

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076239.D
 Acq On : 13 Jan 2023 11:16
 Operator : JC\MD
 Sample : VN0113WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 16 01:03:56 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	351992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	489826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	187282	48.907	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.820%		
35) Dibromofluoromethane	8.171	113	172194	49.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	10.571	98	607651	46.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.960%		
62) 4-Bromofluorobenzene	12.853	95	203391	47.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	59837	23.942	ug/l	98
3) Chloromethane	2.371	50	62144	19.996	ug/l	98
4) Vinyl Chloride	2.524	62	77262	20.841	ug/l	97
5) Bromomethane	2.965	94	65731	20.863	ug/l	97
6) Chloroethane	3.130	64	60797	22.146	ug/l	95
7) Trichlorofluoromethane	3.506	101	109351	19.440	ug/l	99
8) Diethyl Ether	3.971	74	39726	19.336	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	64386	20.045	ug/l	99
10) Methyl Iodide	4.606	142	90306	17.324	ug/l	97
11) Tert butyl alcohol	5.536	59	52405	96.715	ug/l	100
12) 1,1-Dichloroethene	4.353	96	57962	18.580	ug/l	99
13) Acrolein	4.195	56	61595	92.723	ug/l	97
14) Allyl chloride	5.036	41	74634	20.465	ug/l	97
15) Acrylonitrile	5.736	53	145817	98.614	ug/l	99
16) Acetone	4.442	43	129272	97.930	ug/l	97
17) Carbon Disulfide	4.730	76	124431	16.474	ug/l	99
18) Methyl Acetate	5.036	43	84879	21.753	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	210672	20.507	ug/l	99
20) Methylene Chloride	5.295	84	68339	18.955	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	61093	17.882	ug/l	88
22) Diisopropyl ether	6.683	45	175234	19.780	ug/l	97
23) Vinyl Acetate	6.618	43	567241	95.129	ug/l	96
24) 1,1-Dichloroethane	6.583	63	112316	19.010	ug/l	99
25) 2-Butanone	7.494	43	192709	104.262	ug/l	96
26) 2,2-Dichloropropane	7.506	77	95587	19.104	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	75266	18.420	ug/l	96
28) Bromochloromethane	7.818	49	45057	17.399	ug/l	97
29) Tetrahydrofuran	7.847	42	122295	105.583	ug/l	96
30) Chloroform	7.971	83	124416	18.703	ug/l	93
31) Cyclohexane	8.265	56	96682	17.629	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	113153	19.186	ug/l	96
36) 1,1-Dichloropropene	8.377	75	87381	19.017	ug/l	99
37) Ethyl Acetate	7.571	43	78159	21.176	ug/l	99
38) Carbon Tetrachloride	8.371	117	100122	19.468	ug/l	98
39) Methylcyclohexane	9.606	83	106004	19.122	ug/l	100
40) Benzene	8.612	78	267496	18.868	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	38992	20.324	ug/l	94
42) 1,2-Dichloroethane	8.677	62	92623	19.652	ug/l	100
43) Isopropyl Acetate	8.694	43	124427	20.437	ug/l	99
44) Trichloroethene	9.359	130	73029	18.285	ug/l	98
45) 1,2-Dichloropropane	9.630	63	66810	19.366	ug/l	97
46) Dibromomethane	9.718	93	47945	18.737	ug/l	98
47) Bromodichloromethane	9.894	83	94838	18.900	ug/l	96
48) Methyl methacrylate	9.688	41	58330	21.271	ug/l	97
49) 1,4-Dioxane	9.694	88	25900	384.190	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	389179	105.697	ug/l	98
52) Toluene	10.635	92	178179	19.298	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	93637	19.063	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	103530	19.197	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	70786	19.532	ug/l	97
56) Ethyl methacrylate	10.877	69	96471	20.041	ug/l	97
57) 1,3-Dichloropropane	11.165	76	114946	19.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	164755	107.499	ug/l	100
59) 2-Hexanone	11.200	43	283951	105.747	ug/l	98
60) Dibromochloromethane	11.359	129	75933	18.840	ug/l	99
61) 1,2-Dibromoethane	11.471	107	69634	18.987	ug/l	98
64) Tetrachloroethene	11.106	164	77043	22.352	ug/l	96
65) Chlorobenzene	11.894	112	189115	18.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	71592	19.225	ug/l	98
67) Ethyl Benzene	11.965	91	331940	19.563	ug/l	100
68) m/p-Xylenes	12.071	106	263121	39.179	ug/l	100
69) o-Xylene	12.400	106	130504	19.636	ug/l	98
70) Styrene	12.418	104	206934	19.583	ug/l	100
71) Bromoform	12.582	173	53146	19.614	ug/l #	99
73) Isopropylbenzene	12.700	105	336039	21.004	ug/l	100
74) N-amyl acetate	12.500	43	99369	21.172	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	97773	19.769	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	79272m	17.763	ug/l	
77) Bromobenzene	12.982	156	77407	19.118	ug/l	98
78) n-propylbenzene	13.041	91	371308	21.042	ug/l	99
79) 2-Chlorotoluene	13.129	91	218382	19.826	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	281904	21.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25620	20.664	ug/l	93
82) 4-Chlorotoluene	13.129	91	218382	19.826	ug/l	99
83) tert-Butylbenzene	13.441	119	256571	21.733	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	272422	20.508	ug/l	99
85) sec-Butylbenzene	13.618	105	342090	20.994	ug/l	98
86) p-Isopropyltoluene	13.735	119	282936	20.868	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	141803	18.960	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	140224	18.353	ug/l	99
89) n-Butylbenzene	14.059	91	209969	19.115	ug/l	100
90) Hexachloroethane	14.335	117	47603	19.627	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	139504	18.937	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15533	17.700	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	59544	16.326	ug/l	97
94) Hexachlorobutadiene	15.506	225	35987	18.085	ug/l	100
95) Naphthalene	15.647	128	182323	16.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	59534	17.465	ug/l	98

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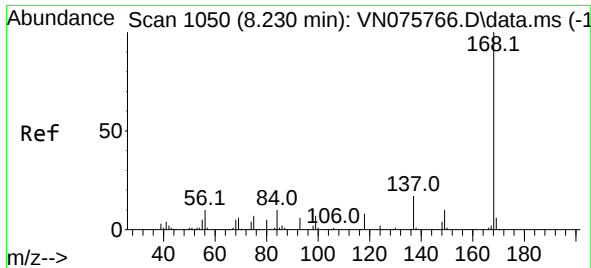
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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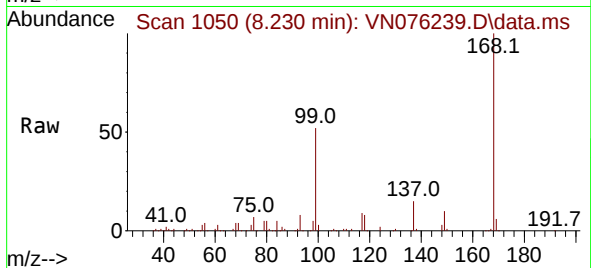
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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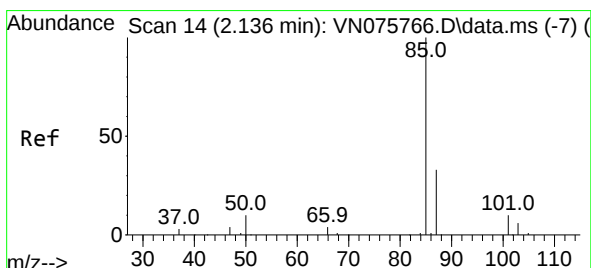
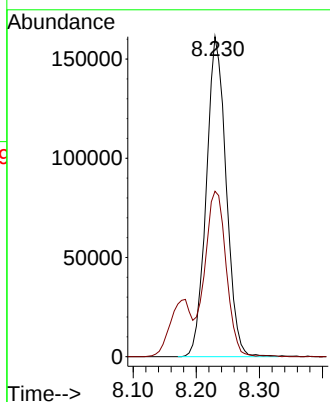
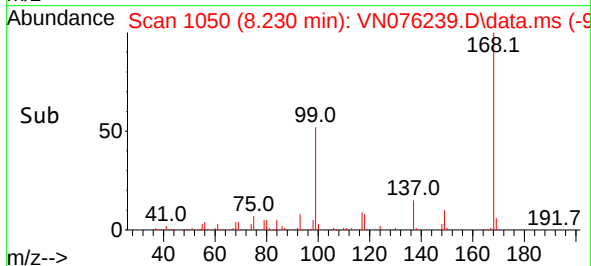
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion:168 Resp: 351992
Ion Ratio Lower Upper
168 100
99 51.5 44.2 66.4

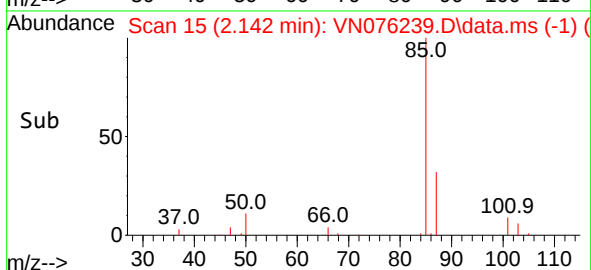
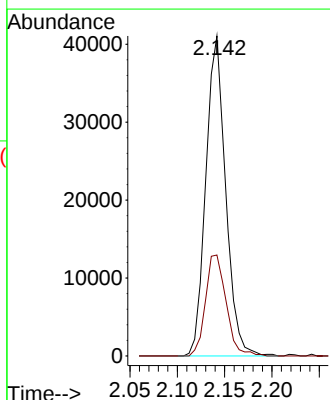
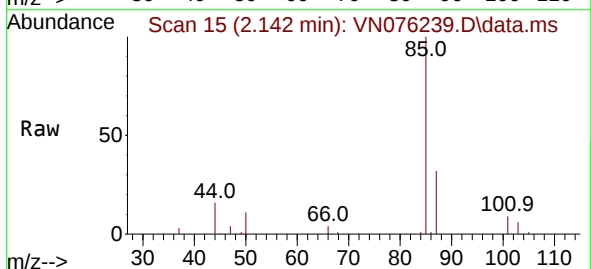
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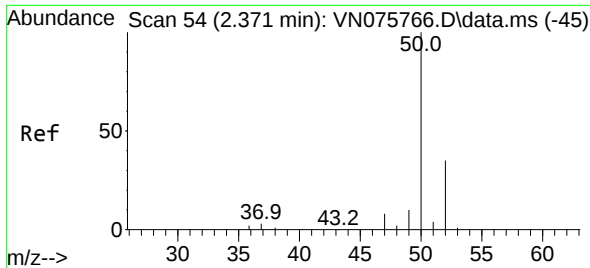
Reviewed By :John Carlone 01/16/2023
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#2
Dichlorodifluoromethane
Concen: 23.942 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

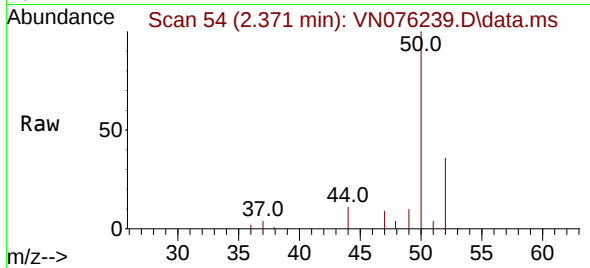
Tgt Ion: 85 Resp: 59837
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 19.996 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

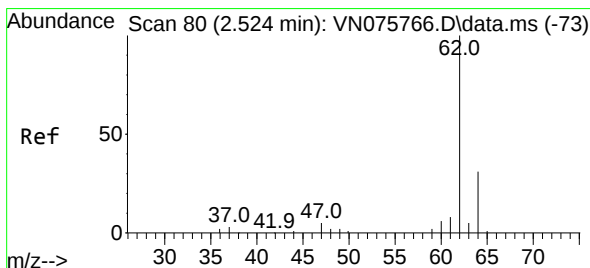
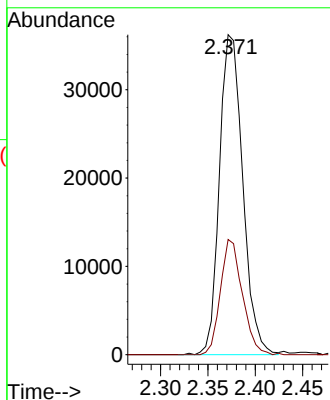
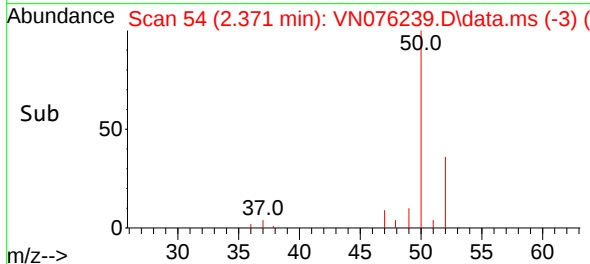
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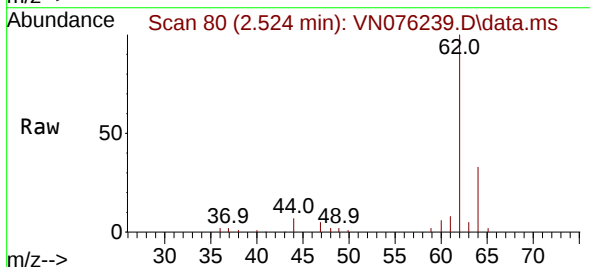
Tgt Ion: 50 Resp: 62144
Ion Ratio Lower Upper
50 100
52 36.0 27.7 41.5

Manual Integrations
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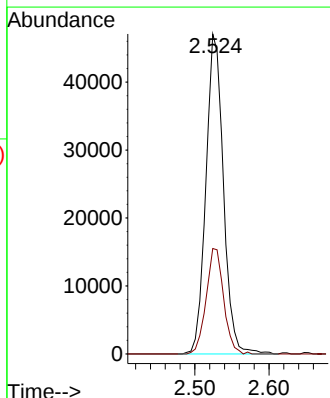
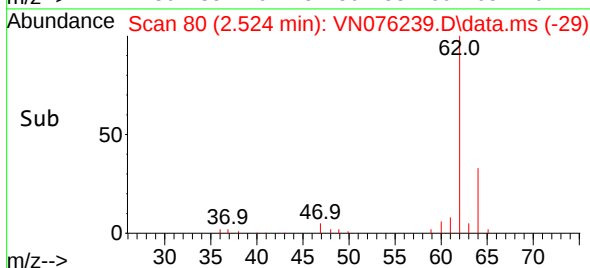
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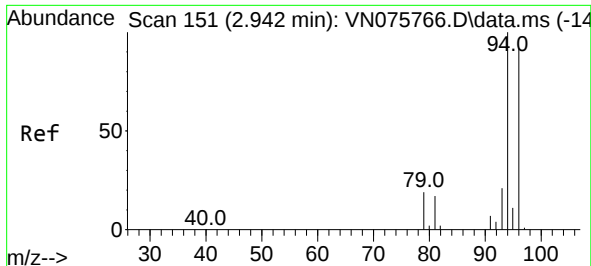


#4
Vinyl Chloride
Concen: 20.841 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



Tgt Ion: 62 Resp: 77262
Ion Ratio Lower Upper
62 100
64 32.9 24.9 37.3





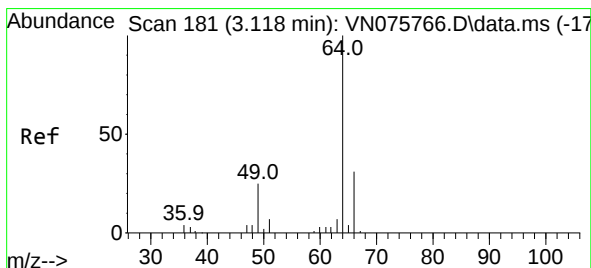
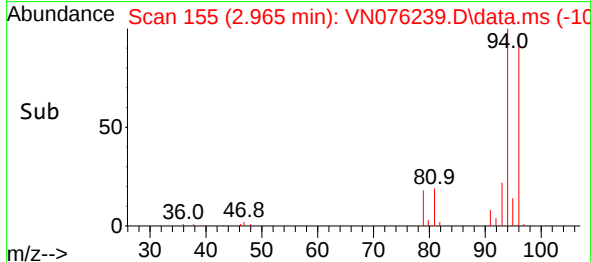
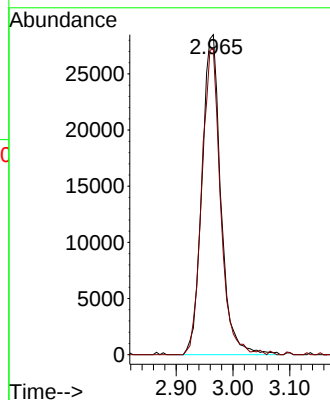
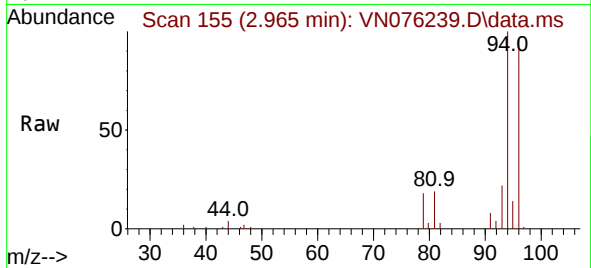
#5
Bromomethane
Concen: 20.863 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
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Tgt Ion: 94 Resp: 6573
Ion Ratio Lower Upper
94 100
96 95.5 73.8 110.6

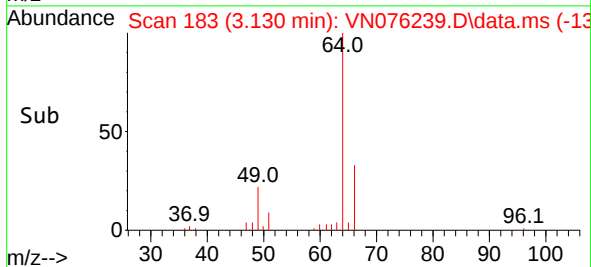
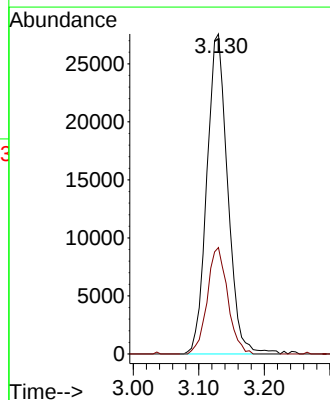
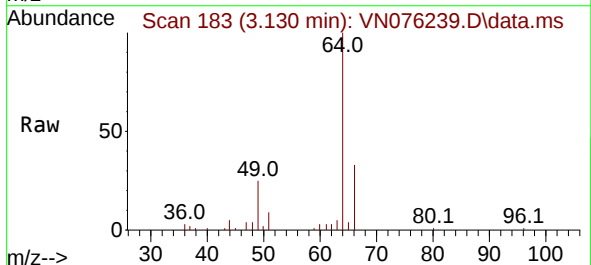
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#6
Chloroethane
Concen: 22.146 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

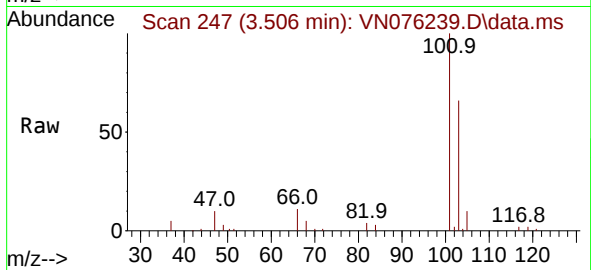
Tgt Ion: 64 Resp: 60797
Ion Ratio Lower Upper
64 100
66 33.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 19.440 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

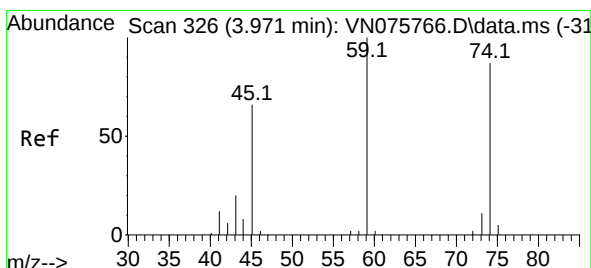
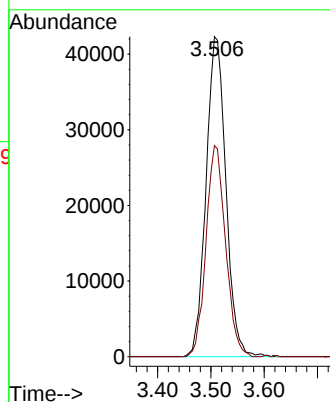
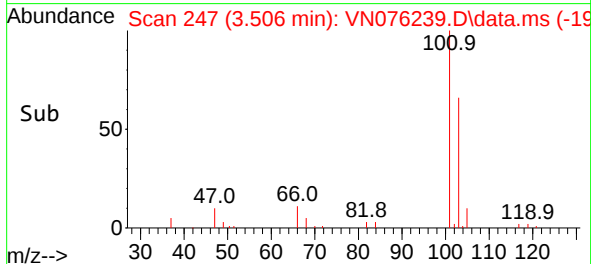
Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 10935
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.4 80.2

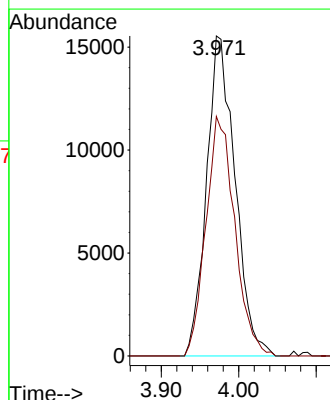
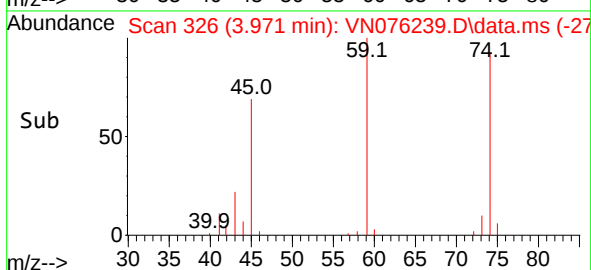
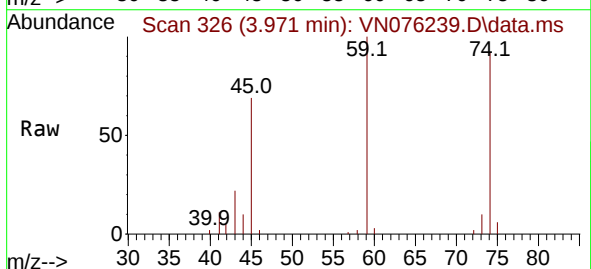
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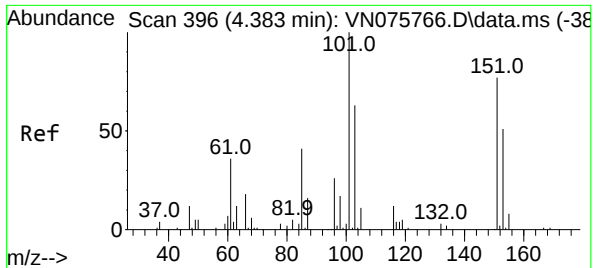
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#8
 Diethyl Ether
 Concen: 19.336 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 39726
 Ion Ratio Lower Upper
 74 100
 45 75.8 37.8 113.4





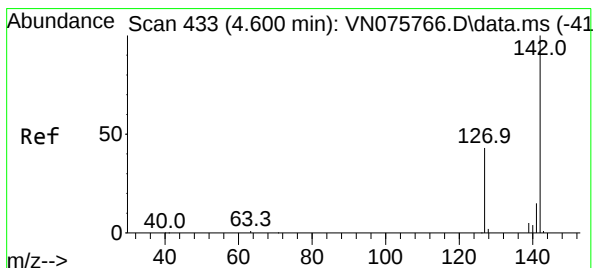
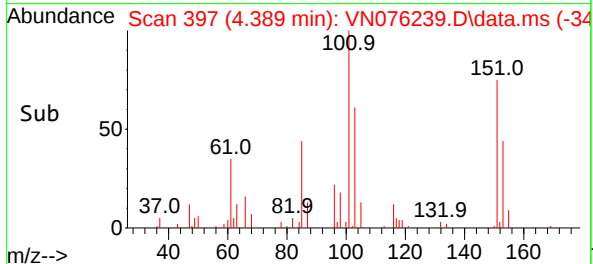
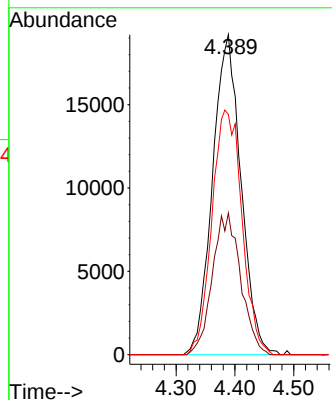
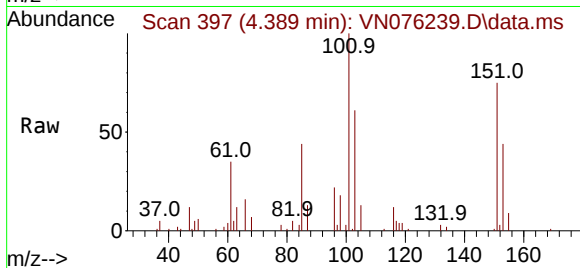
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.045 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:101 Resp: 64386
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 80.6 65.6 98.4

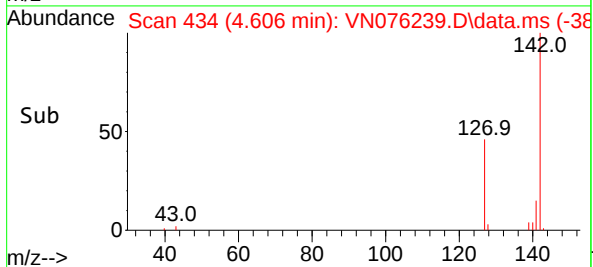
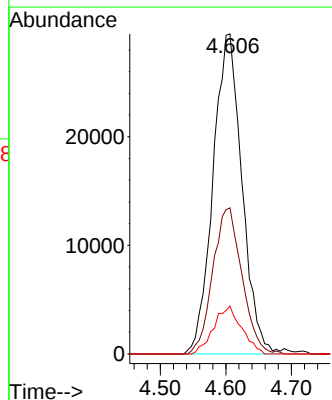
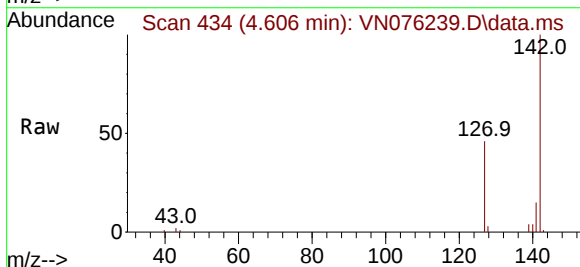
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#10
Methyl Iodide
Concen: 17.324 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

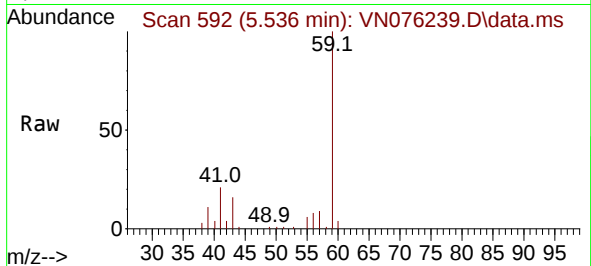
Tgt Ion:142 Resp: 90306
Ion Ratio Lower Upper
142 100
127 46.0 34.7 52.1
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 96.715 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

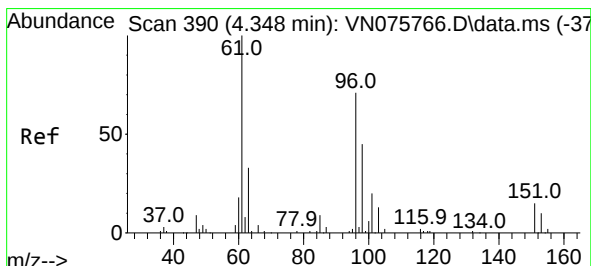
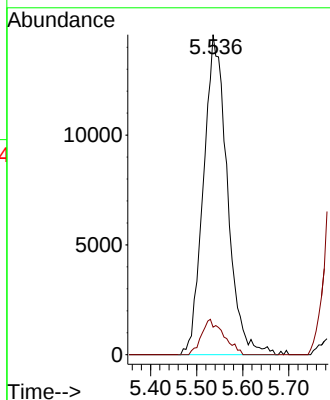
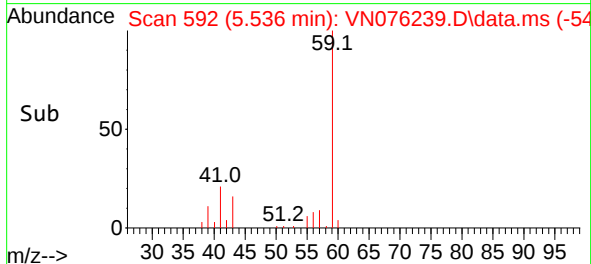
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



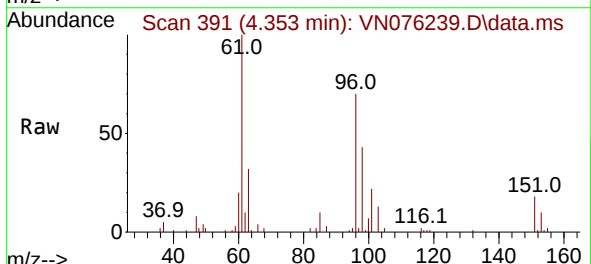
Tgt Ion: 59 Resp: 5240
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
APPROVED

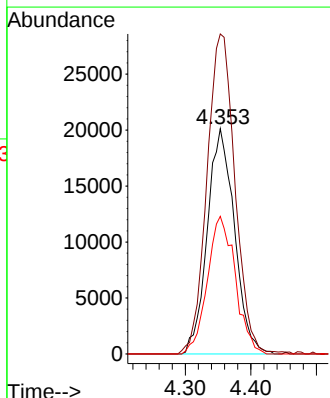
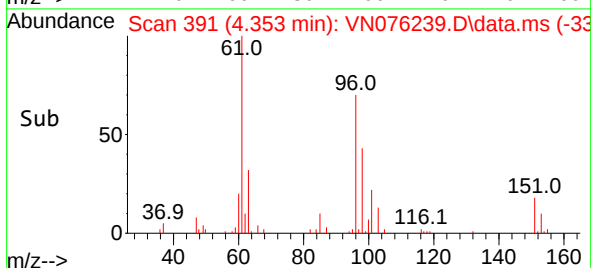
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

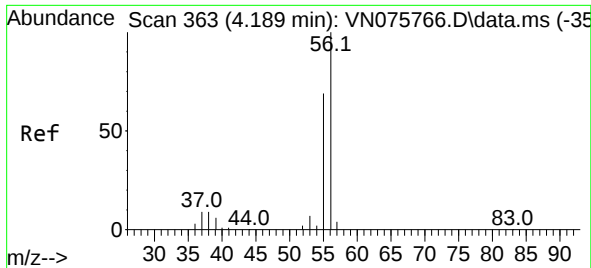


#12
1,1-Dichloroethene
Concen: 18.580 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



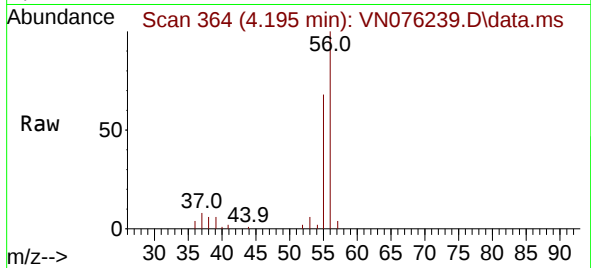
Tgt Ion: 96 Resp: 57962
Ion Ratio Lower Upper
96 100
61 142.1 113.3 169.9
98 61.1 50.9 76.3





#13
Acrolein
Concen: 92.723 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

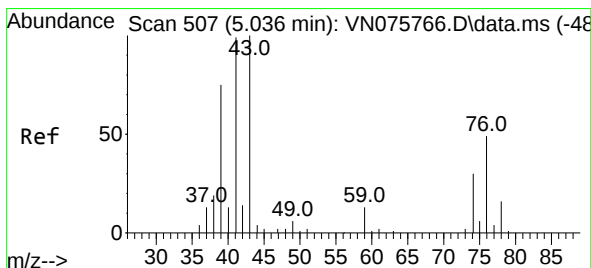
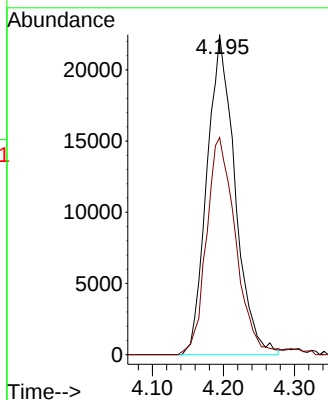
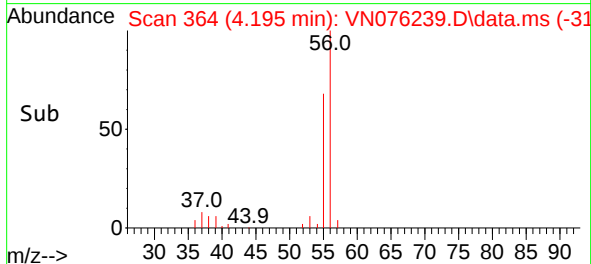
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 56 Resp: 6159
Ion Ratio Lower Upper
56 100
55 70.6 54.8 82.2

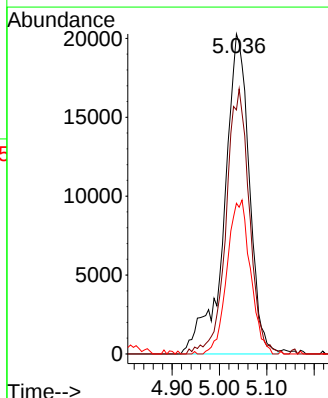
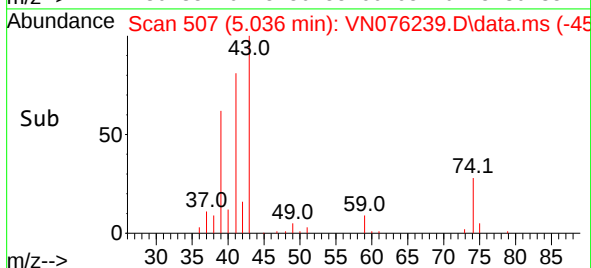
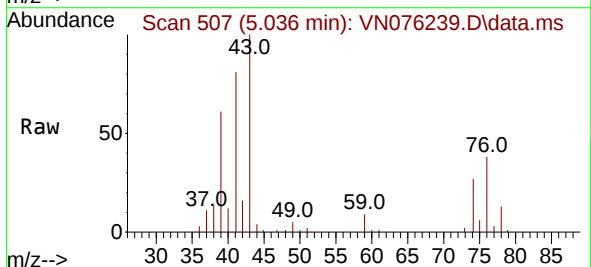
Manual Integrations
APPROVED

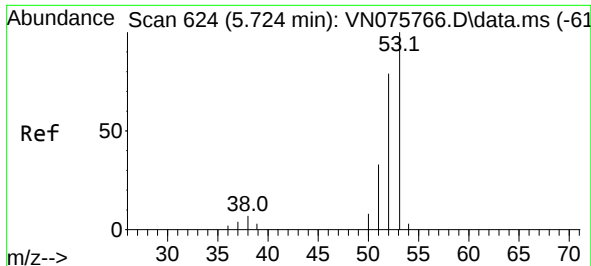
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#14
Allyl chloride
Concen: 20.465 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

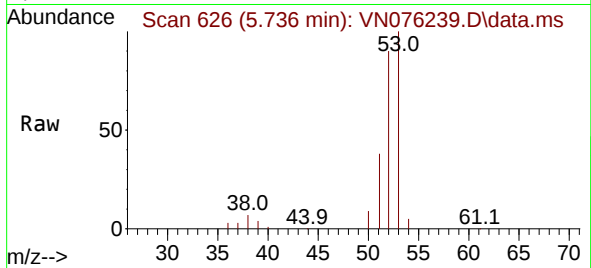
Tgt Ion: 41 Resp: 74634
Ion Ratio Lower Upper
41 100
39 76.8 58.3 87.5
76 44.8 35.8 53.6





#15
Acrylonitrile
Concen: 98.614 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

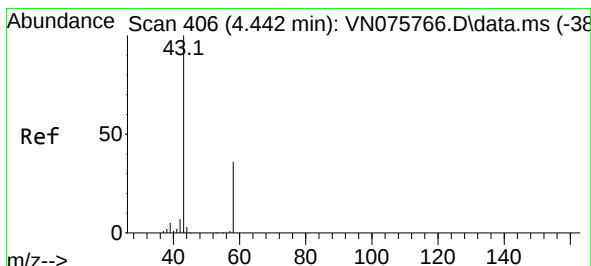
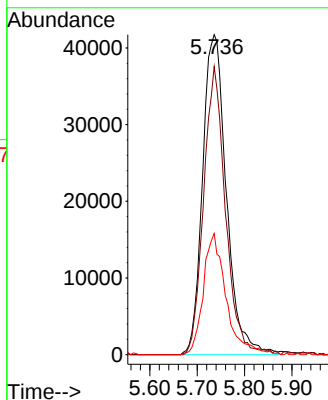
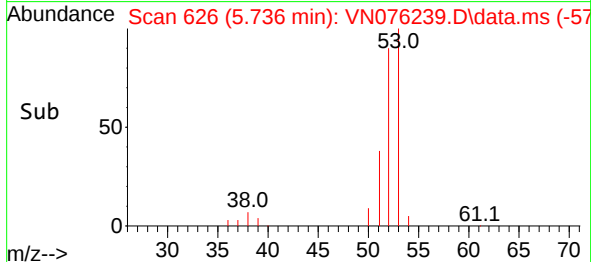
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 53 Resp: 145817
Ion Ratio Lower Upper
53 100
52 82.5 65.4 98.0
51 36.2 28.9 43.3

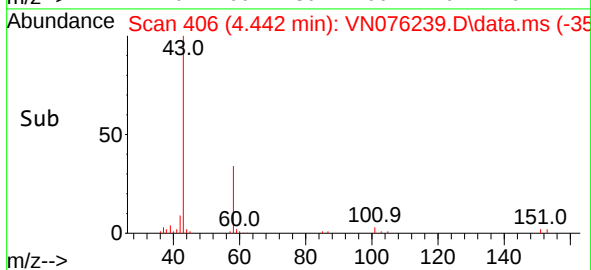
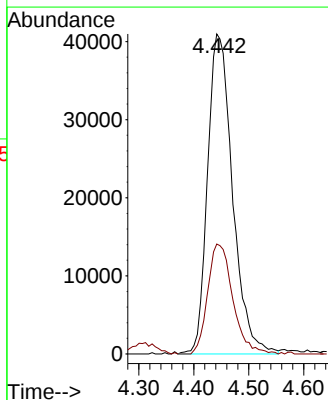
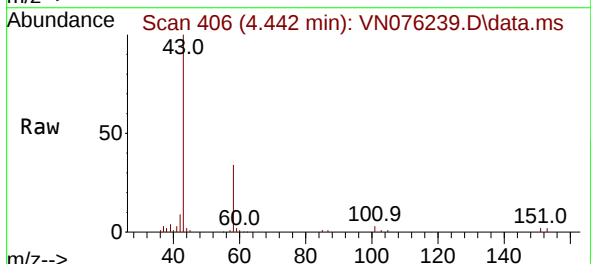
Manual Integrations
APPROVED

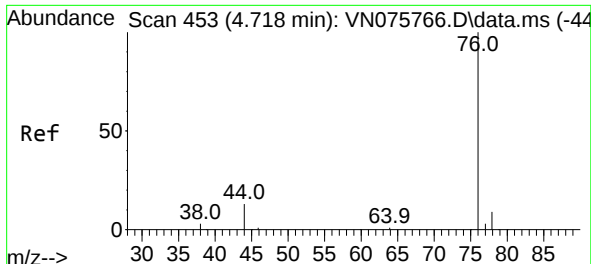
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#16
Acetone
Concen: 97.930 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 129272
Ion Ratio Lower Upper
43 100
58 34.3 28.6 43.0





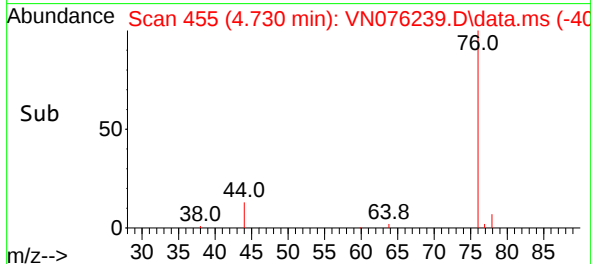
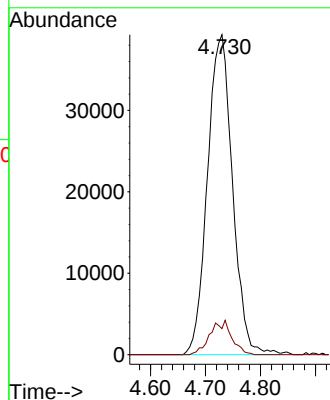
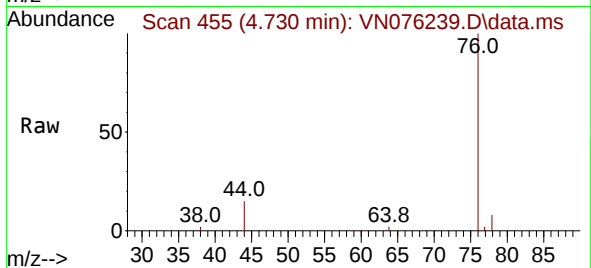
#17
Carbon Disulfide
Concen: 16.474 ug/l
RT: 4.730 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 76 Resp: 12443
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2

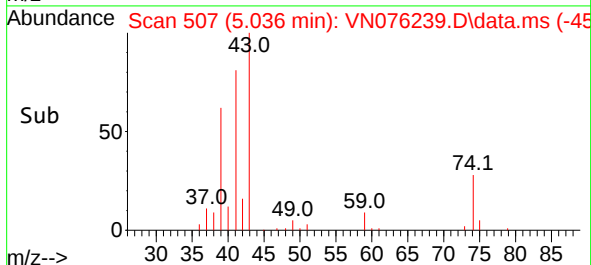
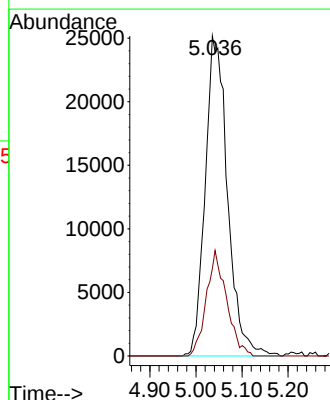
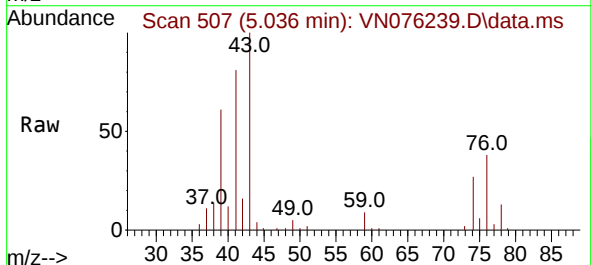
Manual Integrations
APPROVED

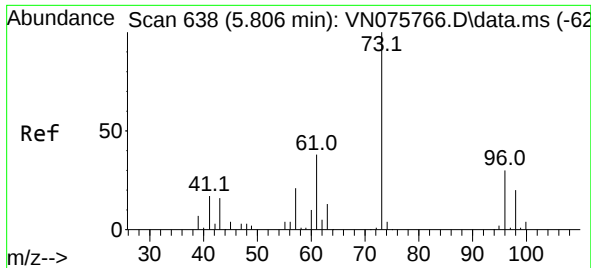
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#18
Methyl Acetate
Concen: 21.753 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 84879
Ion Ratio Lower Upper
43 100
74 29.9 23.6 35.4





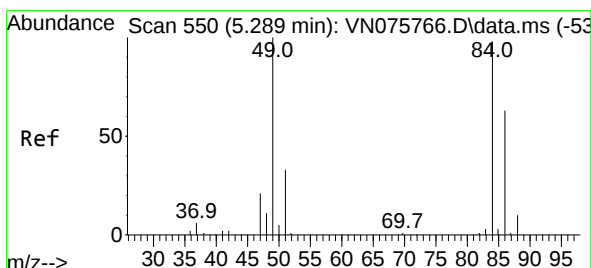
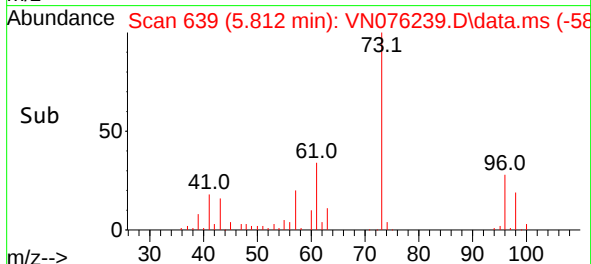
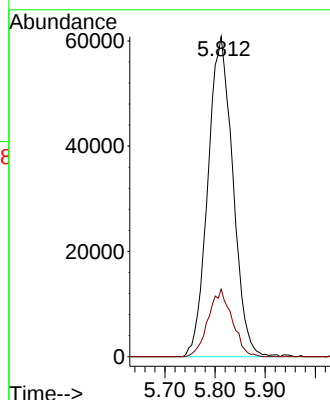
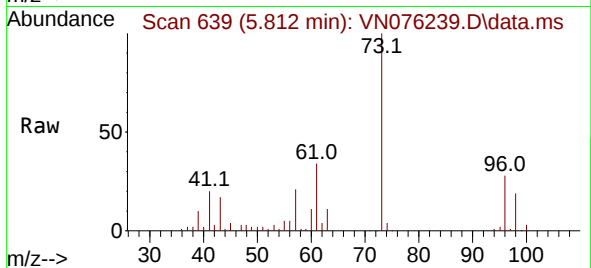
#19
Methyl tert-butyl Ether
Concen: 20.507 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 73 Resp: 210672
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7

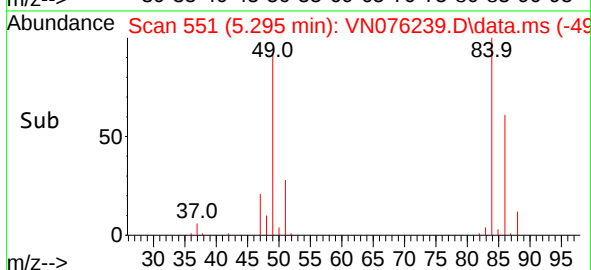
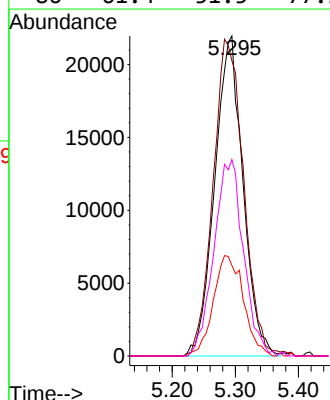
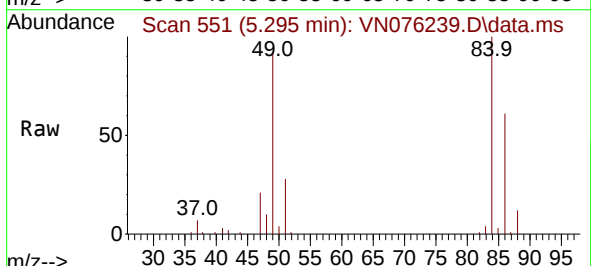
Manual Integrations
APPROVED

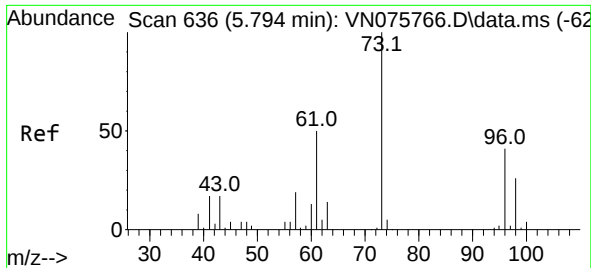
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#20
Methylene Chloride
Concen: 18.955 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 84 Resp: 68339
Ion Ratio Lower Upper
84 100
49 92.3 81.8 122.6
51 28.3 26.7 40.1
86 61.4 51.5 77.3





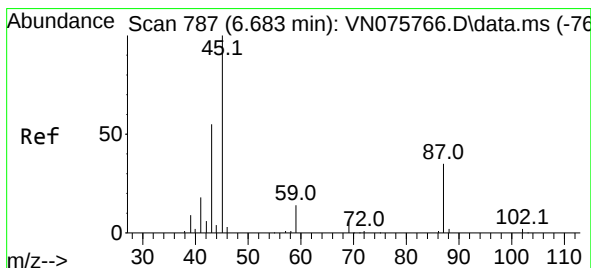
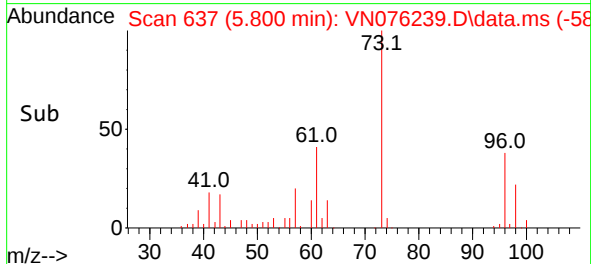
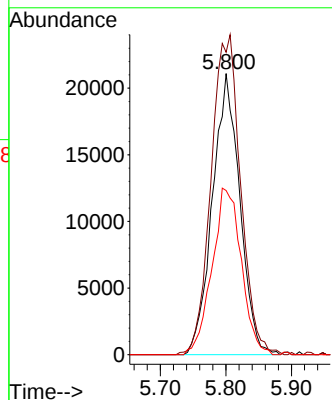
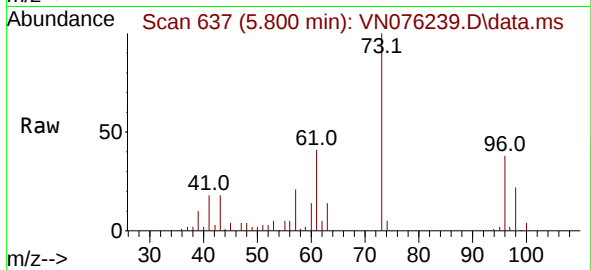
#21
trans-1,2-Dichloroethene
Concen: 17.882 ug/l
RT: 5.800 min Scan# 6109
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 96 Resp: 6109
Ion Ratio Lower Upper
96 100
61 106.8 98.1 147.1
98 58.4 51.4 77.2

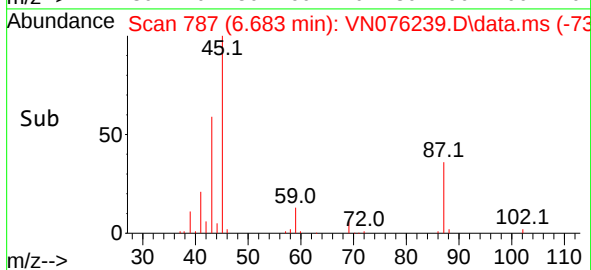
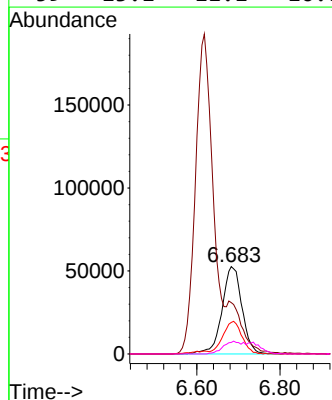
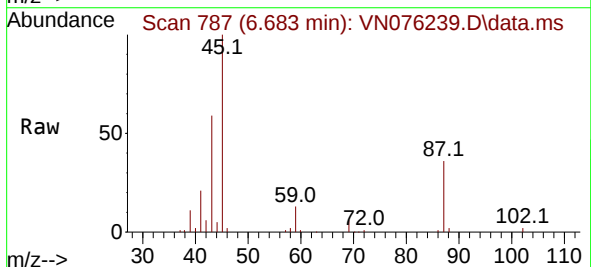
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#22
Diisopropyl ether
Concen: 19.780 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 45 Resp: 175234
Ion Ratio Lower Upper
45 100
43 57.9 44.2 66.4
87 36.1 28.3 42.5
59 13.1 11.1 16.7





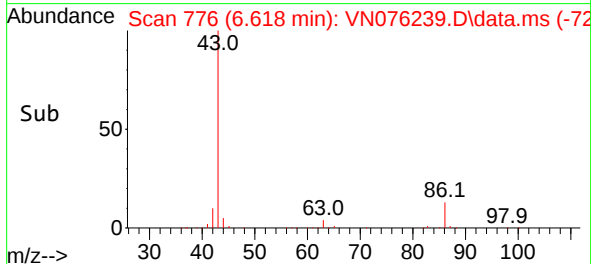
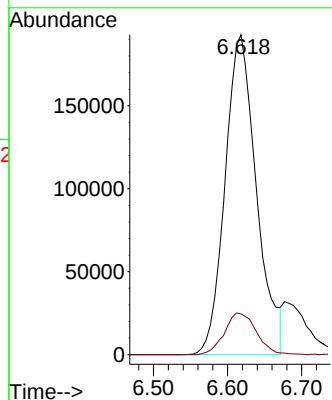
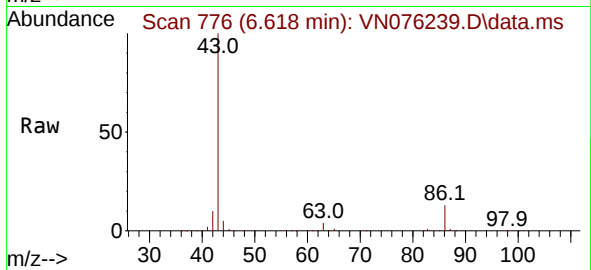
#23
 Vinyl Acetate
 Concen: 95.129 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01

Tgt Ion: 43 Resp: 56724
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.4 17.2

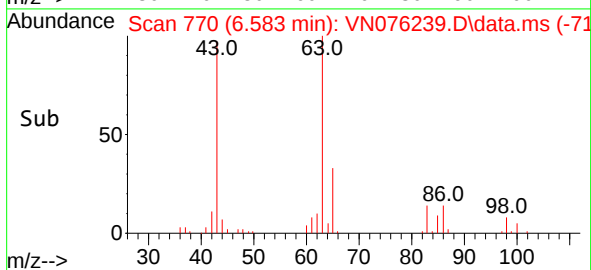
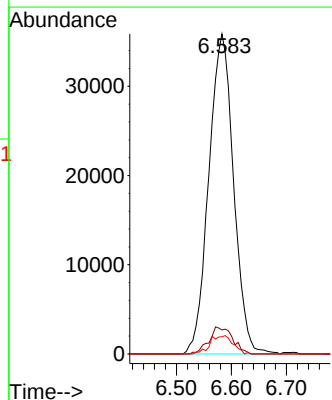
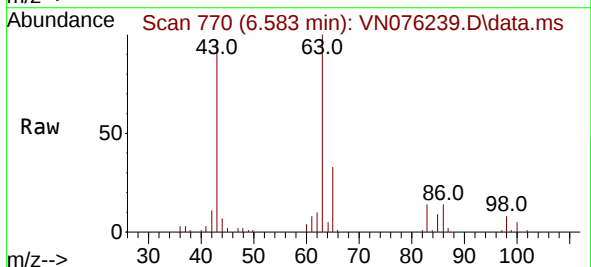
Manual Integrations
 APPROVED

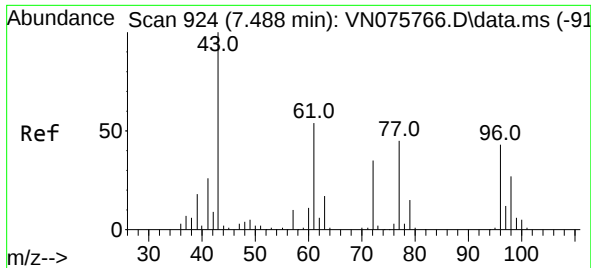
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#24
 1,1-Dichloroethane
 Concen: 19.010 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

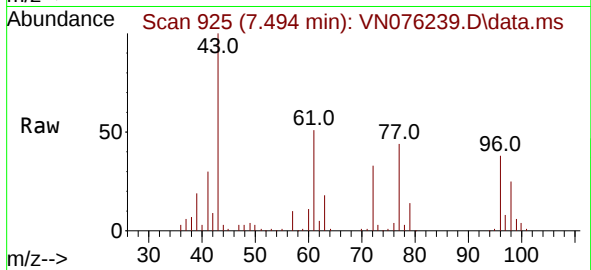
Tgt Ion: 63 Resp: 112316
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.5
 100 5.4 2.5 7.6





#25
2-Butanone
Concen: 104.262 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

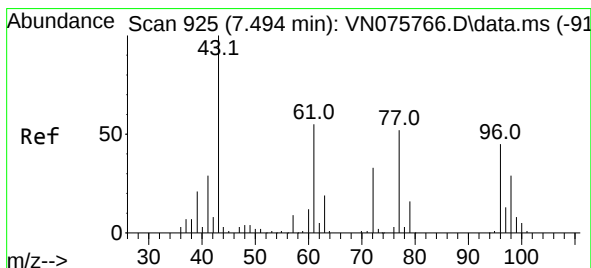
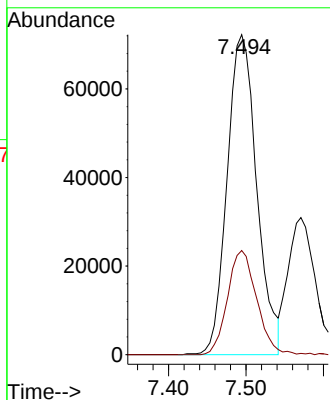
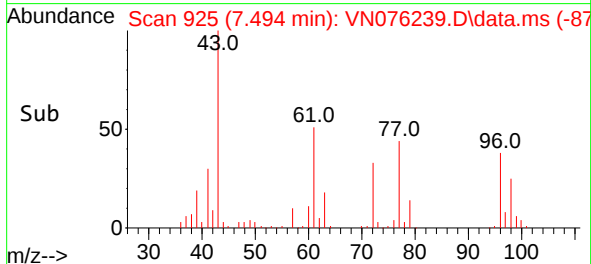
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



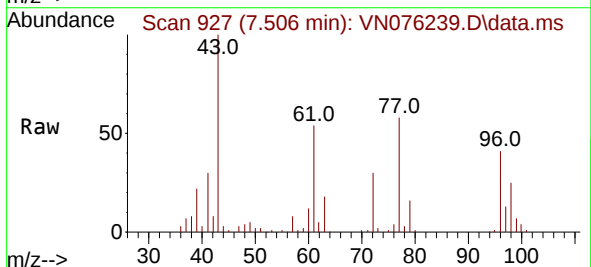
Tgt Ion: 43 Resp: 192709
Ion Ratio Lower Upper
43 100
72 32.6 28.0 42.0

Manual Integrations
APPROVED

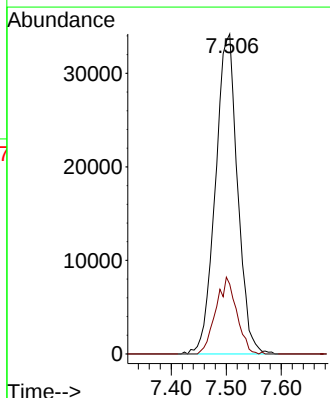
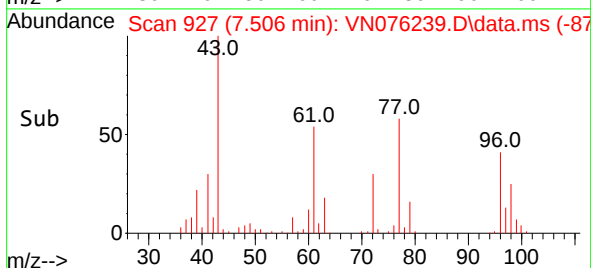
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#26
2,2-Dichloropropane
Concen: 19.104 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.012 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



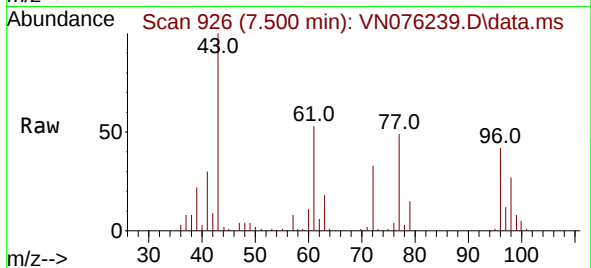
Tgt Ion: 77 Resp: 95587
Ion Ratio Lower Upper
77 100
97 22.6 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 18.420 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

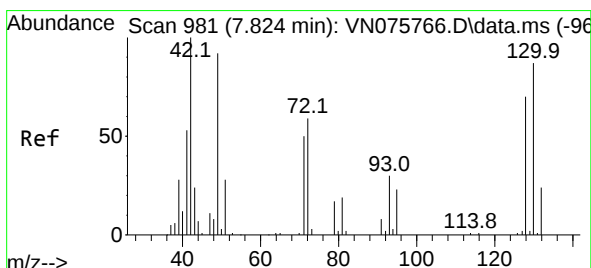
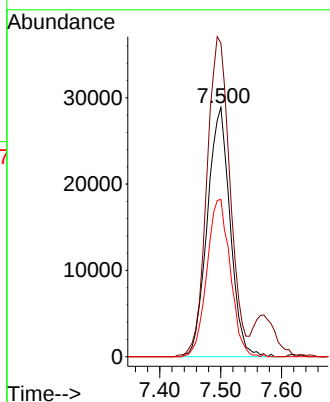
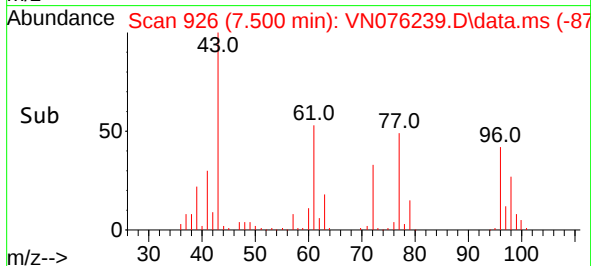
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 96 Resp: 75260
Ion Ratio Lower Upper
96 100
61 130.7 0.0 247.8
98 64.3 0.0 128.4

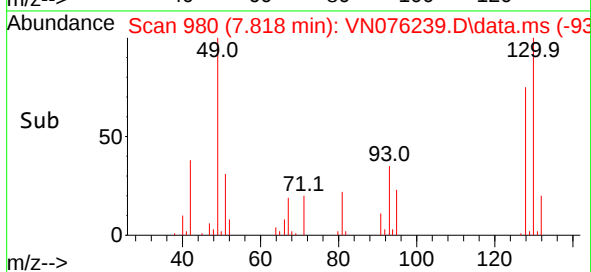
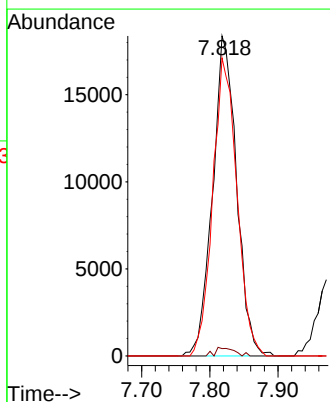
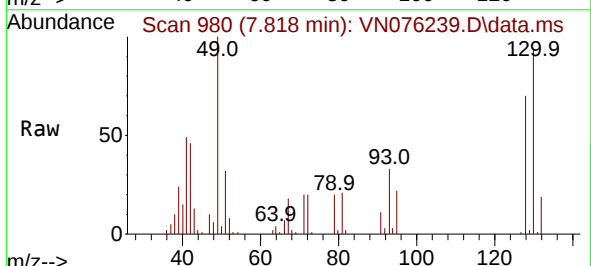
Manual Integrations
APPROVED

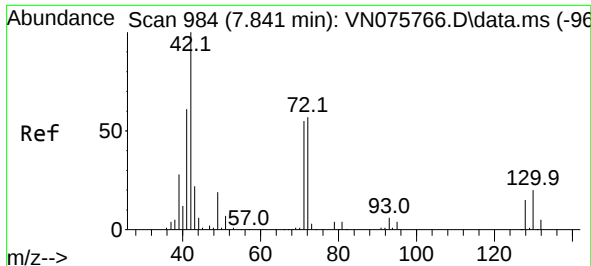
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#28
Bromochloromethane
Concen: 17.399 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

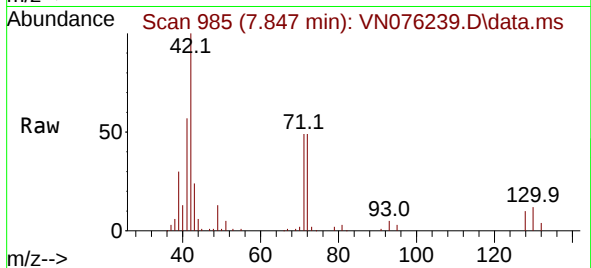
Tgt Ion: 49 Resp: 45057
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.0
130 93.6 77.0 115.4





#29
Tetrahydrofuran
Concen: 105.583 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

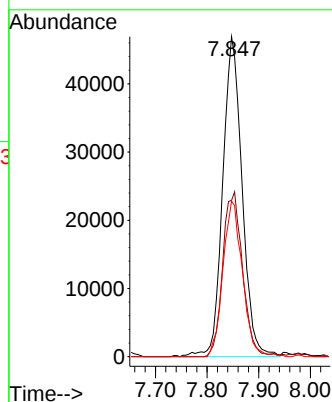
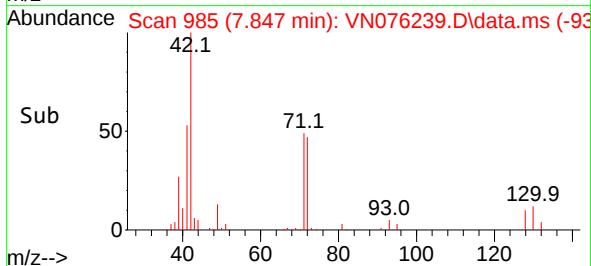
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



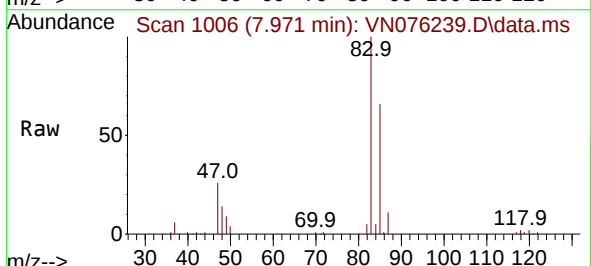
Tgt Ion: 42 Resp: 122295
Ion Ratio Lower Upper
42 100
72 52.2 44.5 66.7
71 48.9 41.0 61.6

Manual Integrations
APPROVED

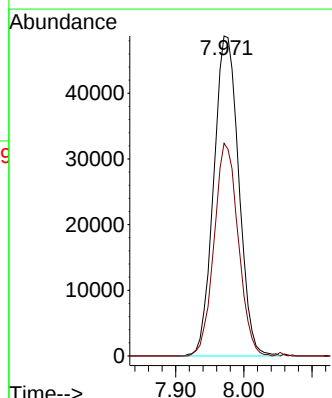
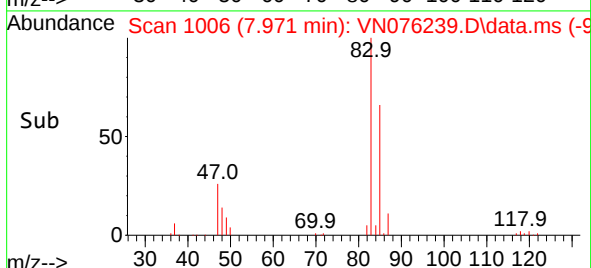
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

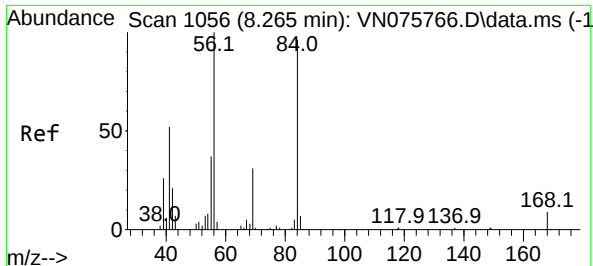


#30
Chloroform
Concen: 18.703 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



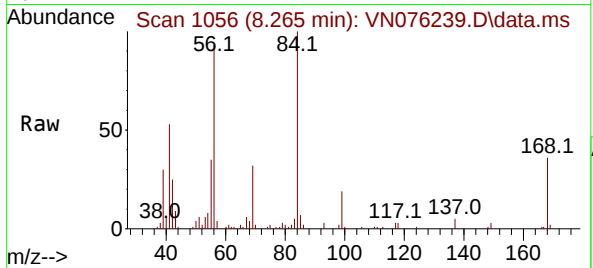
Tgt Ion: 83 Resp: 124416
Ion Ratio Lower Upper
83 100
85 66.5 49.1 73.7





#31
Cyclohexane
Concen: 17.629 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

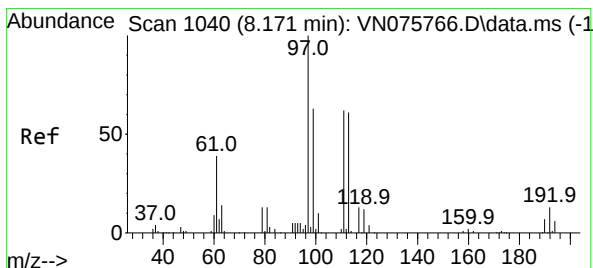
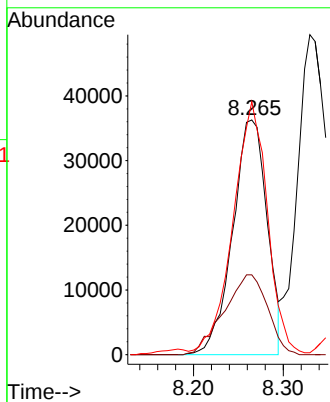
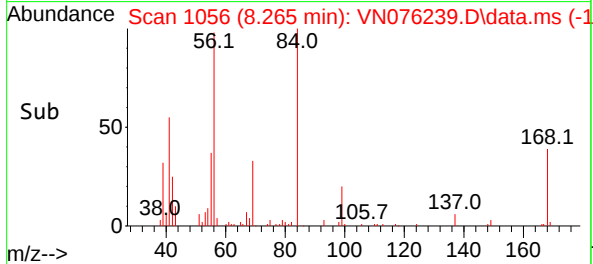
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



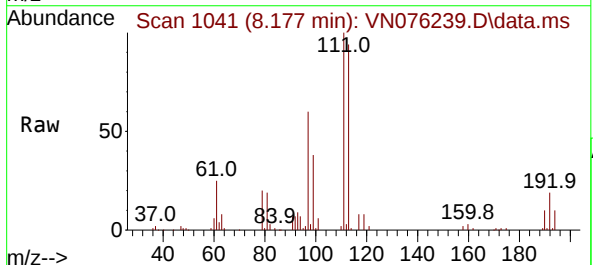
Tgt Ion: 56 Resp: 9668
Ion Ratio Lower Upper
56 100
69 34.0 24.7 37.1
84 105.4 76.5 114.7

Manual Integrations
APPROVED

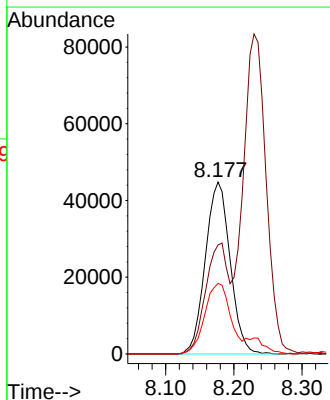
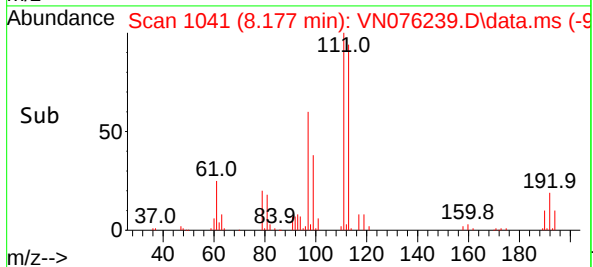
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#32
1,1,1-Trichloroethane
Concen: 19.186 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



Tgt Ion: 97 Resp: 113153
Ion Ratio Lower Upper
97 100
99 58.6 50.2 75.2
61 42.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.907 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 65 Resp: 18728

Ion Ratio Lower Upper

65 100

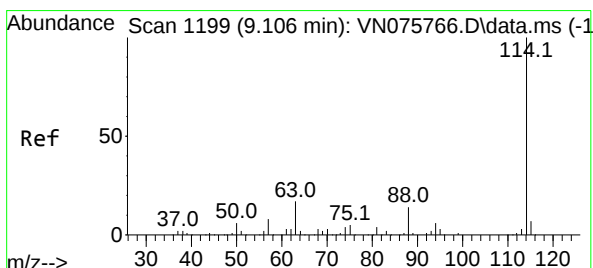
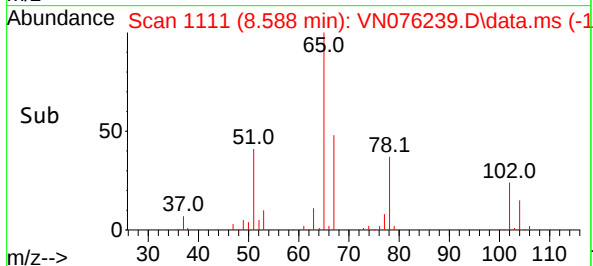
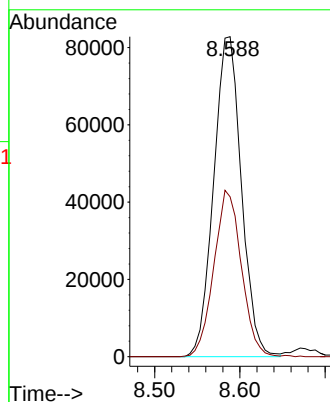
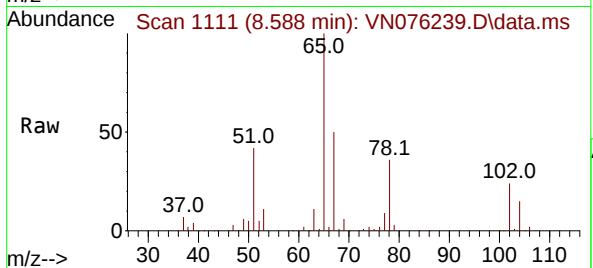
67 51.7 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

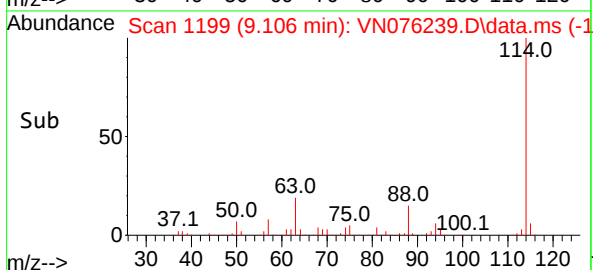
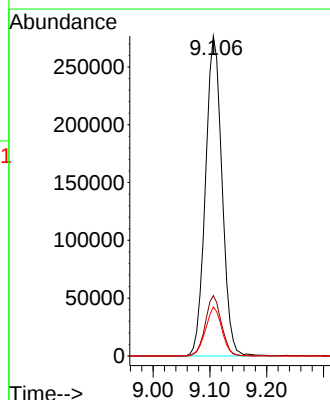
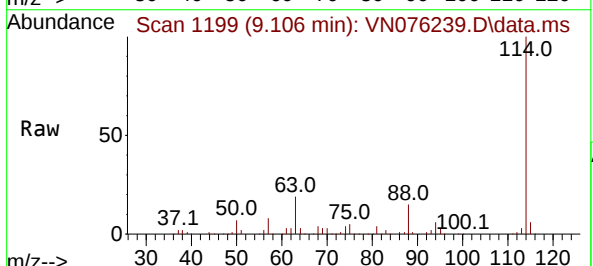
Tgt Ion:114 Resp: 558553

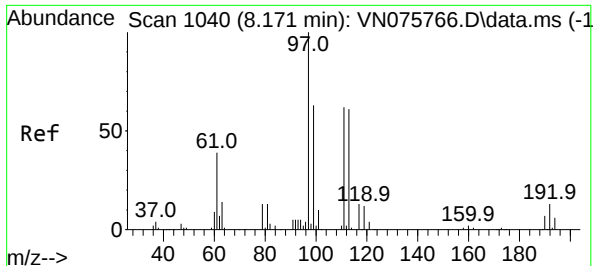
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.4

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.781 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

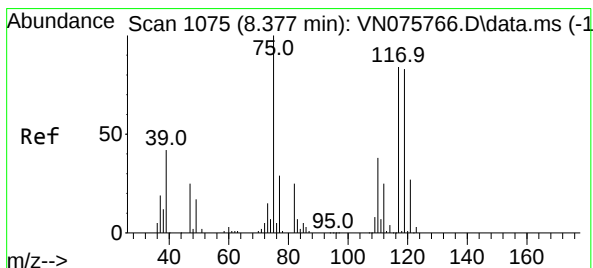
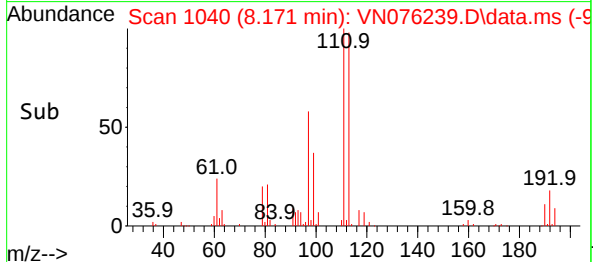
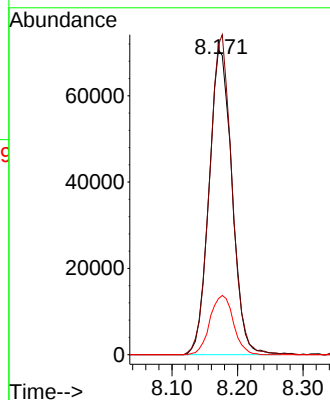
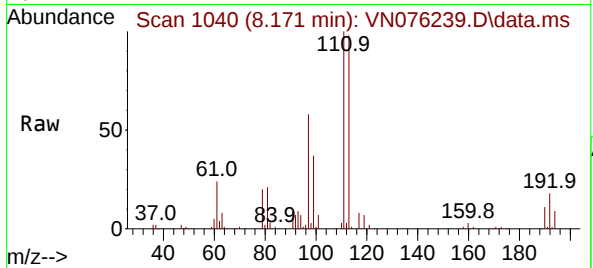
Tgt Ion:	113	Resp:	172194
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.2
192	19.8	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#36

1,1-Dichloropropene

Concen: 19.017 ug/l

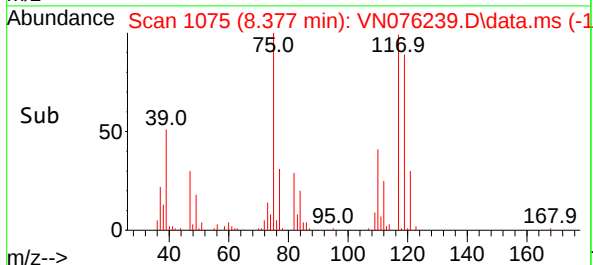
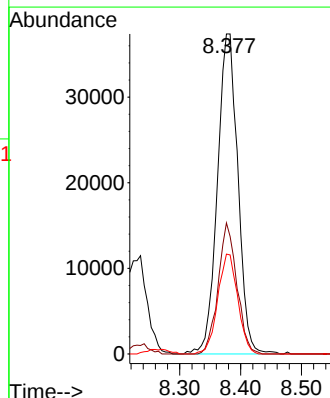
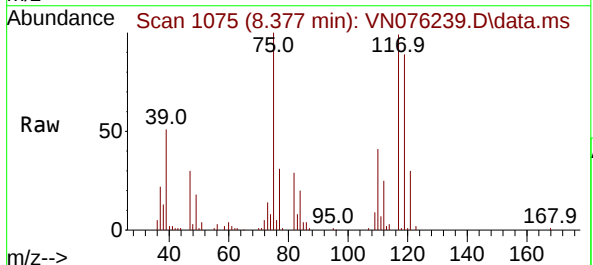
RT: 8.377 min Scan# 1075

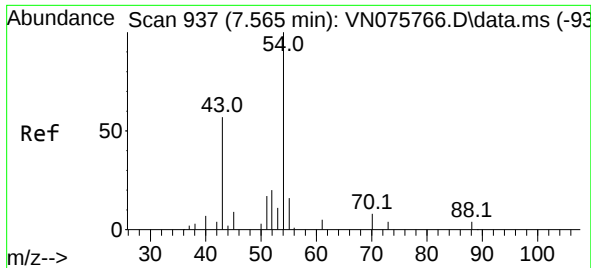
Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion:	75	Resp:	87381
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.8	56.4
77	30.4	24.1	36.1





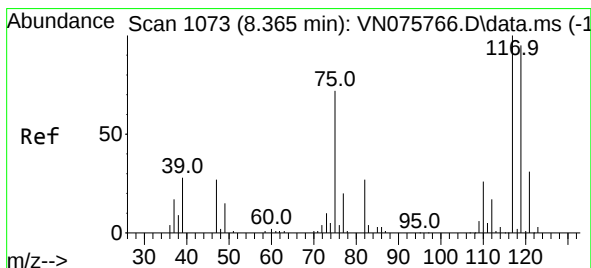
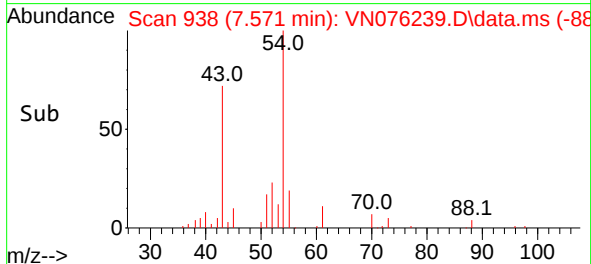
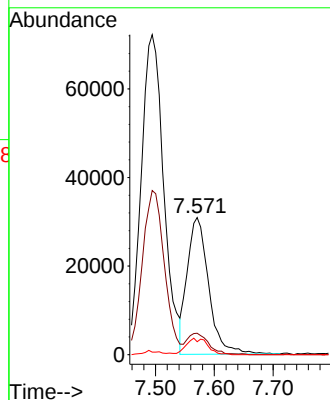
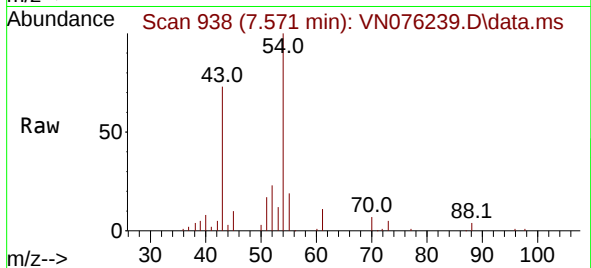
#37
Ethyl Acetate
Concen: 21.176 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 43 Resp: 7815
Ion Ratio Lower Upper
43 100
61 15.5 13.0 19.4
70 11.9 9.4 14.0

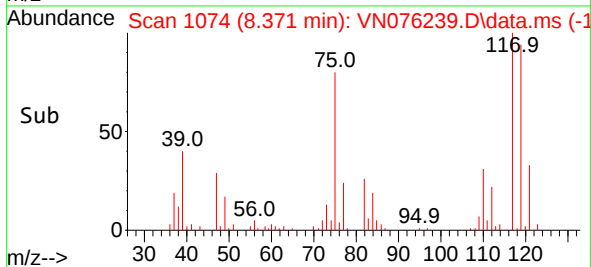
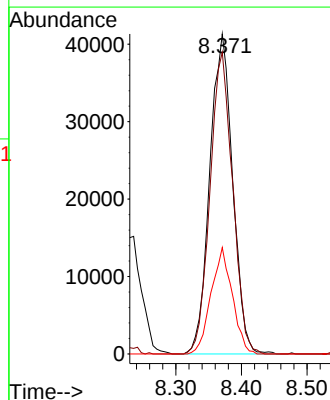
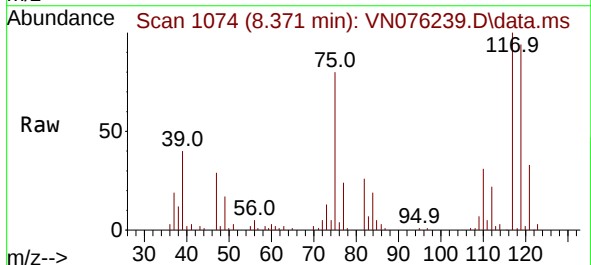
Manual Integrations
APPROVED

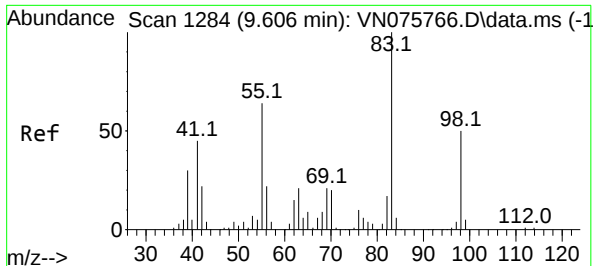
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#38
Carbon Tetrachloride
Concen: 19.468 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:117 Resp: 100122
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1
121 33.2 24.5 36.7





#39

Methylcyclohexane

Concen: 19.122 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 83 Resp: 106004

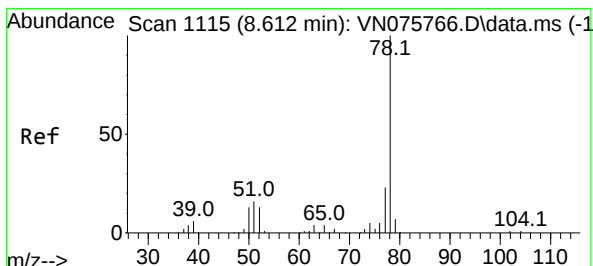
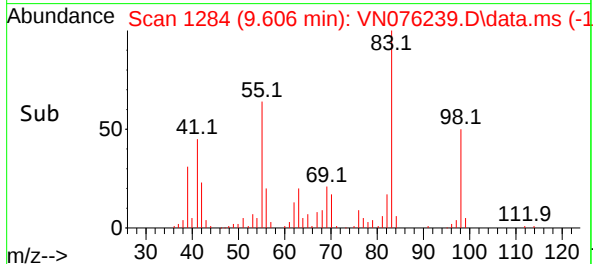
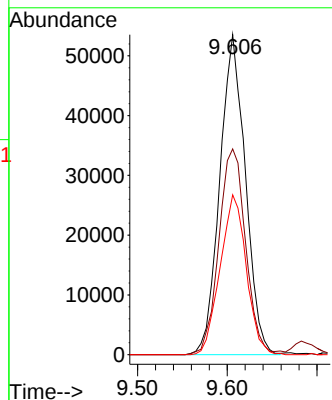
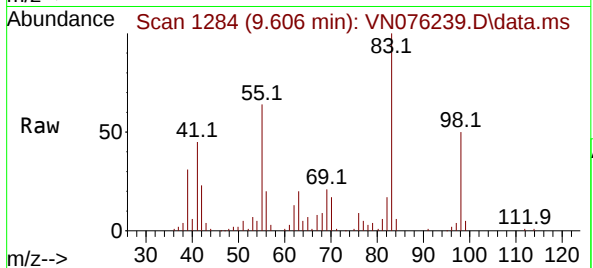
Ion	Ratio	Lower	Upper
83	100		
55	64.3	51.4	77.0
98	50.0	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#40

Benzene

Concen: 18.868 ug/l

RT: 8.612 min Scan# 1115

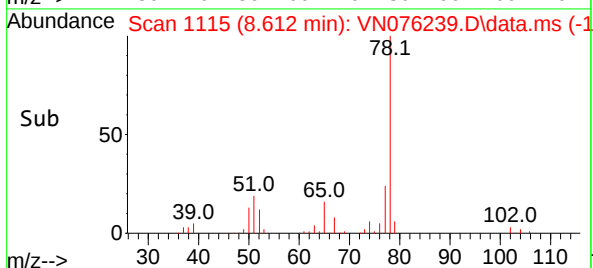
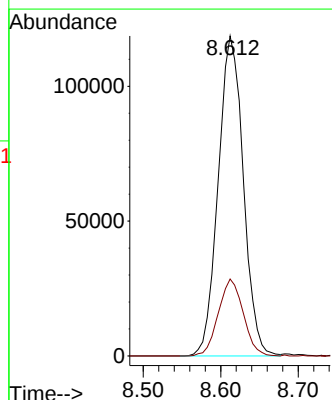
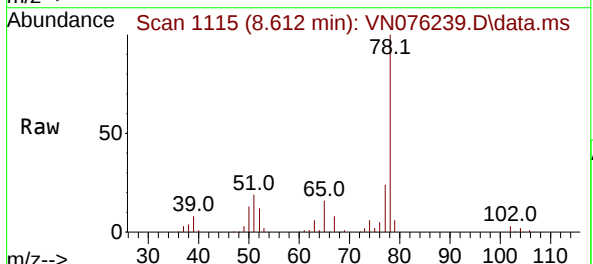
Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion: 78 Resp: 267496

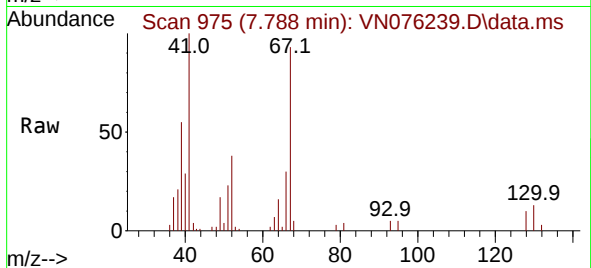
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.5	27.7





#41
Methacrylonitrile
Concen: 20.324 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

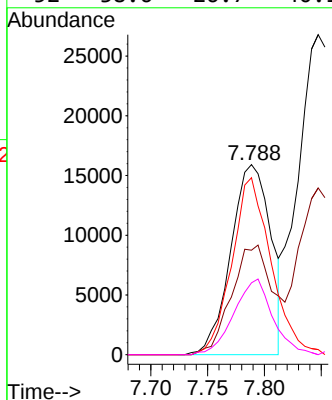
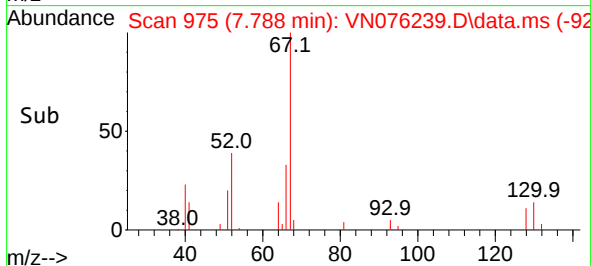
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



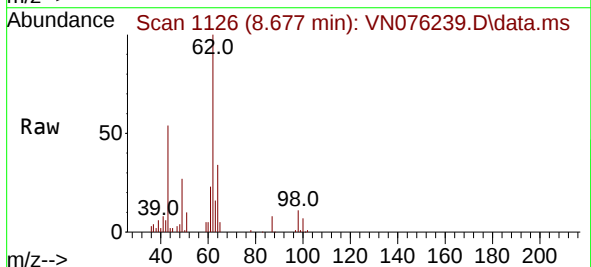
Tgt Ion: 41 Resp: 38992
Ion Ratio Lower Upper
41 100
39 60.8 43.1 64.7
67 91.3 70.7 106.1
52 38.6 26.7 40.1

Manual Integrations
APPROVED

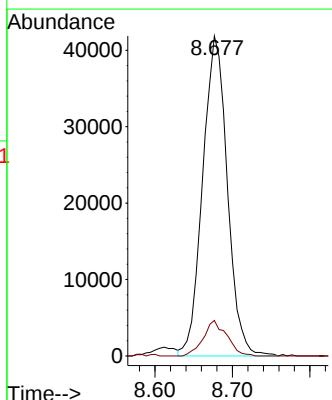
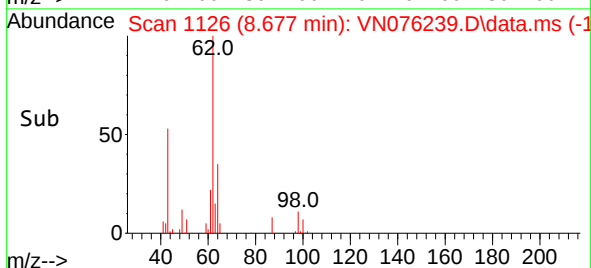
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

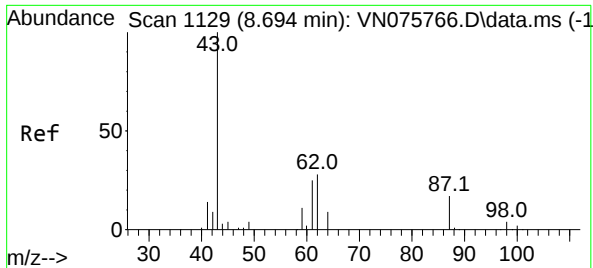


#42
1,2-Dichloroethane
Concen: 19.652 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



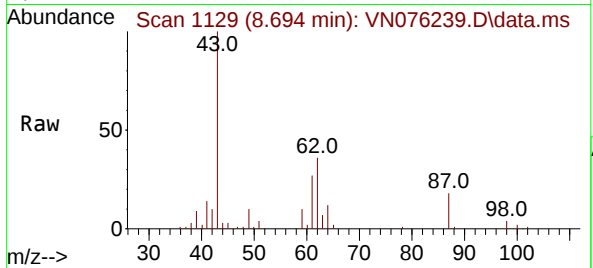
Tgt Ion: 62 Resp: 92623
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.8





#43
Isopropyl Acetate
Concen: 20.437 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

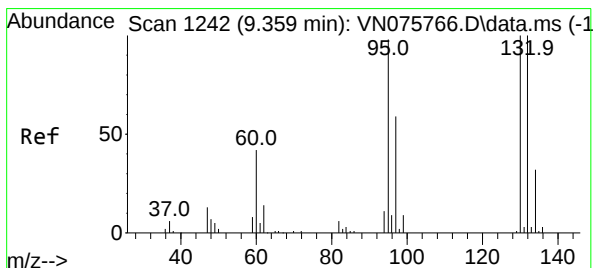
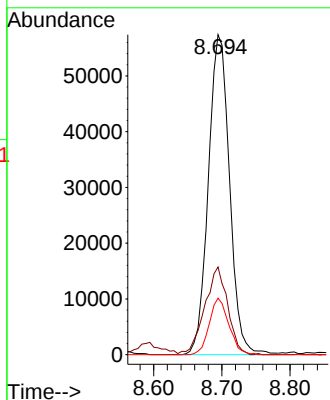
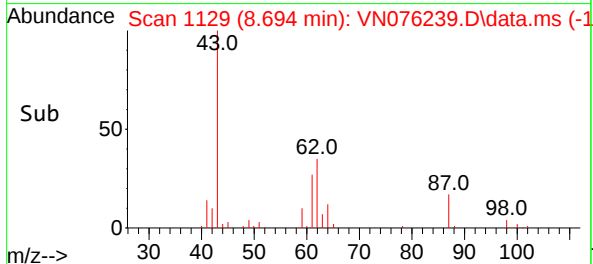
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



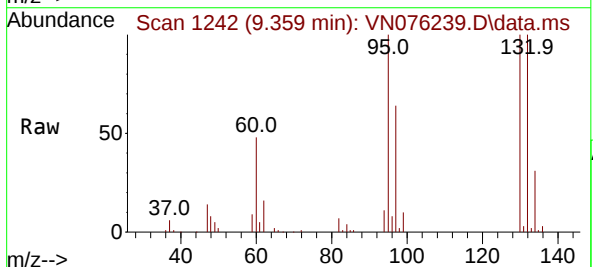
Tgt Ion: 43 Resp: 12442
Ion Ratio Lower Upper
43 100
61 29.6 24.2 36.4
87 16.3 13.3 19.9

Manual Integrations
APPROVED

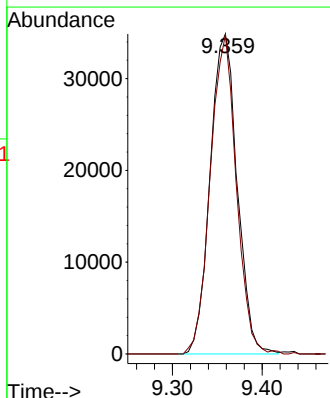
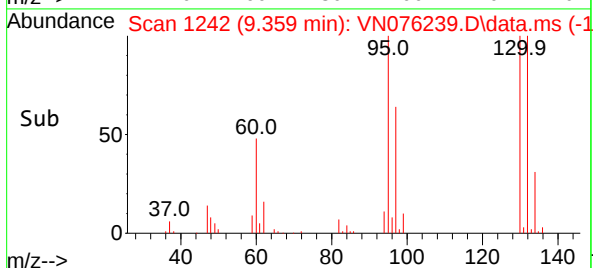
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

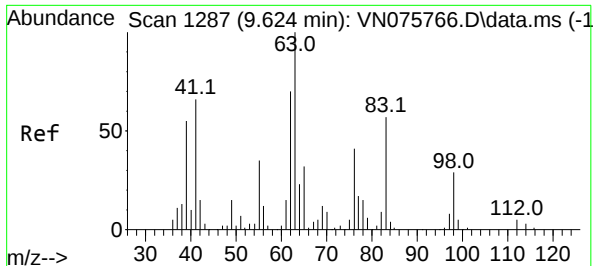


#44
Trichloroethene
Concen: 18.285 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



Tgt Ion:130 Resp: 73029
Ion Ratio Lower Upper
130 100
95 99.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.366 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 63 Resp: 66810

Ion Ratio Lower Upper

63 100

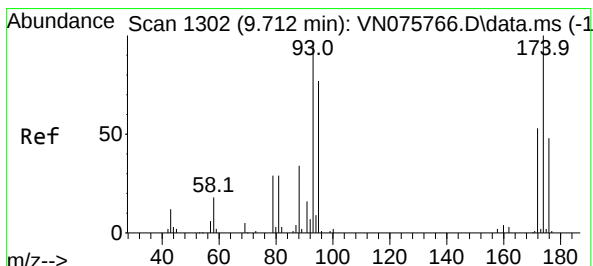
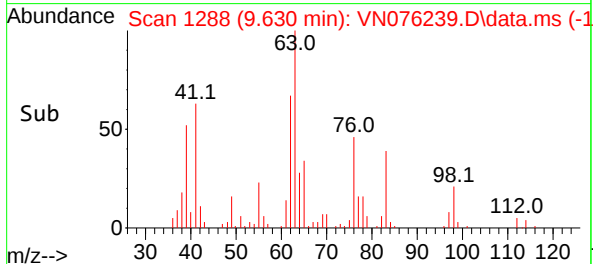
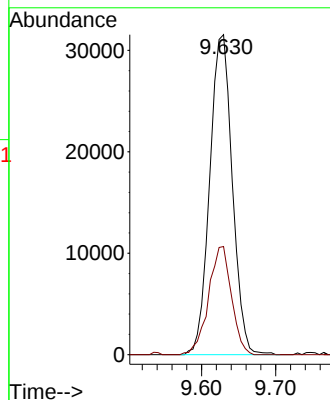
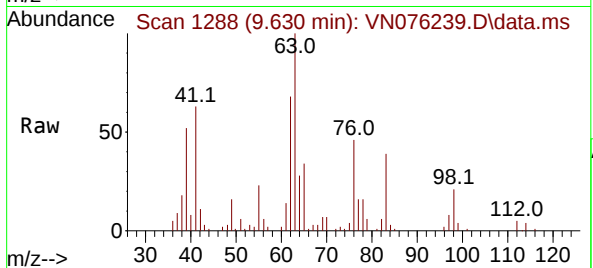
65 33.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#46

Dibromomethane

Concen: 18.737 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

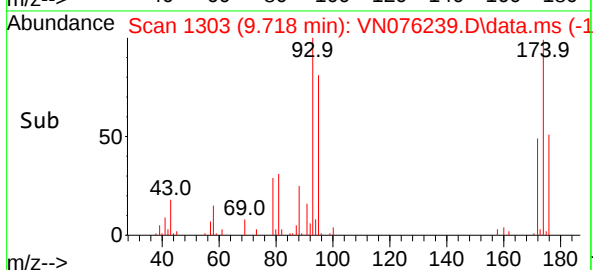
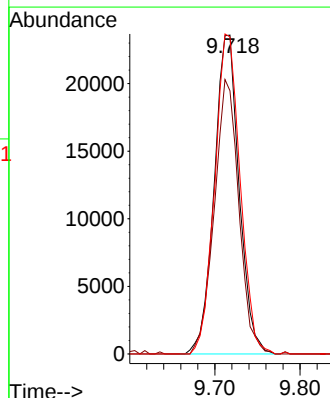
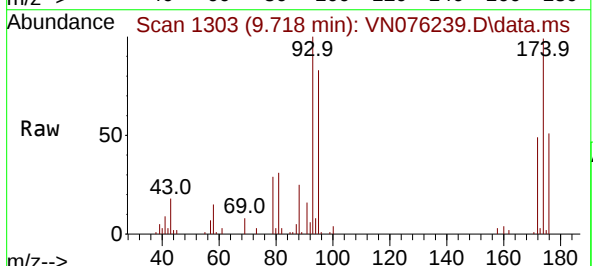
Tgt Ion: 93 Resp: 47945

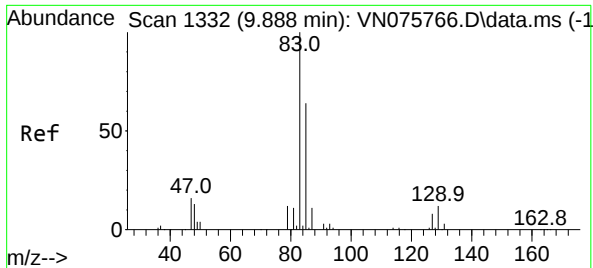
Ion Ratio Lower Upper

93 100

95 84.8 65.2 97.8

174 102.4 82.4 123.6





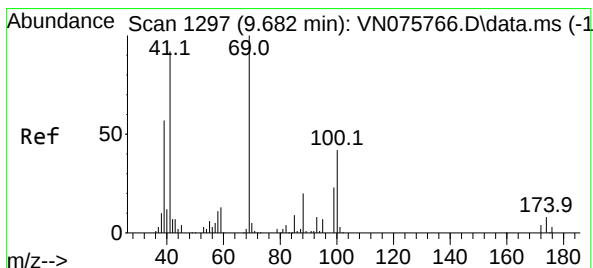
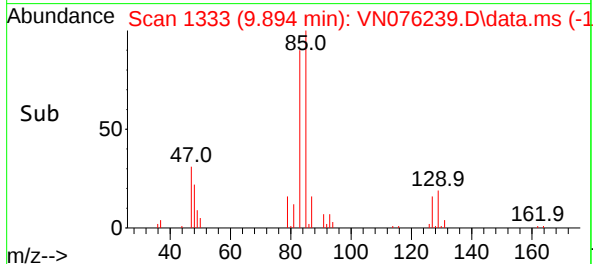
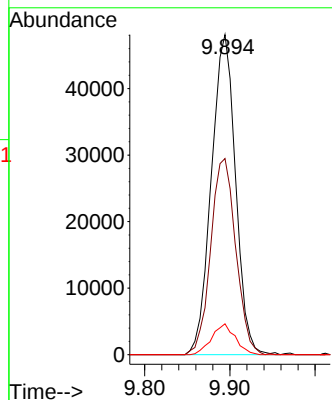
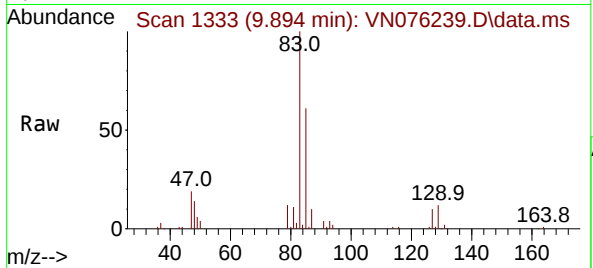
#47
Bromodichloromethane
Concen: 18.900 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
Client Sample Id :
VN0113WBS01

Tgt Ion: 83 Resp: 94838
Ion Ratio Lower Upper
83 100
85 61.3 51.5 77.3
127 9.7 6.6 10.0

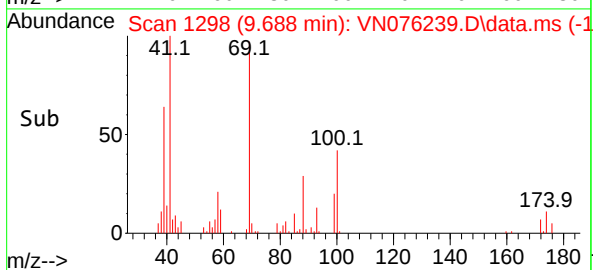
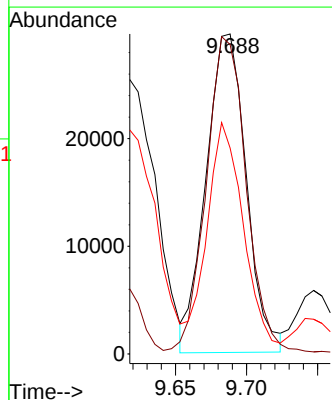
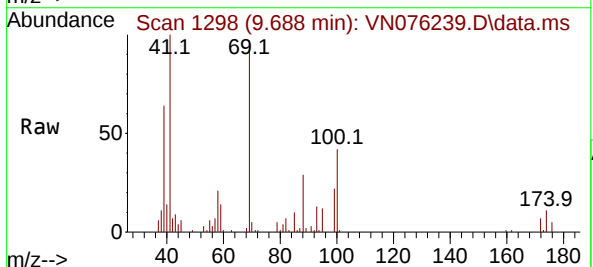
Manual Integrations
APPROVED

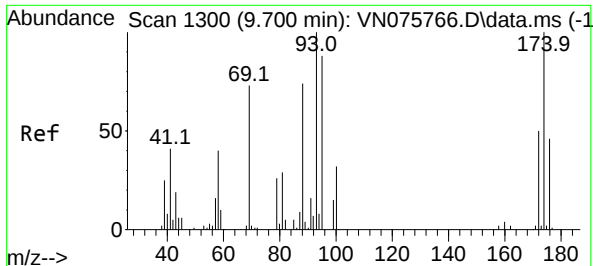
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#48
Methyl methacrylate
Concen: 21.271 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 41 Resp: 58330
Ion Ratio Lower Upper
41 100
69 100.3 81.9 122.9
39 67.5 51.6 77.4





#49

1,4-Dioxane

Concen: 384.190 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 88 Resp: 25900

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7

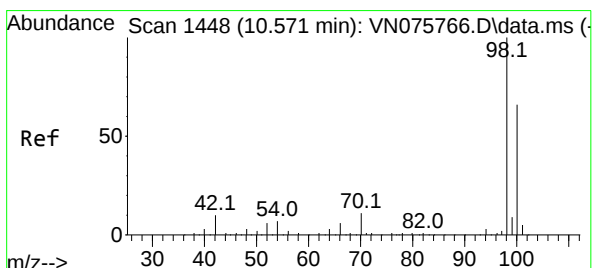
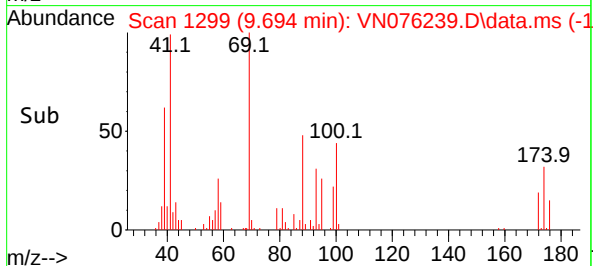
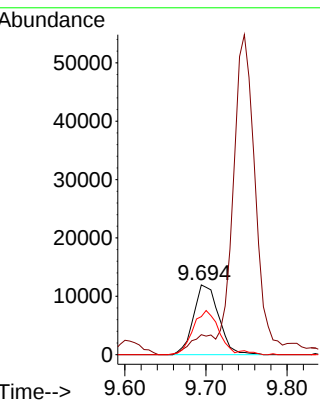
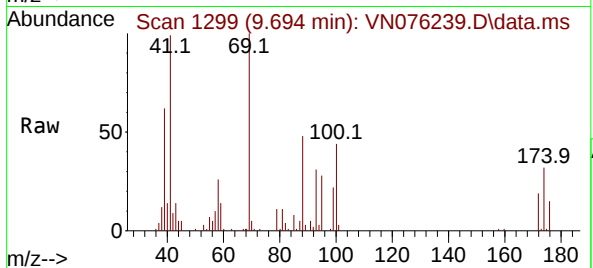
58 64.4 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#50

Toluene-d8

Concen: 46.985 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076239.D

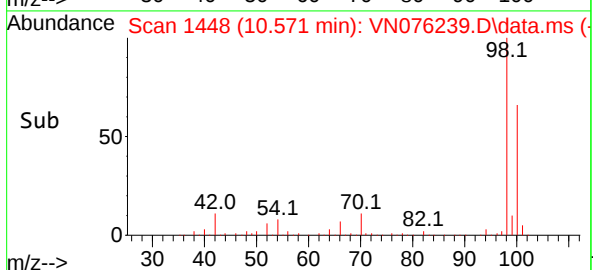
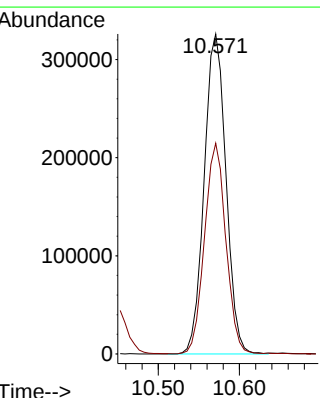
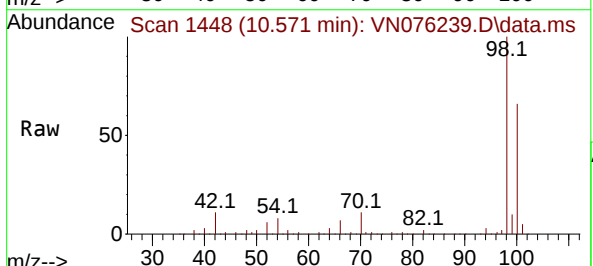
Acq: 13 Jan 2023 11:16

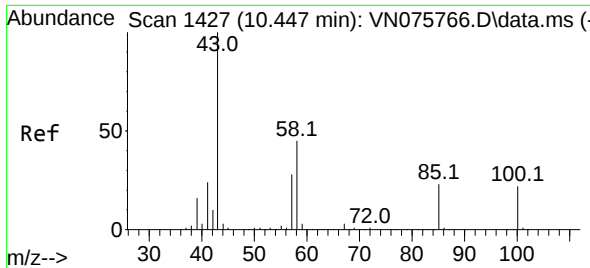
Tgt Ion: 98 Resp: 607651

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1





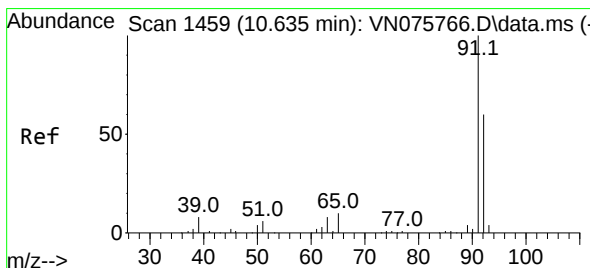
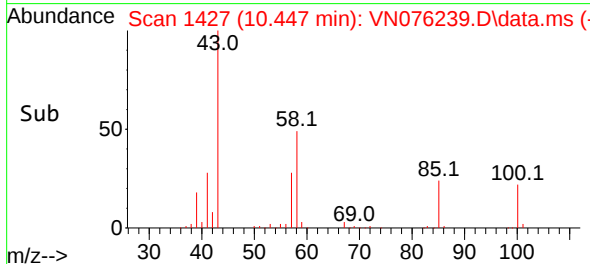
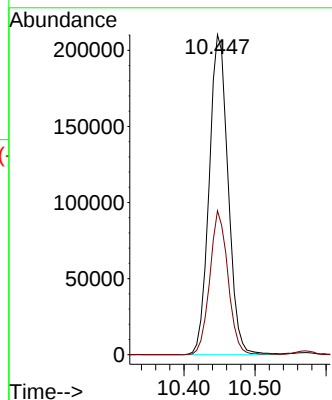
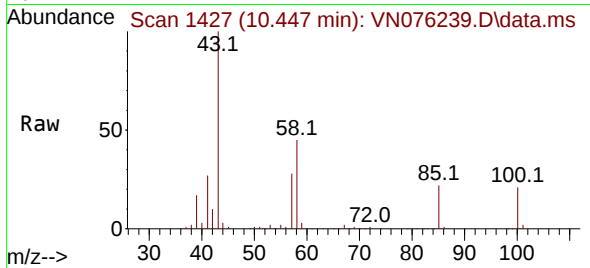
#51
4-Methyl-2-Pentanone
Concen: 105.697 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 43 Resp: 389179
Ion Ratio Lower Upper
43 100
58 43.3 35.5 53.3

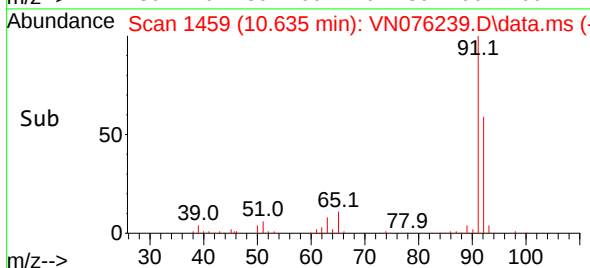
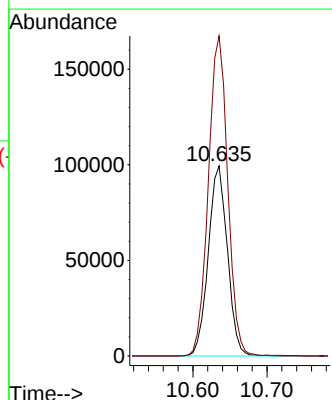
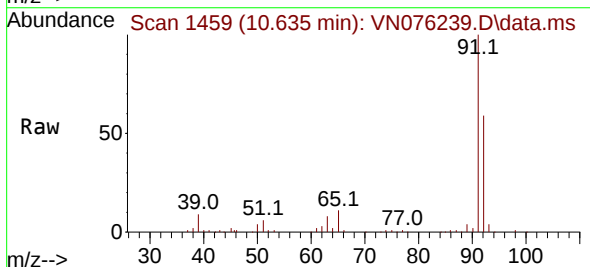
Manual Integrations
APPROVED

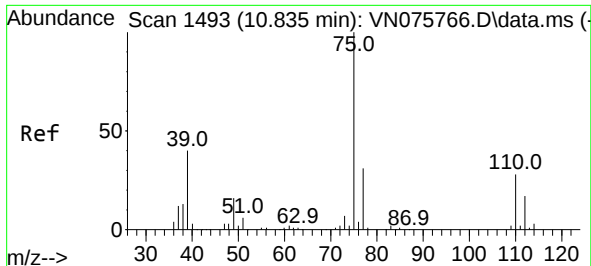
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#52
Toluene
Concen: 19.298 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 92 Resp: 178179
Ion Ratio Lower Upper
92 100
91 170.7 137.3 205.9





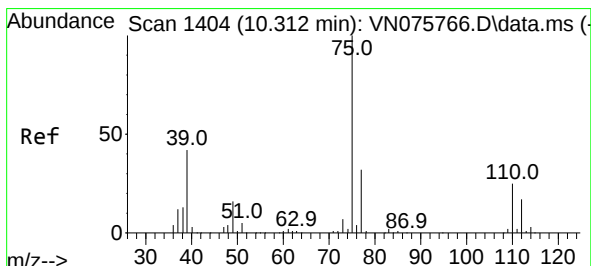
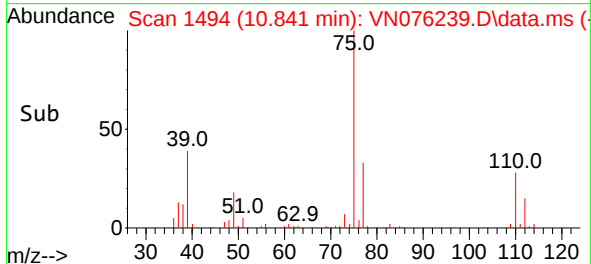
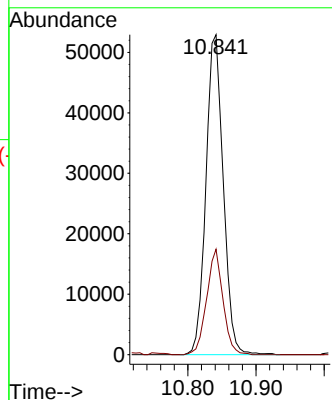
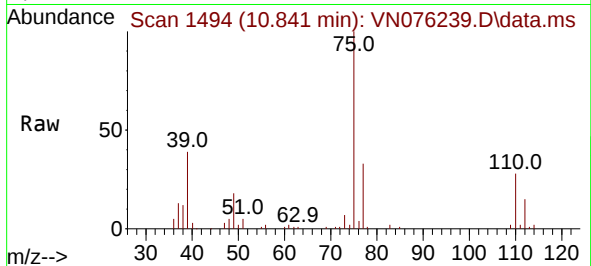
#53
t-1,3-Dichloropropene
Concen: 19.063 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 75 Resp: 9363
Ion Ratio Lower Upper
75 100
77 32.9 24.9 37.3

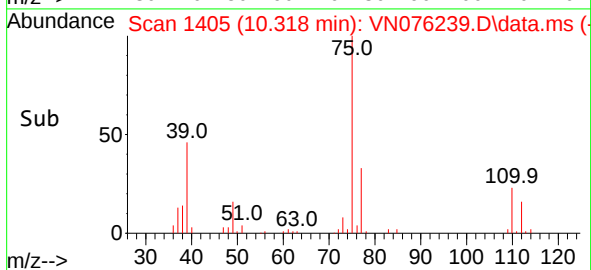
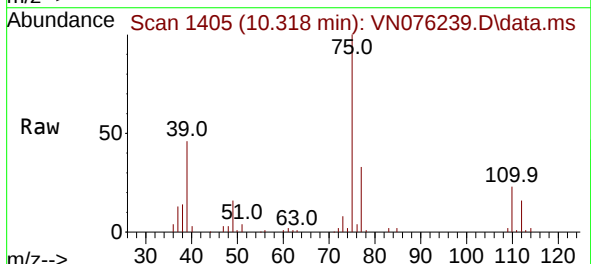
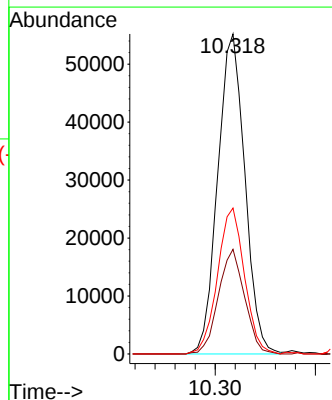
Manual Integrations
APPROVED

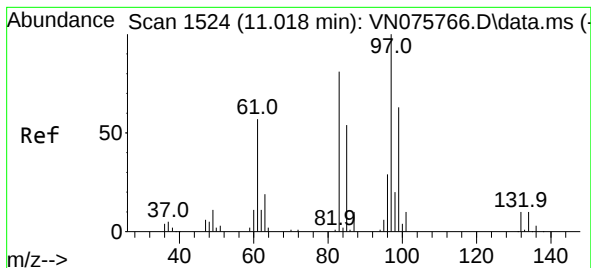
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#54
cis-1,3-Dichloropropene
Concen: 19.197 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

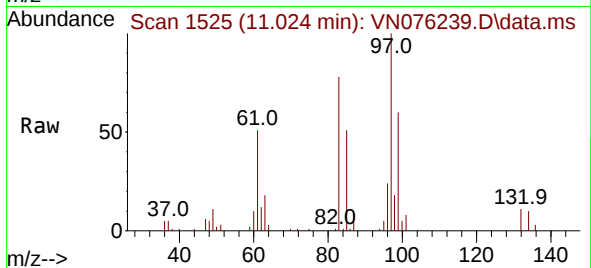
Tgt Ion: 75 Resp: 103530
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
39 45.6 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 19.532 ug/l
RT: 11.024 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

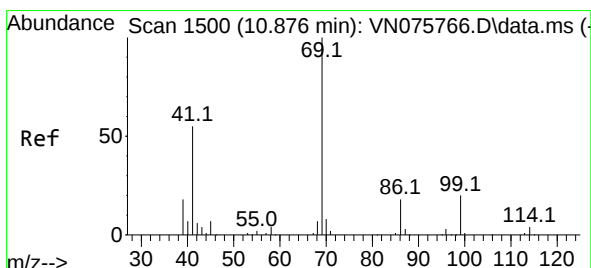
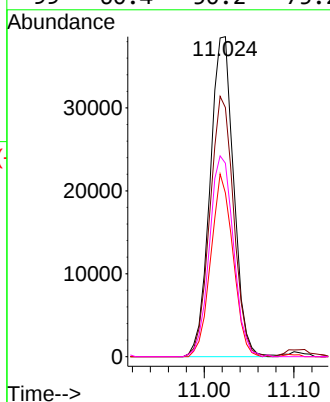
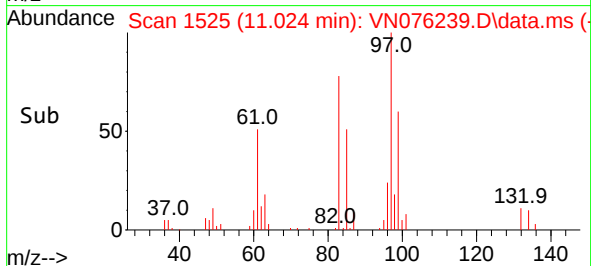
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 97 Resp: 70780
Ion Ratio Lower Upper
97 100
83 77.9 65.0 97.4
85 51.2 43.0 64.6
99 60.4 50.2 75.2

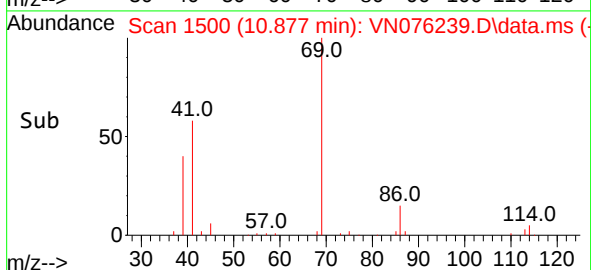
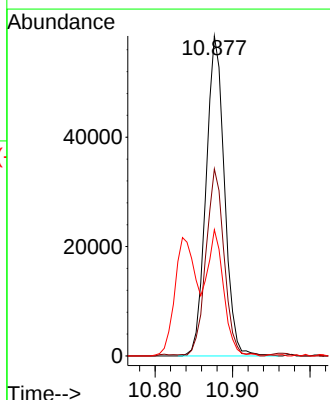
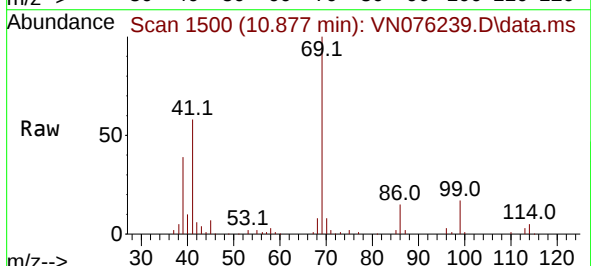
Manual Integrations
APPROVED

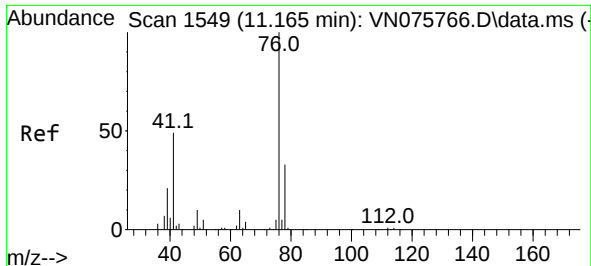
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#56
Ethyl methacrylate
Concen: 20.041 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 69 Resp: 96471
Ion Ratio Lower Upper
69 100
41 57.0 44.2 66.4
39 36.0 26.4 39.6





#57

1,3-Dichloropropane

Concen: 19.336 ug/l

RT: 11.165 min Scan# 11494

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 76 Resp: 11494

Ion Ratio Lower Upper

76 100

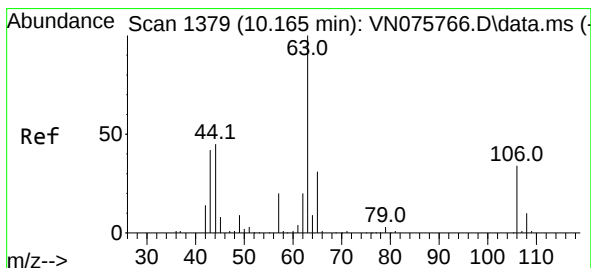
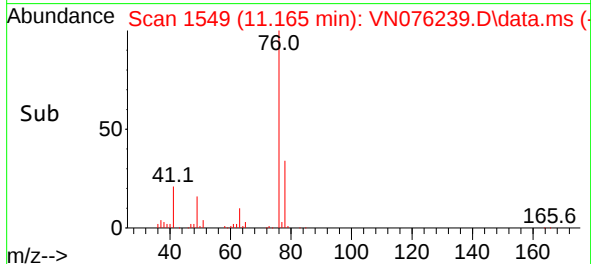
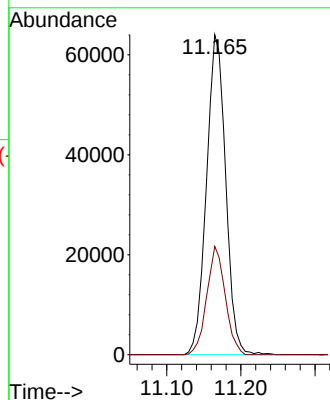
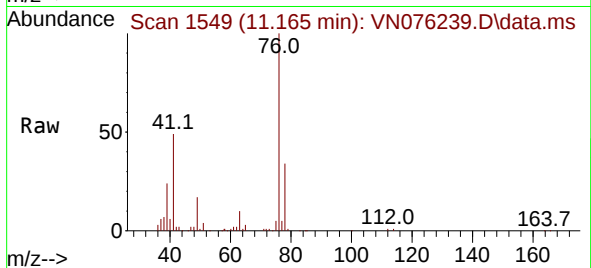
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 107.499 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076239.D

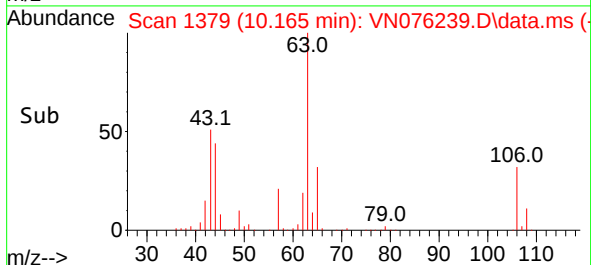
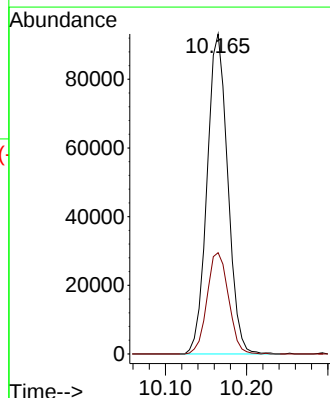
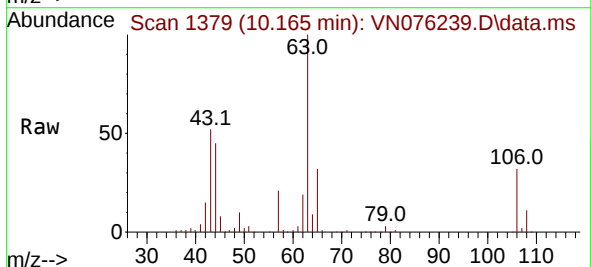
Acq: 13 Jan 2023 11:16

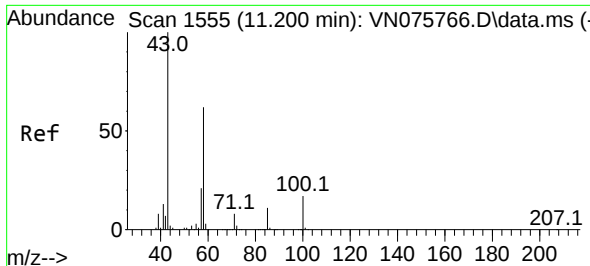
Tgt Ion: 63 Resp: 164755

Ion Ratio Lower Upper

63 100

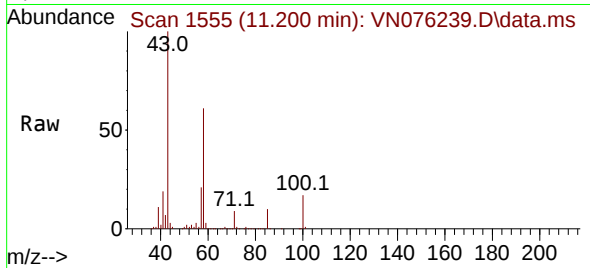
106 32.9 26.4 39.6





#59
2-Hexanone
Concen: 105.747 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

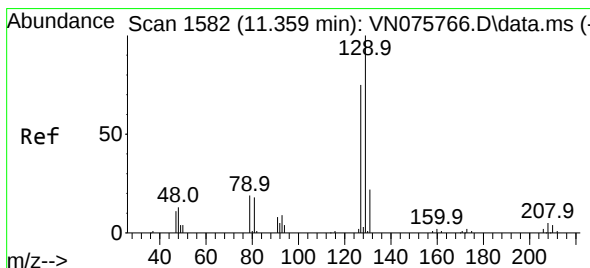
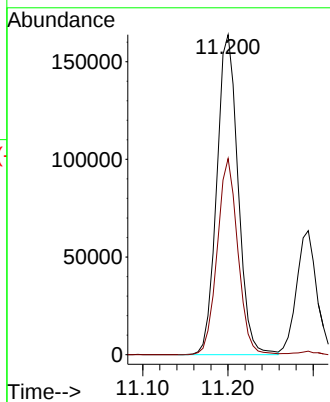
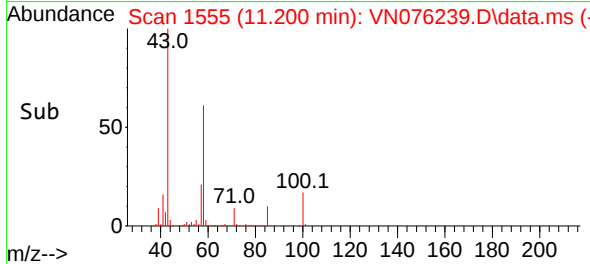
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 43 Resp: 28395
Ion Ratio Lower Upper
43 100
58 59.4 30.6 92.0

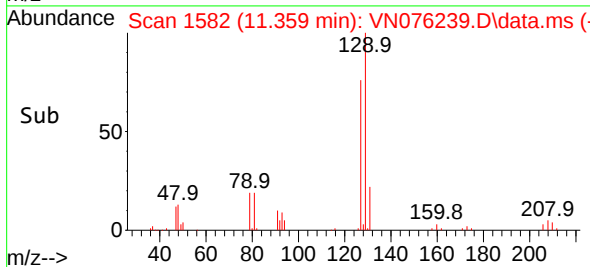
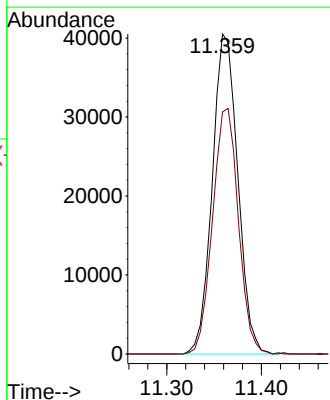
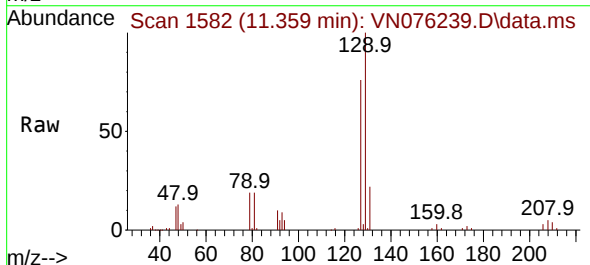
Manual Integrations
APPROVED

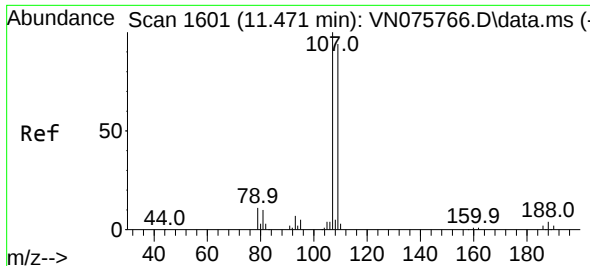
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#60
Dibromochloromethane
Concen: 18.840 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

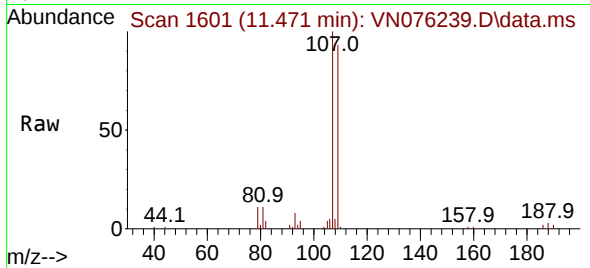
Tgt Ion:129 Resp: 75933
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 18.987 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

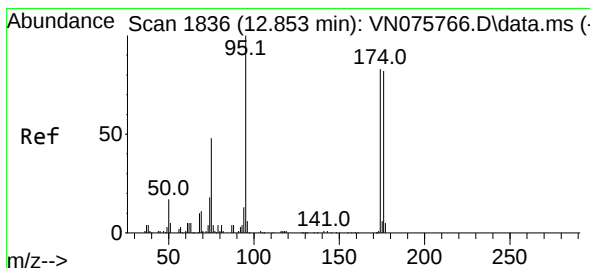
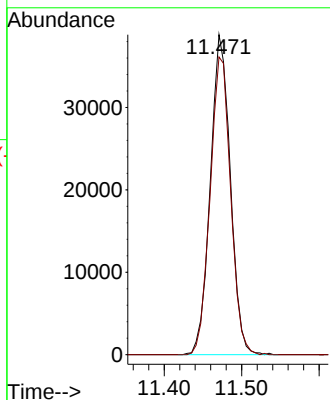
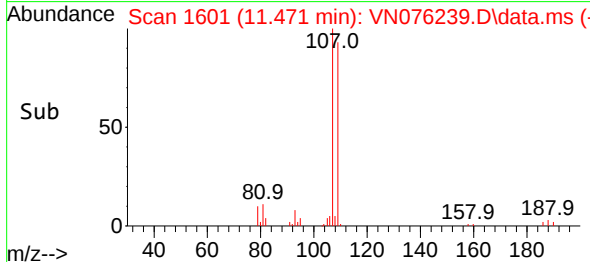
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



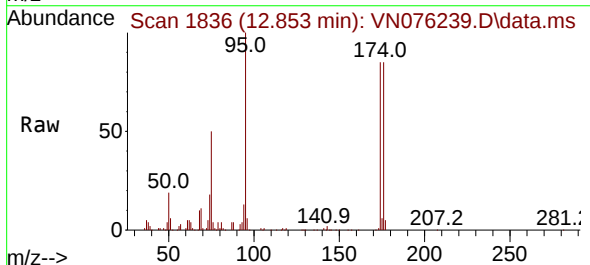
Tgt Ion:107 Resp: 69634
Ion Ratio Lower Upper
107 100
109 95.4 74.8 112.2

Manual Integrations
APPROVED

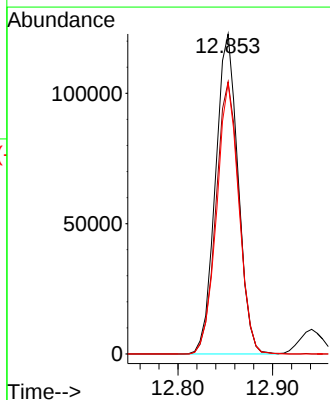
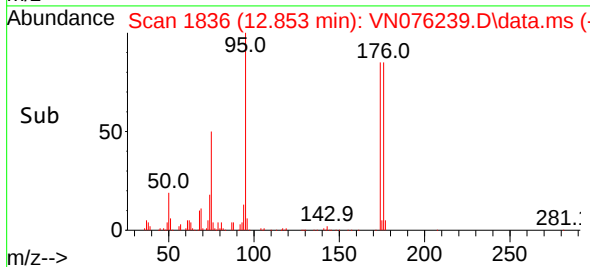
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

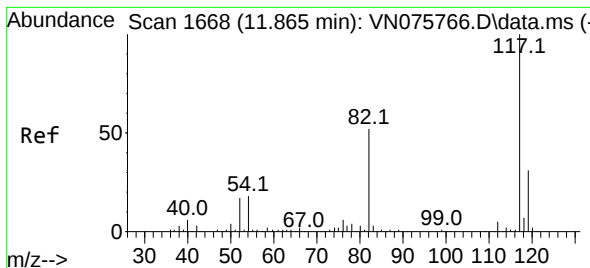


#62
4-Bromofluorobenzene
Concen: 47.482 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



Tgt Ion: 95 Resp: 203391
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 83.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion:117 Resp: 489820

Ion Ratio Lower Upper

117 100

82 52.1 41.3 61.9

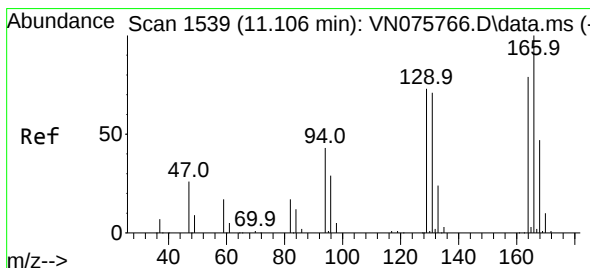
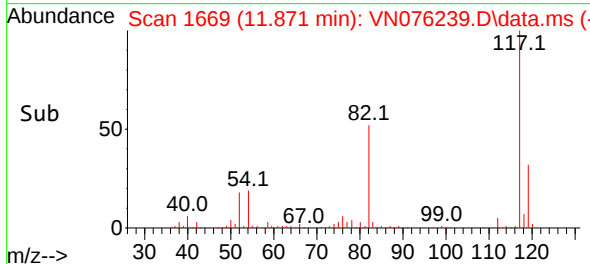
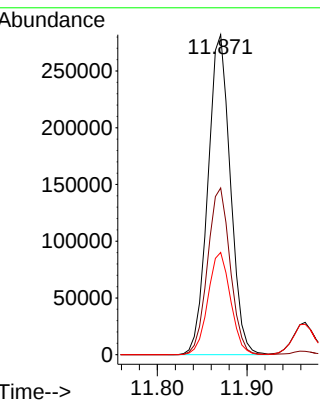
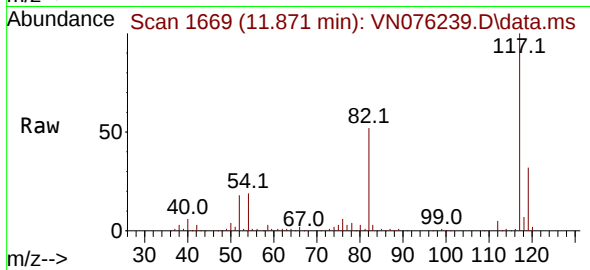
119 32.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#64

Tetrachloroethene

Concen: 22.352 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion:164 Resp: 77043

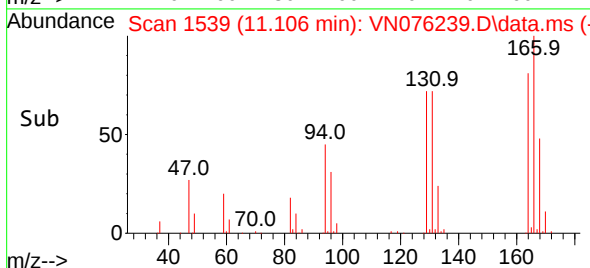
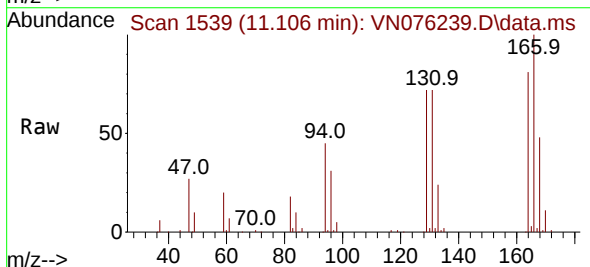
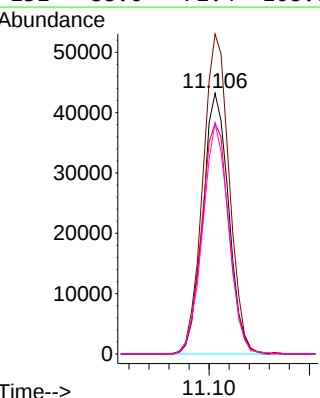
Ion Ratio Lower Upper

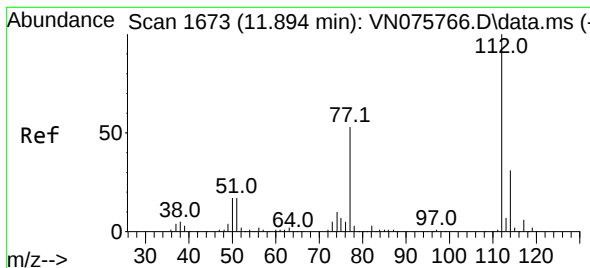
164 100

166 122.8 101.9 152.9

129 88.5 74.2 111.2

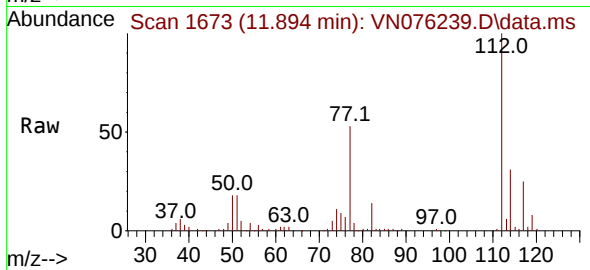
131 88.6 72.4 108.6





#65
Chlorobenzene
Concen: 18.811 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

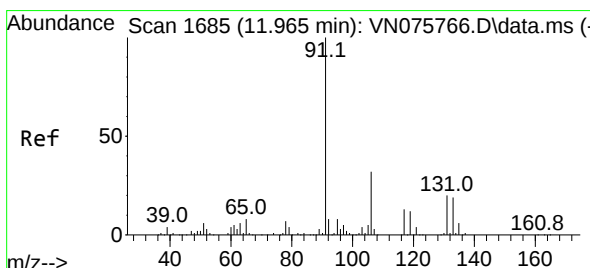
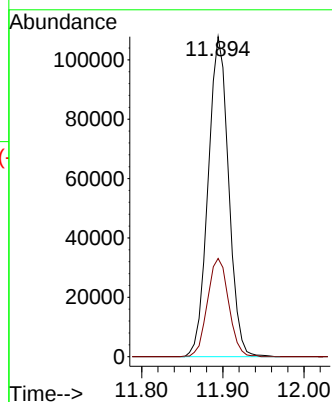
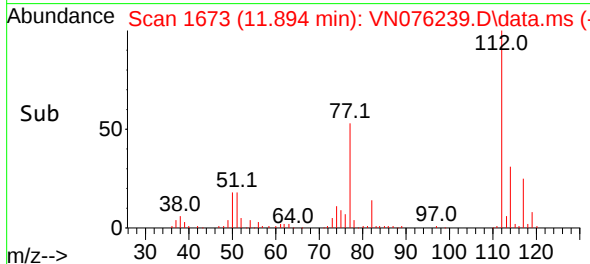
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



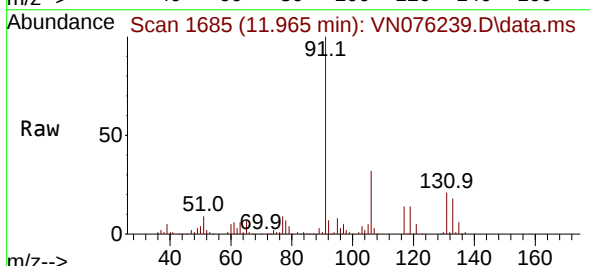
Tgt Ion:112 Resp: 189115
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1

Manual Integrations
APPROVED

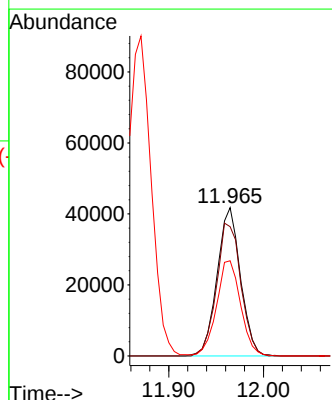
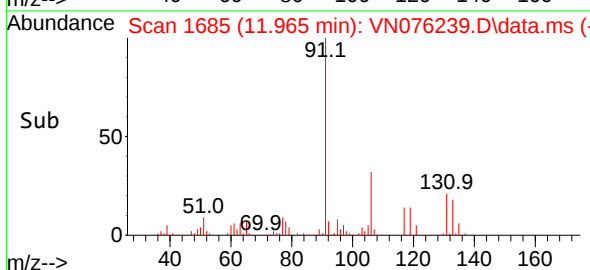
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

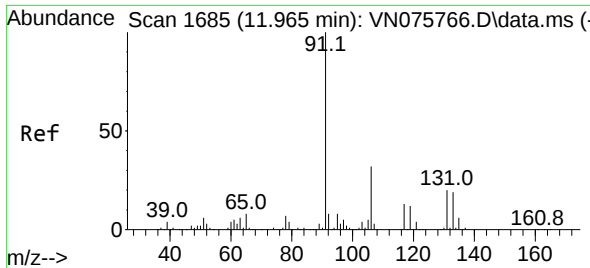


#66
1,1,1,2-Tetrachloroethane
Concen: 19.225 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



Tgt Ion:131 Resp: 71592
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 66.2 31.9 95.7





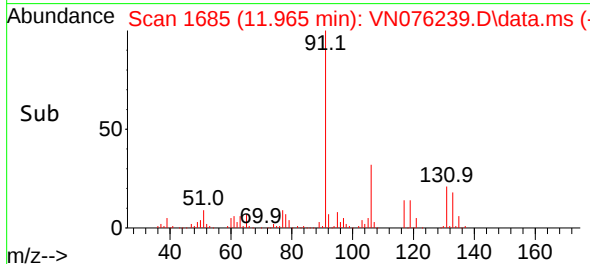
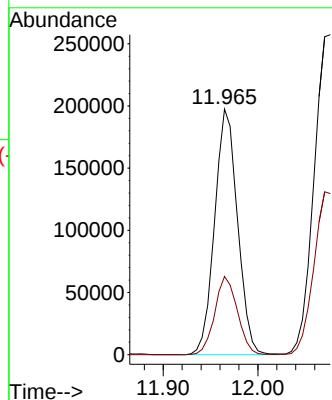
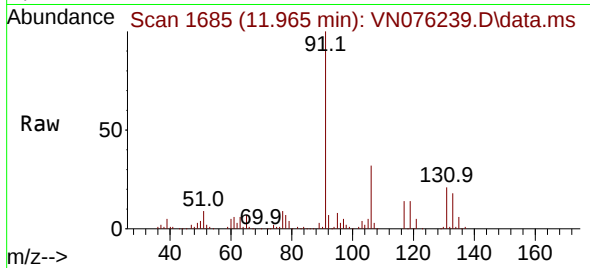
#67
Ethyl Benzene
Concen: 19.563 ug/l
RT: 11.965 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 91 Resp: 331940
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

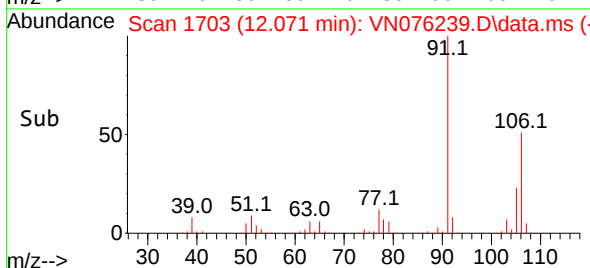
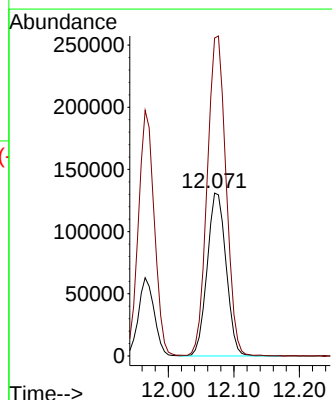
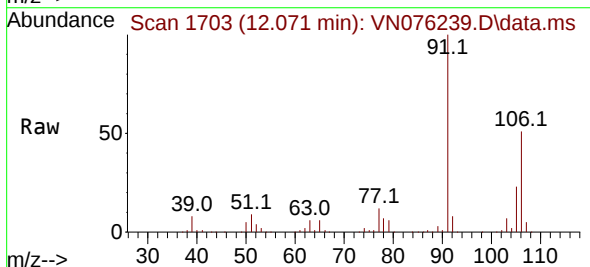
Manual Integrations
APPROVED

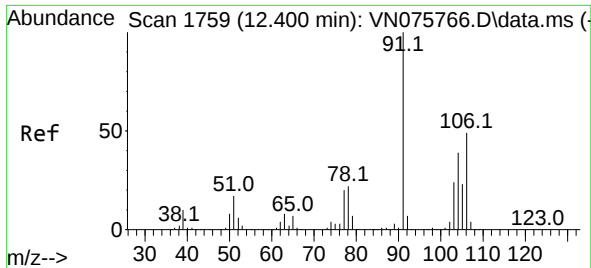
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#68
m/p-Xylenes
Concen: 39.179 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:106 Resp: 263121
Ion Ratio Lower Upper
106 100
91 195.3 156.6 235.0





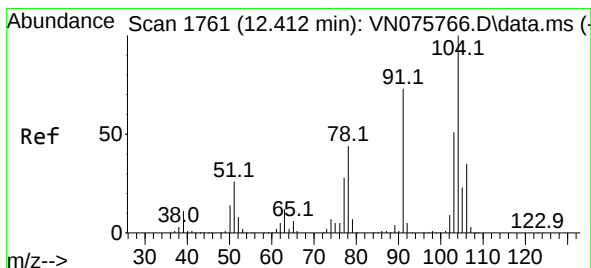
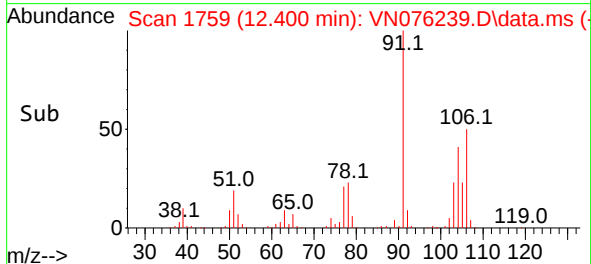
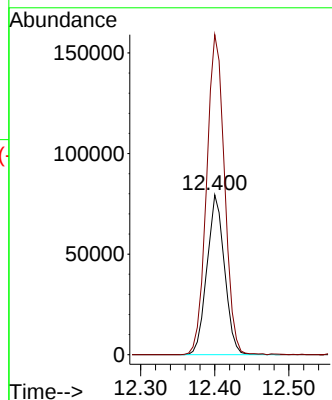
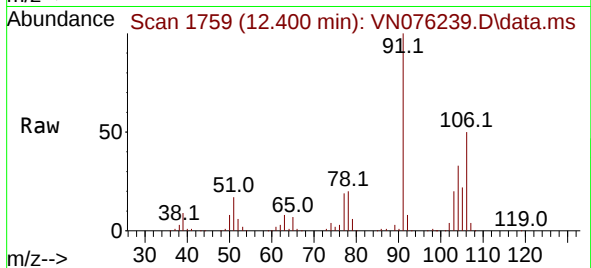
#69
o-Xylene
Concen: 19.636 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:106 Resp: 130504
Ion Ratio Lower Upper
106 100
91 204.7 103.8 311.6

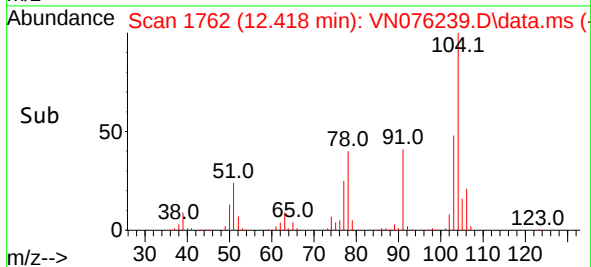
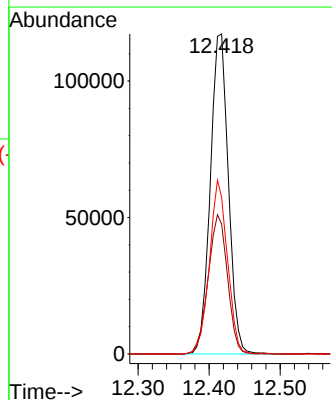
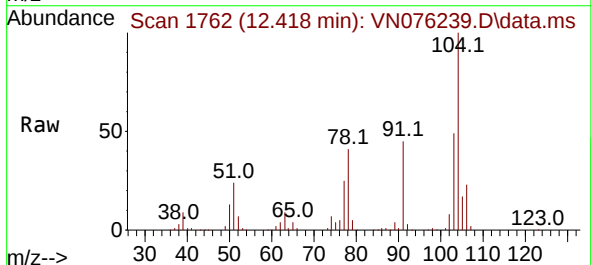
Manual Integrations
APPROVED

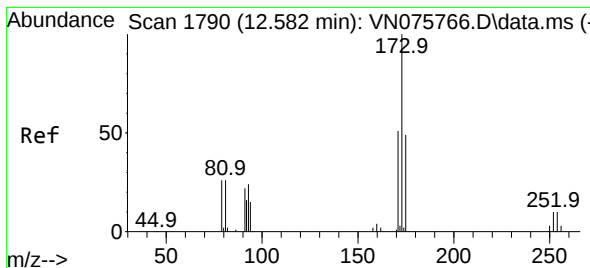
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#70
Styrene
Concen: 19.583 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:104 Resp: 206934
Ion Ratio Lower Upper
104 100
78 46.5 37.5 56.3
103 54.2 43.5 65.3





#71

Bromoform

Concen: 19.614 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

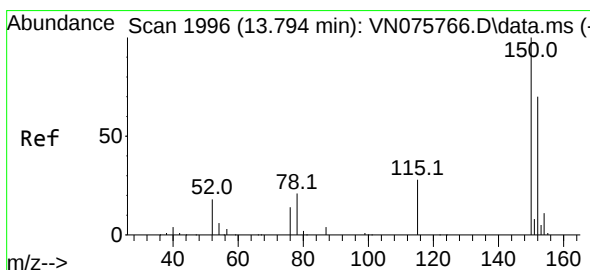
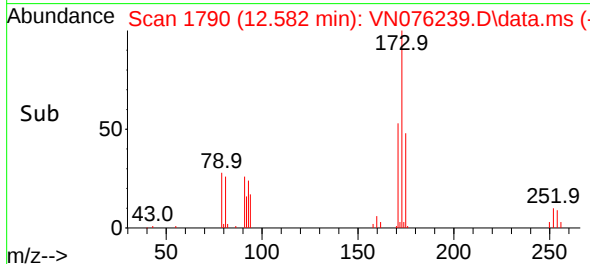
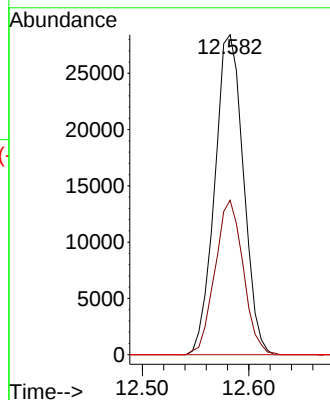
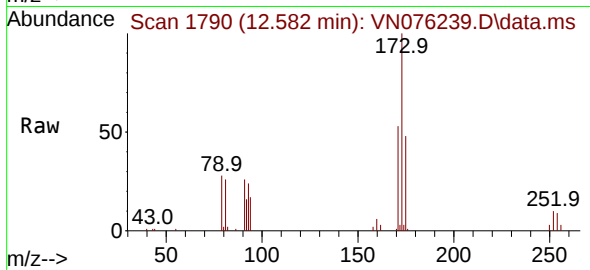
Tgt Ion:	173	Resp:	53140
Ion Ratio	Lower	Upper	
173	100		
175	47.5	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

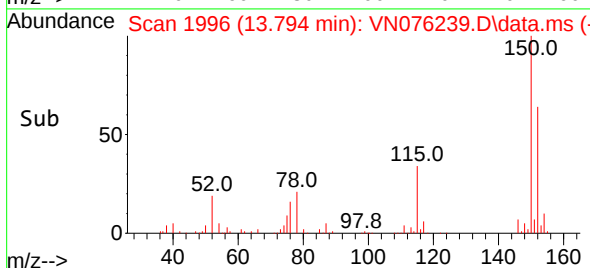
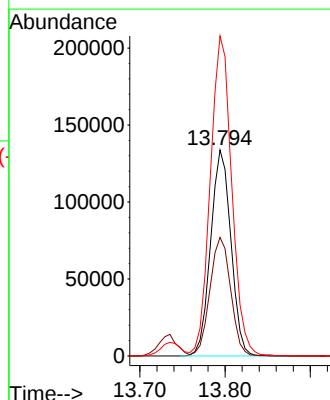
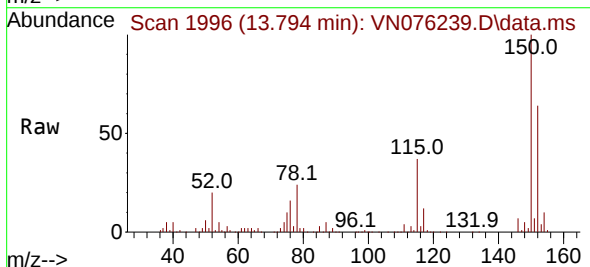
RT: 13.794 min Scan# 1996

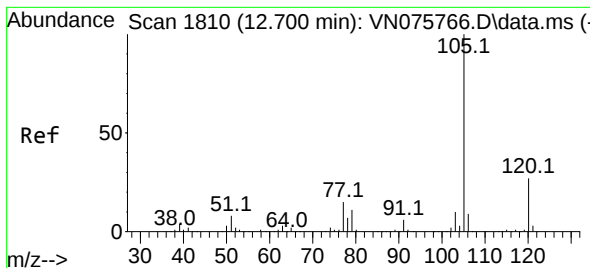
Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion:	152	Resp:	221391
Ion Ratio	Lower	Upper	
152	100		
115	58.8	29.1	87.4
150	164.0	0.0	347.0





#73

Isopropylbenzene

Concen: 21.004 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion:105 Resp: 336039

Ion Ratio Lower Upper

105 100

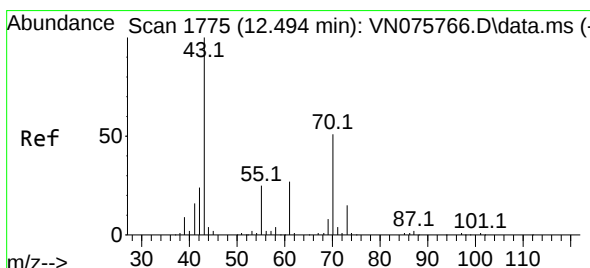
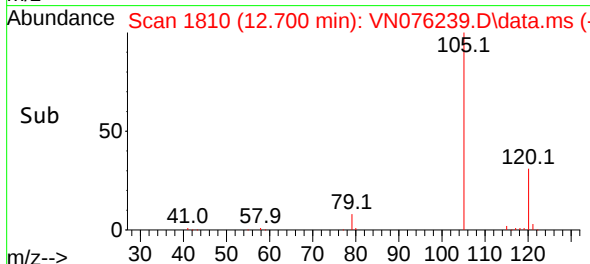
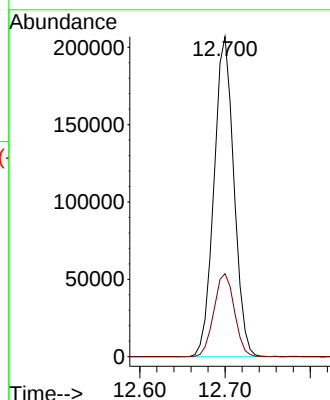
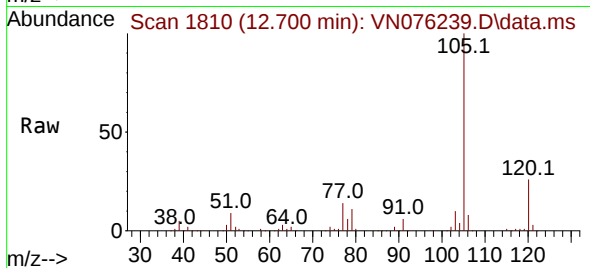
120 26.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#74

N-ethyl acetate

Concen: 21.172 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 99369

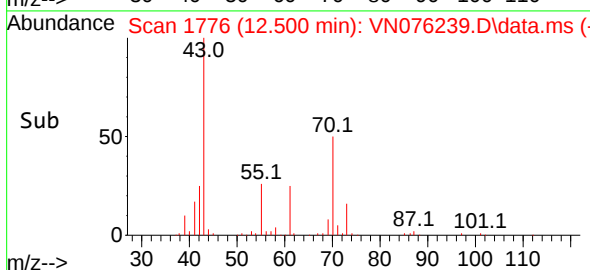
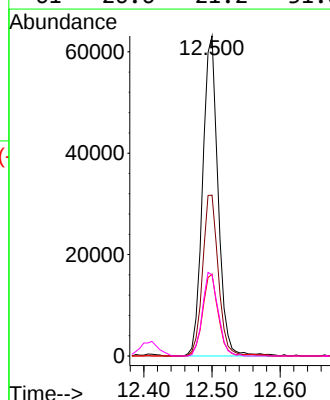
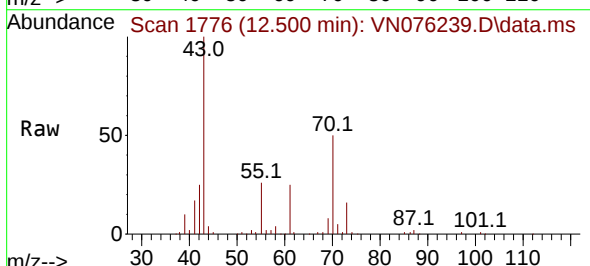
Ion Ratio Lower Upper

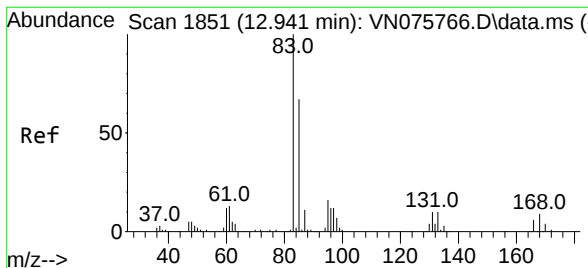
43 100

70 51.3 41.4 62.0

55 25.6 21.3 31.9

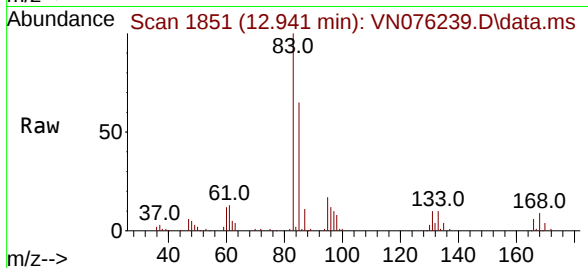
61 26.6 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.769 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

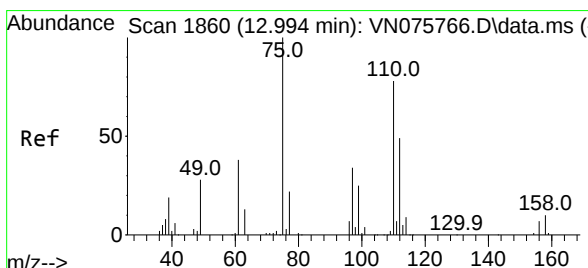
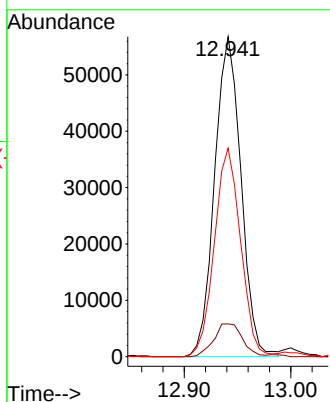
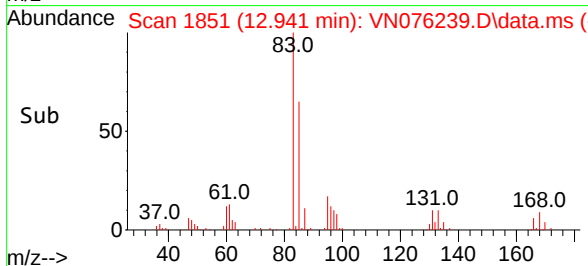
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



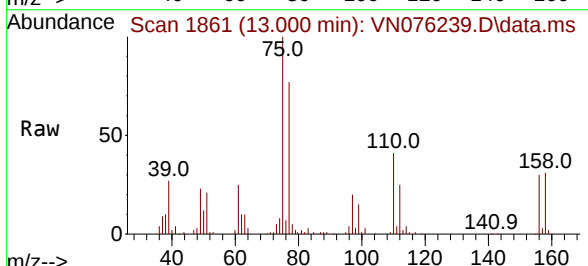
Tgt Ion: 83 Resp: 9777
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.6 32.6 98.0

Manual Integrations
APPROVED

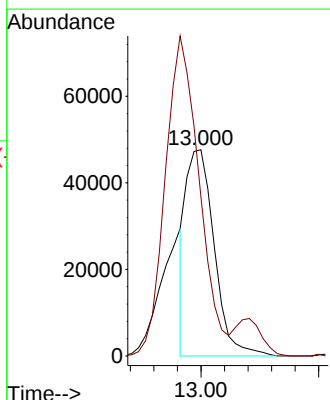
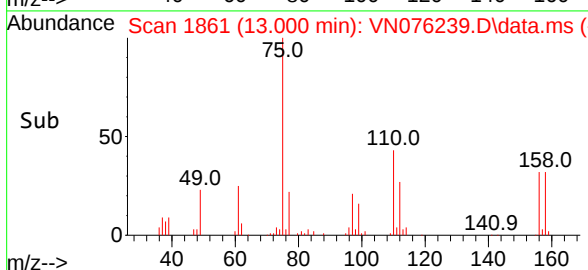
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

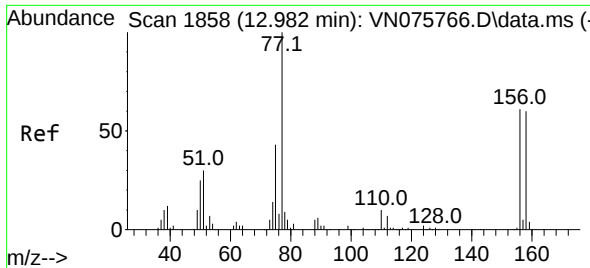


#76
1,2,3-Trichloropropane
Concen: 17.763 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



Tgt Ion: 75 Resp: 79272
Ion Ratio Lower Upper
75 100
77 186.6 82.6 247.8





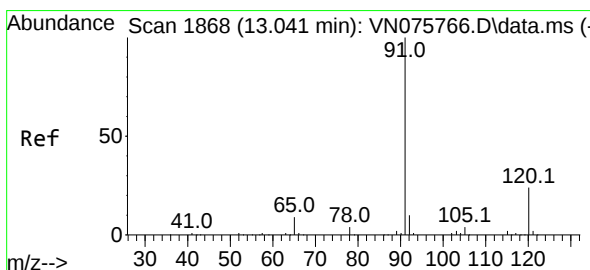
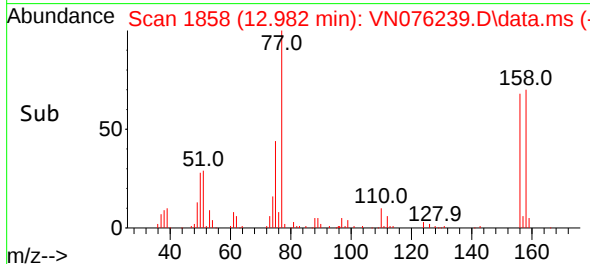
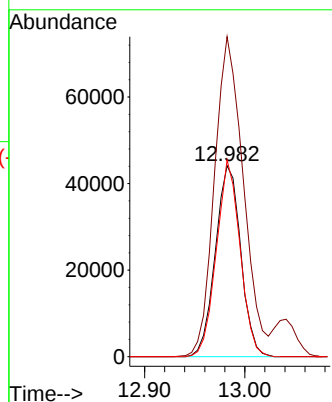
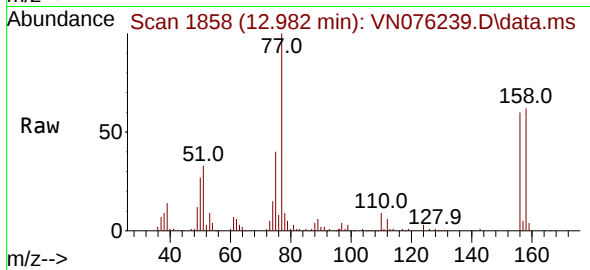
#77
Bromobenzene
Concen: 19.118 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:156 Resp: 7740
Ion Ratio Lower Upper
156 100
77 191.1 93.8 281.3
158 96.1 48.9 146.6

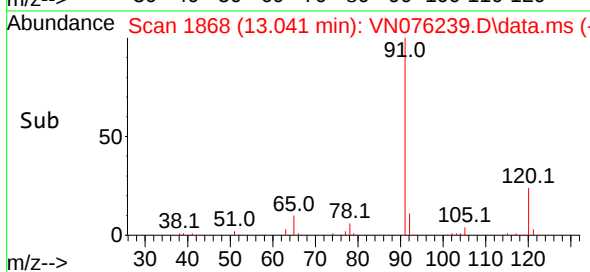
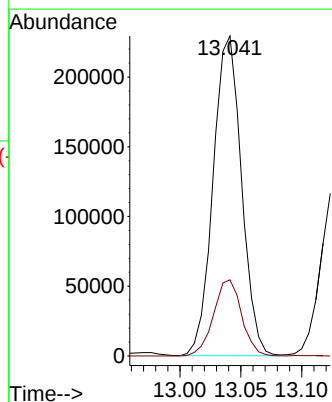
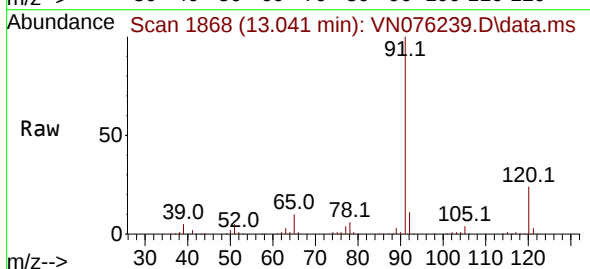
Manual Integrations
APPROVED

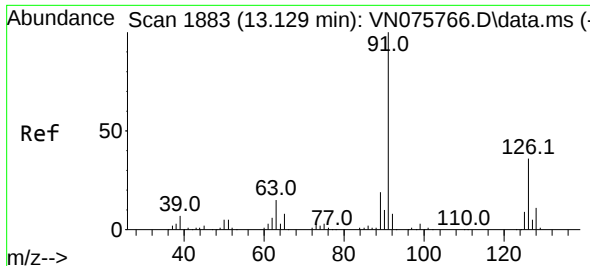
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#78
n-propylbenzene
Concen: 21.042 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

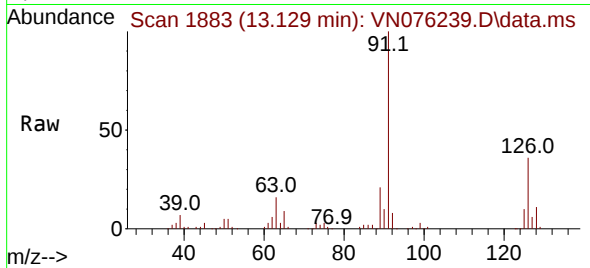
Tgt Ion: 91 Resp: 371308
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1





#79
2-Chlorotoluene
Concen: 19.826 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

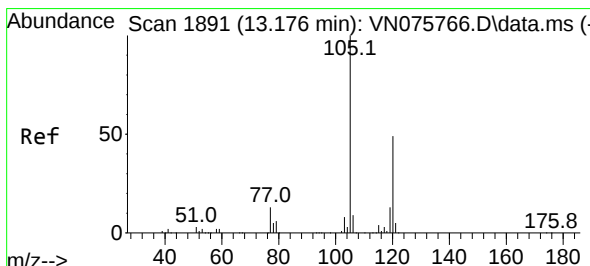
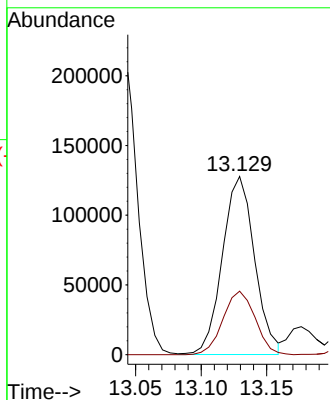
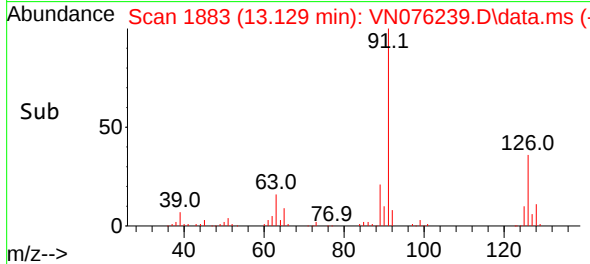
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



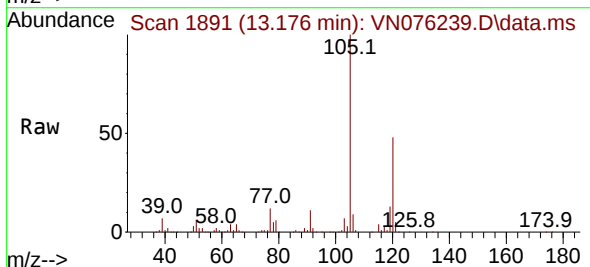
Tgt Ion: 91 Resp: 21838
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5

Manual Integrations
APPROVED

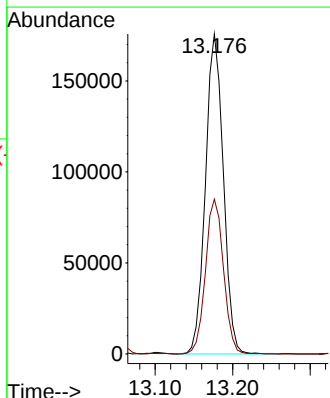
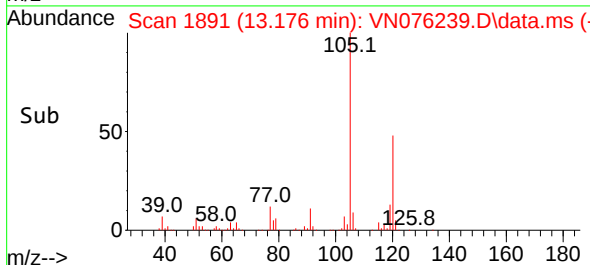
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

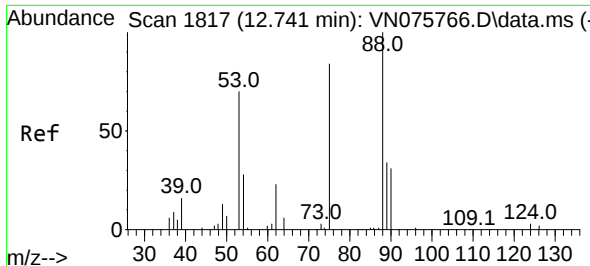


#80
1,3,5-Trimethylbenzene
Concen: 21.053 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



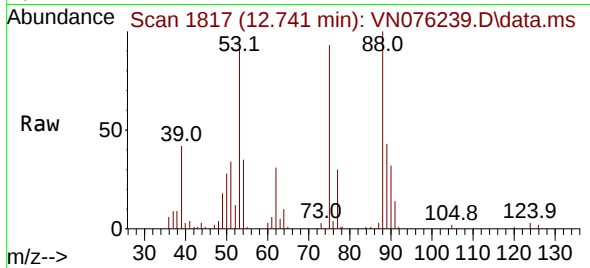
Tgt Ion:105 Resp: 281904
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.664 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

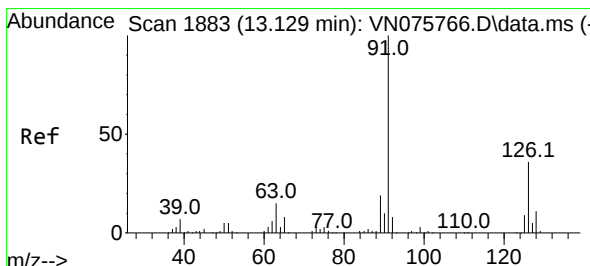
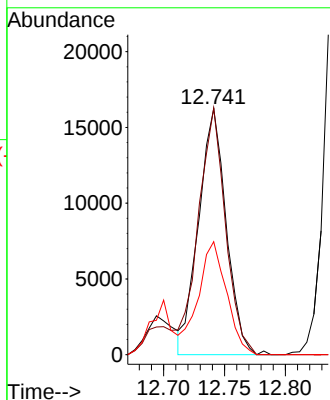
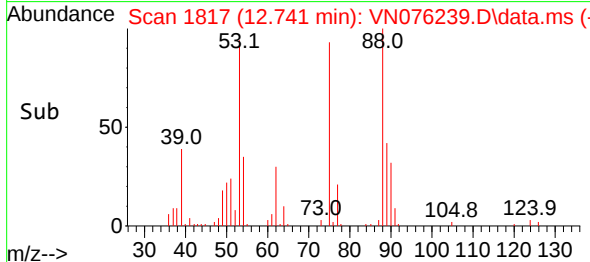
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 75 Resp: 25620
Ion Ratio Lower Upper
75 100
53 100.6 73.8 110.6
89 47.4 39.5 59.3

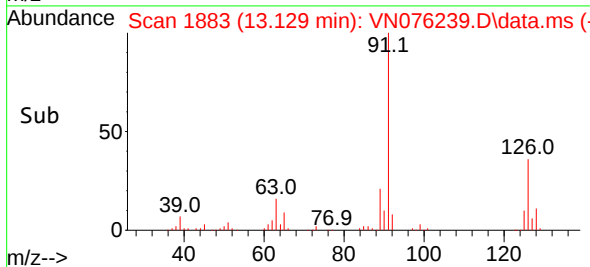
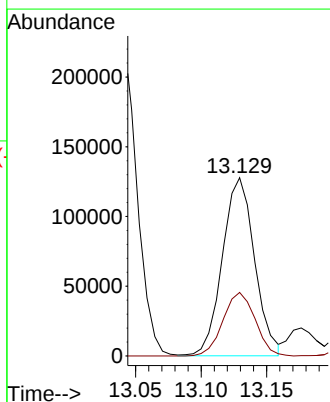
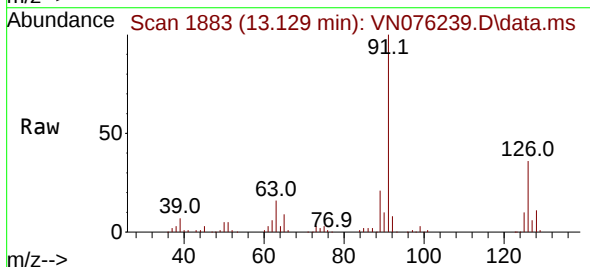
Manual Integrations
APPROVED

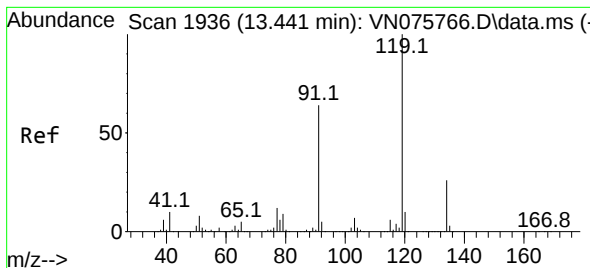
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#82
4-Chlorotoluene
Concen: 19.826 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

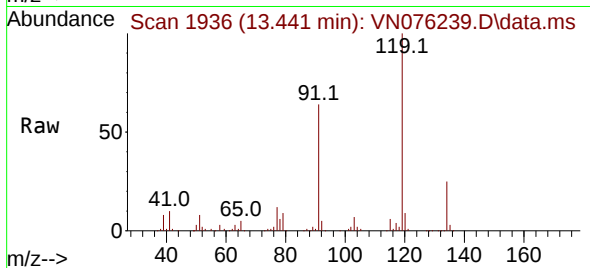
Tgt Ion: 91 Resp: 218382
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5





#83
tert-Butylbenzene
Concen: 21.733 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

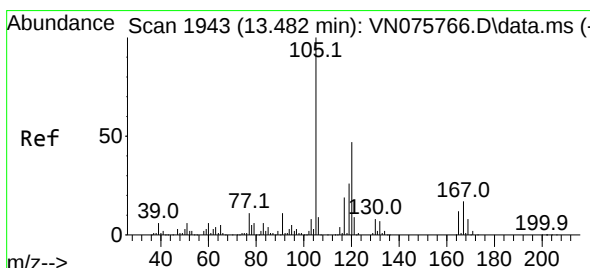
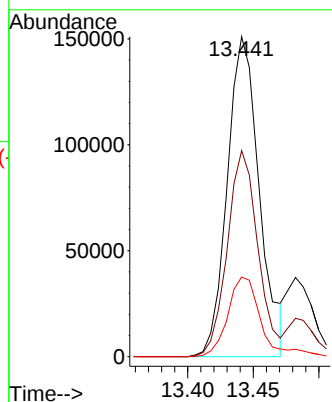
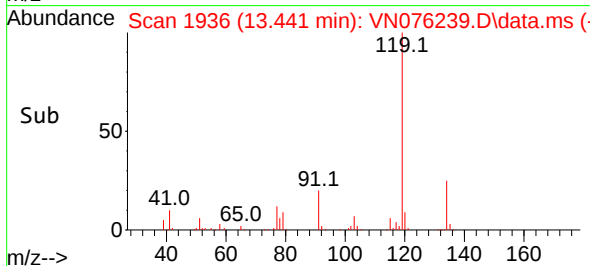
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



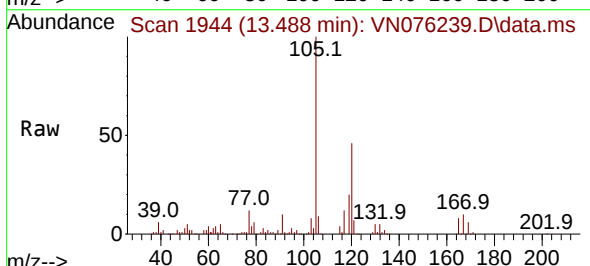
Tgt Ion:119 Resp: 25657
Ion Ratio Lower Upper
119 100
91 61.6 31.9 95.5
134 25.8 13.8 41.4

Manual Integrations
APPROVED

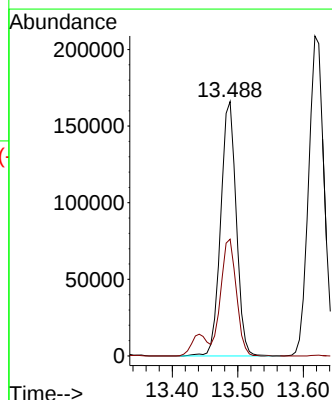
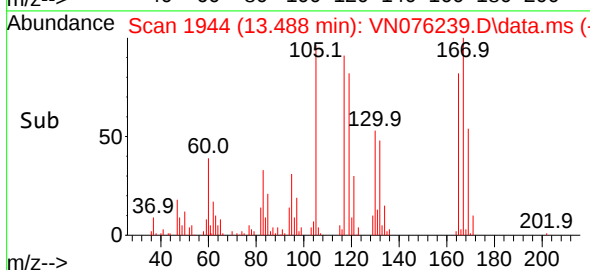
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

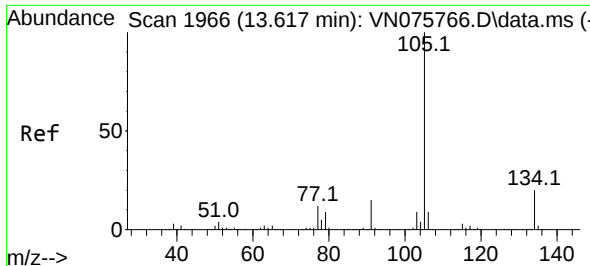


#84
1,2,4-Trimethylbenzene
Concen: 20.508 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



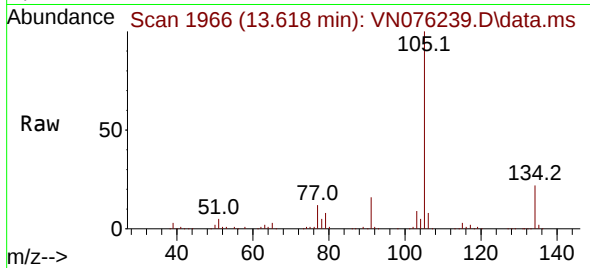
Tgt Ion:105 Resp: 272422
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.994 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

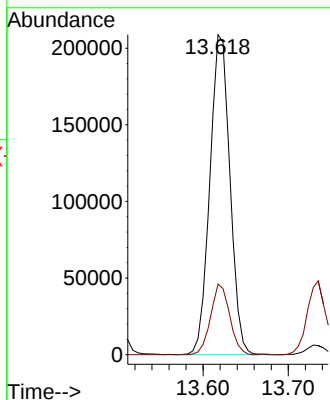
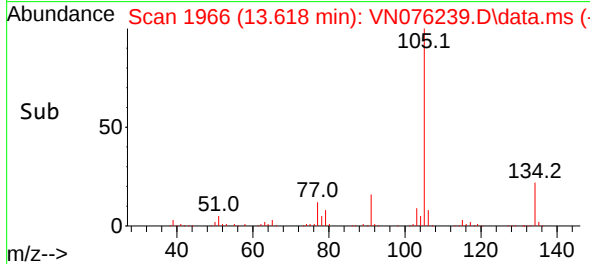
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01



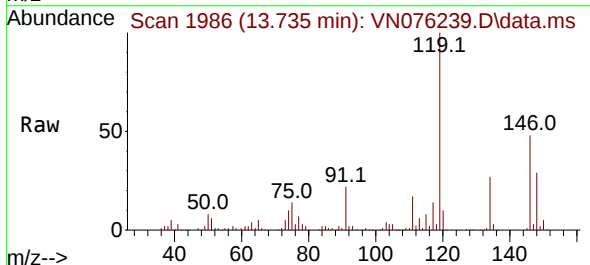
Tgt Ion:105 Resp: 342090
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1

Manual Integrations
 APPROVED

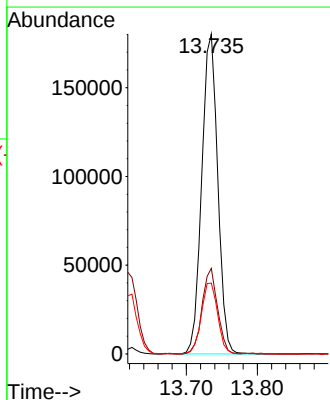
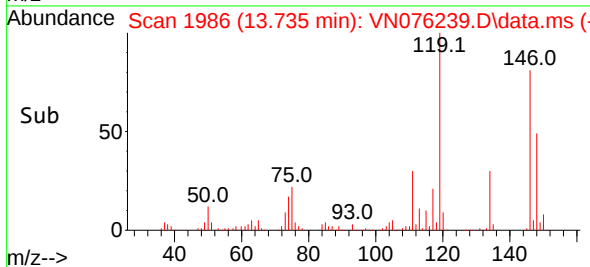
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023

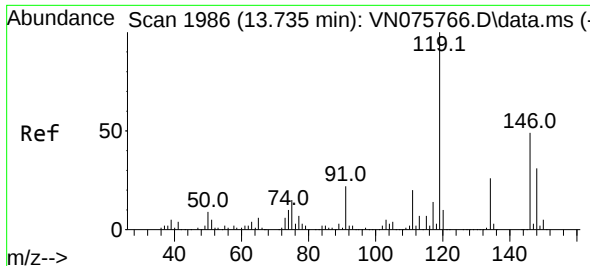


#86
 p-Isopropyltoluene
 Concen: 20.868 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16



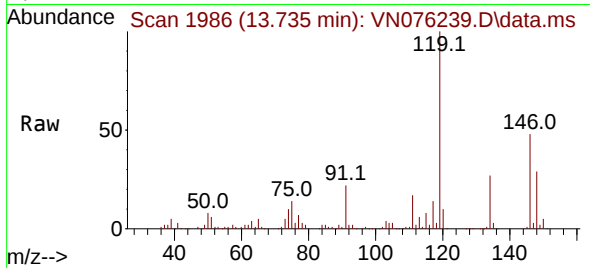
Tgt Ion:119 Resp: 282936
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.8 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 18.960 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

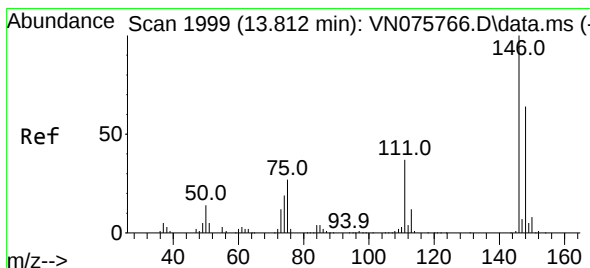
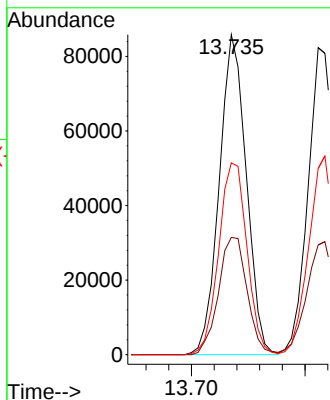
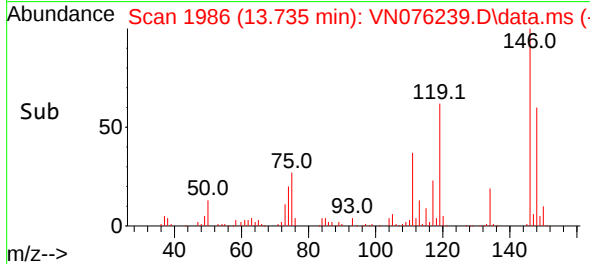
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



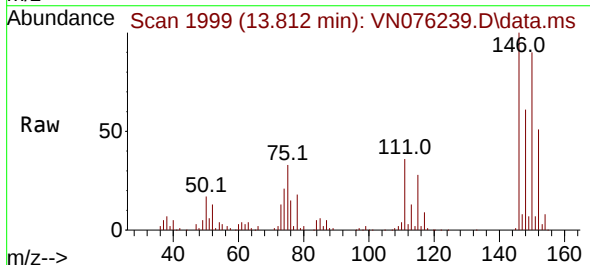
Tgt Ion:146 Resp: 141800
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.0
148 62.7 31.4 94.2

Manual Integrations
APPROVED

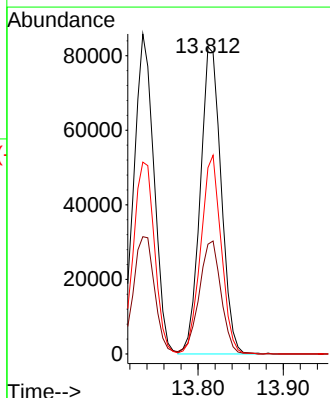
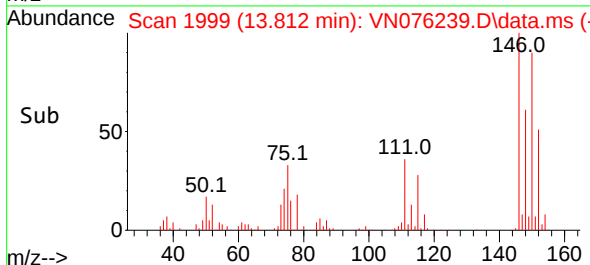
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

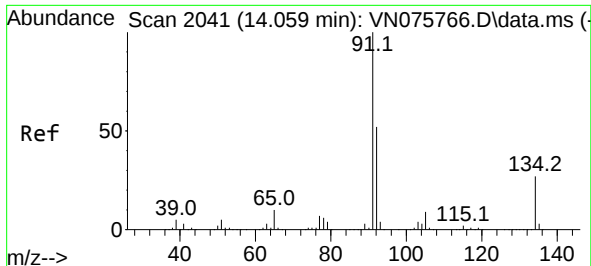


#88
1,4-Dichlorobenzene
Concen: 18.353 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



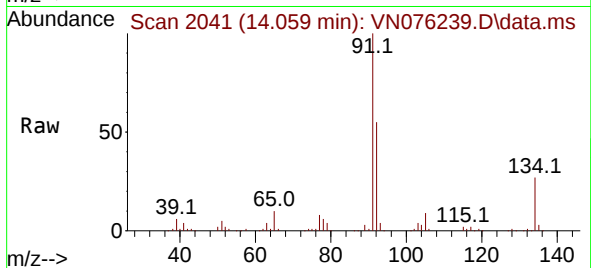
Tgt Ion:146 Resp: 140224
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 63.4 32.0 96.2





#89
n-Butylbenzene
Concen: 19.115 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

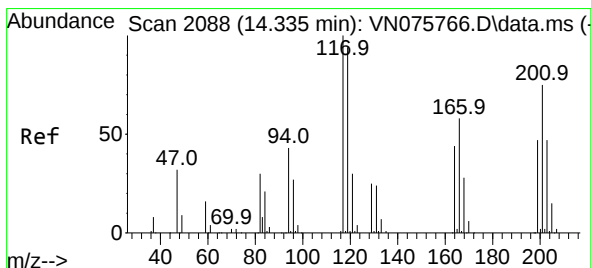
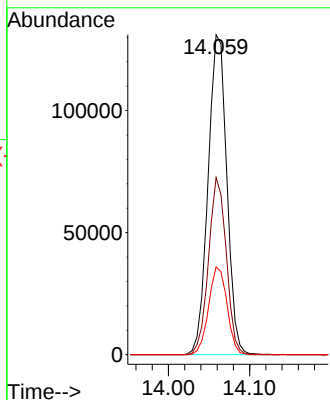
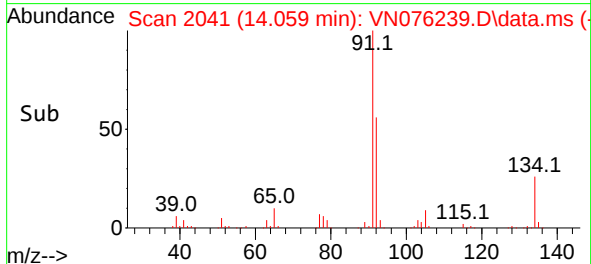
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 91 Resp: 209969
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 26.9 13.4 40.2

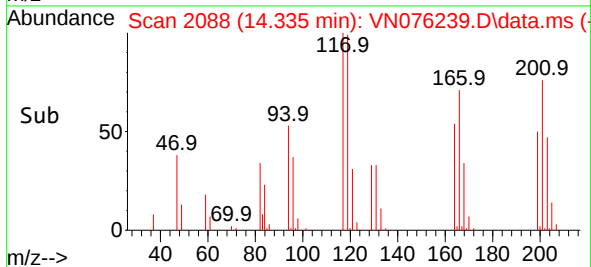
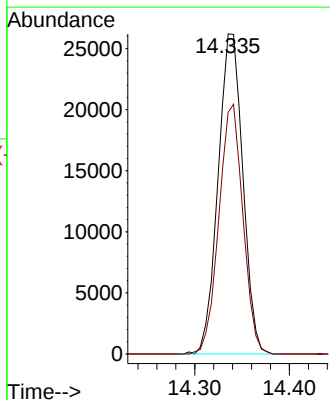
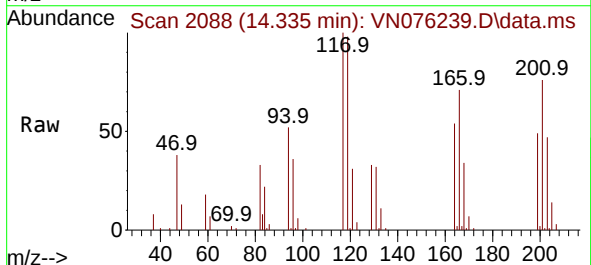
Manual Integrations
APPROVED

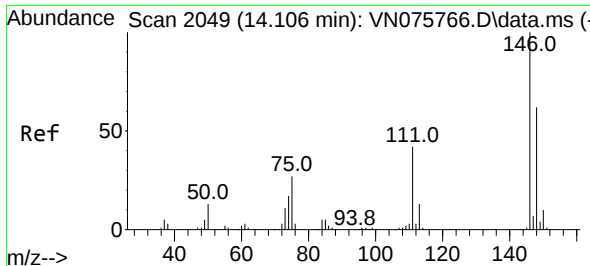
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#90
Hexachloroethane
Concen: 19.627 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

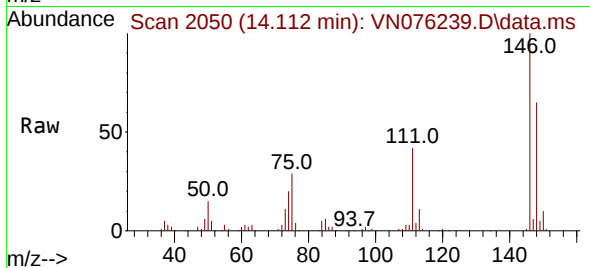
Tgt Ion:117 Resp: 47603
Ion Ratio Lower Upper
117 100
201 75.8 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 18.937 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

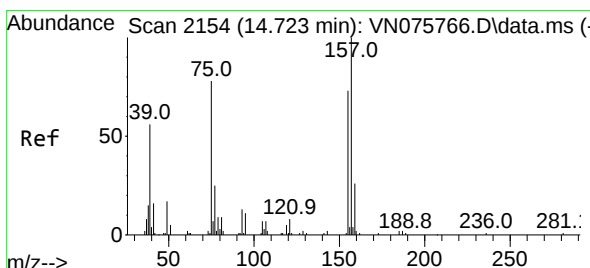
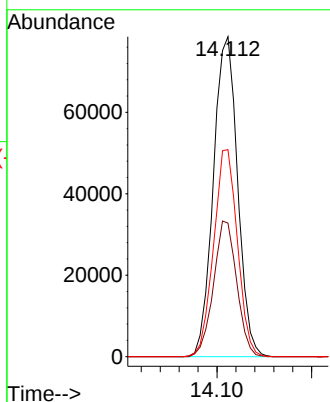
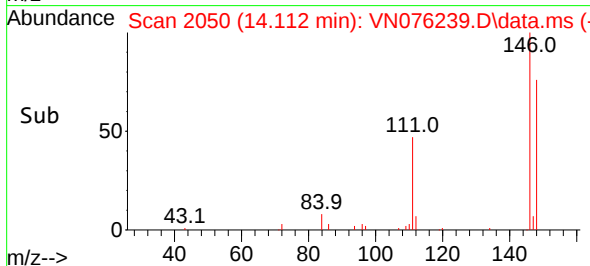
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



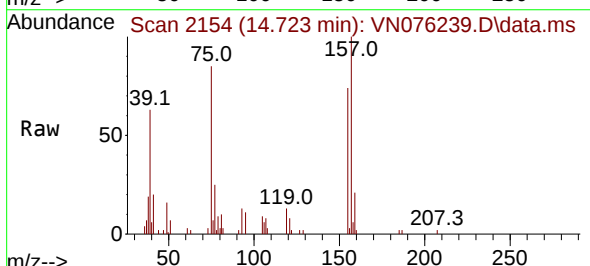
Tgt Ion:146 Resp: 139504
Ion Ratio Lower Upper
146 100
111 40.8 20.3 61.0
148 63.6 31.7 95.1

Manual Integrations
APPROVED

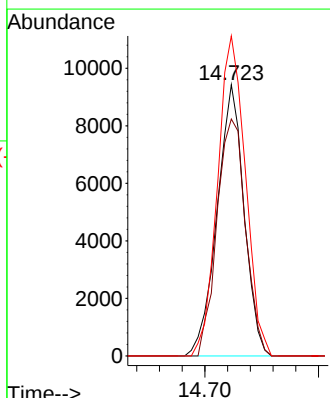
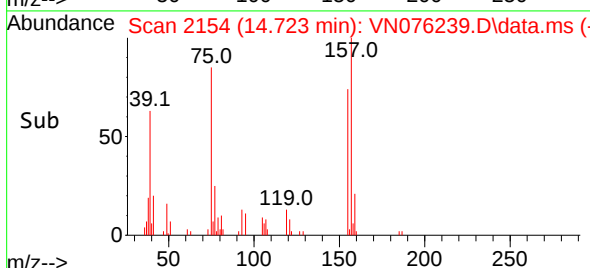
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

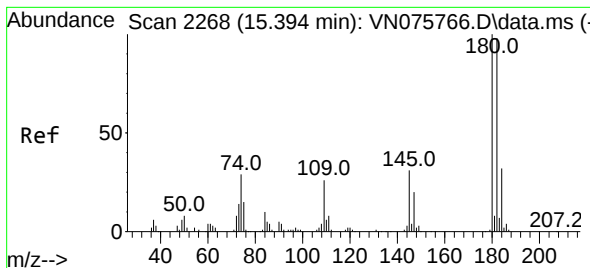


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.700 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16



Tgt Ion: 75 Resp: 15533
Ion Ratio Lower Upper
75 100
155 92.4 49.3 147.8
157 121.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 16.326 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

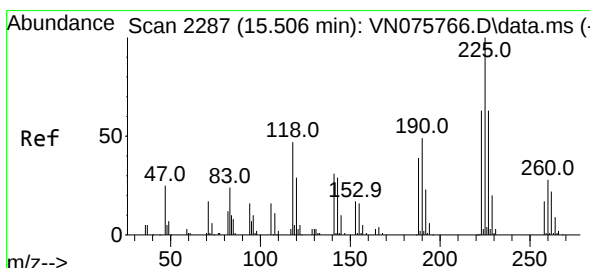
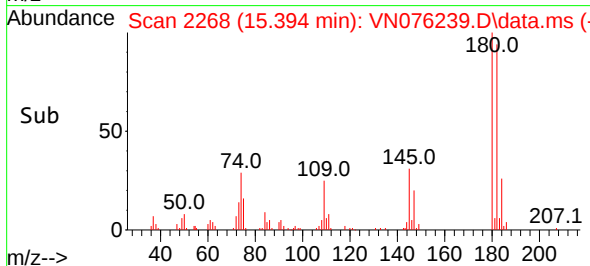
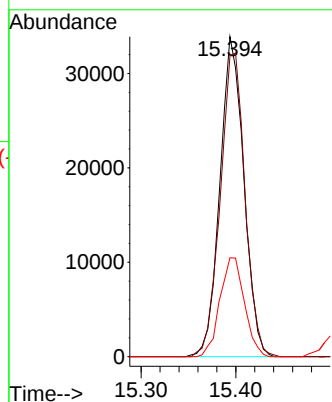
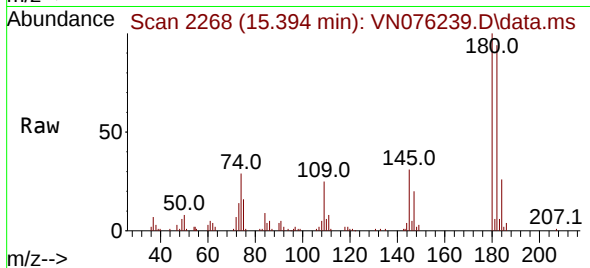
Tgt Ion:180	Resp:	59544
Ion Ratio	Lower	Upper
180	100	
182	98.0	47.5 142.5
145	31.7	15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#94

Hexachlorobutadiene

Concen: 18.085 ug/l

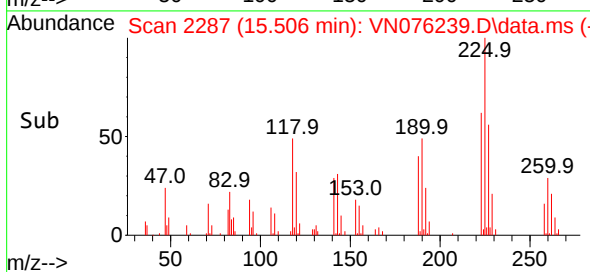
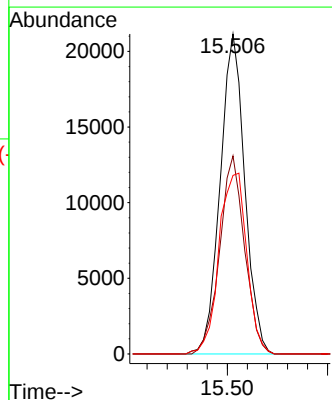
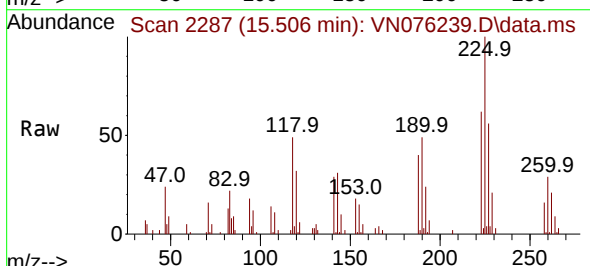
RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion:225	Resp:	35987
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.5 94.5
227	63.8	31.6 95.0





#95

Naphthalene

Concen: 16.650 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

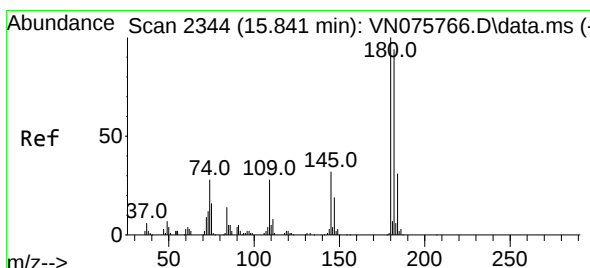
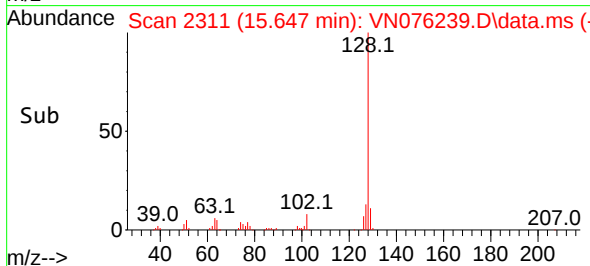
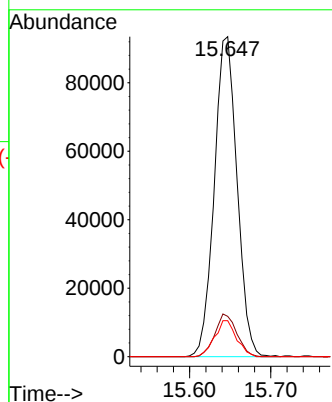
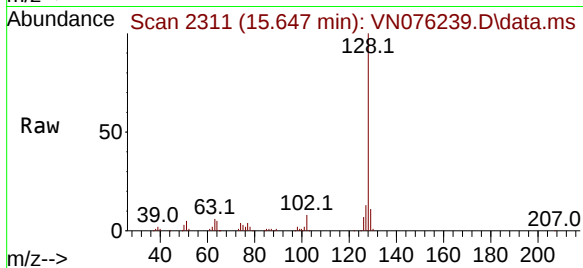
Tgt Ion:	128	Resp:	18232
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.465 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion:	180	Resp:	59534
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.0	141.0
145	31.5	16.0	47.9

