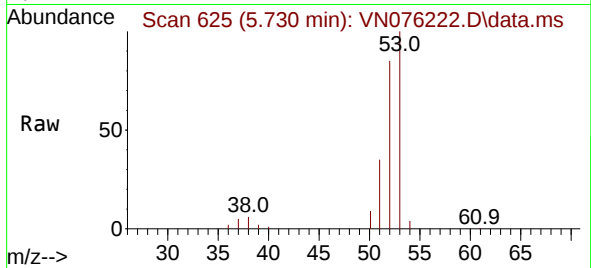
Tgt Ion: 41 Resp: 69057
Ion Ratio Lower Upper
41 100
39 72.6 58.3 87.5
76 43.9 35.8 53.6





#15
Acrylonitrile
Concen: 92.196 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

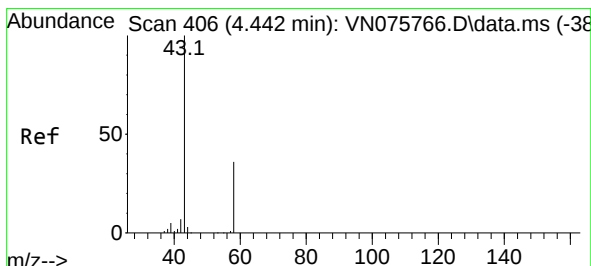
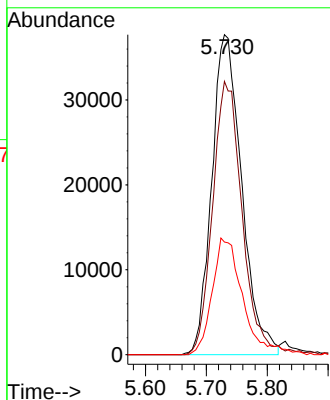
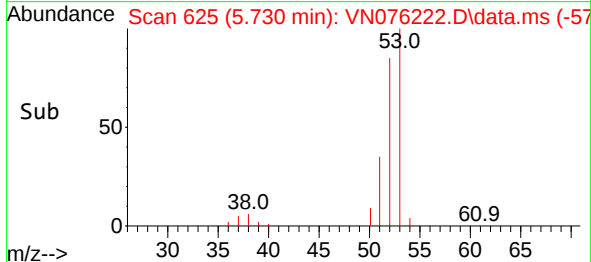
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 53 Resp: 12870
Ion Ratio Lower Upper
53 100
52 84.3 65.4 98.0
51 37.1 28.9 43.3

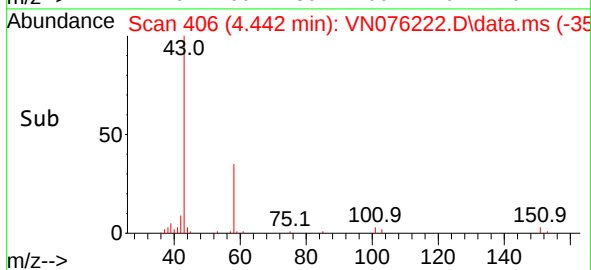
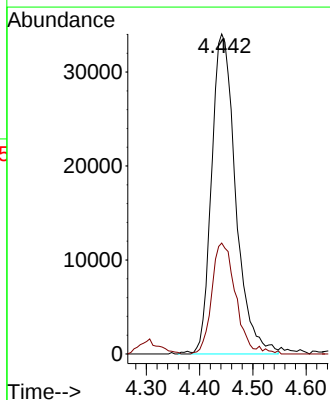
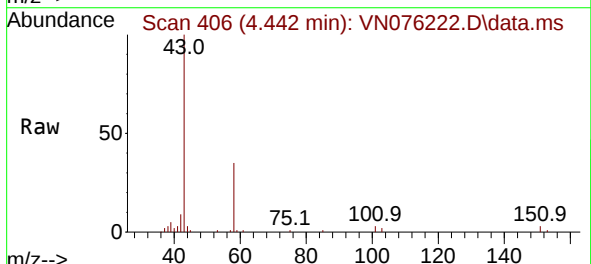
Manual Integrations
APPROVED

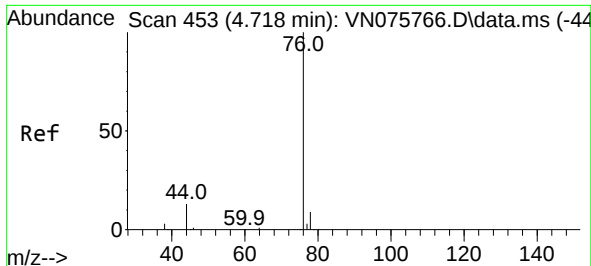
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#16
Acetone
Concen: 86.011 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

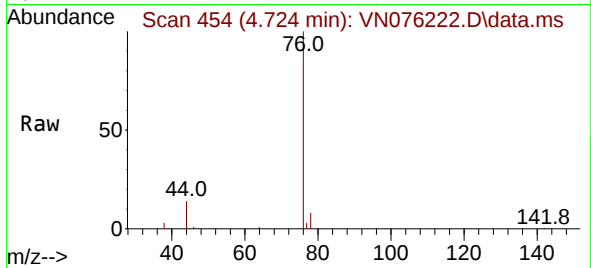
Tgt Ion: 43 Resp: 107190
Ion Ratio Lower Upper
43 100
58 34.2 28.6 43.0





#17
Carbon Disulfide
Concen: 15.651 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

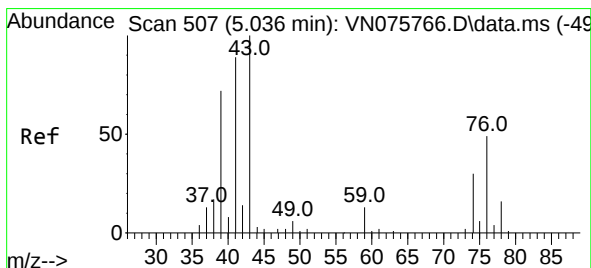
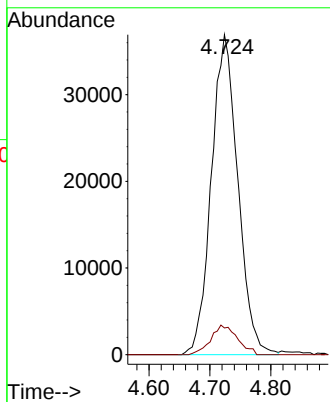
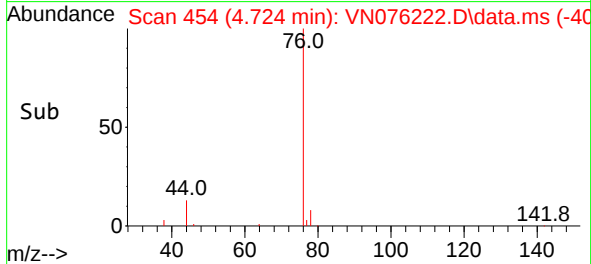
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 76 Resp: 111600
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

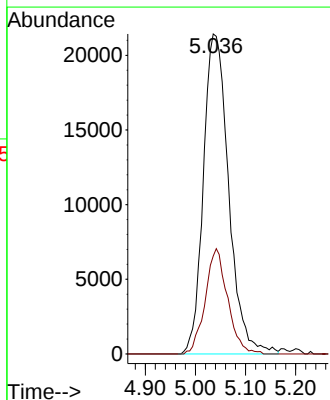
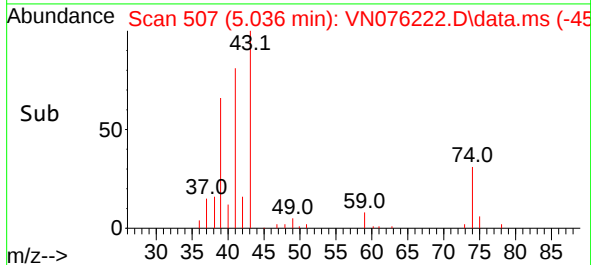
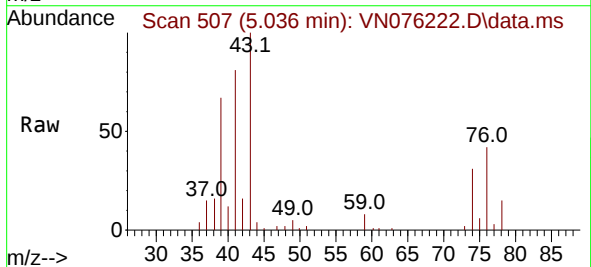
Manual Integrations
APPROVED

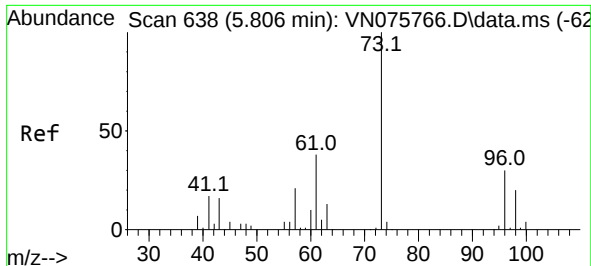
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#18
Methyl Acetate
Concen: 20.400 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Tgt Ion: 43 Resp: 75150
Ion Ratio Lower Upper
43 100
74 29.1 23.6 35.4





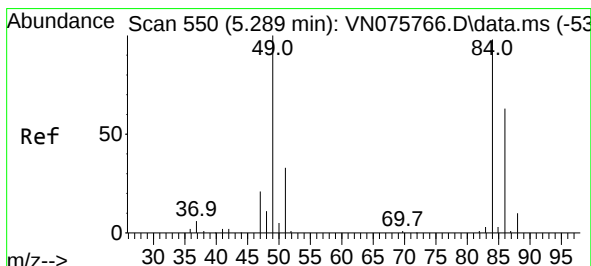
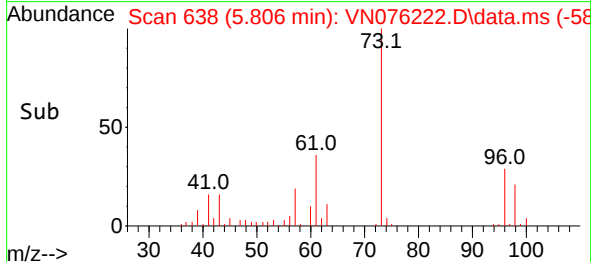
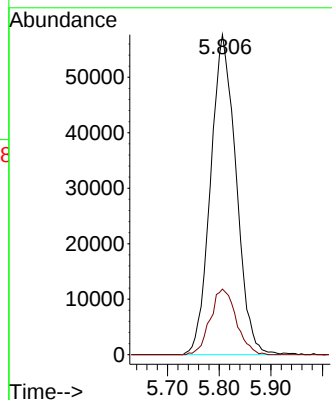
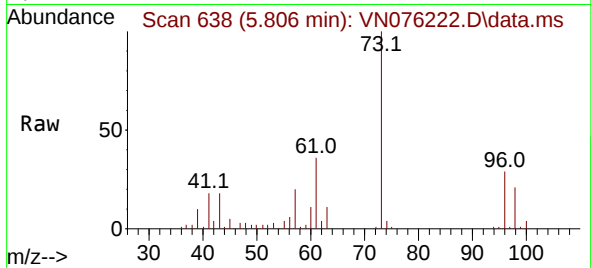
#19
Methyl tert-butyl Ether
Concen: 20.369 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 73 Resp: 19755
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7

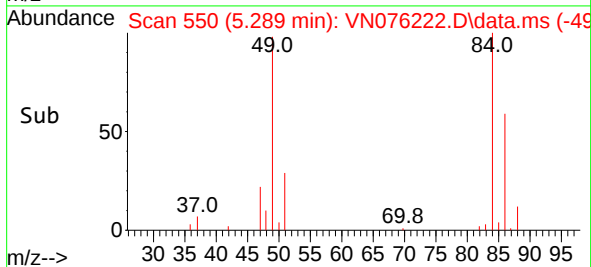
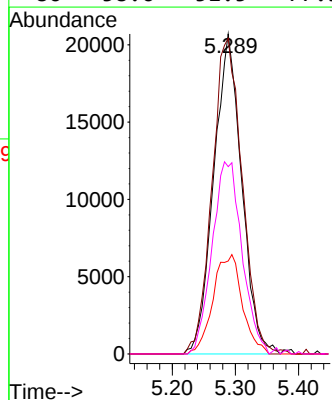
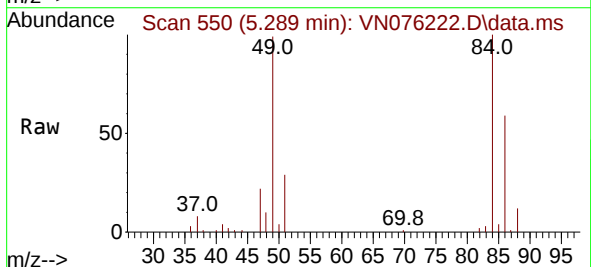
Manual Integrations
APPROVED

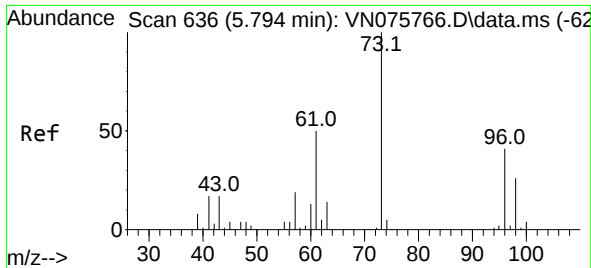
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#20
Methylene Chloride
Concen: 18.621 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Tgt Ion: 84 Resp: 63418
Ion Ratio Lower Upper
84 100
49 98.6 81.8 122.6
51 29.1 26.7 40.1
86 58.6 51.5 77.3





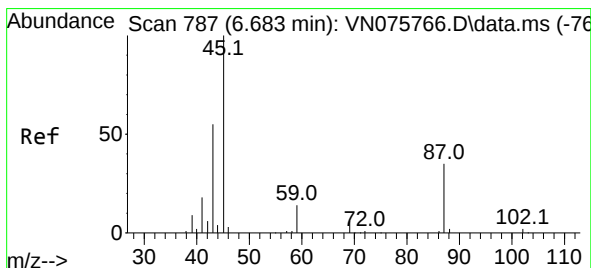
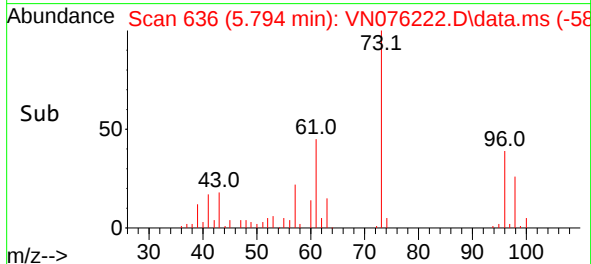
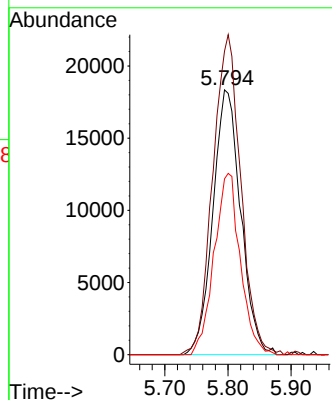
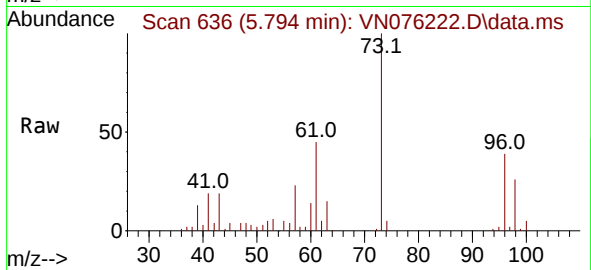
#21
trans-1,2-Dichloroethene
Concen: 17.417 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 96 Resp: 5617
Ion Ratio Lower Upper
96 100
61 114.7 98.1 147.1
98 66.4 51.4 77.2

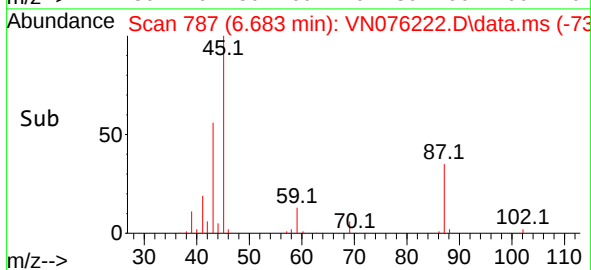
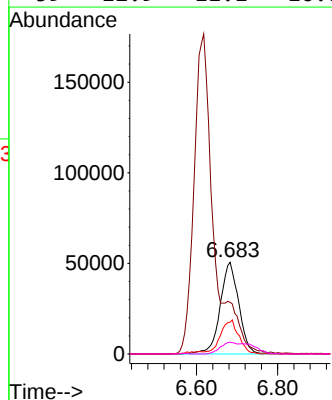
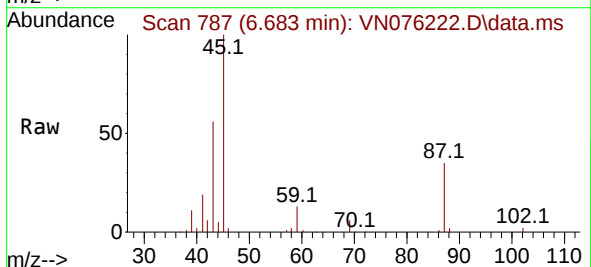
Manual Integrations
APPROVED

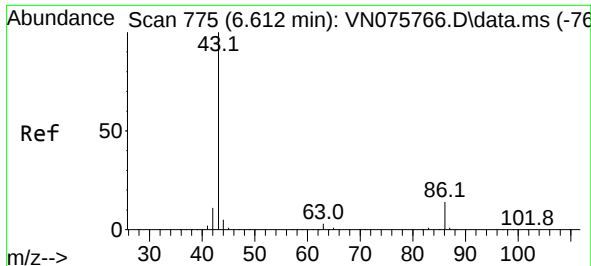
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#22
Diisopropyl ether
Concen: 19.297 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Tgt Ion: 45 Resp: 161397
Ion Ratio Lower Upper
45 100
43 55.3 44.2 66.4
87 34.6 28.3 42.5
59 12.9 11.1 16.7





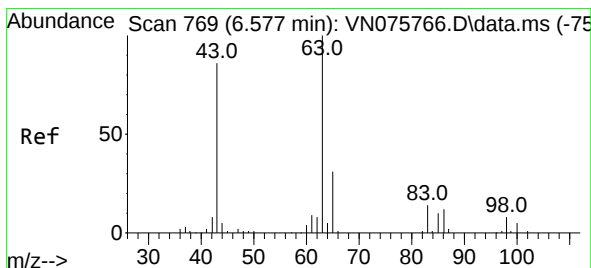
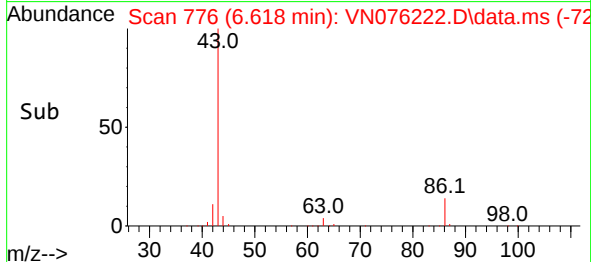
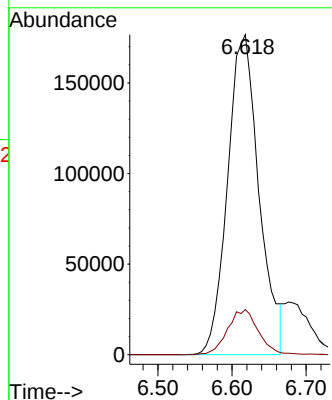
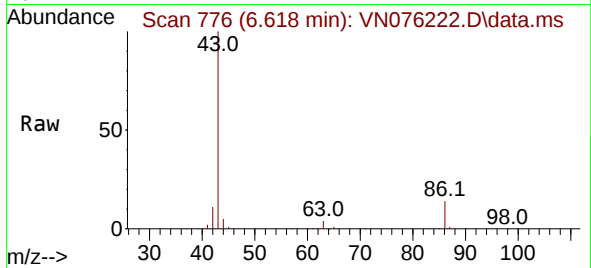
#23
 Vinyl Acetate
 Concen: 92.532 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN076222.D
 Acq: 12 Jan 2023 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01

Tgt Ion: 43 Resp: 520900
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2

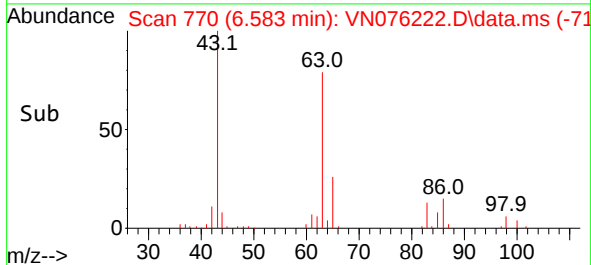
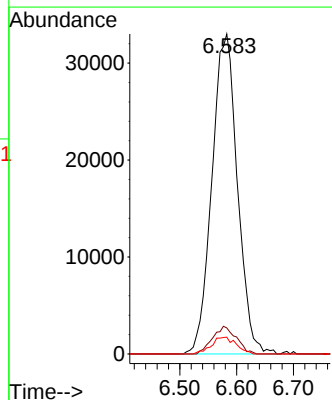
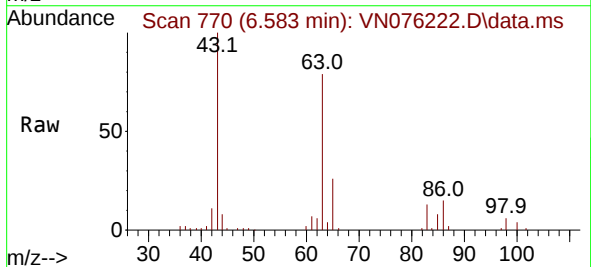
Manual Integrations
 APPROVED

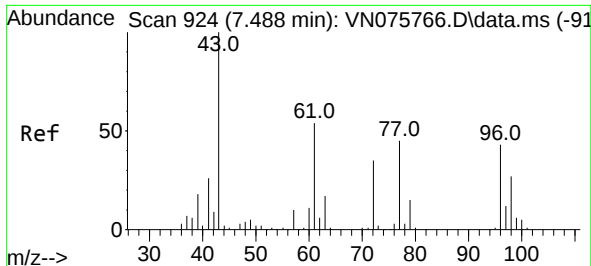
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#24
 1,1-Dichloroethane
 Concen: 18.457 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076222.D
 Acq: 12 Jan 2023 11:51

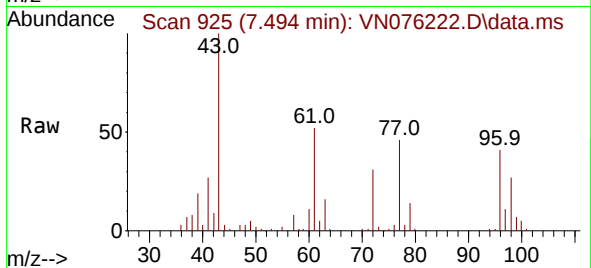
Tgt Ion: 63 Resp: 102954
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 5.3 2.5 7.6





#25
2-Butanone
Concen: 94.319 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

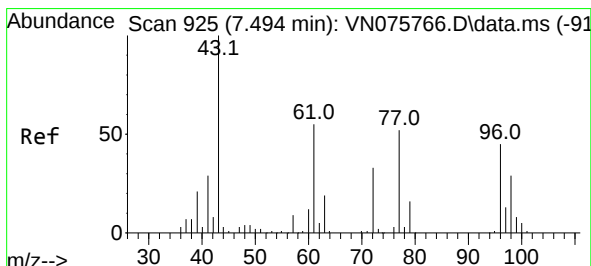
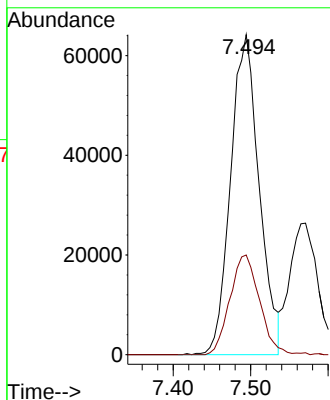
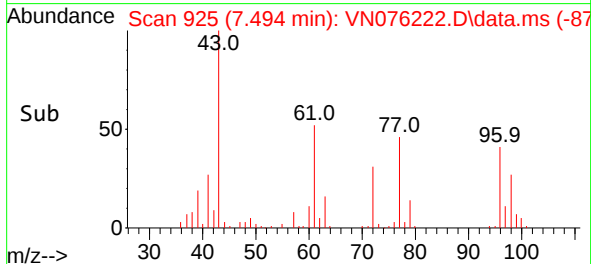
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 43 Resp: 164584
Ion Ratio Lower Upper
43 100
72 31.1 28.0 42.0

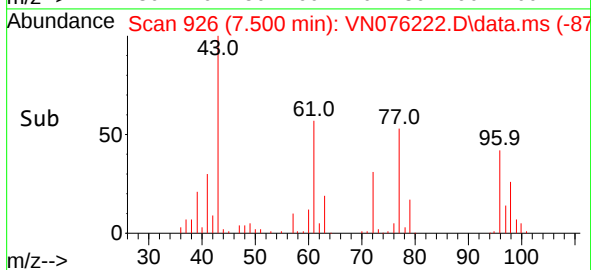
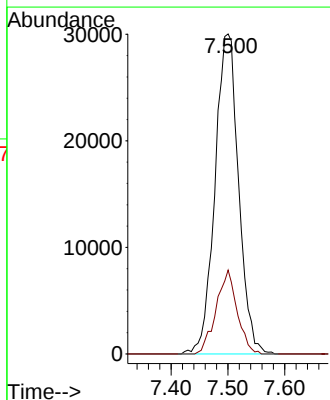
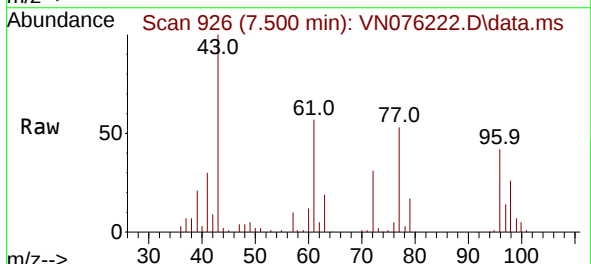
Manual Integrations
APPROVED

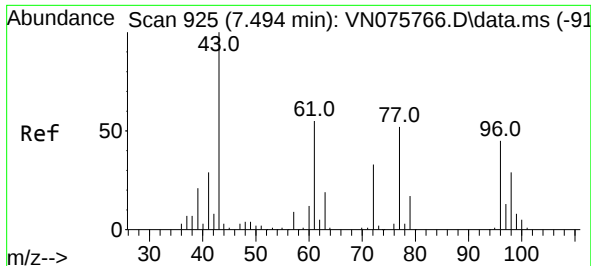
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#26
2,2-Dichloropropane
Concen: 18.368 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

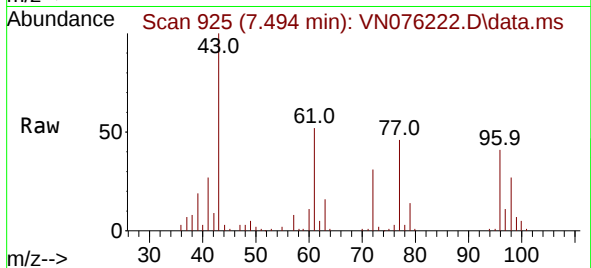
Tgt Ion: 77 Resp: 86765
Ion Ratio Lower Upper
77 100
97 23.3 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.074 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076222.D
 Acq: 12 Jan 2023 11:51

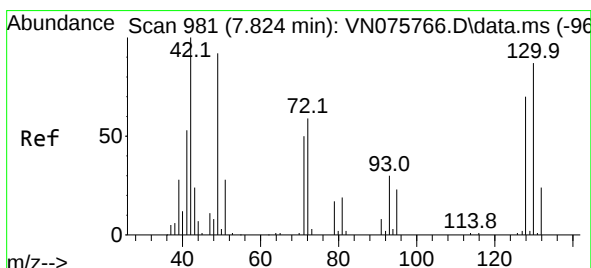
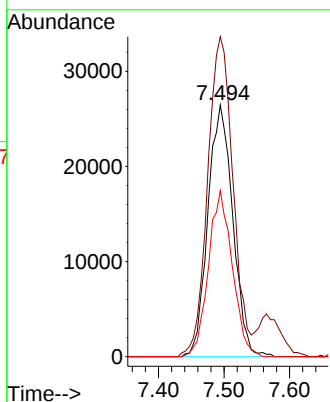
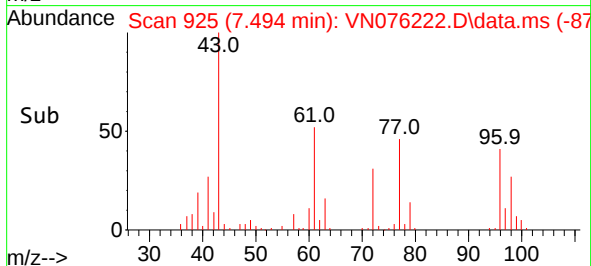
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01



Tgt Ion: 96 Resp: 6972
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 247.8
 98 63.3 0.0 128.4

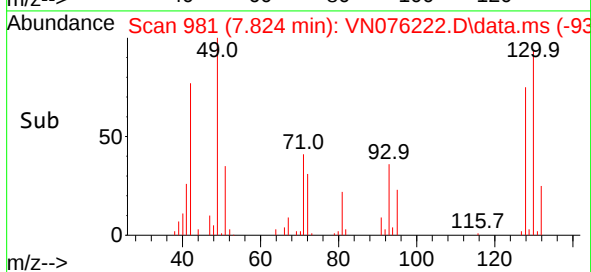
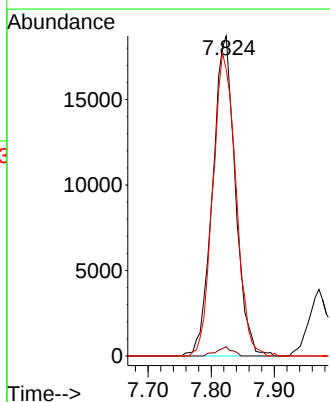
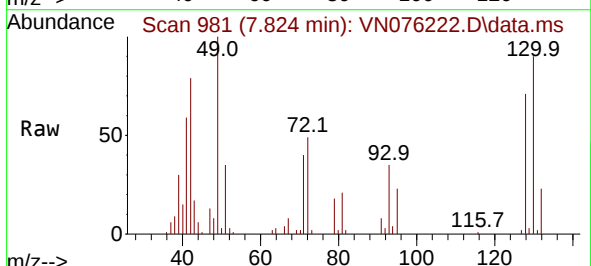
Manual Integrations
 APPROVED

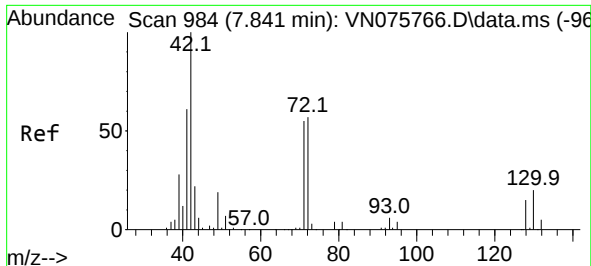
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#28
 Bromochloromethane
 Concen: 19.131 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076222.D
 Acq: 12 Jan 2023 11:51

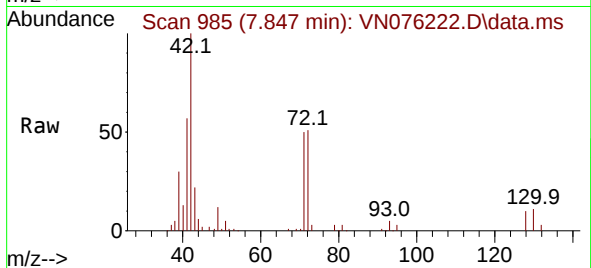
Tgt Ion: 49 Resp: 46771
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.0
 130 96.0 77.0 115.4





#29
Tetrahydrofuran
Concen: 96.857 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

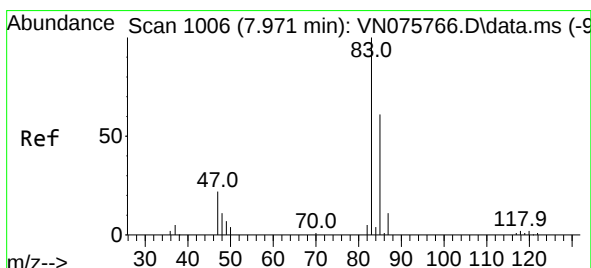
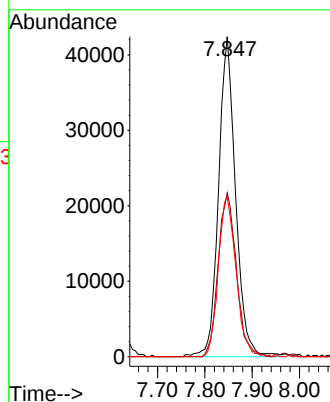
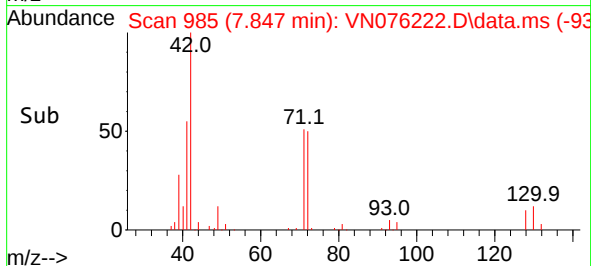
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



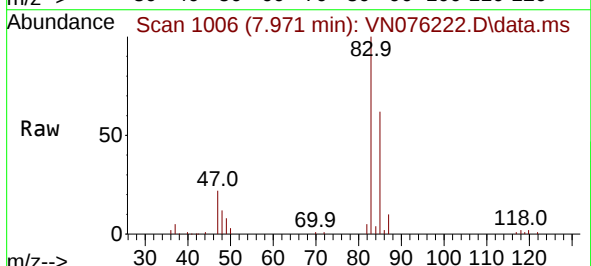
Tgt Ion: 42 Resp: 105915
Ion Ratio Lower Upper
42 100
72 54.5 44.5 66.7
71 52.1 41.0 61.6

Manual Integrations
APPROVED

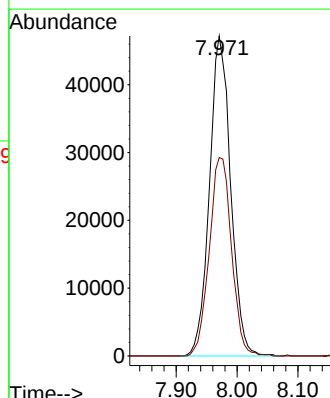
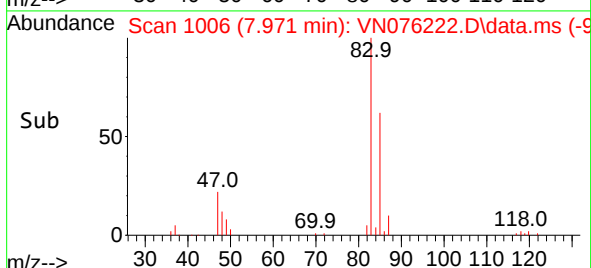
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

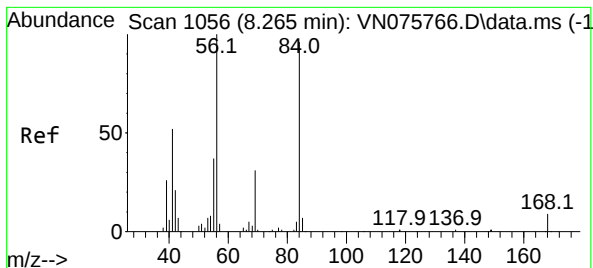


#30
Chloroform
Concen: 18.182 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 83 Resp: 114189
Ion Ratio Lower Upper
83 100
85 62.0 49.1 73.7





#31

Cyclohexane

Concen: 17.795 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 56 Resp: 92138

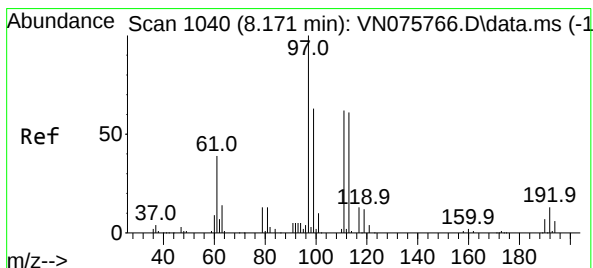
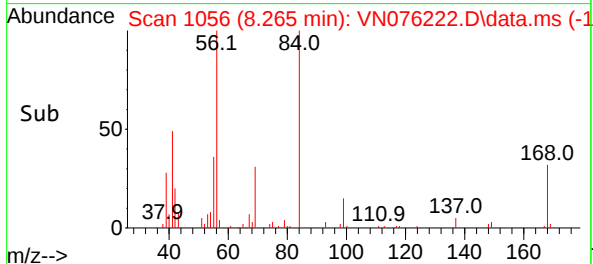
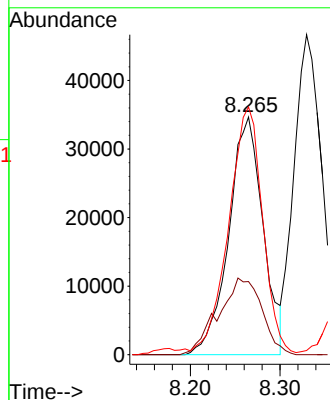
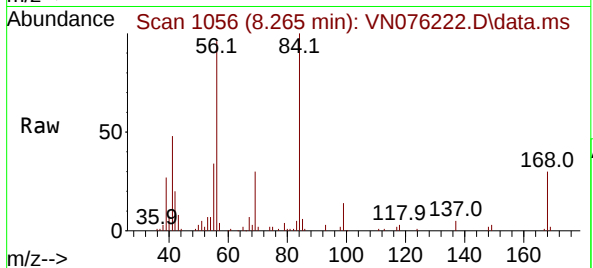
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.7	37.1
84	102.3	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#32

1,1,1-Trichloroethane

Concen: 18.306 ug/l

RT: 8.171 min Scan# 1040

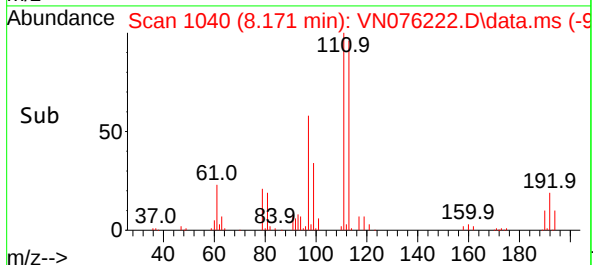
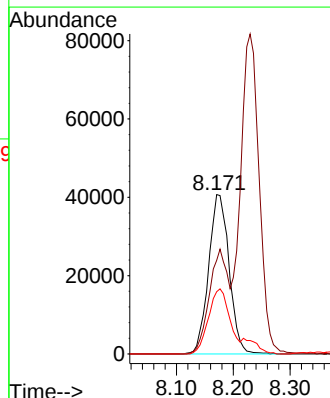
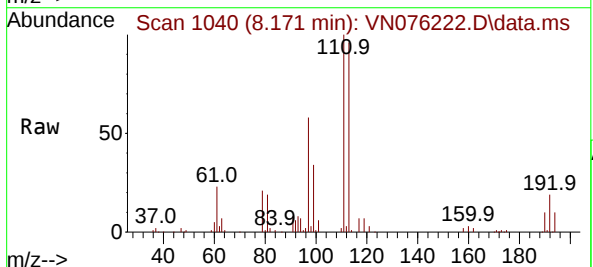
Delta R.T. -0.000 min

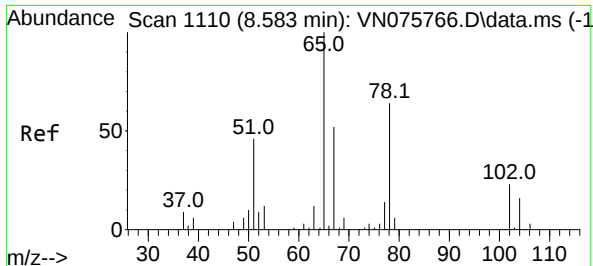
Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Tgt Ion: 97 Resp: 101926

Ion	Ratio	Lower	Upper
97	100		
99	60.1	50.2	75.2
61	42.2	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 49.024 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 65 Resp: 17723

Ion Ratio Lower Upper

65 100

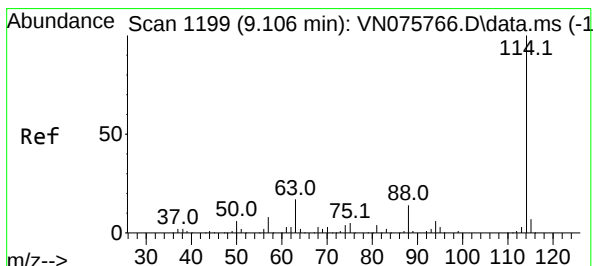
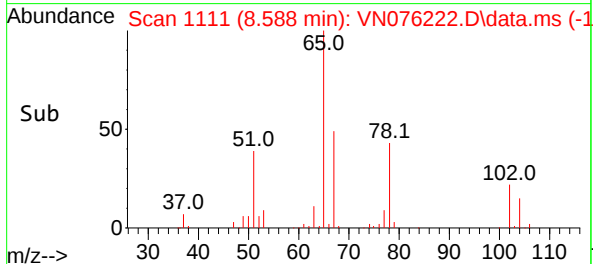
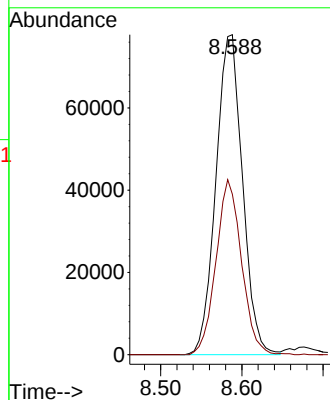
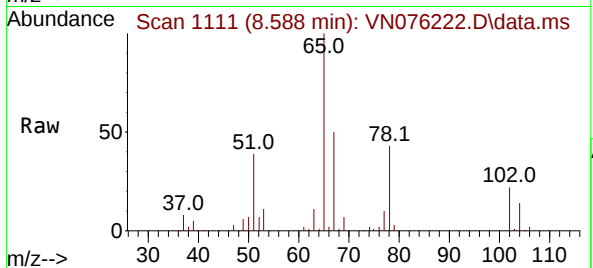
67 52.5 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

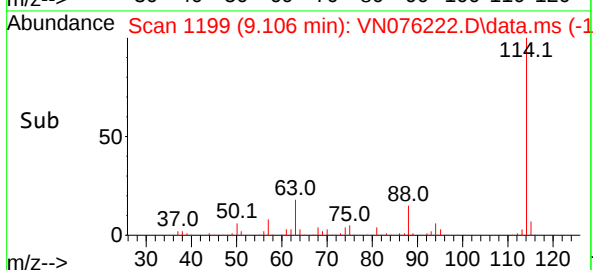
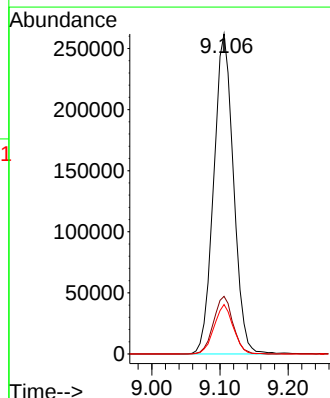
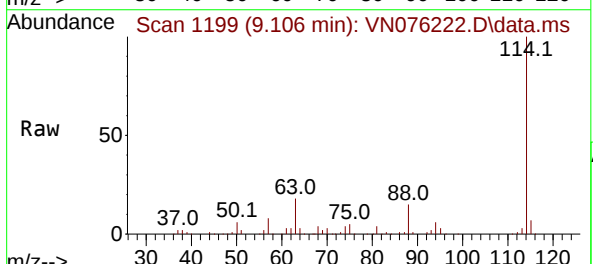
Tgt Ion:114 Resp: 529071

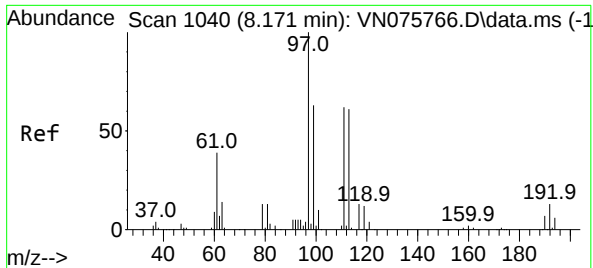
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

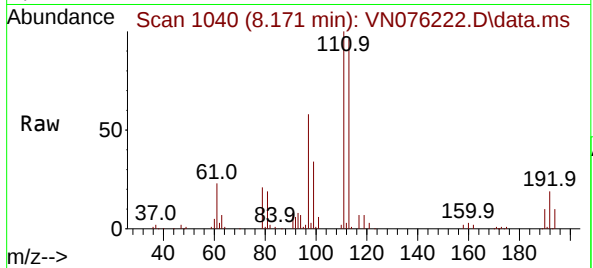
88 15.5 0.0 28.8





#35
Dibromofluoromethane
Concen: 49.685 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

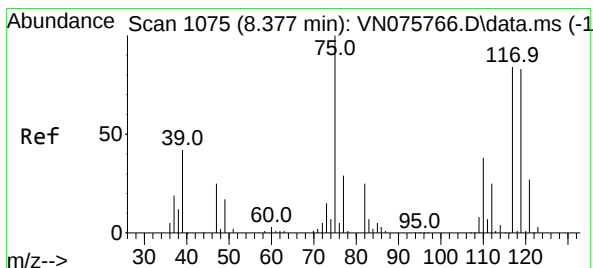
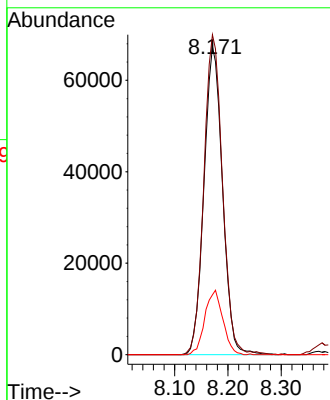
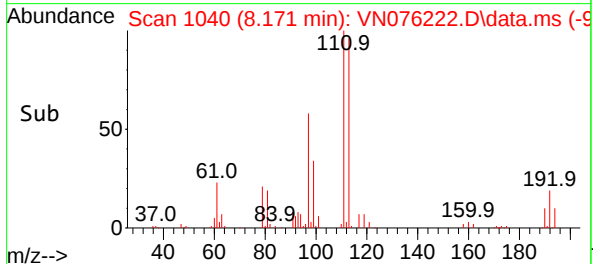
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



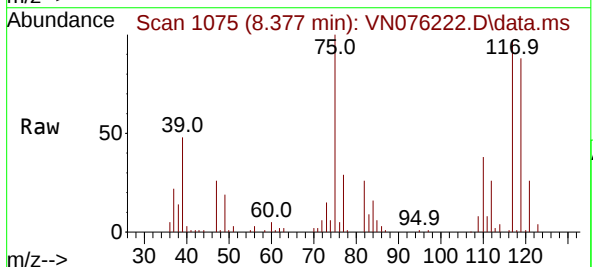
Tgt Ion: 113 Resp: 16279
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.2
192 20.3 16.1 24.1

Manual Integrations
APPROVED

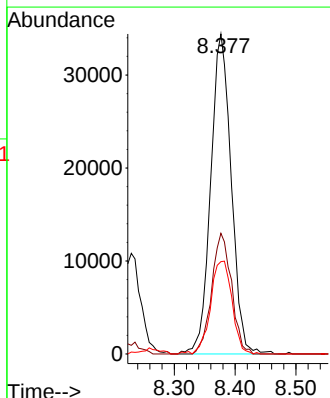
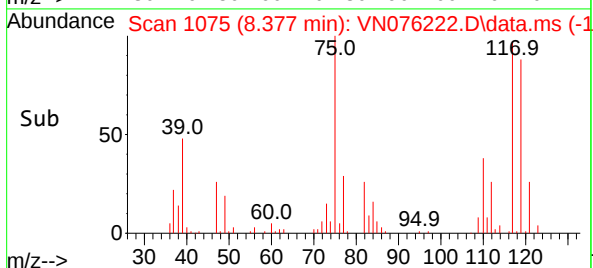
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

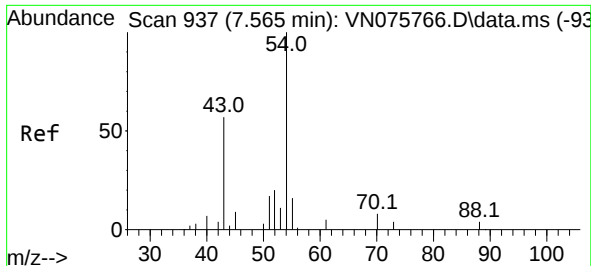


#36
1,1-Dichloropropene
Concen: 18.520 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 75 Resp: 80606
Ion Ratio Lower Upper
75 100
110 36.4 18.8 56.4
77 30.4 24.1 36.1





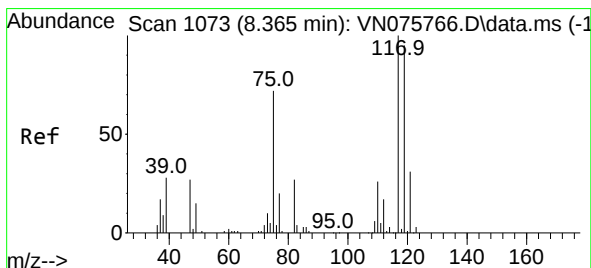
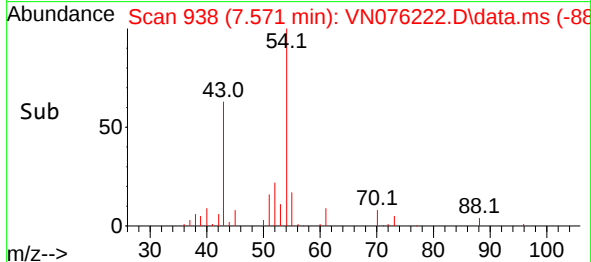
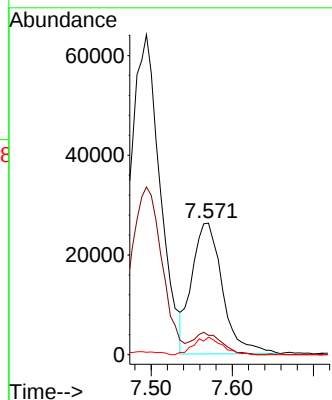
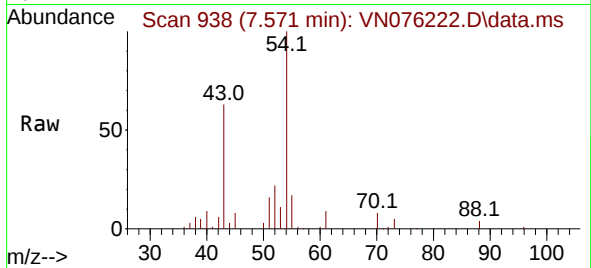
#37
Ethyl Acetate
Concen: 19.688 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 43 Resp: 6883
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 12.1 9.4 14.0

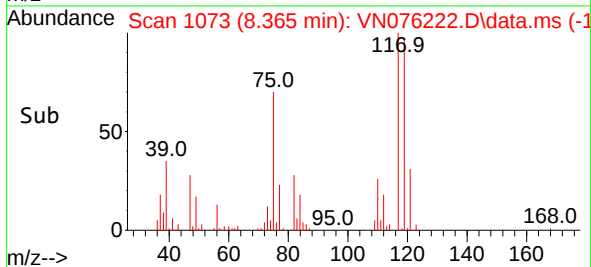
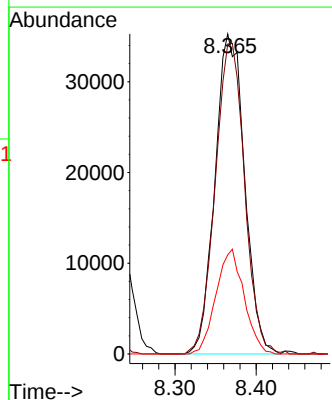
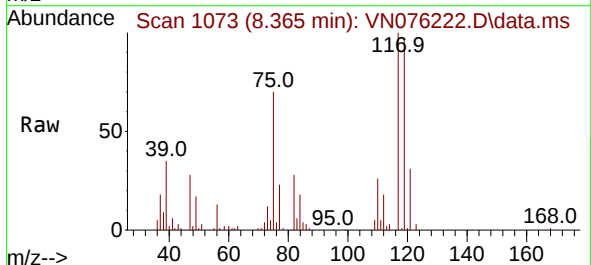
Manual Integrations
APPROVED

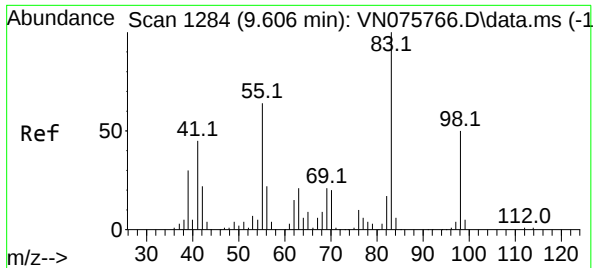
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#38
Carbon Tetrachloride
Concen: 18.282 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

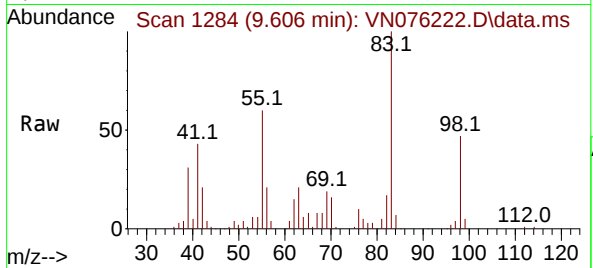
Tgt Ion:117 Resp: 89060
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
121 30.9 24.5 36.7





#39
Methylcyclohexane
Concen: 19.162 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

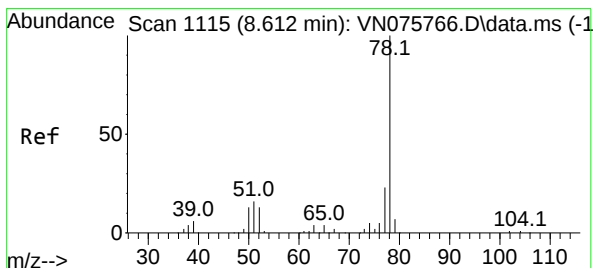
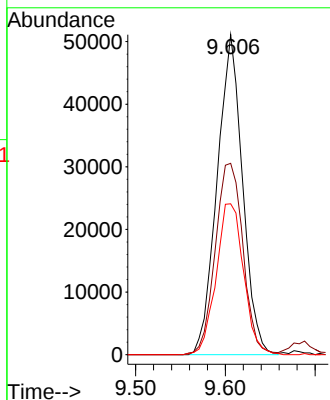
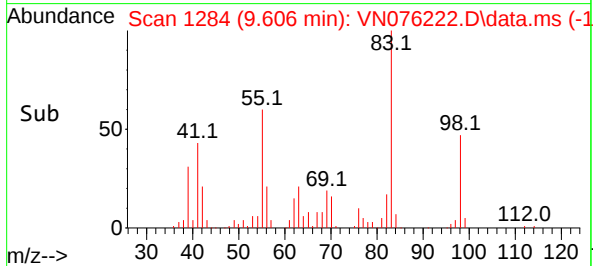
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 83 Resp: 100619
Ion Ratio Lower Upper
83 100
55 59.8 51.4 77.0
98 47.2 39.8 59.8

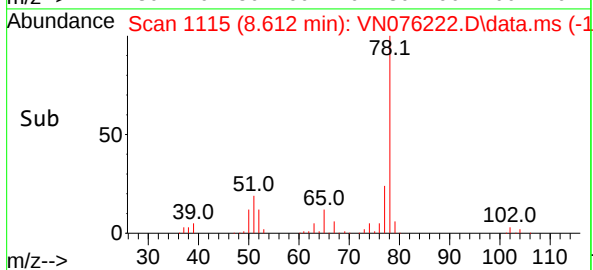
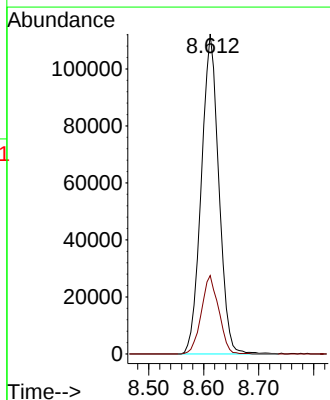
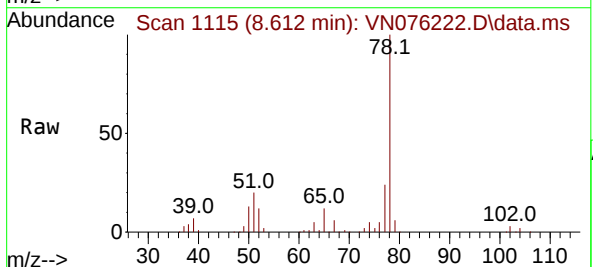
Manual Integrations
APPROVED

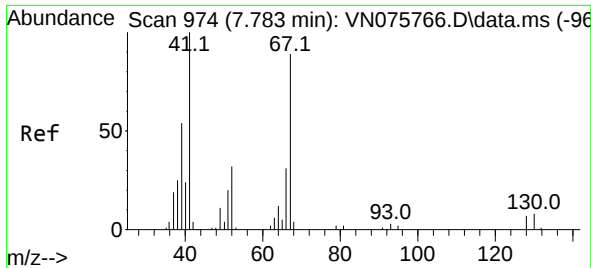
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#40
Benzene
Concen: 18.465 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

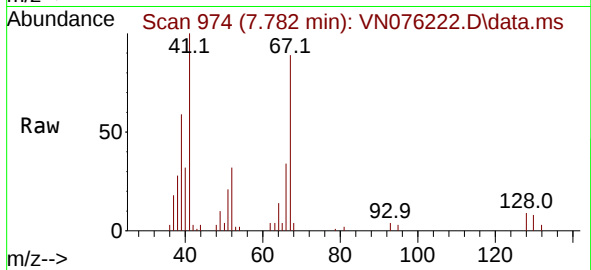
Tgt Ion: 78 Resp: 247961
Ion Ratio Lower Upper
78 100
77 24.5 18.5 27.7





#41
Methacrylonitrile
Concen: 19.448 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

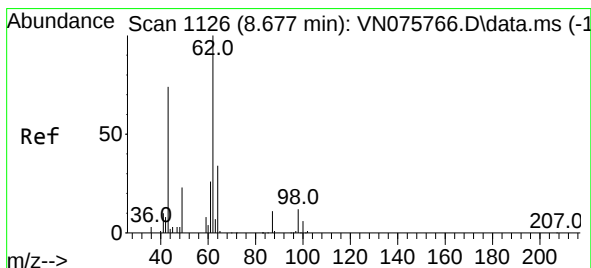
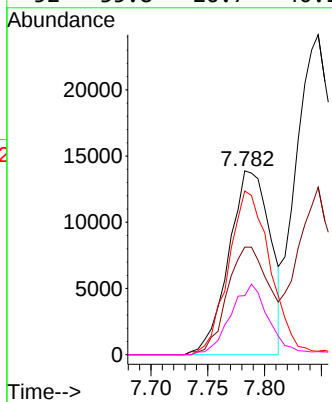
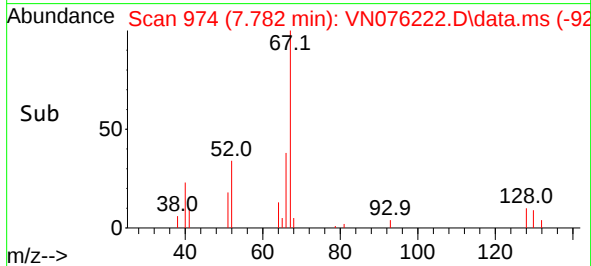
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



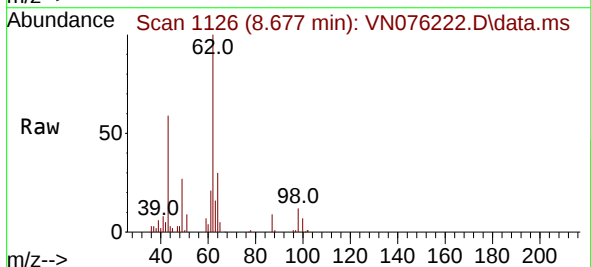
Tgt Ion:	41	Resp:	3534
Ion Ratio	100	Lower	Upper
39	59.3	43.1	64.7
67	90.3	70.7	106.1
52	35.8	26.7	40.1

Manual Integrations
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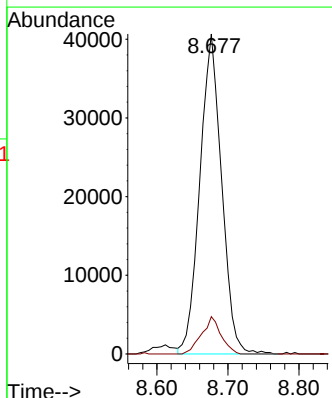
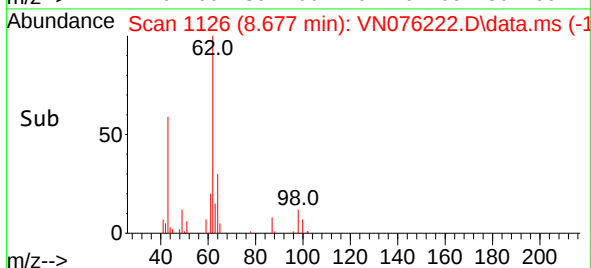
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

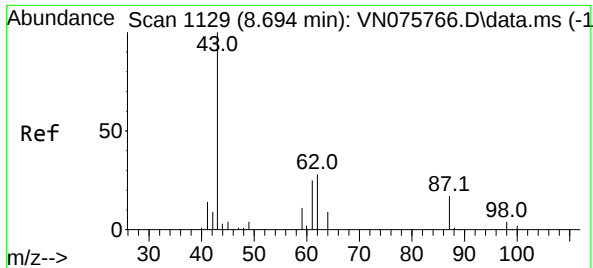


#42
1,2-Dichloroethane
Concen: 19.420 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



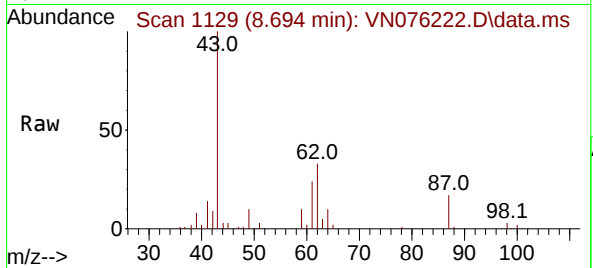
Tgt Ion:	62	Resp:	86700
Ion Ratio	100	Lower	Upper
98	10.4	0.0	20.8





#43
Isopropyl Acetate
Concen: 19.918 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

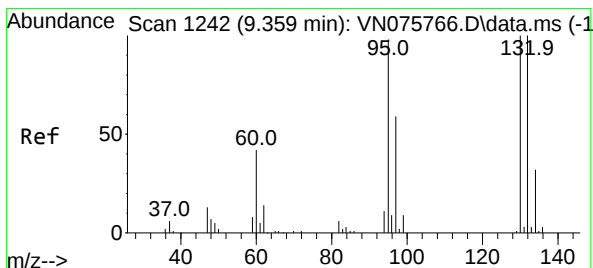
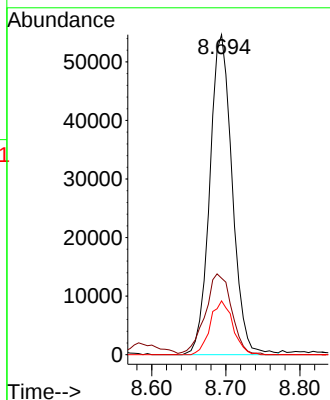
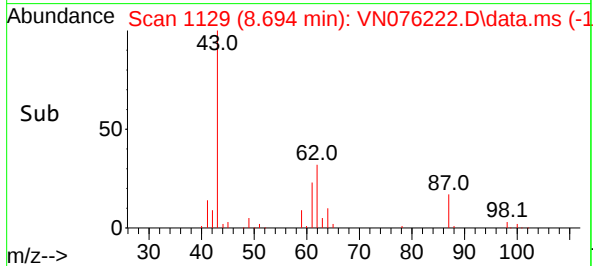
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



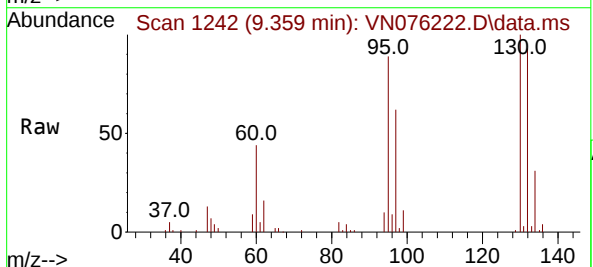
Tgt Ion: 43 Resp: 11486
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 16.9 13.3 19.9

Manual Integrations
APPROVED

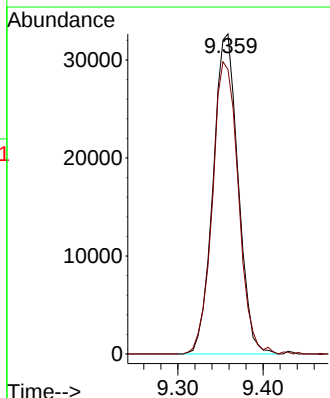
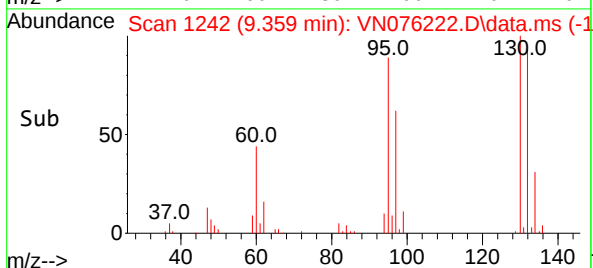
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

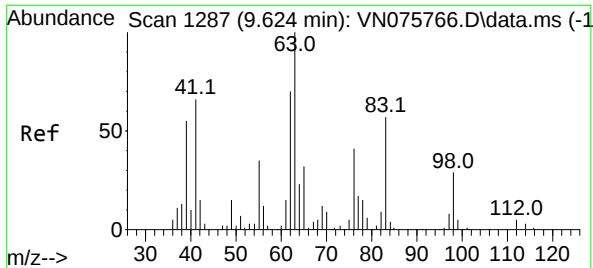


#44
Trichloroethene
Concen: 17.673 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion:130 Resp: 66861
Ion Ratio Lower Upper
130 100
95 88.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.189 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 63 Resp: 59439

Ion Ratio Lower Upper

63 100

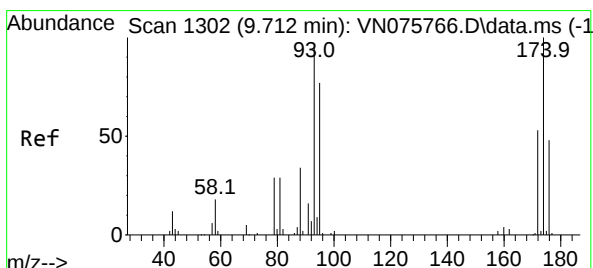
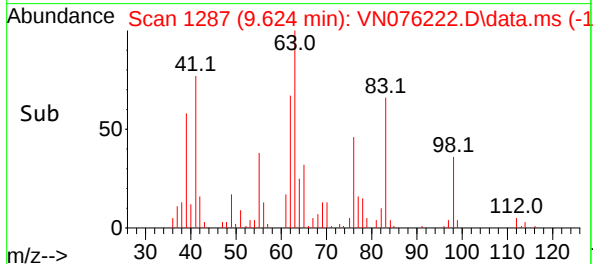
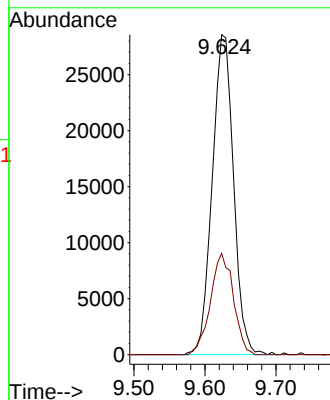
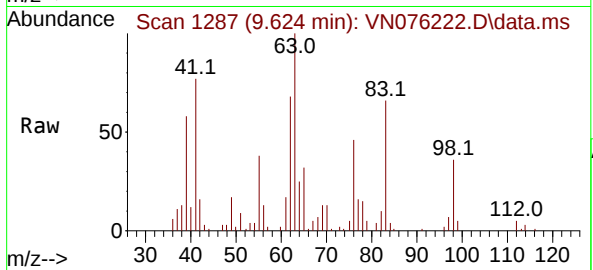
65 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#46

Dibromomethane

Concen: 19.092 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

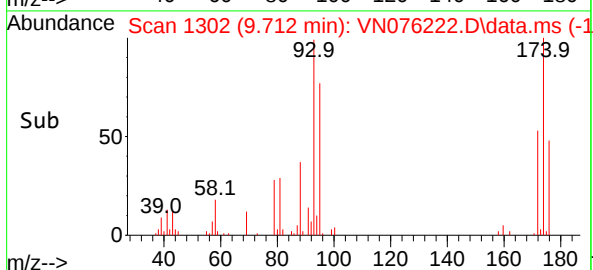
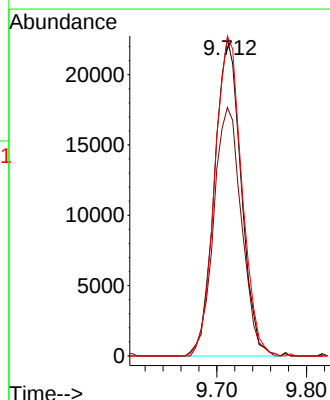
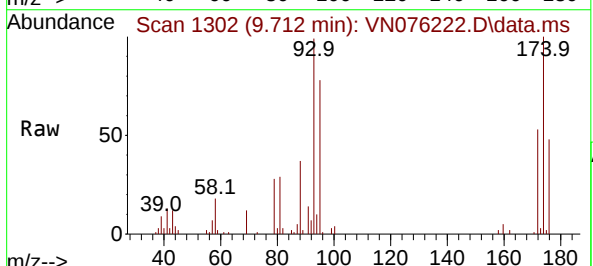
Tgt Ion: 93 Resp: 46275

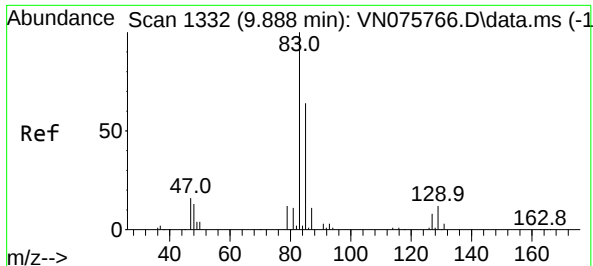
Ion Ratio Lower Upper

93 100

95 82.1 65.2 97.8

174 103.0 82.4 123.6





#47

Bromodichloromethane

Concen: 18.582 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

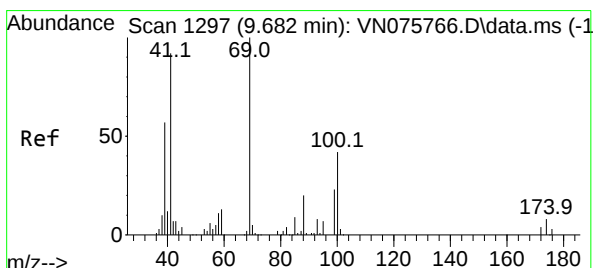
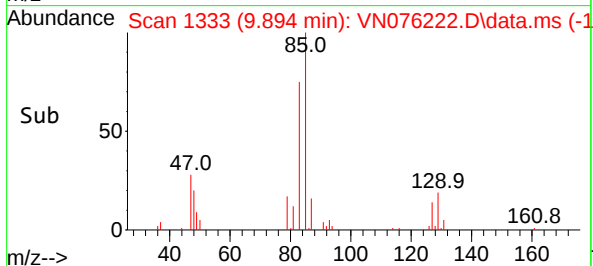
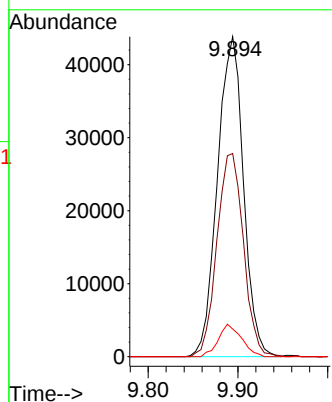
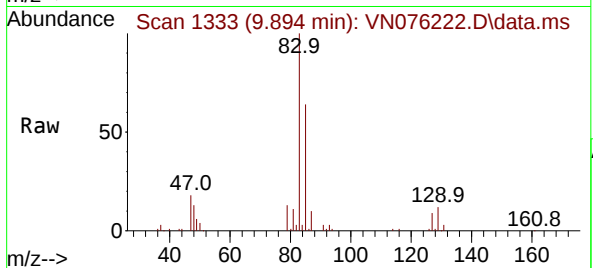
Tgt Ion: 83	Resp: 8832
Ion Ratio	Lower Upper
83 100	
85 63.5	51.5 77.3
127 8.7	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#48

Methyl methacrylate

Concen: 19.645 ug/l

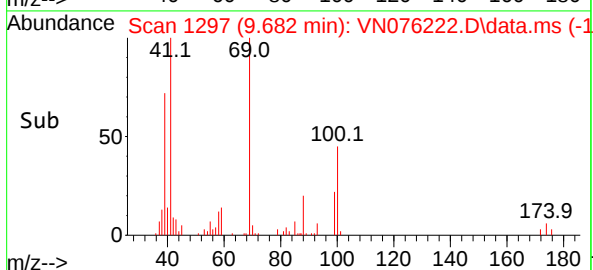
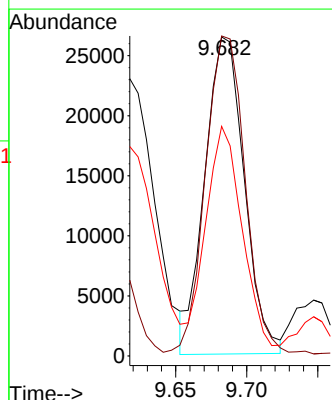
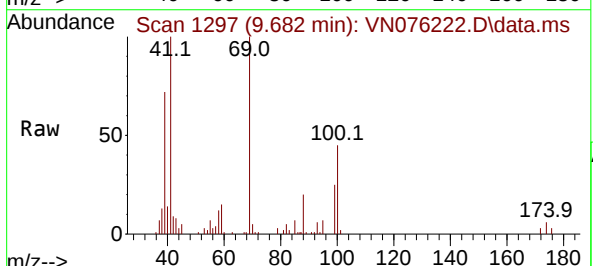
RT: 9.682 min Scan# 1297

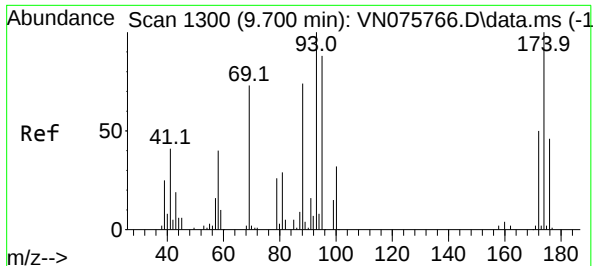
Delta R.T. -0.000 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Tgt Ion: 41	Resp: 51026
Ion Ratio	Lower Upper
41 100	
69 103.3	81.9 122.9
39 69.0	51.6 77.4





#49

1,4-Dioxane

Concen: 408.292 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 88 Resp: 26072

Ion Ratio Lower Upper

88 100

43 21.9 17.1 25.7

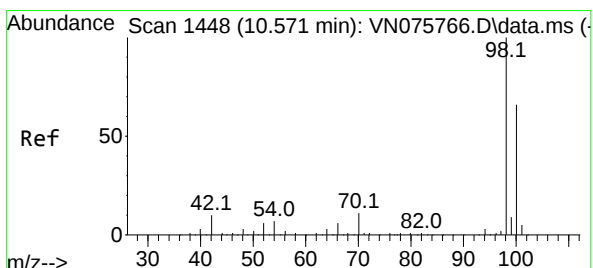
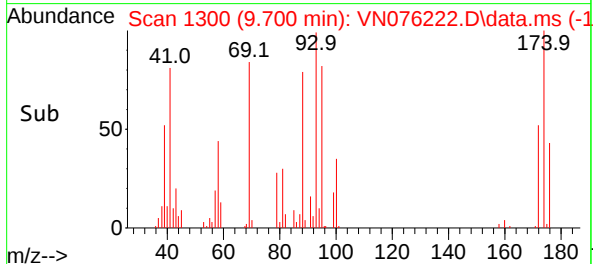
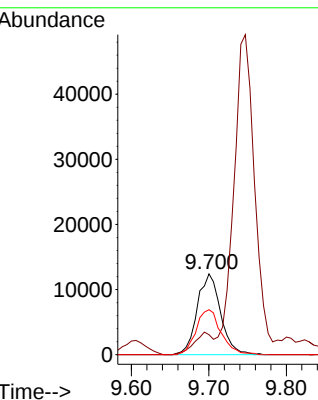
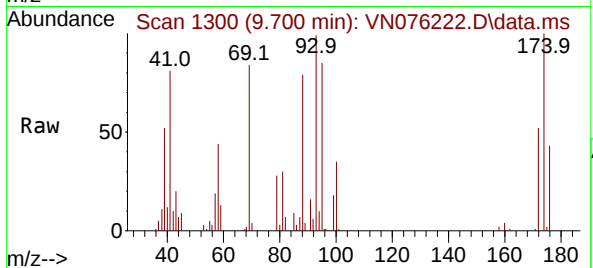
58 59.4 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

Toluene-d8

Concen: 46.746 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076222.D

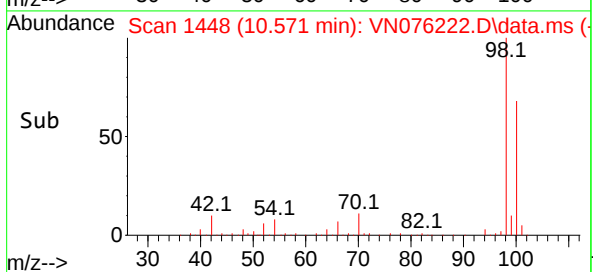
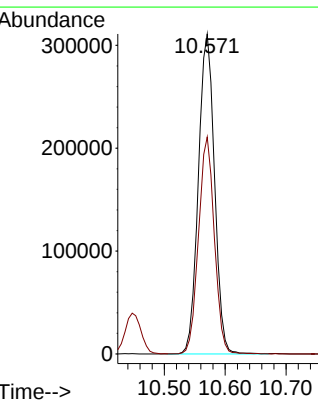
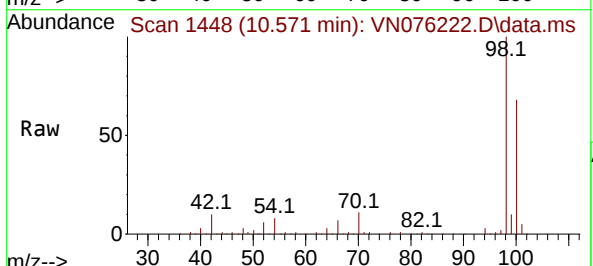
Acq: 12 Jan 2023 11:51

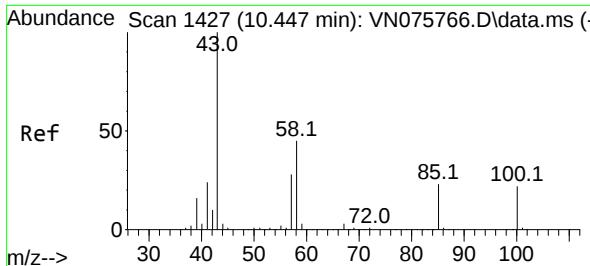
Tgt Ion: 98 Resp: 572657

Ion Ratio Lower Upper

98 100

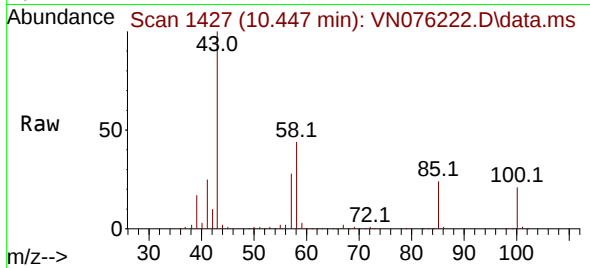
100 66.5 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 98.372 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

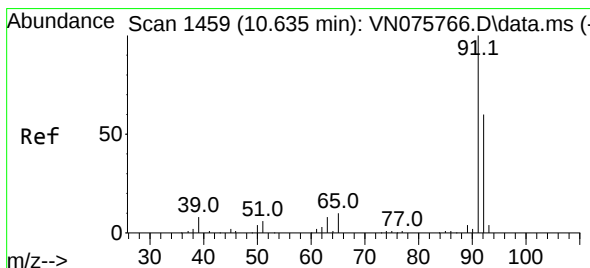
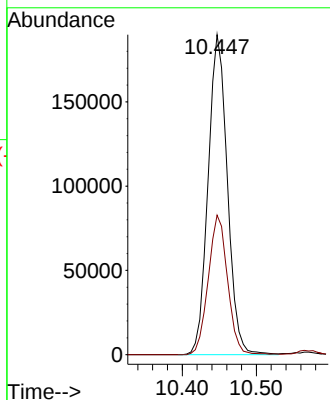
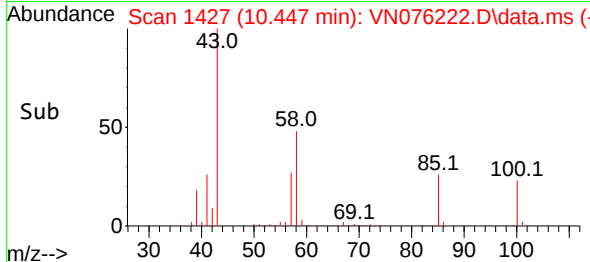
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



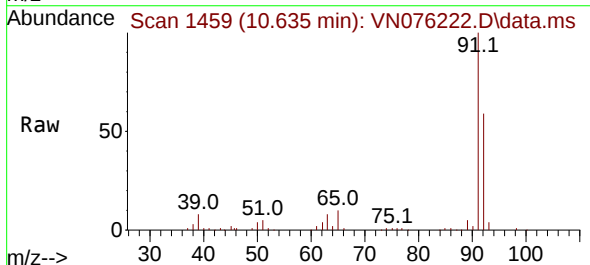
Tgt Ion: 43 Resp: 343088
Ion Ratio Lower Upper
43 100
58 43.8 35.5 53.3

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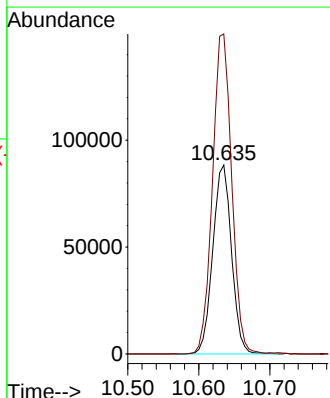
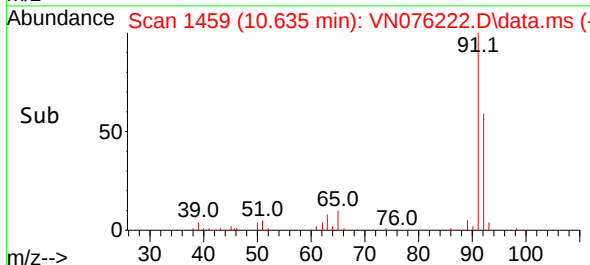
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

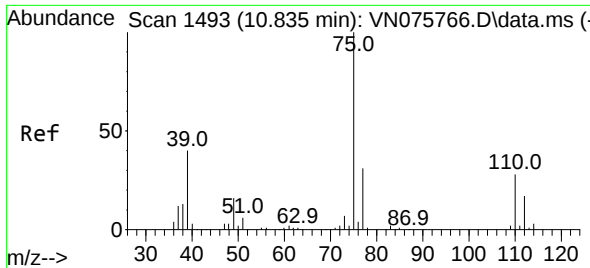


#52
Toluene
Concen: 18.493 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 92 Resp: 161740
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9





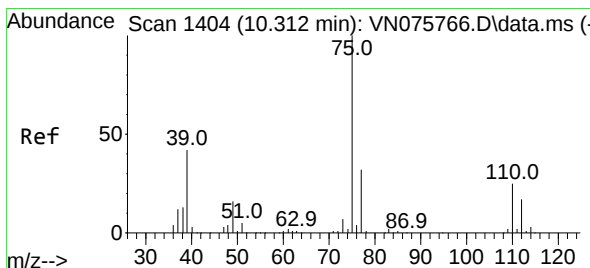
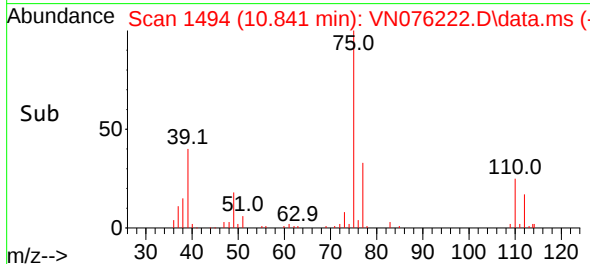
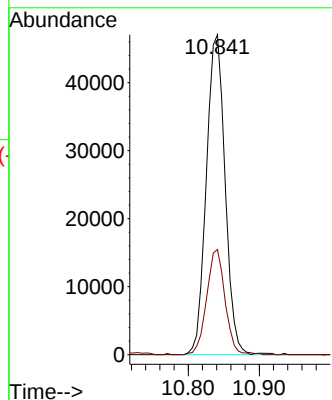
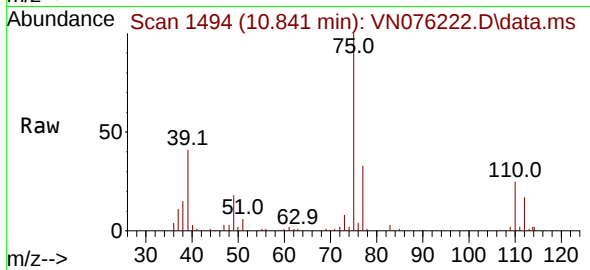
#53
t-1,3-Dichloropropene
Concen: 18.591 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 75 Resp: 86499
Ion Ratio Lower Upper
75 100
77 32.9 24.9 37.3

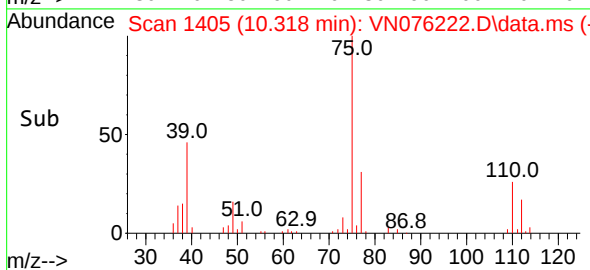
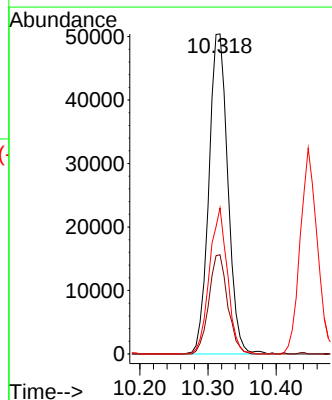
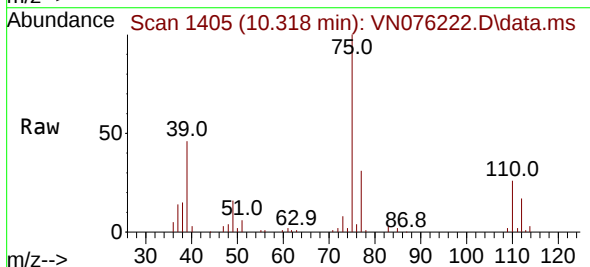
Manual Integrations
APPROVED

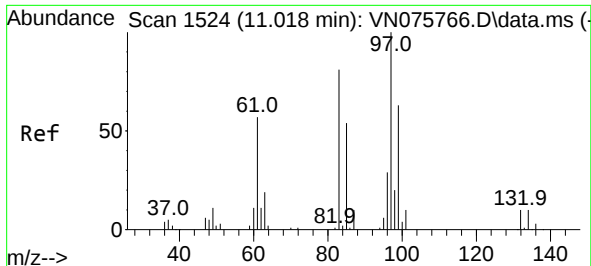
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#54
cis-1,3-Dichloropropene
Concen: 19.149 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

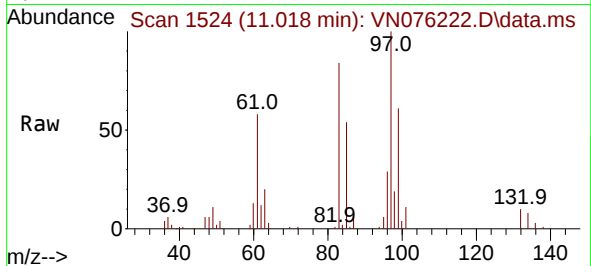
Tgt Ion: 75 Resp: 97824
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8
39 45.7 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 19.213 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

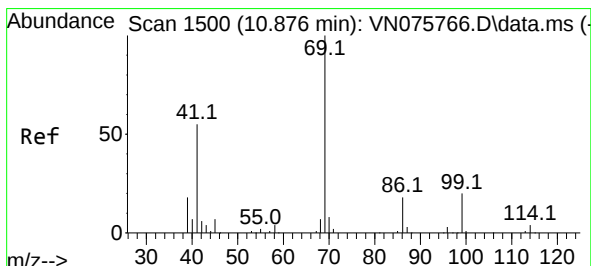
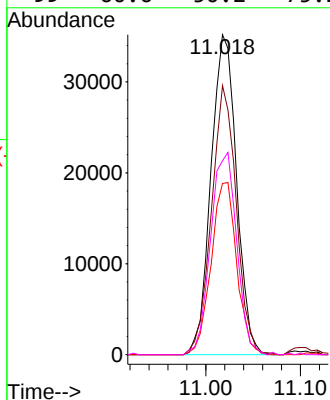
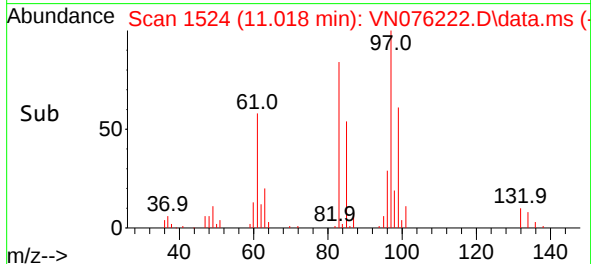
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.0	97.4
85	53.5	43.0	64.6
99	60.6	50.2	75.2

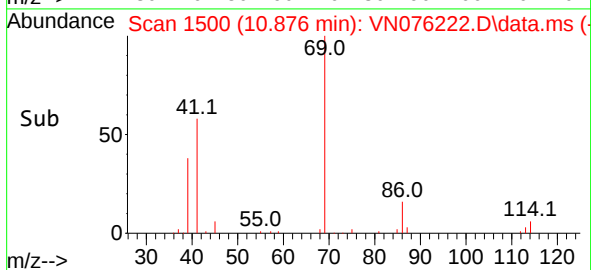
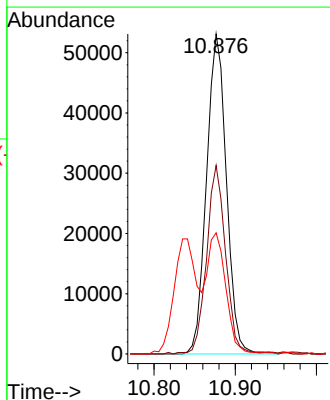
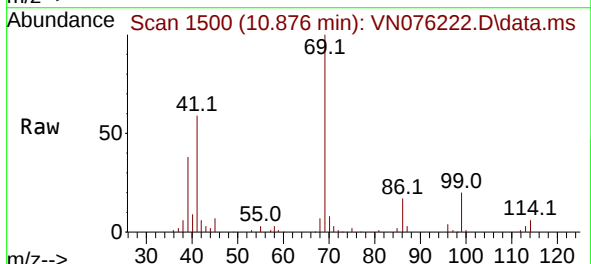
Manual Integrations
APPROVED

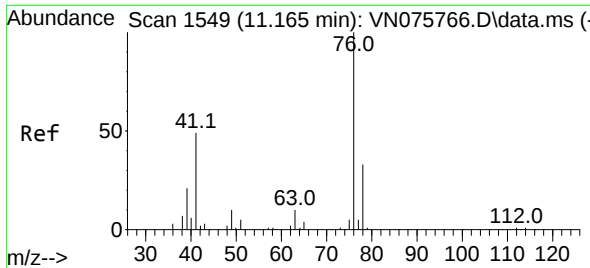
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#56
Ethyl methacrylate
Concen: 19.798 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

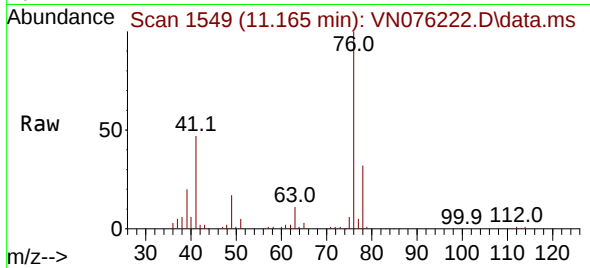
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.3	44.2	66.4
39	35.8	26.4	39.6





#57
1,3-Dichloropropane
Concen: 19.208 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

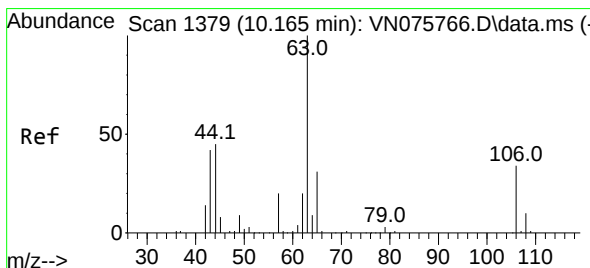
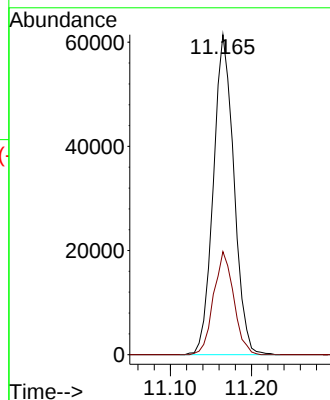
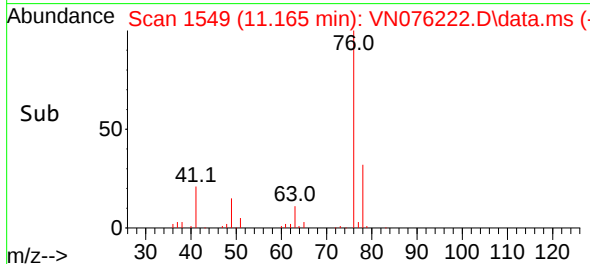
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



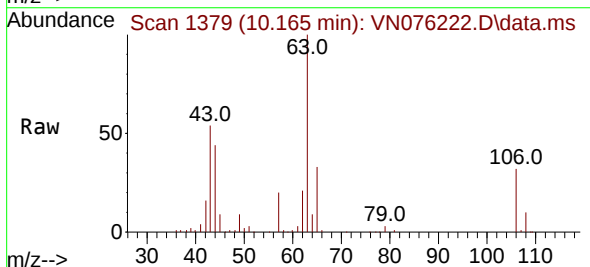
Tgt Ion: 76 Resp: 108159
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.2

Manual Integrations
APPROVED

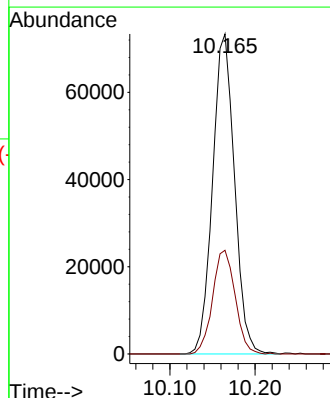
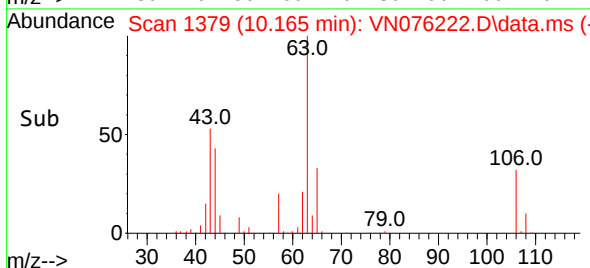
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

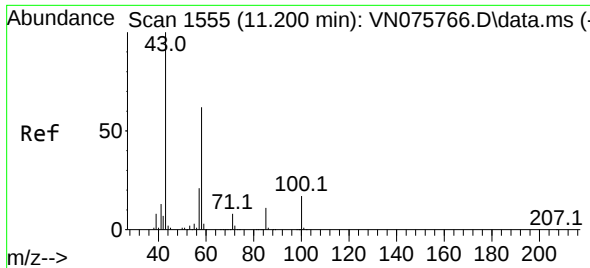


#58
2-Chloroethyl Vinyl ether
Concen: 90.248 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



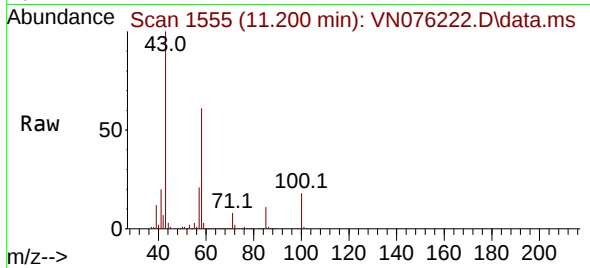
Tgt Ion: 63 Resp: 131014
Ion Ratio Lower Upper
63 100
106 33.4 26.4 39.6





#59
2-Hexanone
Concen: 96.928 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

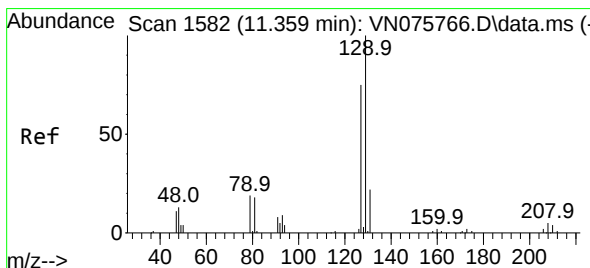
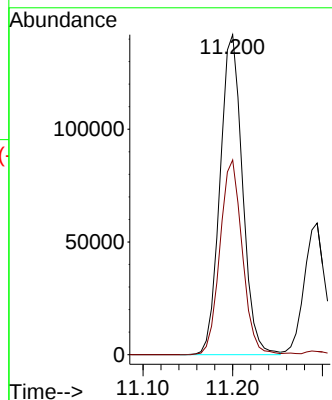
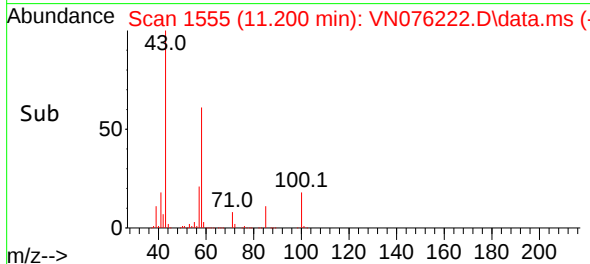
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 43 Resp: 24653
Ion Ratio Lower Upper
43 100
58 60.7 30.6 92.0

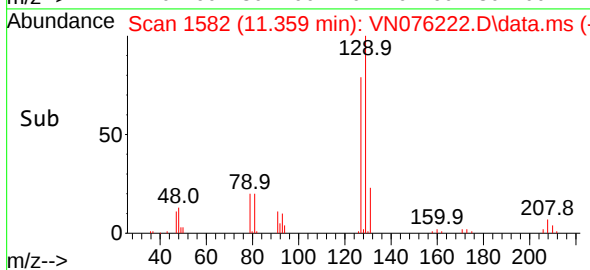
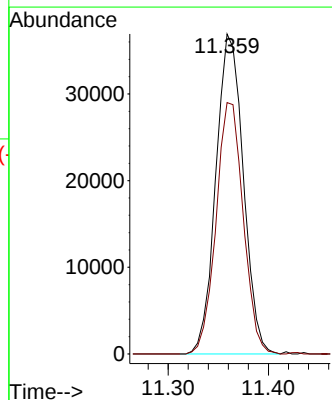
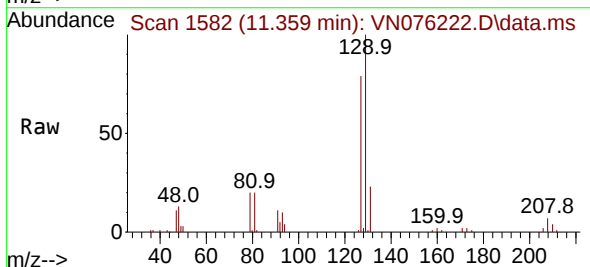
Manual Integrations
APPROVED

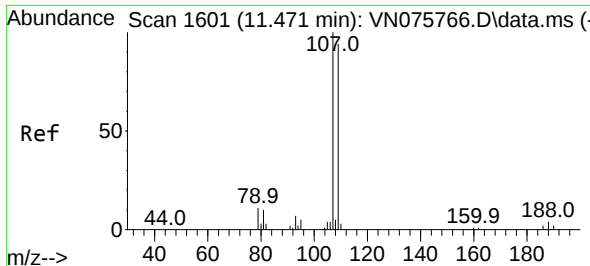
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#60
Dibromochloromethane
Concen: 18.382 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

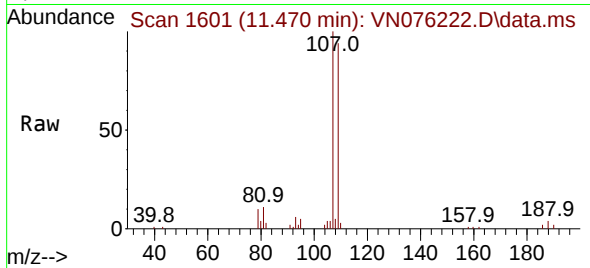
Tgt Ion:129 Resp: 70176
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 19.527 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

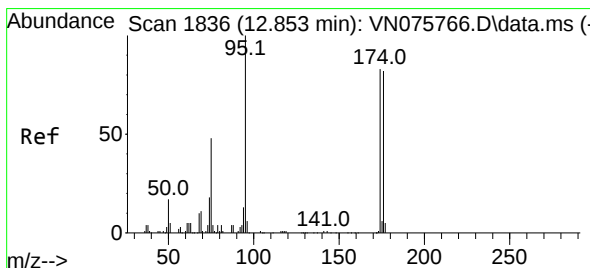
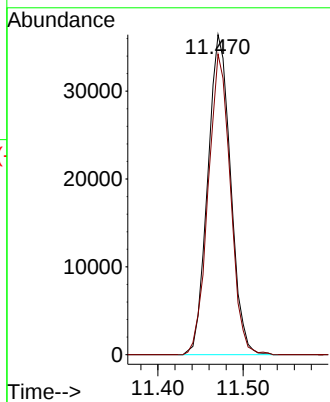
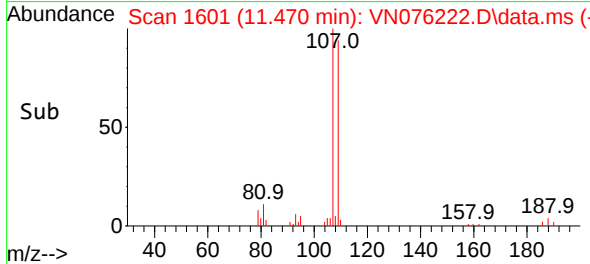
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



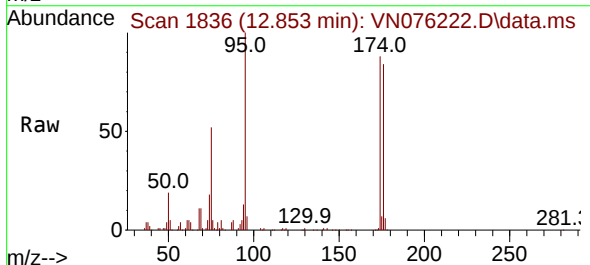
Tgt Ion:107 Resp: 67835
Ion Ratio Lower Upper
107 100
109 91.3 74.8 112.2

Manual Integrations
APPROVED

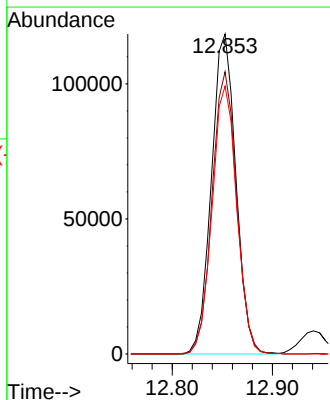
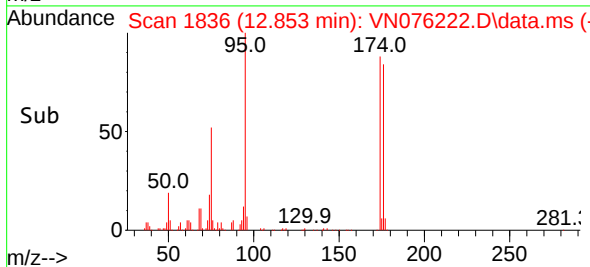
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

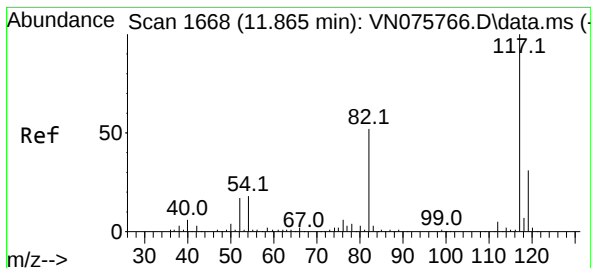


#62
4-Bromofluorobenzene
Concen: 49.417 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 95 Resp: 200507
Ion Ratio Lower Upper
95 100
174 88.6 0.0 171.6
176 84.5 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion:117 Resp: 476448

Ion Ratio Lower Upper

117 100

82 52.6 41.3 61.9

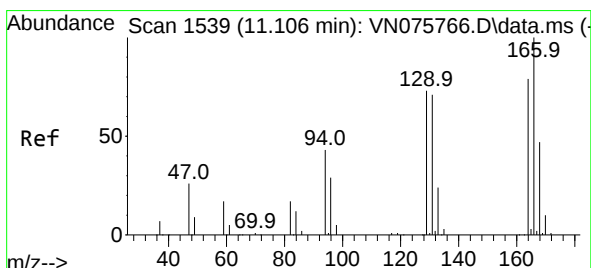
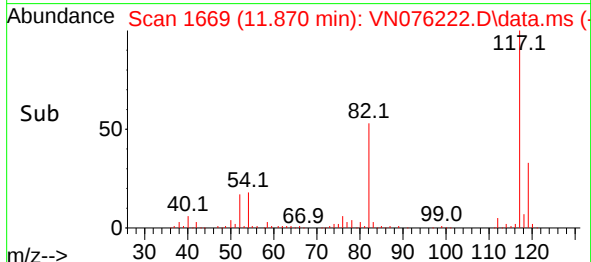
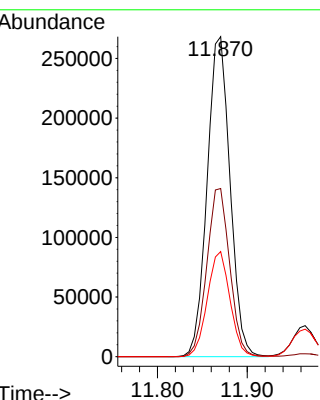
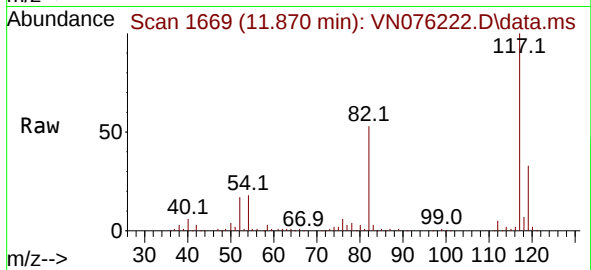
119 32.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#64

Tetrachloroethene

Concen: 20.969 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Tgt Ion:164 Resp: 70302

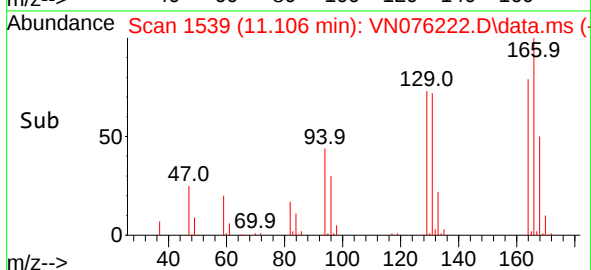
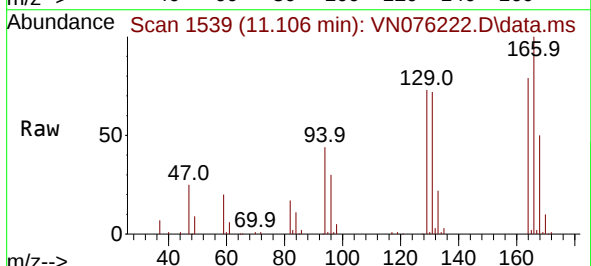
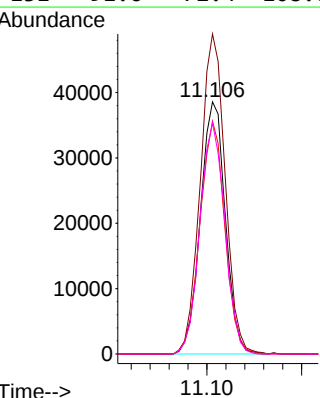
Ion Ratio Lower Upper

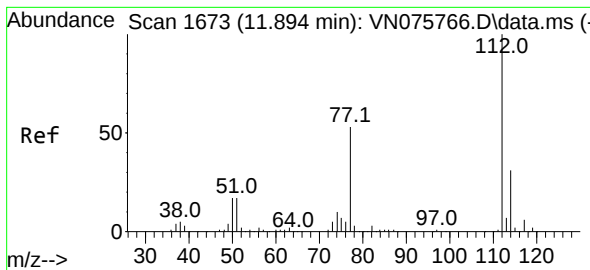
164 100

166 126.9 101.9 152.9

129 92.3 74.2 111.2

131 91.6 72.4 108.6





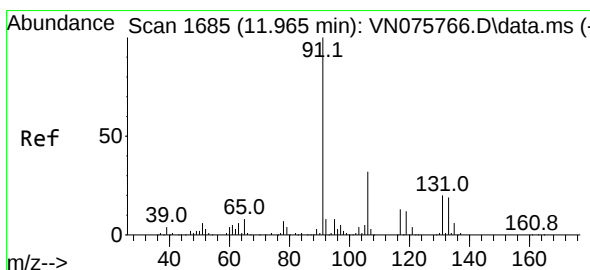
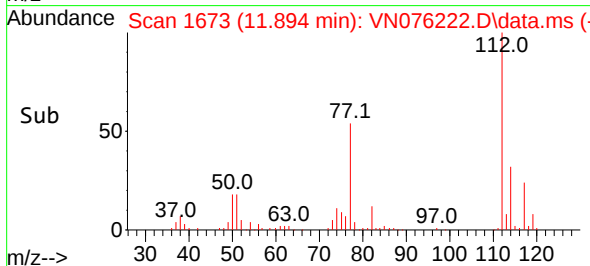
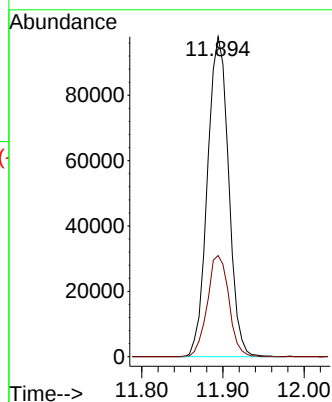
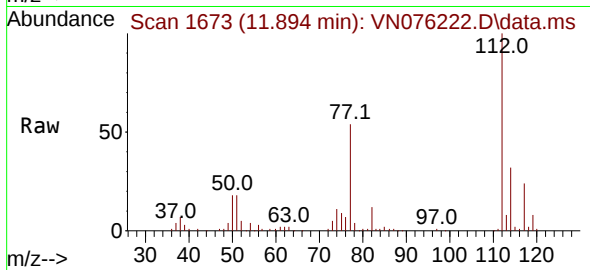
#65
Chlorobenzene
Concen: 18.121 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion:112 Resp: 177208
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1

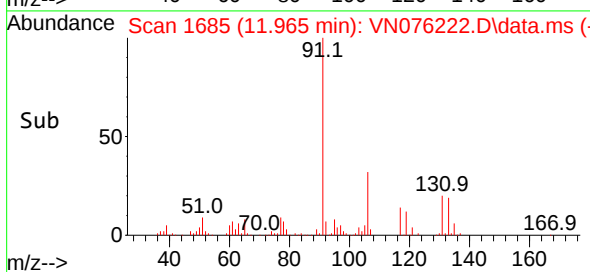
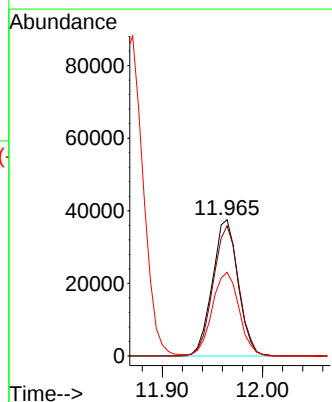
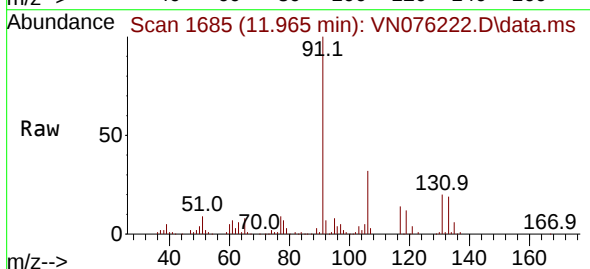
Manual Integrations
APPROVED

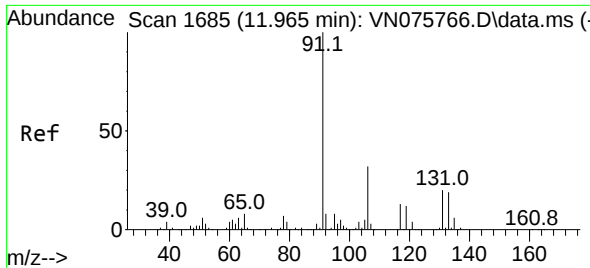
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.430 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Tgt Ion:131 Resp: 66755
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 64.2 31.9 95.7





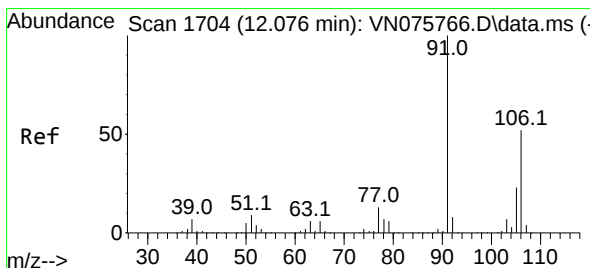
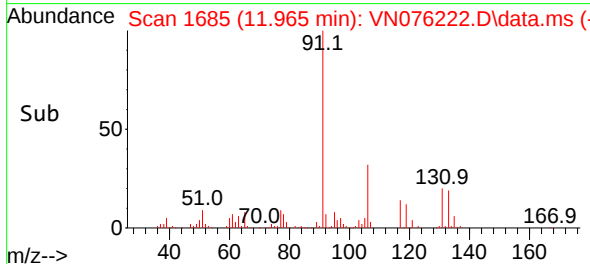
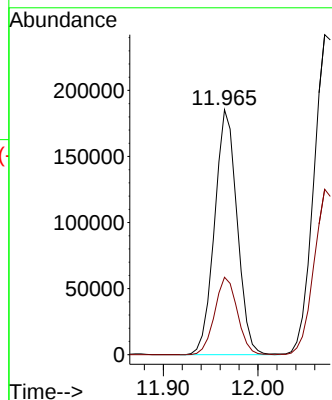
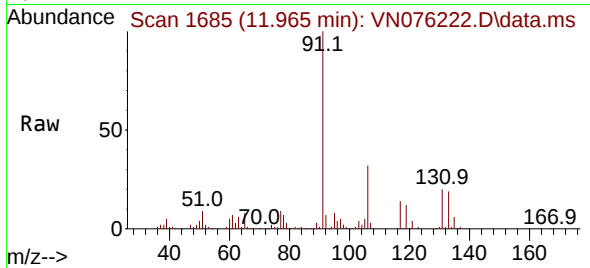
#67
Ethyl Benzene
Concen: 18.559 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 91 Resp: 306299
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

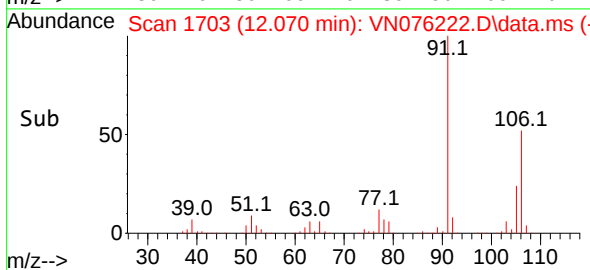
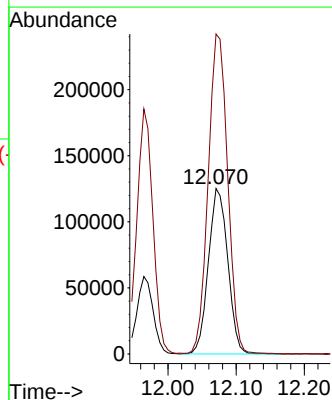
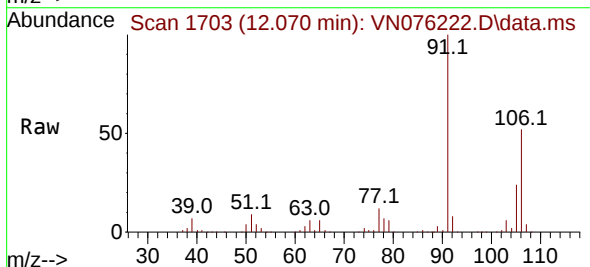
Manual Integrations
APPROVED

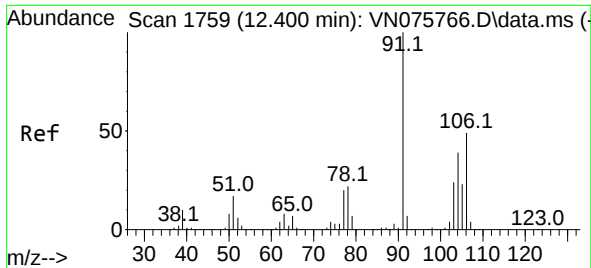
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#68
m/p-Xylenes
Concen: 37.865 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Tgt Ion:106 Resp: 247352
Ion Ratio Lower Upper
106 100
91 194.7 156.6 235.0





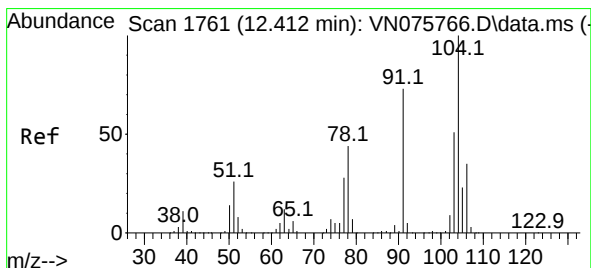
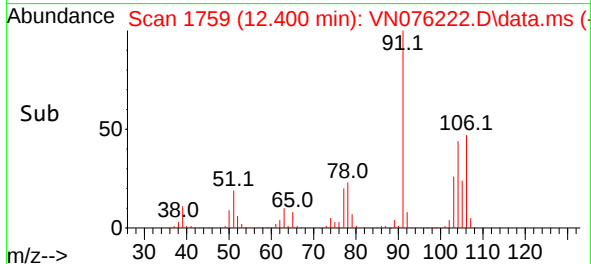
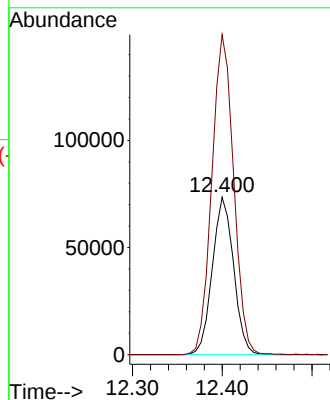
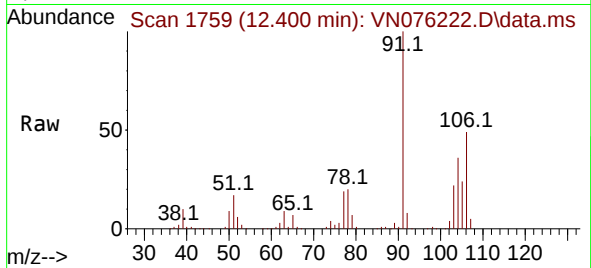
#69
o-Xylene
Concen: 18.716 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion:106 Resp: 12099
Ion Ratio Lower Upper
106 100
91 208.4 103.8 311.6

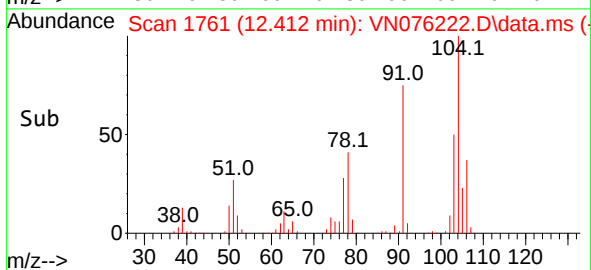
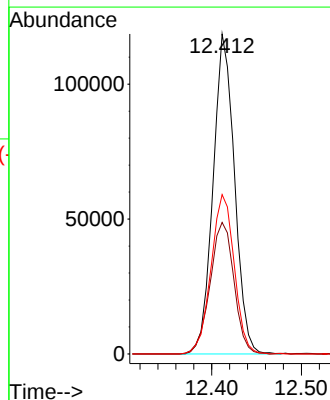
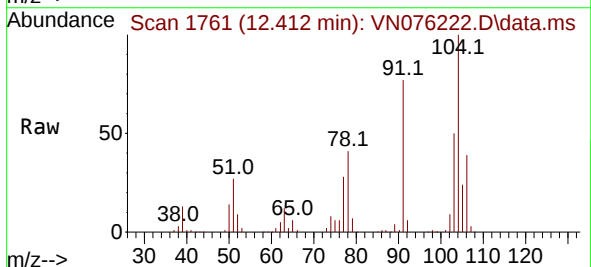
Manual Integrations
APPROVED

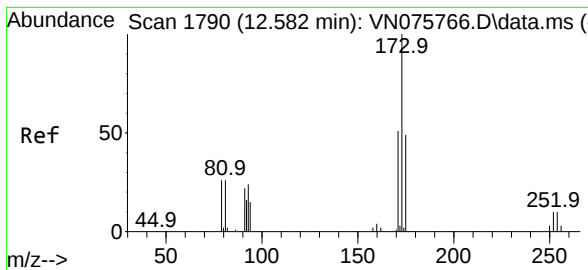
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#70
Styrene
Concen: 19.167 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

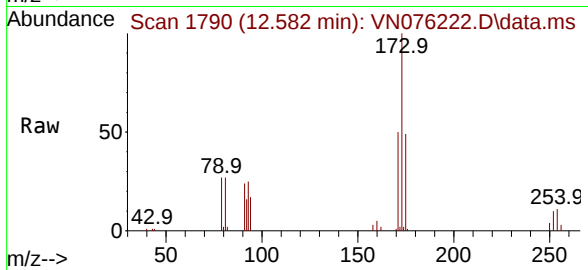
Tgt Ion:104 Resp: 197009
Ion Ratio Lower Upper
104 100
78 45.7 37.5 56.3
103 53.8 43.5 65.3





#71
Bromoform
Concen: 18.587 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

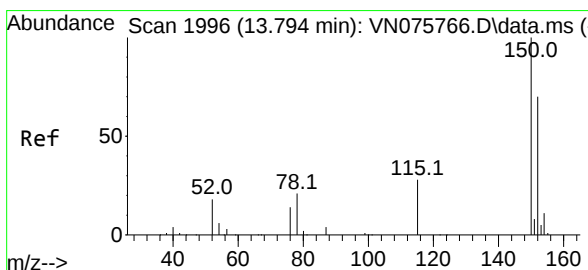
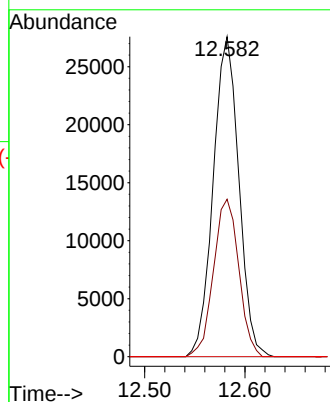
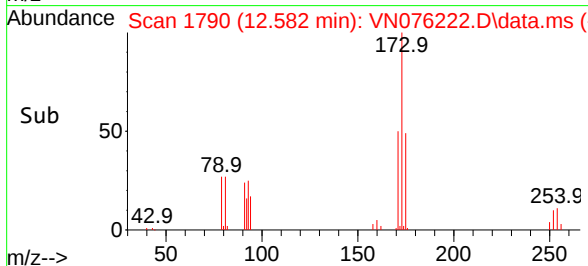
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



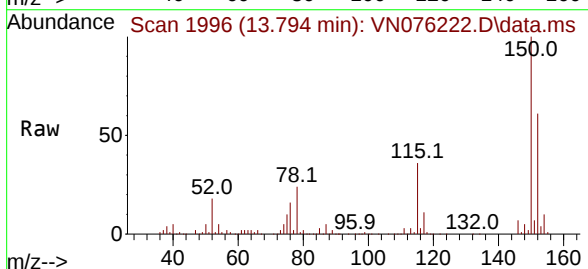
Tgt Ion:173 Resp: 48990
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
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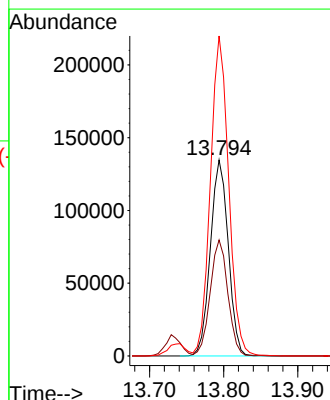
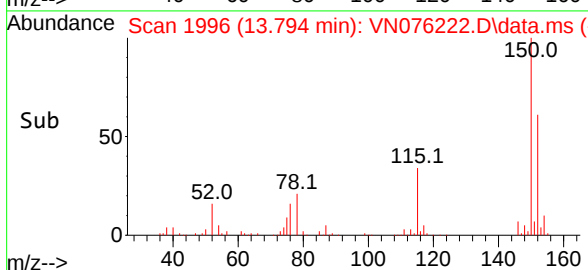
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

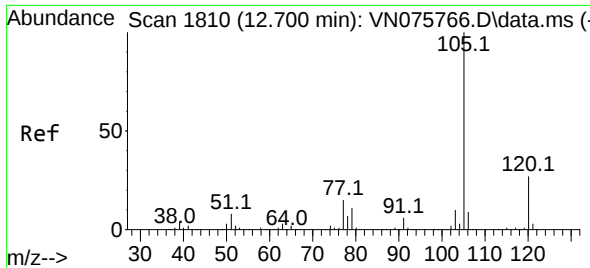


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



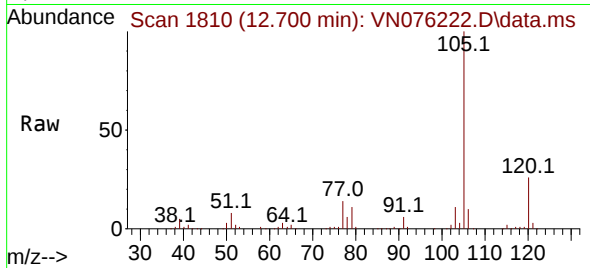
Tgt Ion:152 Resp: 225989
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 166.5 0.0 347.0





#73
Isopropylbenzene
Concen: 19.292 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

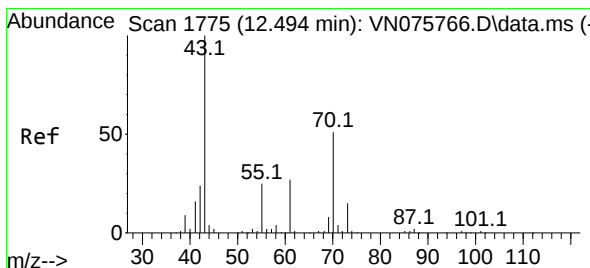
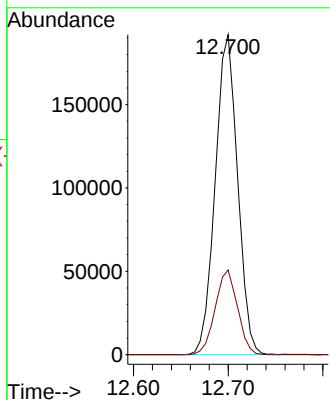
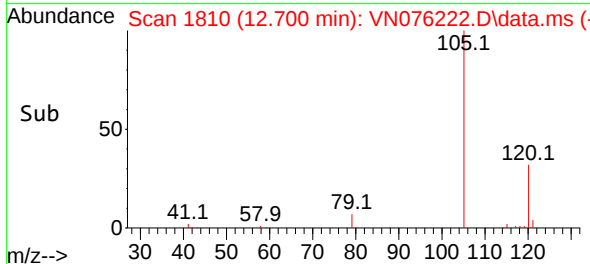
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



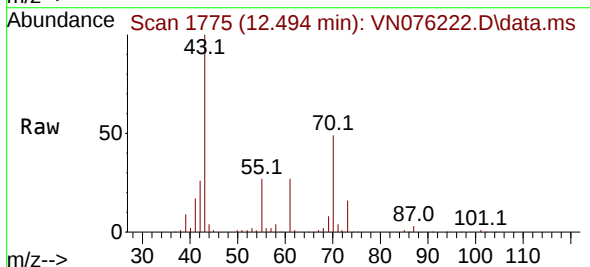
Tgt Ion:105 Resp: 315050
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

Manual Integrations
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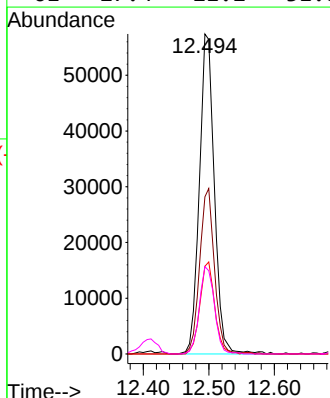
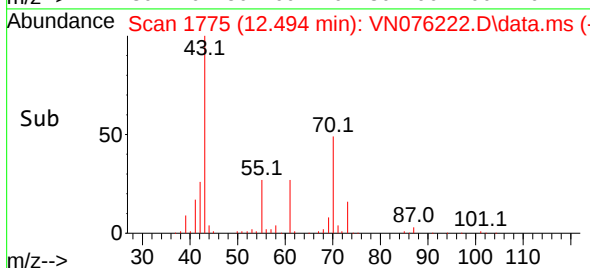
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

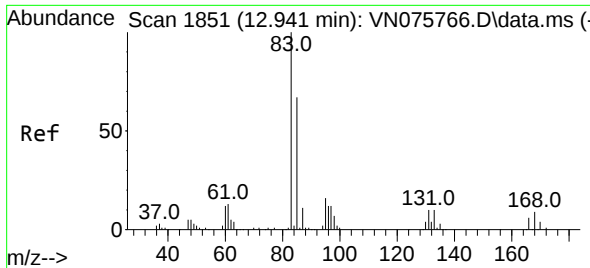


#74
N-ethyl acetate
Concen: 19.114 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 43 Resp: 91573
Ion Ratio Lower Upper
43 100
70 50.9 41.4 62.0
55 28.3 21.3 31.9
61 27.4 21.2 31.8





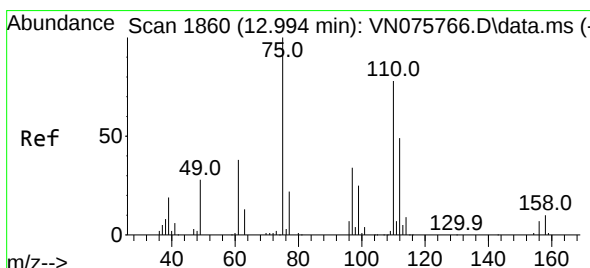
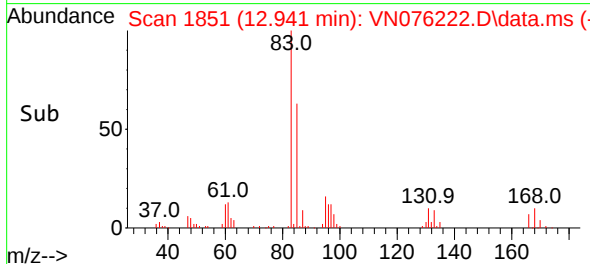
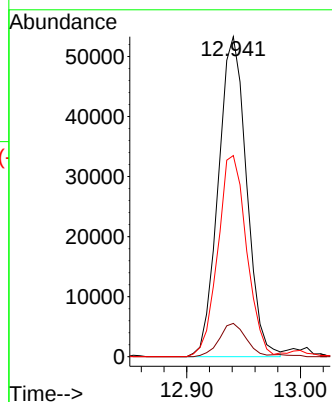
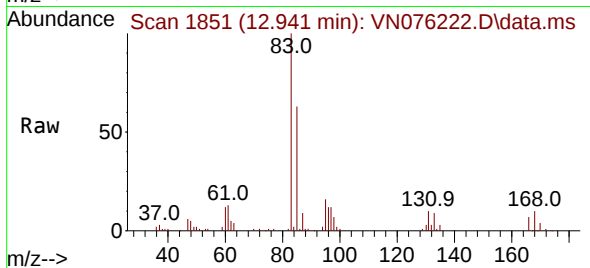
#75
1,1,2,2-Tetrachloroethane
Concen: 18.261 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 83 Resp: 9219
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 64.4 32.6 98.0

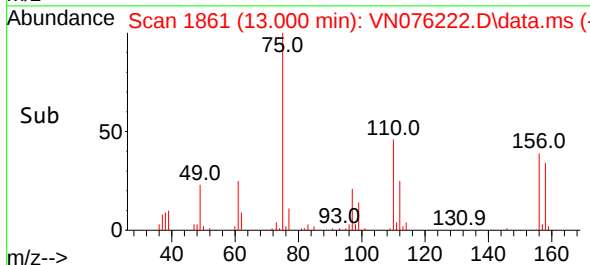
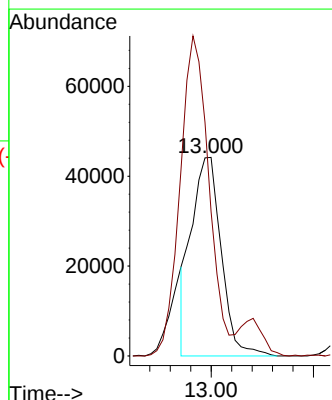
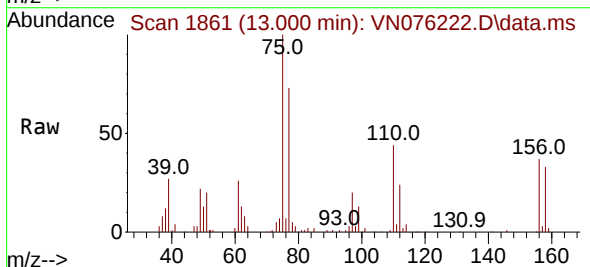
Manual Integrations
APPROVED

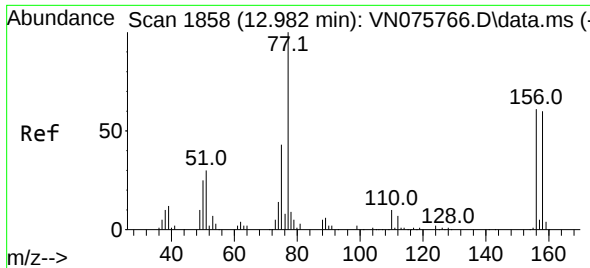
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#76
1,2,3-Trichloropropane
Concen: 19.636 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

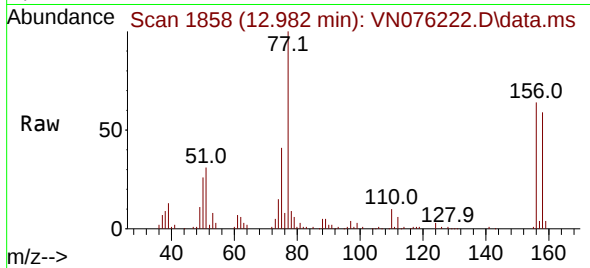
Tgt Ion: 75 Resp: 89451
Ion Ratio Lower Upper
75 100
77 156.9 82.6 247.8





#77
Bromobenzene
Concen: 18.576 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

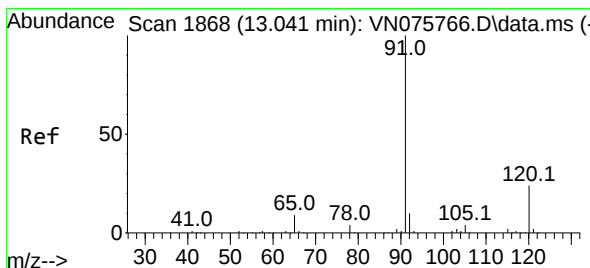
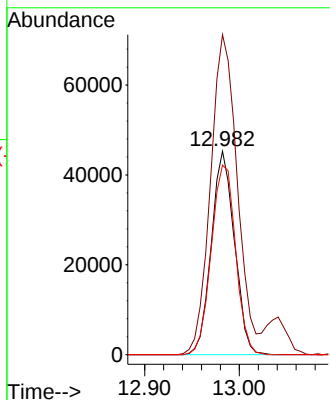
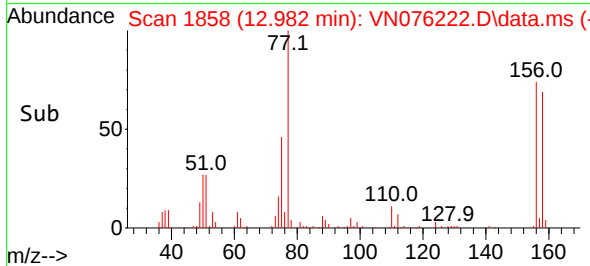
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



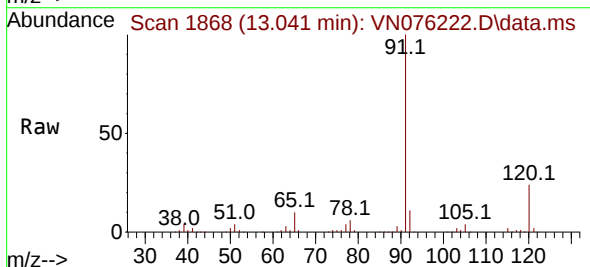
Tgt Ion:156 Resp: 76779
Ion Ratio Lower Upper
156 100
77 182.8 93.8 281.3
158 98.0 48.9 146.6

Manual Integrations
APPROVED

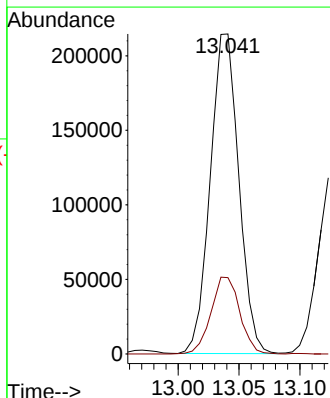
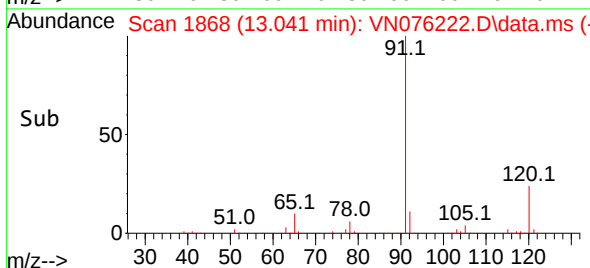
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

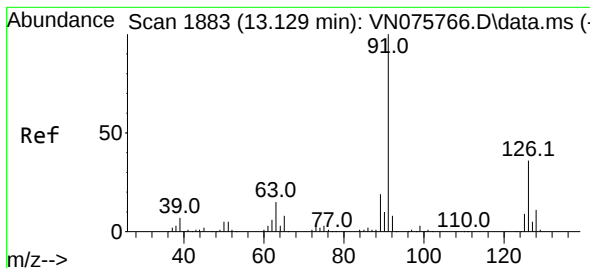


#78
n-propylbenzene
Concen: 19.443 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 91 Resp: 350218
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1





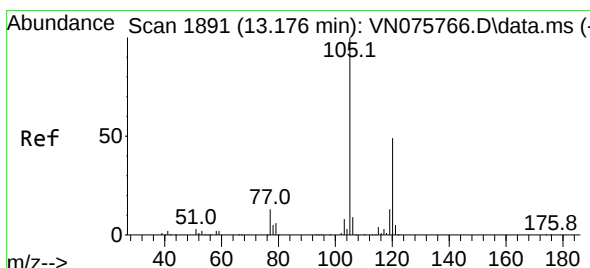
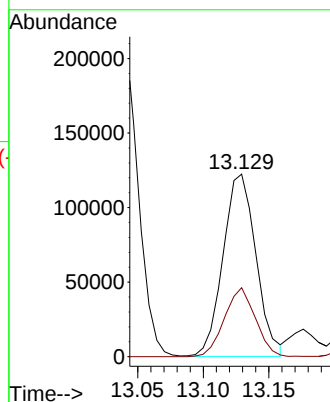
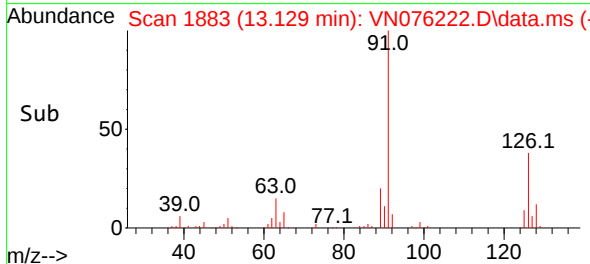
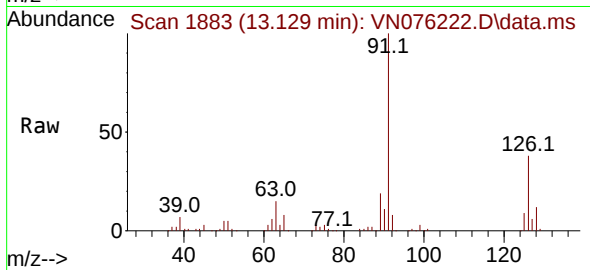
#79
2-Chlorotoluene
Concen: 18.972 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 91 Resp: 213314
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5

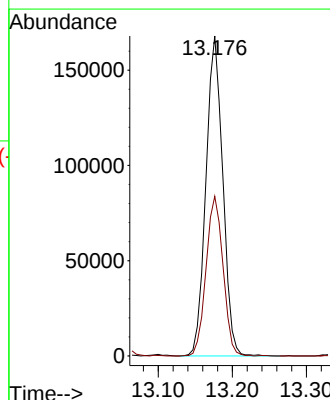
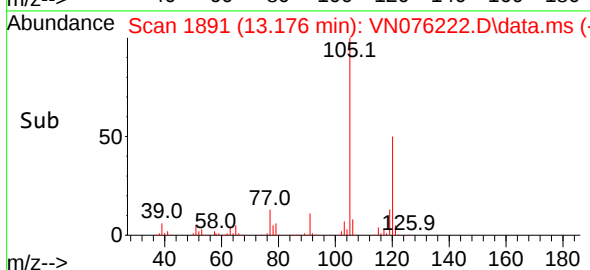
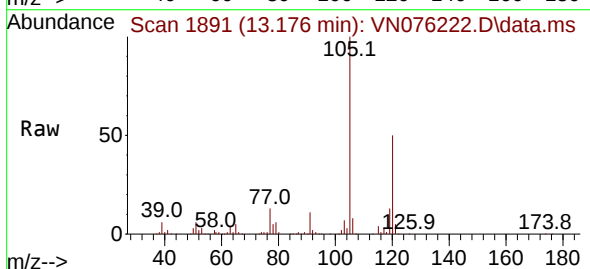
Manual Integrations
APPROVED

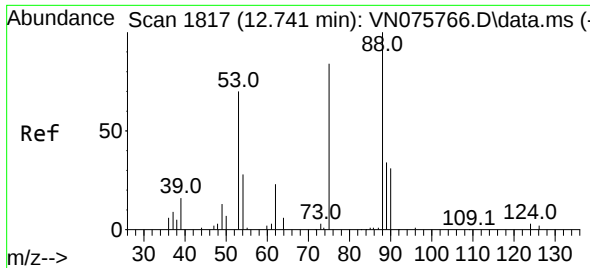
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.415 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

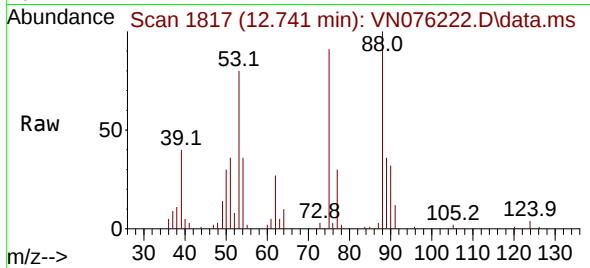
Tgt Ion:105 Resp: 265366
Ion Ratio Lower Upper
105 100
120 50.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.876 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

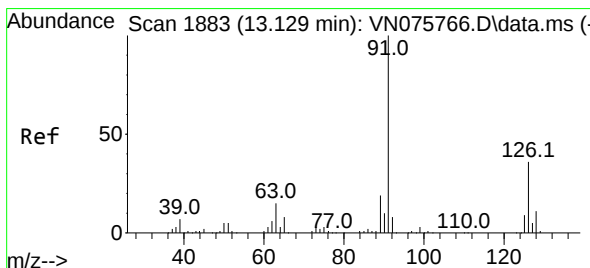
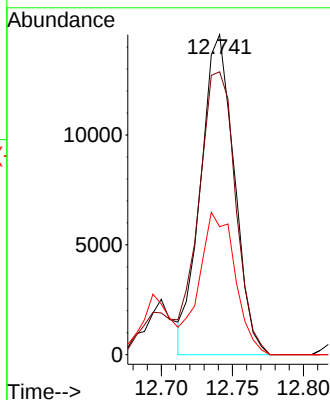
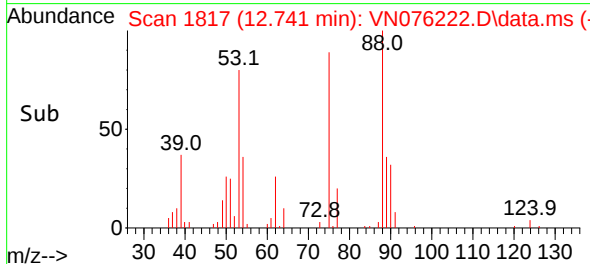
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



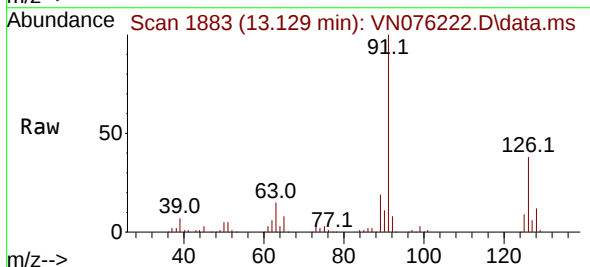
Tgt Ion: 75 Resp: 23889
Ion Ratio Lower Upper
75 100
53 110.7 73.8 110.6
89 47.7 39.5 59.3

Manual Integrations
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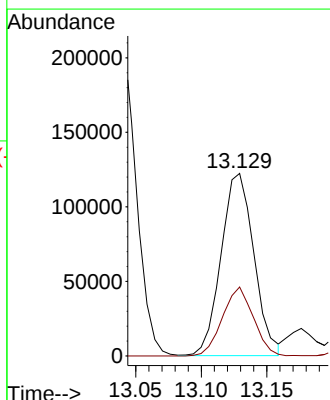
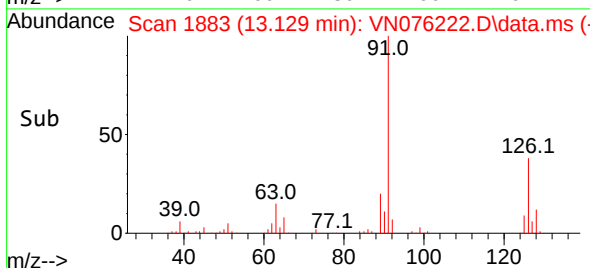
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

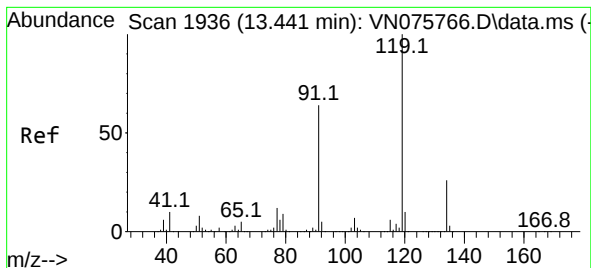


#82
4-Chlorotoluene
Concen: 18.972 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 91 Resp: 213314
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5





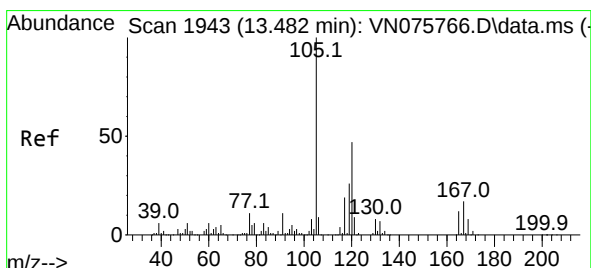
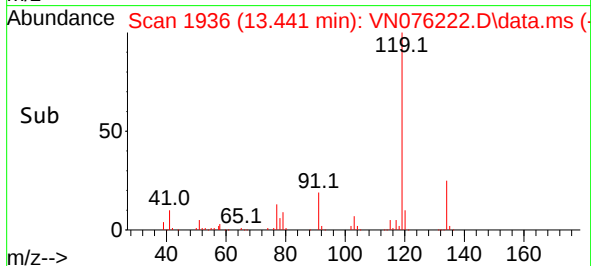
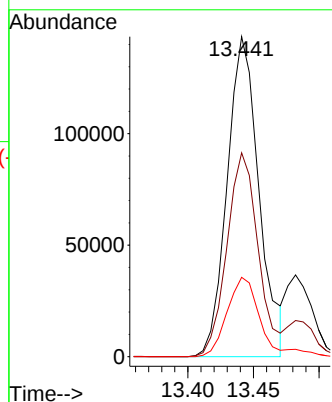
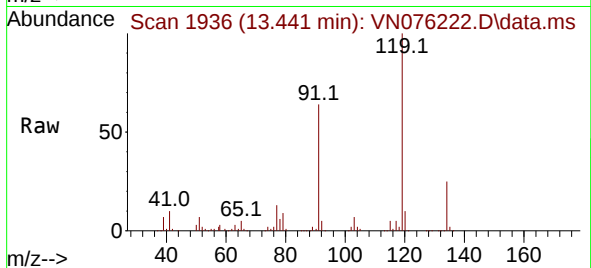
#83
tert-Butylbenzene
Concen: 20.114 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion:119 Resp: 242394
Ion Ratio Lower Upper
119 100
91 62.7 31.9 95.5
134 26.1 13.8 41.4

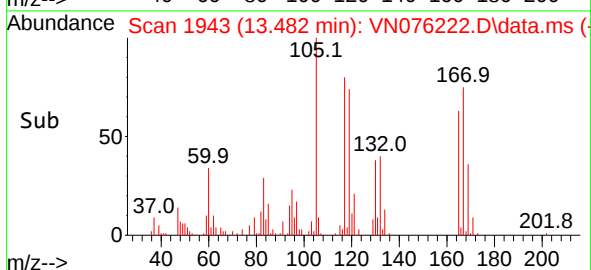
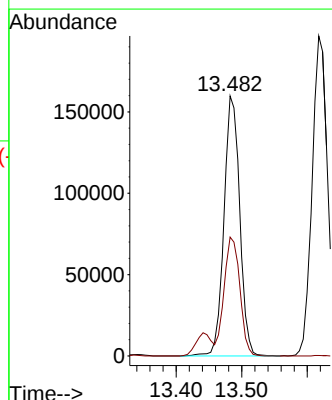
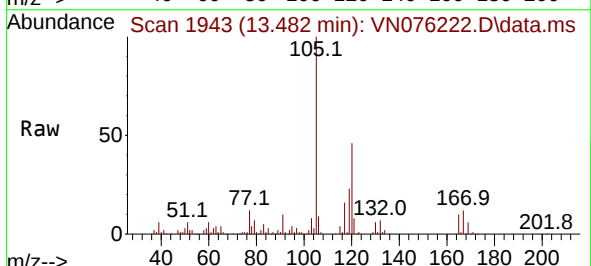
Manual Integrations
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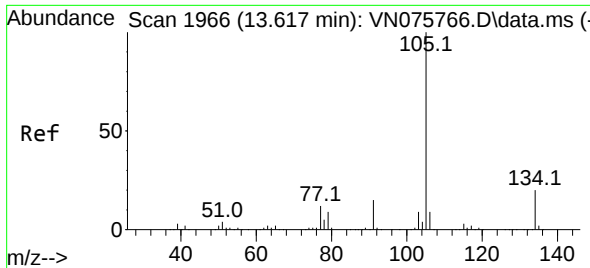
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.577 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Tgt Ion:105 Resp: 265452
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





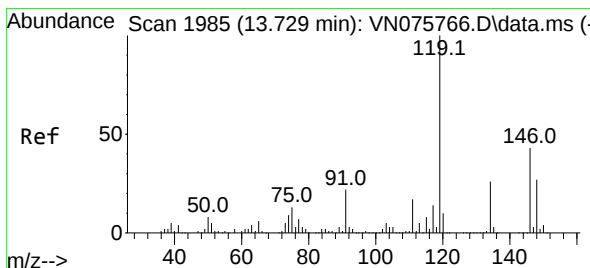
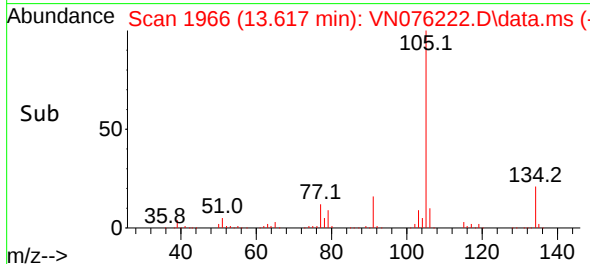
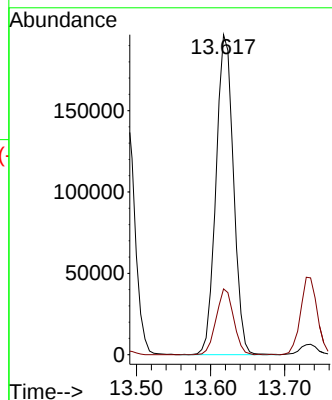
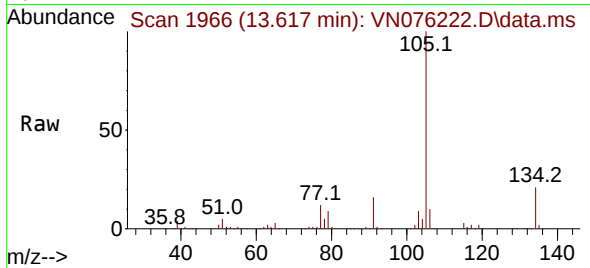
#85
 sec-Butylbenzene
 Concen: 19.341 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076222.D
 Acq: 12 Jan 2023 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01

Tgt Ion:105 Resp: 321700
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

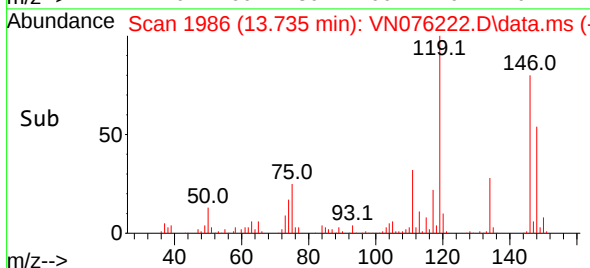
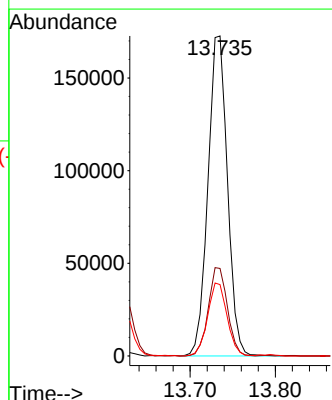
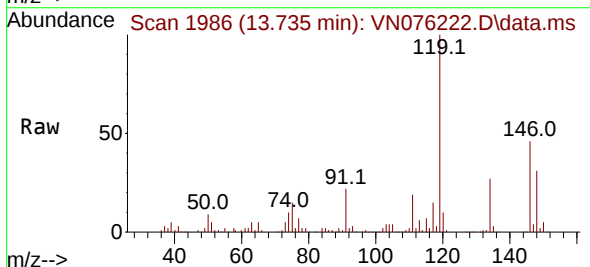
Manual Integrations
 APPROVED

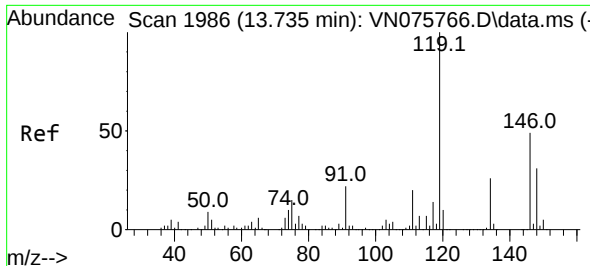
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#86
 p-Isopropyltoluene
 Concen: 19.858 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076222.D
 Acq: 12 Jan 2023 11:51

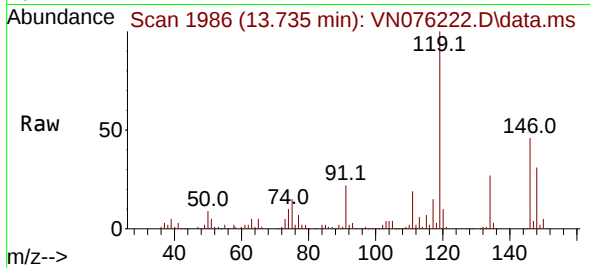
Tgt Ion:119 Resp: 274833
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.0 39.0
 91 22.8 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 18.393 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

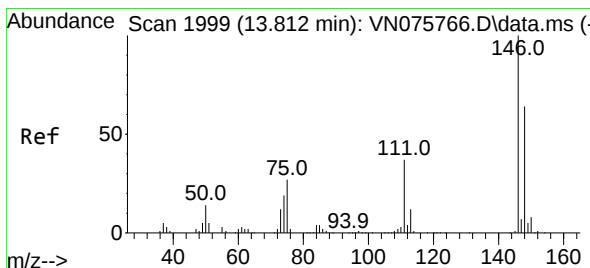
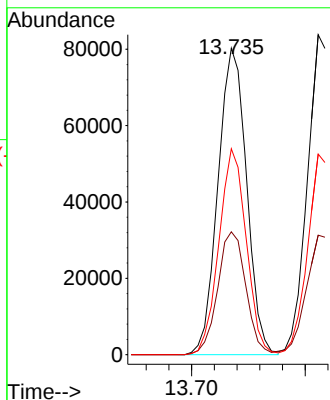
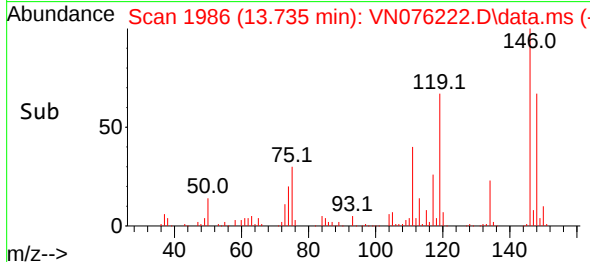
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



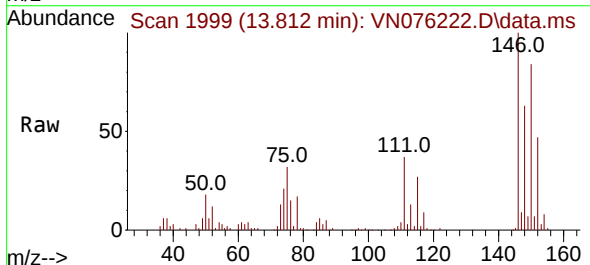
Tgt Ion:146 Resp: 140418
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 64.2 31.4 94.2

Manual Integrations
APPROVED

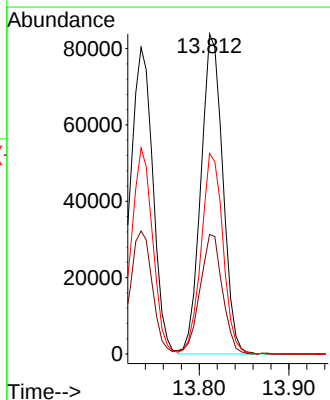
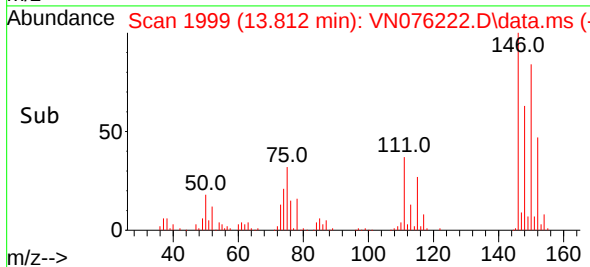
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

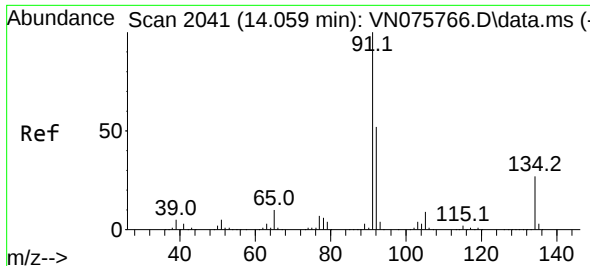


#88
1,4-Dichlorobenzene
Concen: 18.189 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



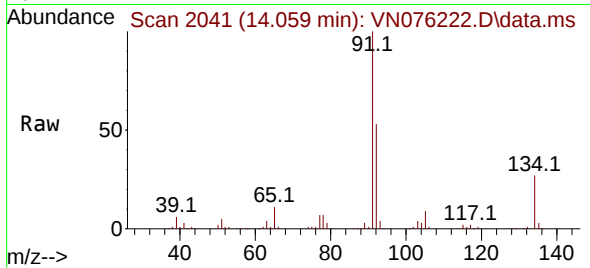
Tgt Ion:146 Resp: 141860
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 62.5 32.0 96.2





#89
n-Butylbenzene
Concen: 18.688 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

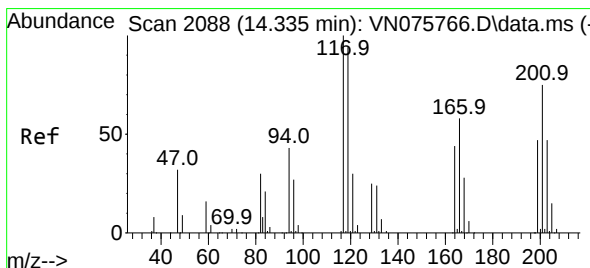
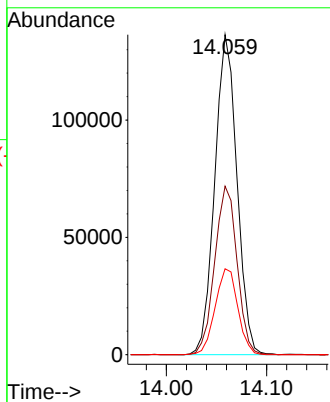
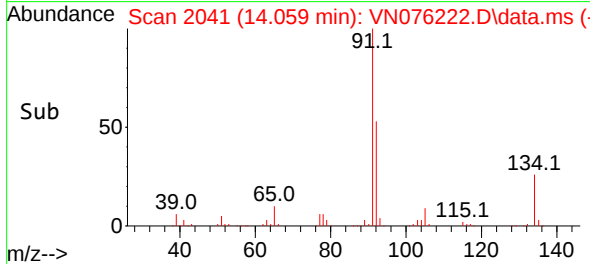
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 91 Resp: 20954
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 27.4 13.4 40.2

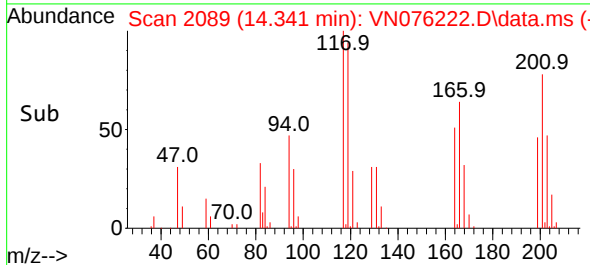
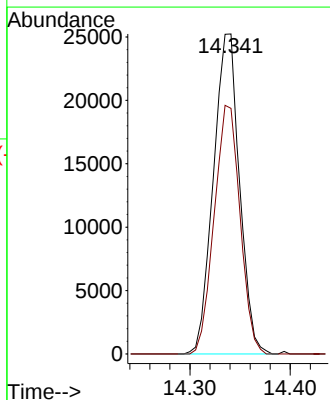
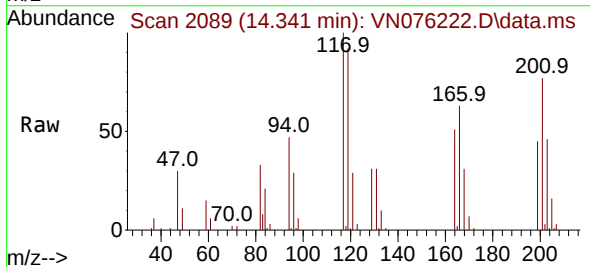
Manual Integrations
APPROVED

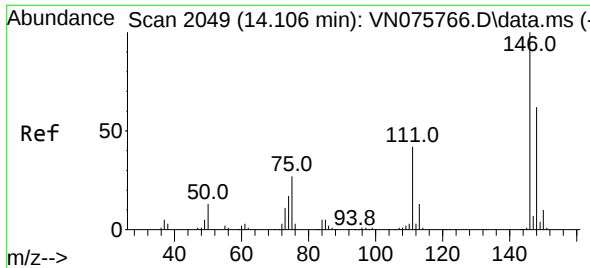
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#90
Hexachloroethane
Concen: 18.415 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

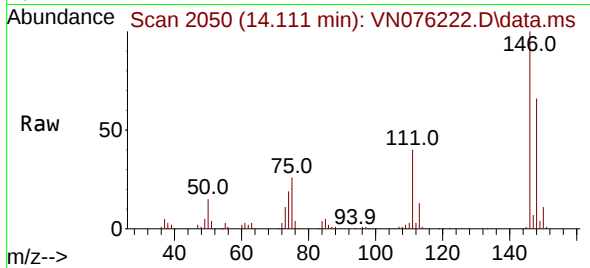
Tgt Ion:117 Resp: 45591
Ion Ratio Lower Upper
117 100
201 76.7 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 18.899 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

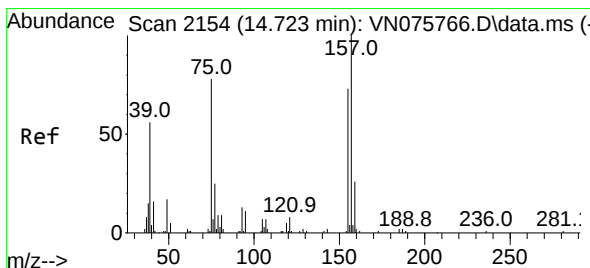
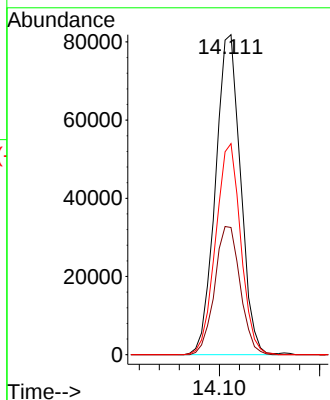
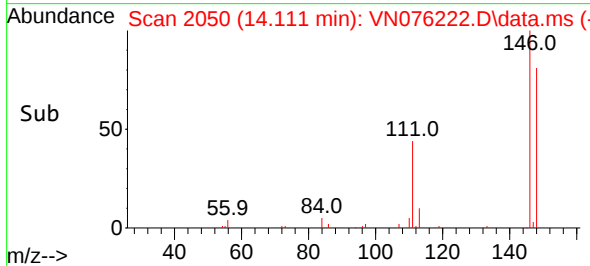
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



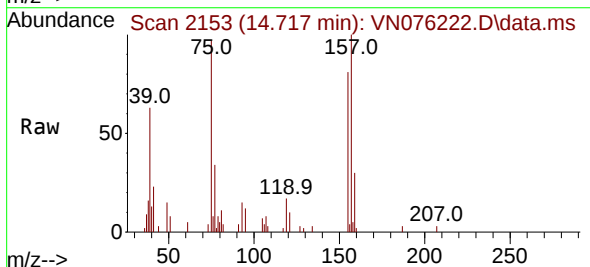
Tgt Ion:146 Resp: 142111
Ion Ratio Lower Upper
146 100
111 40.7 20.3 61.0
148 65.9 31.7 95.1

Manual Integrations
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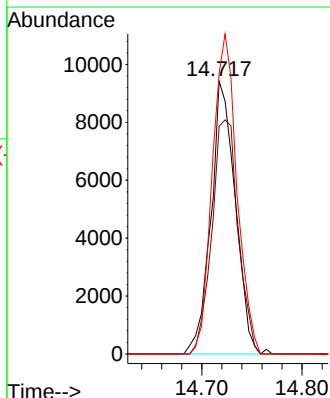
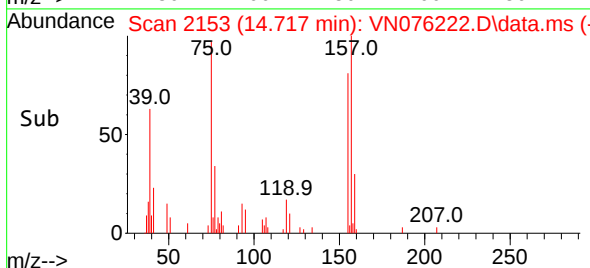
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

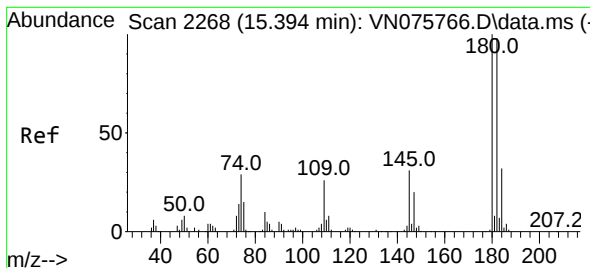


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.769 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51



Tgt Ion: 75 Resp: 15918
Ion Ratio Lower Upper
75 100
155 91.8 49.3 147.8
157 117.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.422 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion:180 Resp: 6858

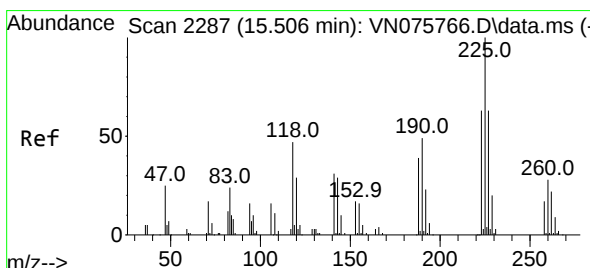
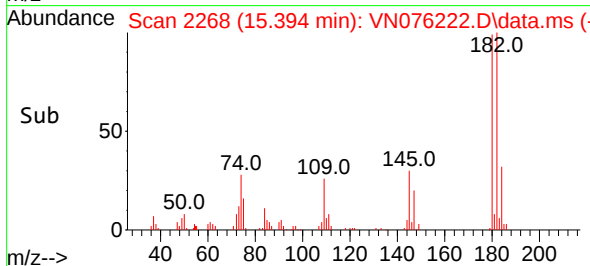
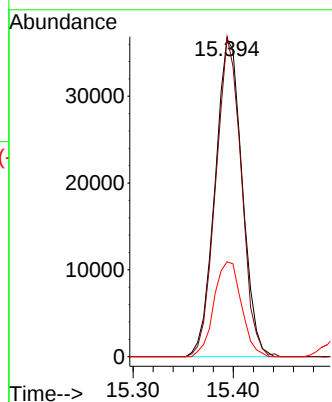
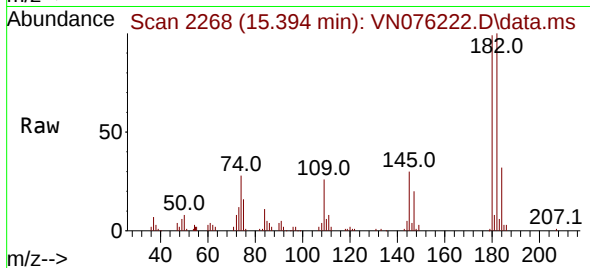
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.5
145	30.2	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#94

Hexachlorobutadiene

Concen: 18.627 ug/l

RT: 15.500 min Scan# 2286

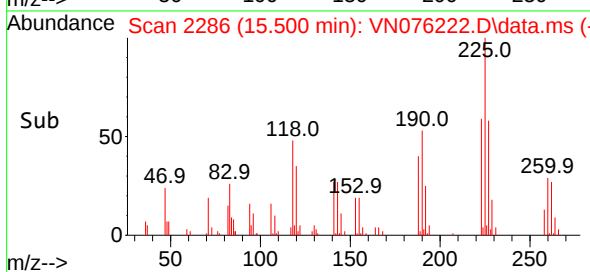
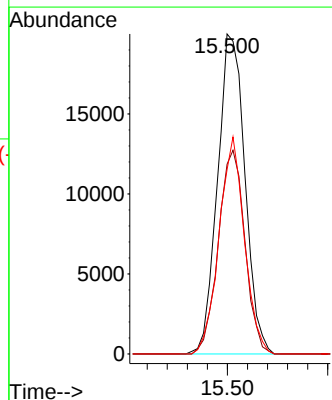
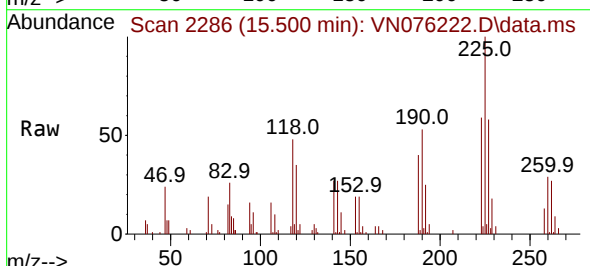
Delta R.T. -0.006 min

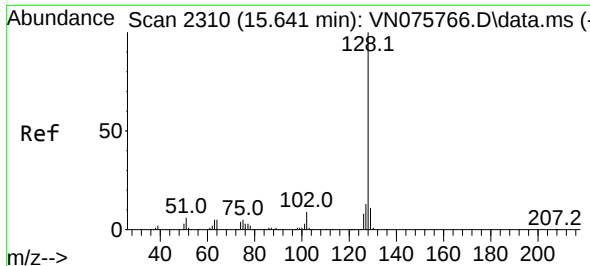
Lab File: VN076222.D

Acq: 12 Jan 2023 11:51

Tgt Ion:225 Resp: 37835

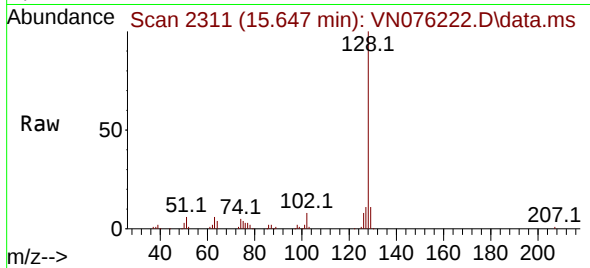
Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.5	94.5
227	62.6	31.6	95.0





#95
Naphthalene
Concen: 17.656 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

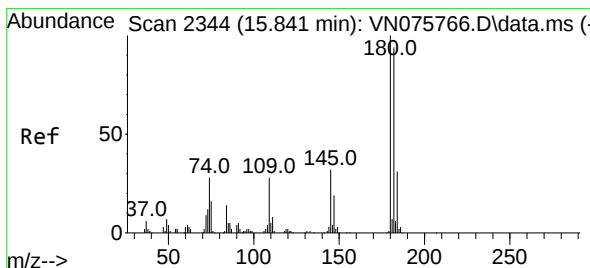
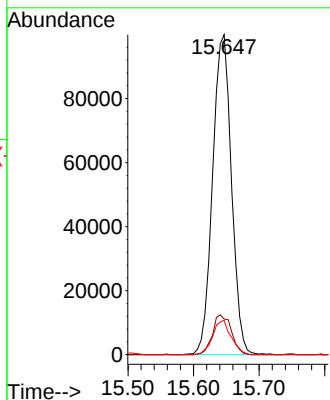
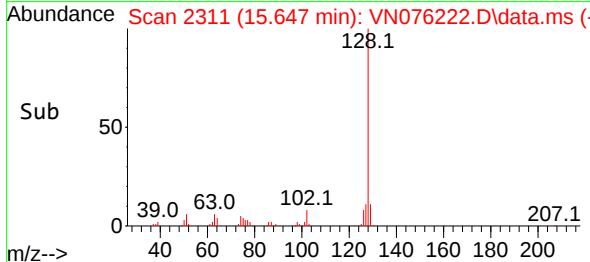
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion:128 Resp: 199036
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.073 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076222.D
Acq: 12 Jan 2023 11:51

Tgt Ion:180 Resp: 66368
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 33.1 16.0 47.9

