

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076199.D
 Acq On : 11 Jan 2023 10:42
 Operator : JC\MD
 Sample : VN0111WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:31:06 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	388375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	605044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	528174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	194826	46.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.220%		
35) Dibromofluoromethane	8.171	113	180015	48.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.080%		
50) Toluene-d8	10.571	98	647497	46.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.853	95	217349	46.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	64602	23.427	ug/l	96
3) Chloromethane	2.377	50	63855	18.622	ug/l	93
4) Vinyl Chloride	2.530	62	75881	18.551	ug/l	96
5) Bromomethane	2.965	94	61950	17.821	ug/l	97
6) Chloroethane	3.130	64	55983	18.482	ug/l	98
7) Trichlorofluoromethane	3.512	101	112083	18.059	ug/l	98
8) Diethyl Ether	3.971	74	39703	17.514	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	65856	18.582	ug/l	100
10) Methyl Iodide	4.606	142	96000	16.691	ug/l	100
11) Tert butyl alcohol	5.536	59	48092	80.441	ug/l #	85
12) 1,1-Dichloroethene	4.353	96	60016	17.436	ug/l	97
13) Acrolein	4.194	56	63774	87.010	ug/l	99
14) Allyl chloride	5.041	41	72096	17.917	ug/l	93
15) Acrylonitrile	5.736	53	138500	84.891	ug/l	98
16) Acetone	4.442	43	129730	89.070	ug/l	98
17) Carbon Disulfide	4.724	76	130393	15.646	ug/l	100
18) Methyl Acetate	5.041	43	79570	18.482	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	214193	18.896	ug/l	95
20) Methylene Chloride	5.289	84	69131	17.324	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	64468	17.102	ug/l	96
22) Diisopropyl ether	6.688	45	178511	18.262	ug/l	98
23) Vinyl Acetate	6.618	43	560083	85.129	ug/l	99
24) 1,1-Dichloroethane	6.583	63	114474	17.560	ug/l	99
25) 2-Butanone	7.494	43	180920	88.714	ug/l	99
26) 2,2-Dichloropropane	7.500	77	96059	17.400	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	77919	17.283	ug/l	97
28) Bromochloromethane	7.824	49	46371	16.229	ug/l	97
29) Tetrahydrofuran	7.841	42	114039	89.232	ug/l	98
30) Chloroform	7.977	83	124906	17.018	ug/l	95
31) Cyclohexane	8.271	56	105346	17.409	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	114706	17.628	ug/l	97
36) 1,1-Dichloropropene	8.377	75	89723	18.026	ug/l	99
37) Ethyl Acetate	7.565	43	77698	19.434	ug/l	100
38) Carbon Tetrachloride	8.365	117	100341	18.012	ug/l	95
39) Methylcyclohexane	9.606	83	115109	19.169	ug/l	97
40) Benzene	8.612	78	277165	18.048	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	38937	18.736	ug/l	98
42) 1,2-Dichloroethane	8.677	62	94810	18.570	ug/l	99
43) Isopropyl Acetate	8.694	43	123323	18.699	ug/l	100
44) Trichloroethene	9.353	130	75831	17.528	ug/l	89
45) 1,2-Dichloropropane	9.624	63	65628	17.561	ug/l	98
46) Dibromomethane	9.712	93	49245	17.766	ug/l	99
47) Bromodichloromethane	9.888	83	96336	17.723	ug/l	99
48) Methyl methacrylate	9.682	41	56857	19.141	ug/l	98
49) 1,4-Dioxane	9.694	88	24262	332.239	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	373388	93.616	ug/l	98
52) Toluene	10.635	92	181481	18.145	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	96095	18.060	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	107662	18.429	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	71715	18.268	ug/l	99
56) Ethyl methacrylate	10.876	69	97979	18.790	ug/l	97
57) 1,3-Dichloropropane	11.165	76	115178	17.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	153334	92.360	ug/l	98
59) 2-Hexanone	11.194	43	265536	91.291	ug/l	99
60) Dibromochloromethane	11.359	129	77685	17.794	ug/l	98
61) 1,2-Dibromoethane	11.470	107	70763	17.812	ug/l	98
64) Tetrachloroethene	11.106	164	77515	20.856	ug/l	98
65) Chlorobenzene	11.894	112	194737	17.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	73985	18.426	ug/l	98
67) Ethyl Benzene	11.965	91	343920	18.797	ug/l	98
68) m/p-Xylenes	12.070	106	276070	38.123	ug/l	99
69) o-Xylene	12.400	106	136330	19.024	ug/l	99
70) Styrene	12.412	104	215459	18.909	ug/l	99
71) Bromoform	12.582	173	52848	18.088	ug/l #	99
73) Isopropylbenzene	12.700	105	356316	19.864	ug/l	100
74) N-amyl acetate	12.494	43	101429	19.275	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	96940	17.482	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	86123m	17.212	ug/l	
77) Bromobenzene	12.982	156	85569	18.849	ug/l	96
78) n-propylbenzene	13.035	91	386396	19.530	ug/l	100
79) 2-Chlorotoluene	13.129	91	234242	18.967	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	297526	19.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25679	18.473	ug/l #	85
82) 4-Chlorotoluene	13.129	91	234242	18.967	ug/l	99
83) tert-Butylbenzene	13.441	119	262170	19.806	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	294971	19.805	ug/l	99
85) sec-Butylbenzene	13.617	105	362785	19.857	ug/l	99
86) p-Isopropyltoluene	13.729	119	303694	19.977	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	155542	18.549	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	153023	17.863	ug/l	98
89) n-Butylbenzene	14.059	91	236363	19.192	ug/l	99
90) Hexachloroethane	14.335	117	50413	18.539	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	155111	18.779	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17742	18.031	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	72460	17.720	ug/l	100
94) Hexachlorobutadiene	15.500	225	41875	18.769	ug/l	97
95) Naphthalene	15.641	128	211436	17.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	70305	18.395	ug/l	98

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Response via : Initial Calibration

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

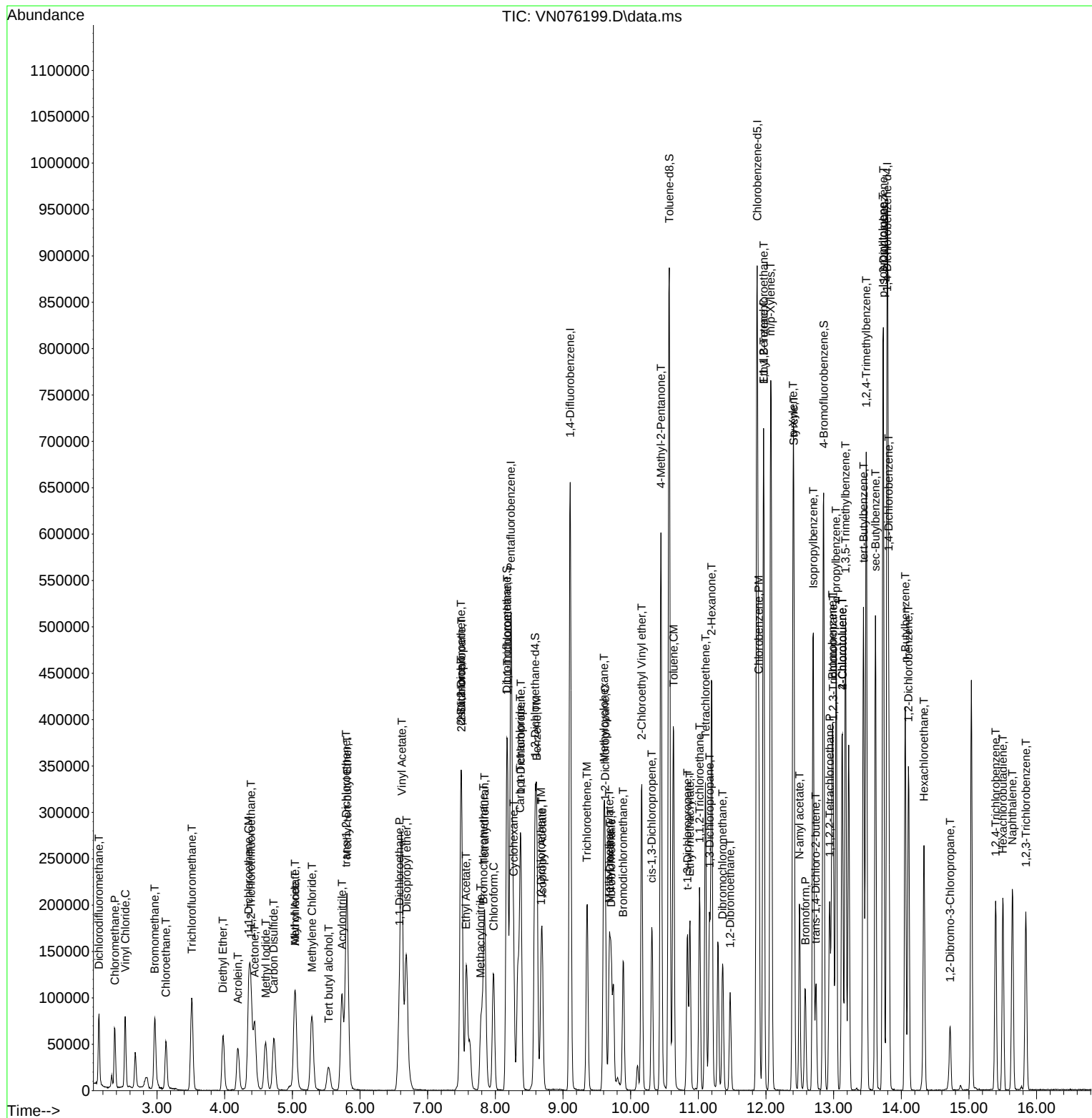
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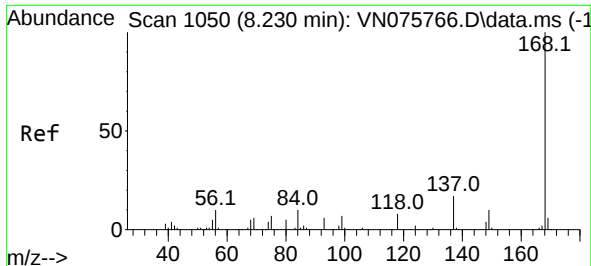
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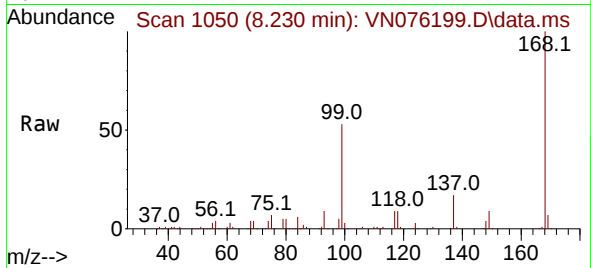
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

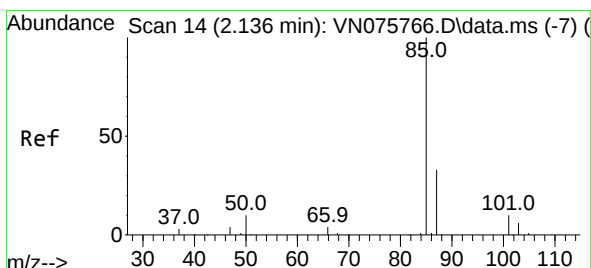
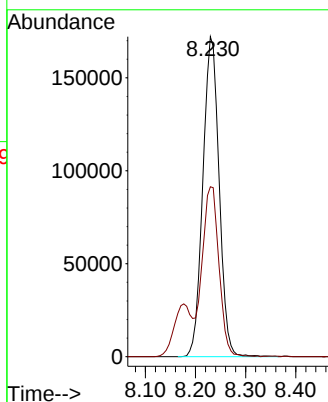
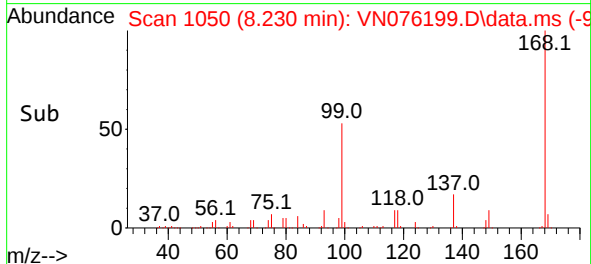
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion:168 Resp: 388375
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4

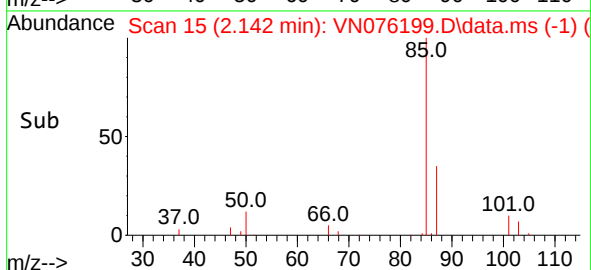
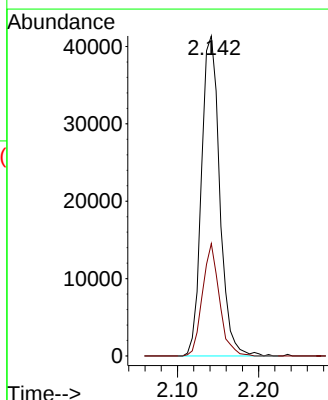
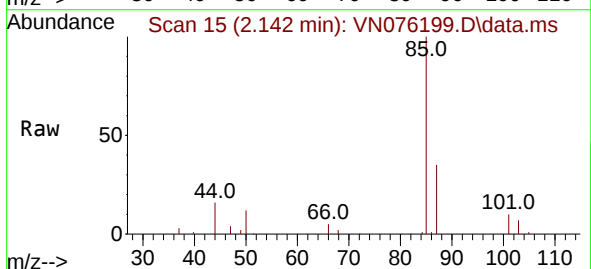
Manual Integrations
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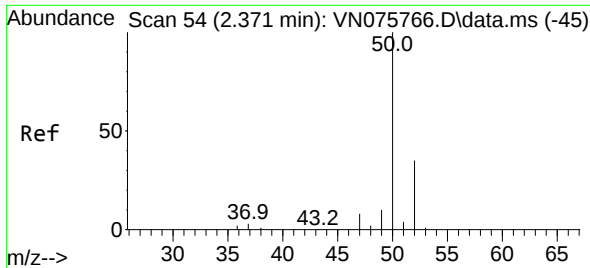
Reviewed By :John Carlone 01/12/2023
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#2
Dichlorodifluoromethane
Concen: 23.427 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 85 Resp: 64602
Ion Ratio Lower Upper
85 100
87 35.1 16.3 48.9





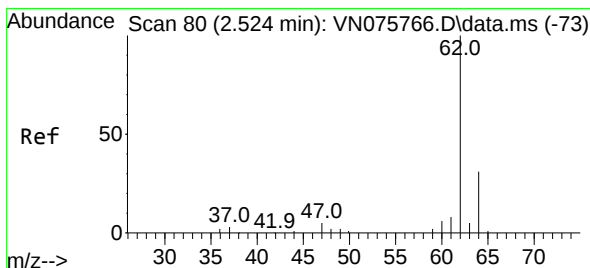
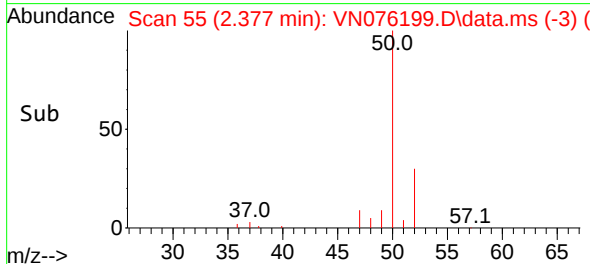
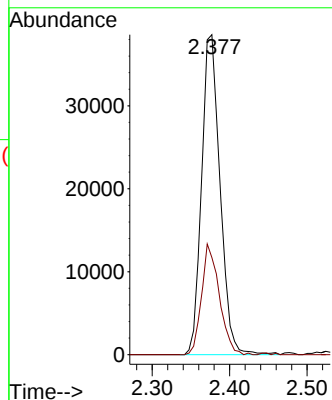
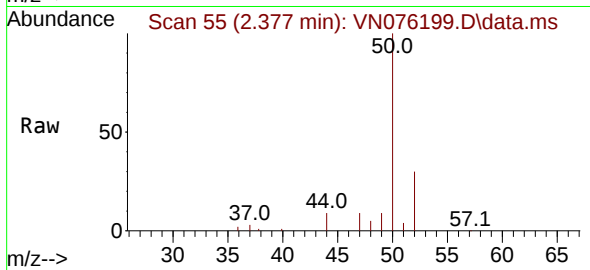
#3
Chloromethane
Concen: 18.622 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
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Tgt Ion: 50 Resp: 6385
Ion Ratio Lower Upper
50 100
52 30.4 27.7 41.5

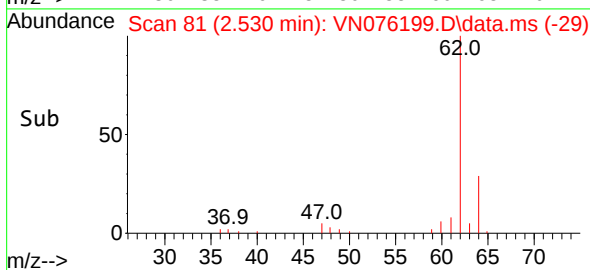
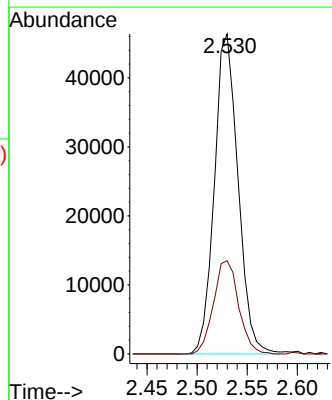
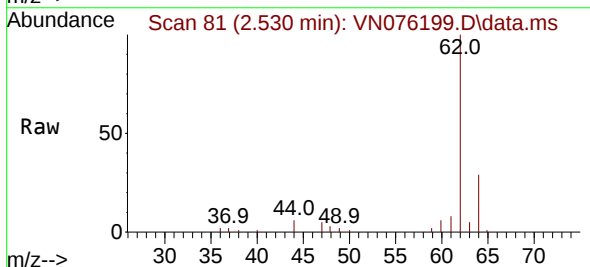
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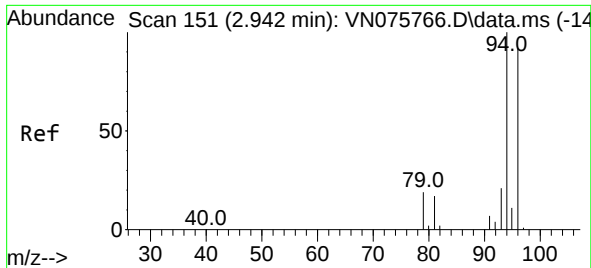
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#4
Vinyl Chloride
Concen: 18.551 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 62 Resp: 75881
Ion Ratio Lower Upper
62 100
64 29.1 24.9 37.3





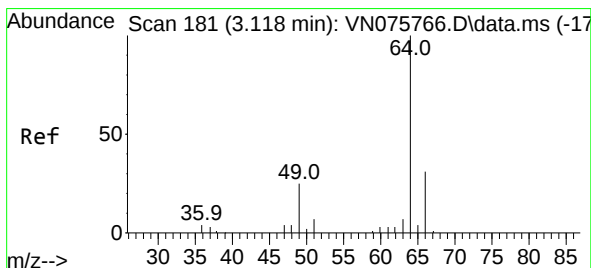
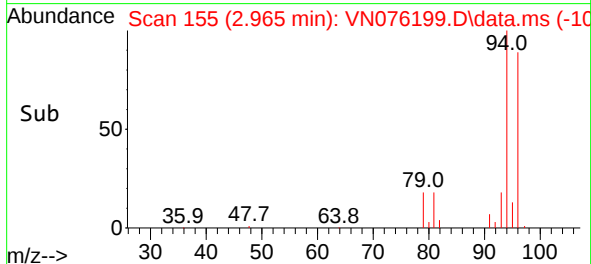
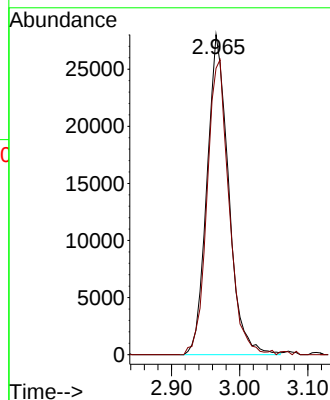
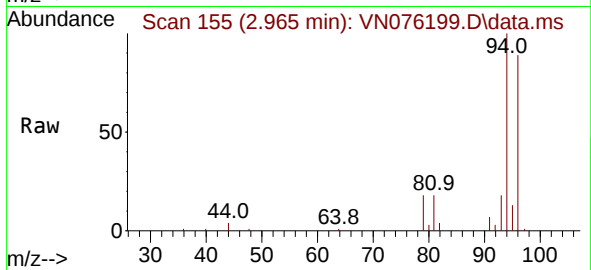
#5
Bromomethane
Concen: 17.821 ug/l
RT: 2.965 min Scan# 151
Delta R.T. 0.023 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 61950
Ion Ratio Lower Upper
94 100
96 89.5 73.8 110.6

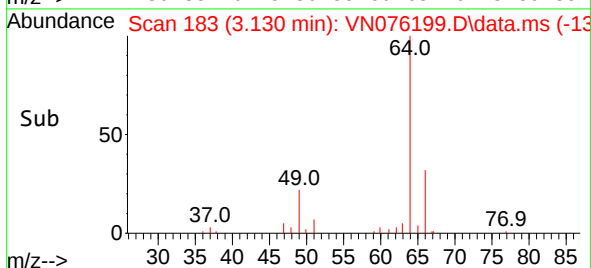
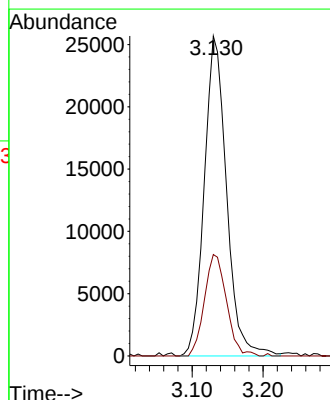
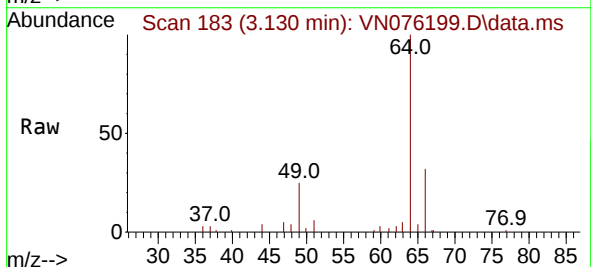
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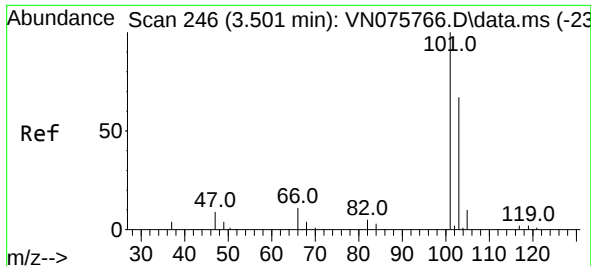
Reviewed By :John Carlone 01/12/2023
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#6
Chloroethane
Concen: 18.482 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

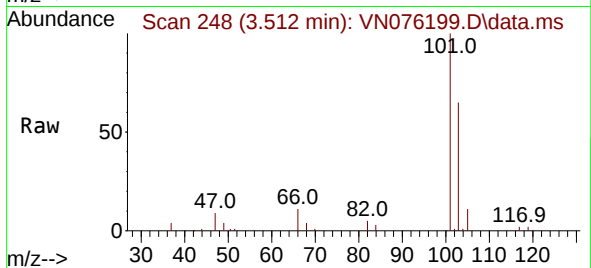
Tgt Ion: 64 Resp: 55983
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.059 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN076199.D
 Acq: 11 Jan 2023 10:42

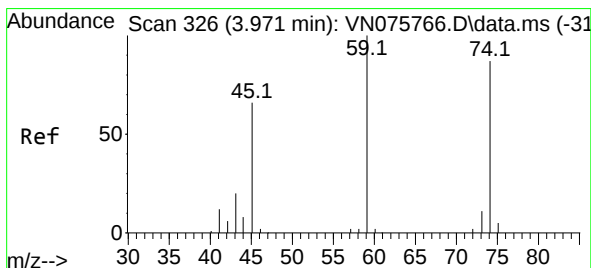
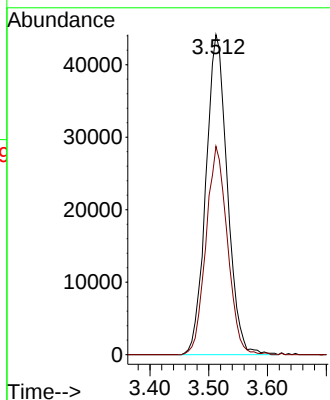
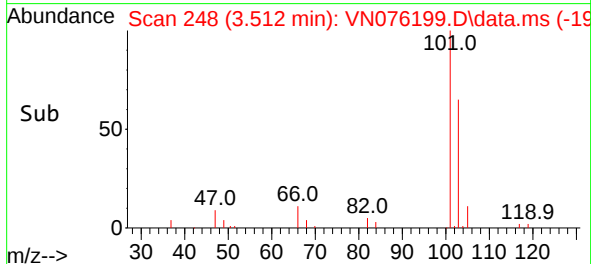
Instrument :
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Tgt Ion:101 Resp: 11208
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.4 80.2

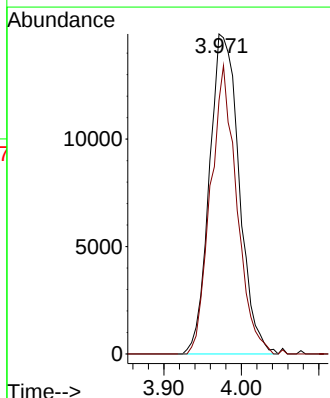
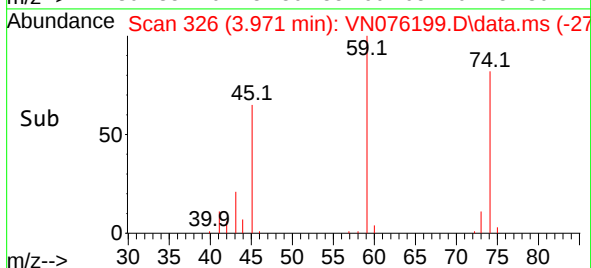
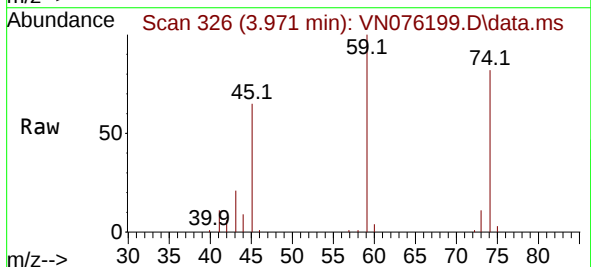
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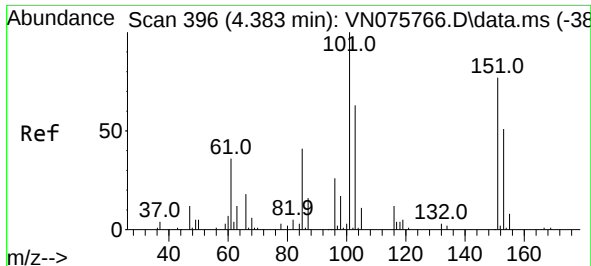
Reviewed By :John Carlone 01/12/2023
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#8
 Diethyl Ether
 Concen: 17.514 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN076199.D
 Acq: 11 Jan 2023 10:42

Tgt Ion: 74 Resp: 39703
 Ion Ratio Lower Upper
 74 100
 45 79.6 37.8 113.4





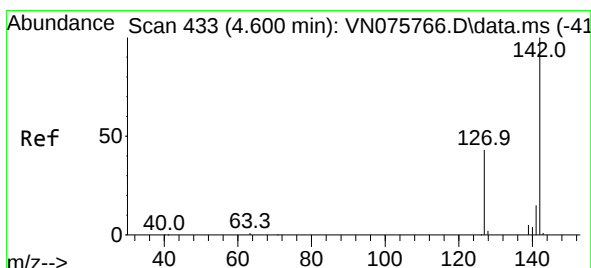
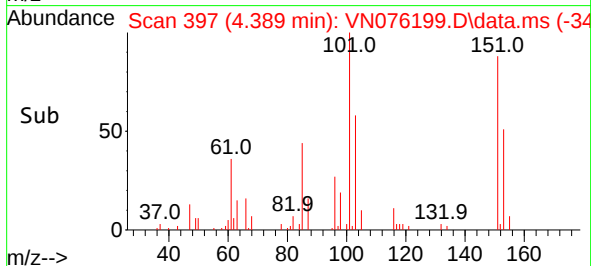
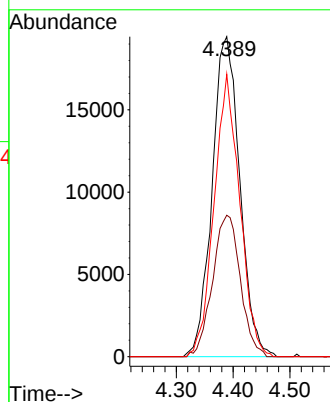
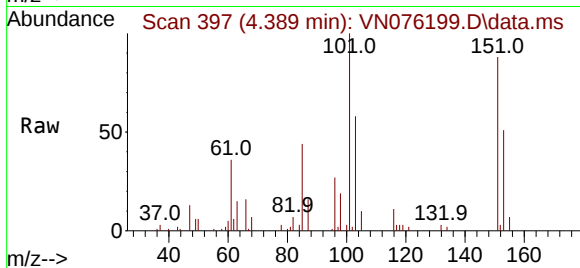
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.582 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion:101 Resp: 65850
Ion Ratio Lower Upper
101 100
85 44.4 35.3 52.9
151 81.7 65.6 98.4

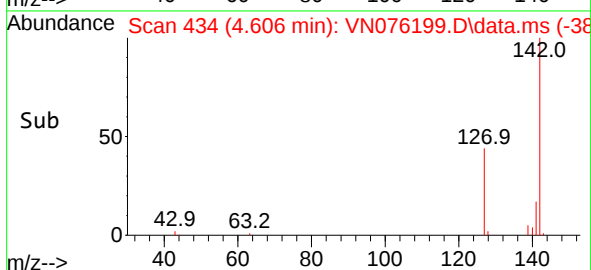
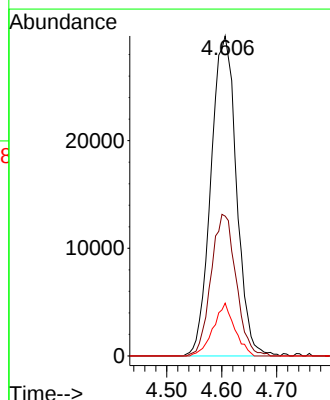
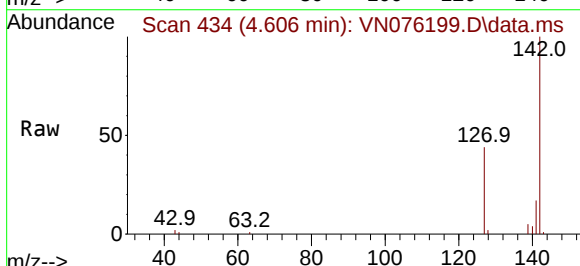
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#10
Methyl Iodide
Concen: 16.691 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

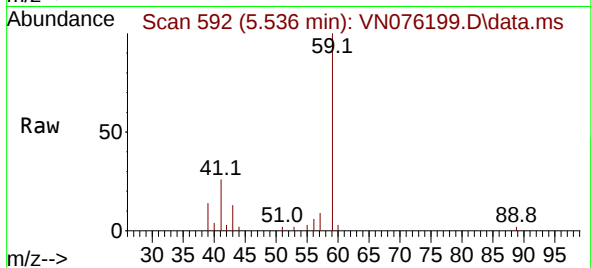
Tgt Ion:142 Resp: 96000
Ion Ratio Lower Upper
142 100
127 43.3 34.7 52.1
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 80.441 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

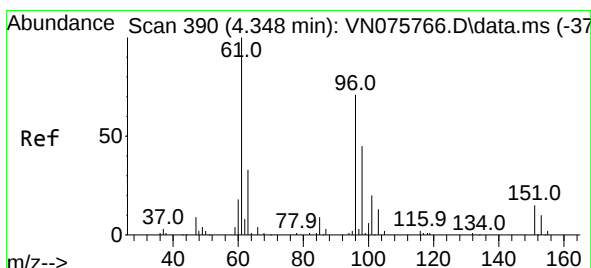
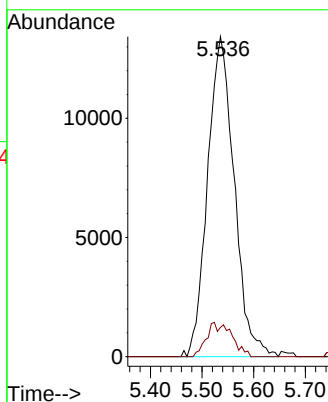
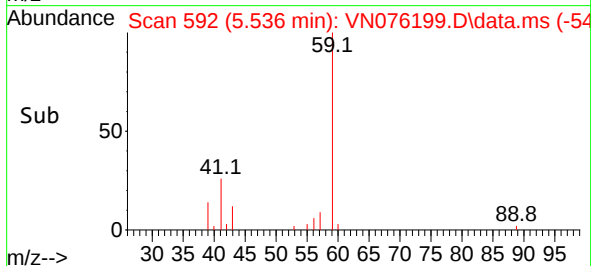
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



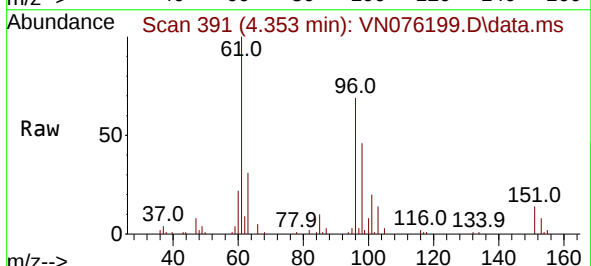
Tgt Ion: 59 Resp: 48092
Ion Ratio Lower Upper
59 100
57 4.7 8.2 12.4

Manual Integrations
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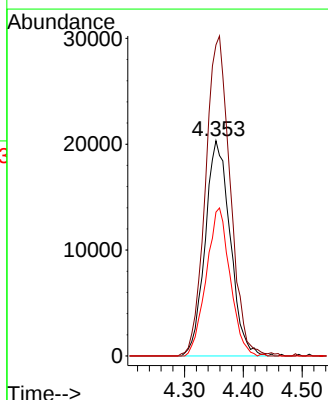
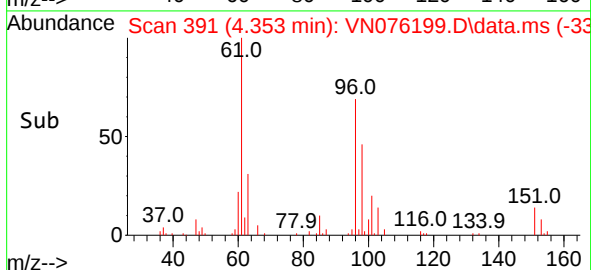
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

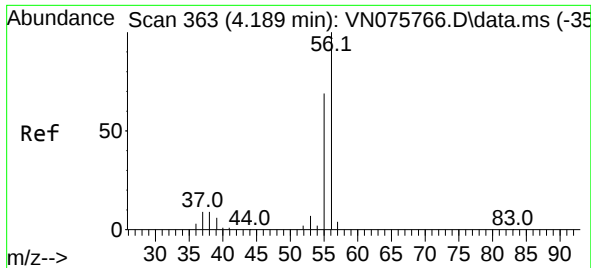


#12
1,1-Dichloroethene
Concen: 17.436 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion: 96 Resp: 60016
Ion Ratio Lower Upper
96 100
61 144.6 113.3 169.9
98 66.9 50.9 76.3





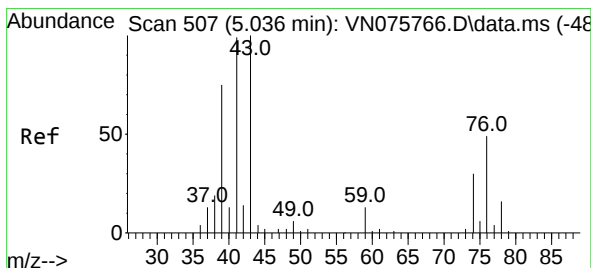
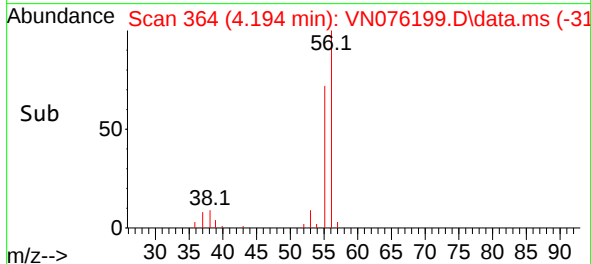
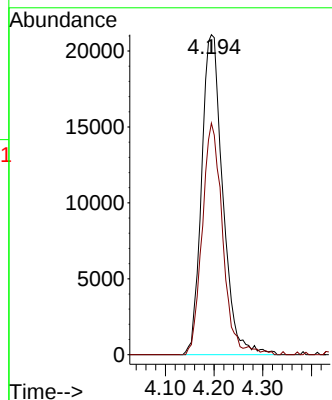
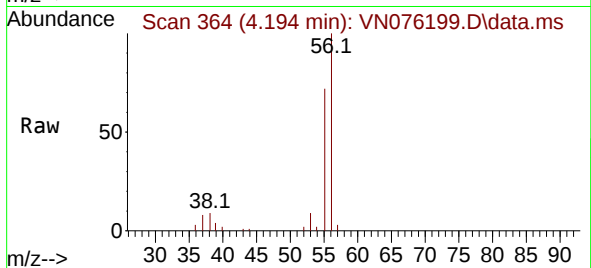
#13
Acrolein
Concen: 87.010 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 56 Resp: 63774
Ion Ratio Lower Upper
56 100
55 67.9 54.8 82.2

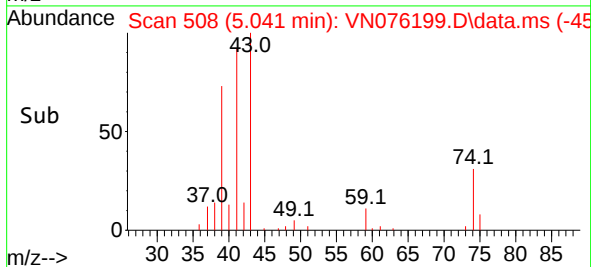
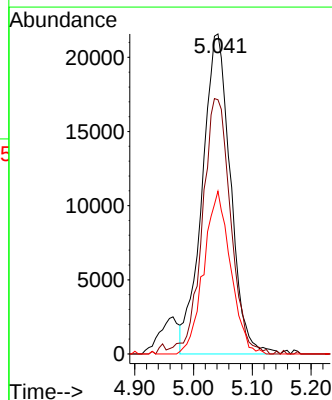
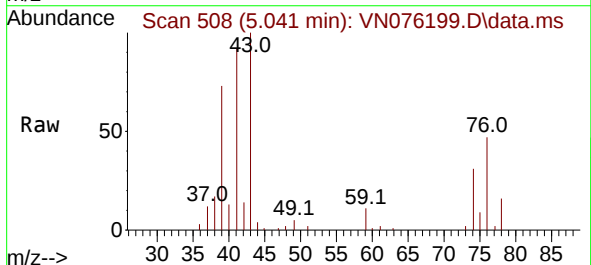
Manual Integrations
APPROVED

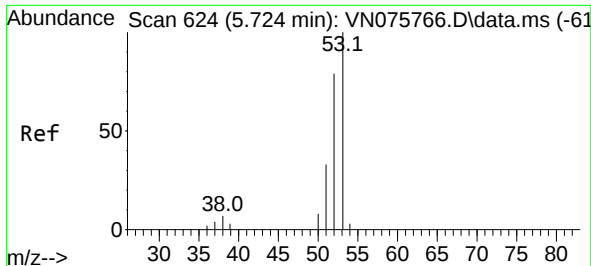
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#14
Allyl chloride
Concen: 17.917 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

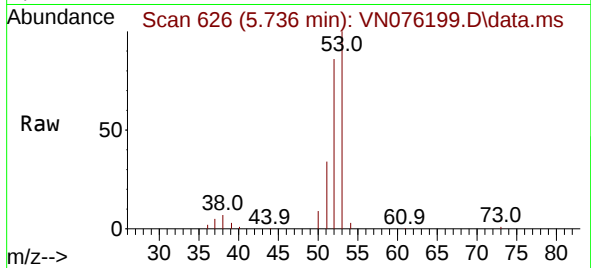
Tgt Ion: 41 Resp: 72096
Ion Ratio Lower Upper
41 100
39 79.8 58.3 87.5
76 48.2 35.8 53.6





#15
Acrylonitrile
Concen: 84.891 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

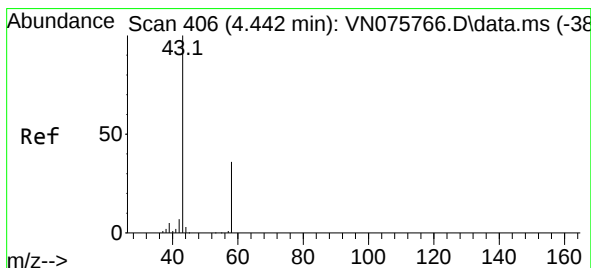
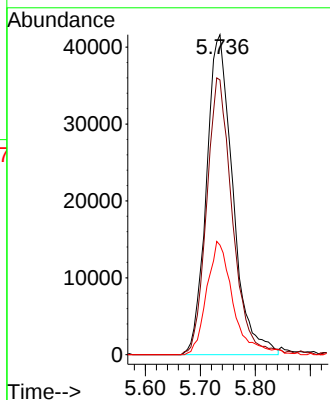
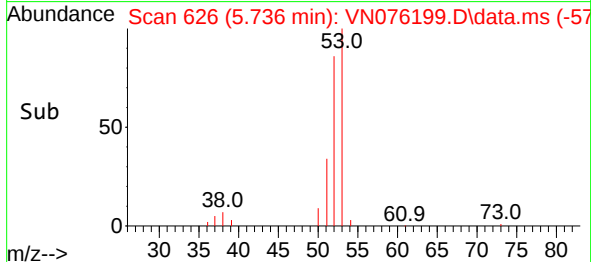
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 53 Resp: 138500
Ion Ratio Lower Upper
53 100
52 84.6 65.4 98.0
51 35.7 28.9 43.3

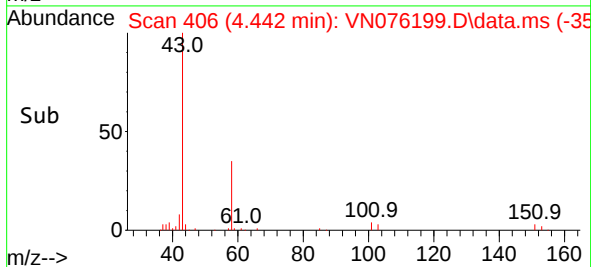
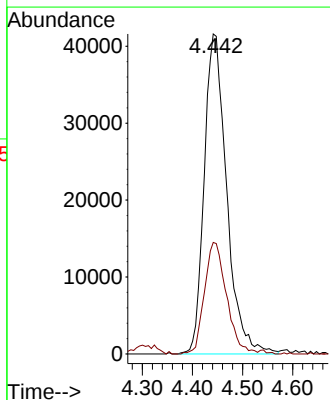
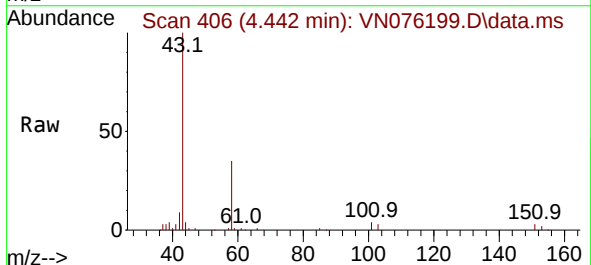
Manual Integrations
APPROVED

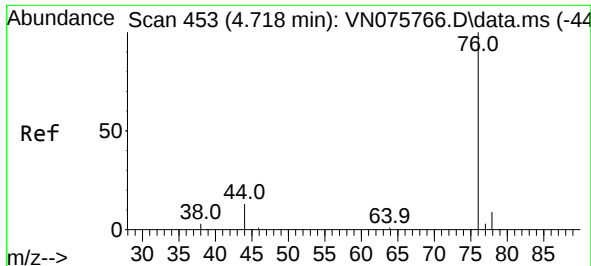
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#16
Acetone
Concen: 89.070 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 43 Resp: 129730
Ion Ratio Lower Upper
43 100
58 34.8 28.6 43.0





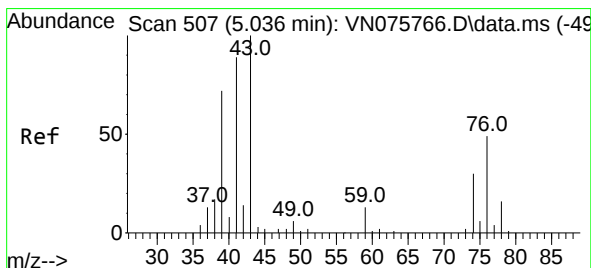
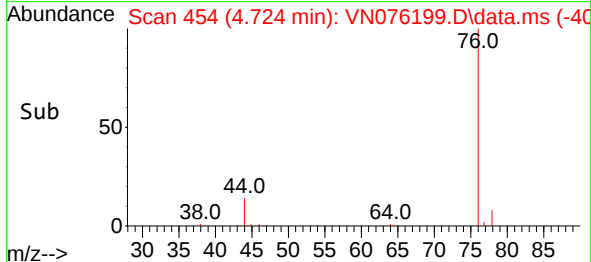
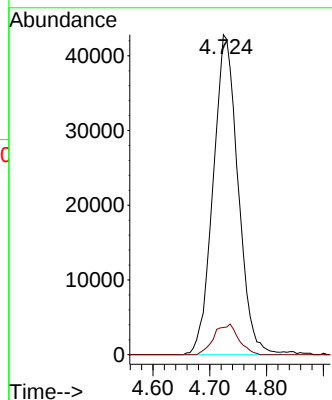
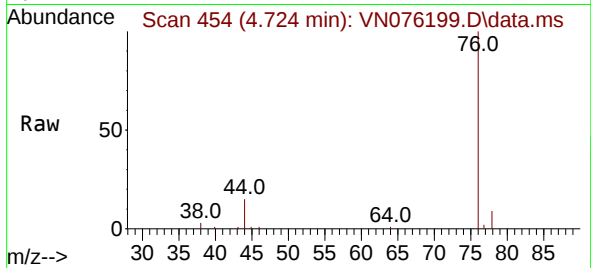
#17
Carbon Disulfide
Concen: 15.646 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 76 Resp: 13039
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

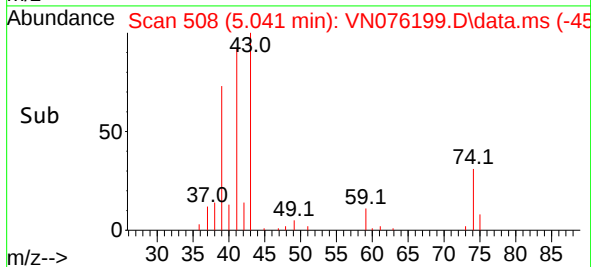
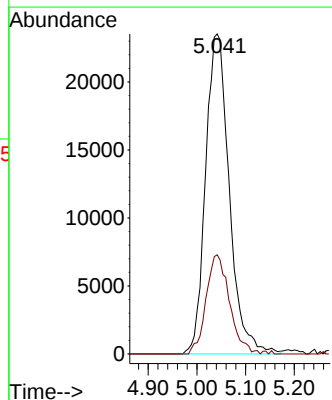
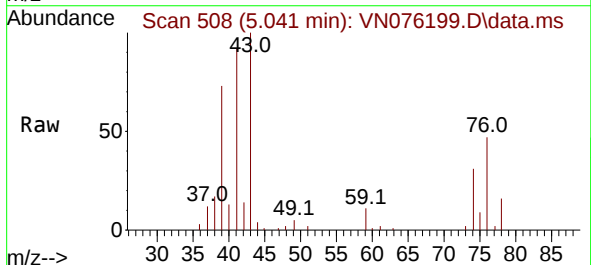
Manual Integrations
APPROVED

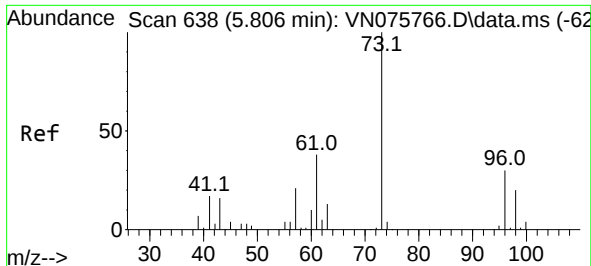
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#18
Methyl Acetate
Concen: 18.482 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 43 Resp: 79570
Ion Ratio Lower Upper
43 100
74 30.5 23.6 35.4





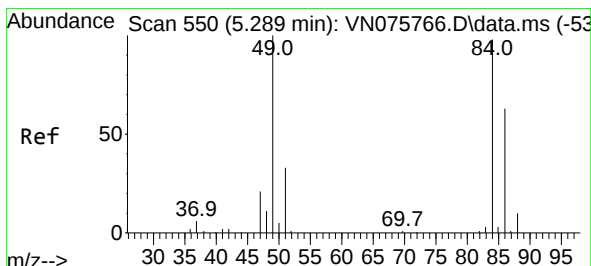
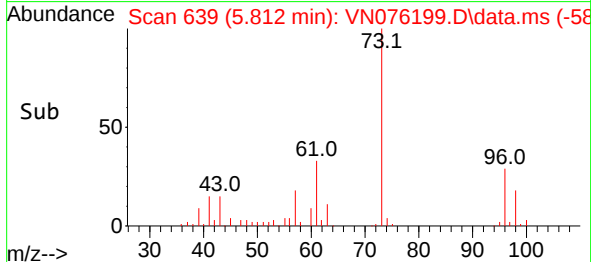
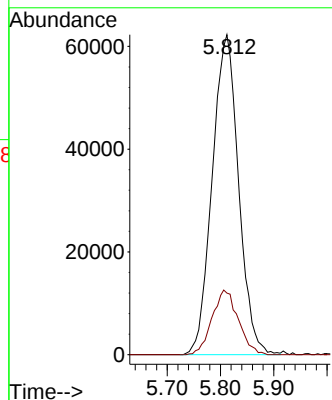
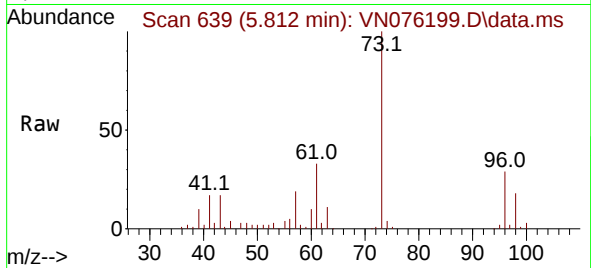
#19
Methyl tert-butyl Ether
Concen: 18.896 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 73 Resp: 21419
Ion Ratio Lower Upper
73 100
57 19.2 17.1 25.7

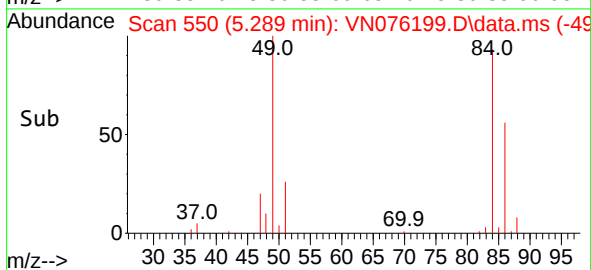
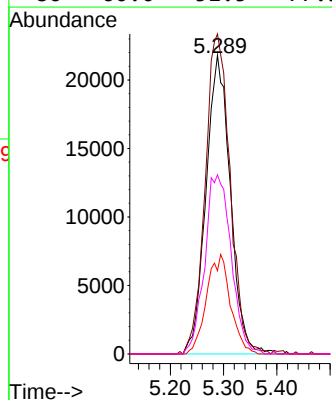
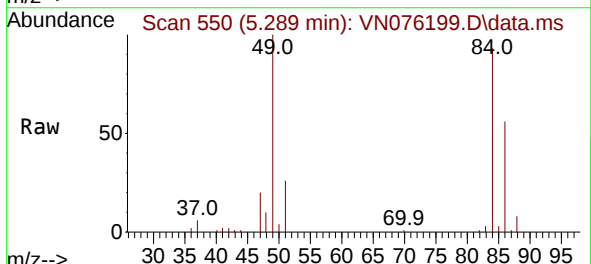
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#20
Methylene Chloride
Concen: 17.324 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

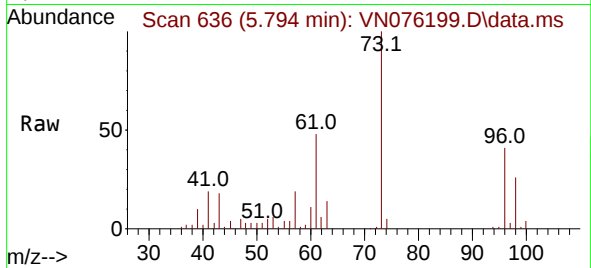
Tgt Ion: 84 Resp: 69131
Ion Ratio Lower Upper
84 100
49 106.3 81.8 122.6
51 27.8 26.7 40.1
86 60.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 17.102 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

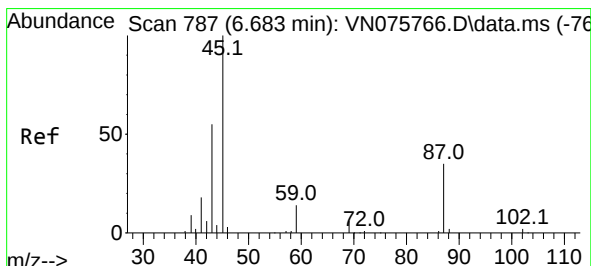
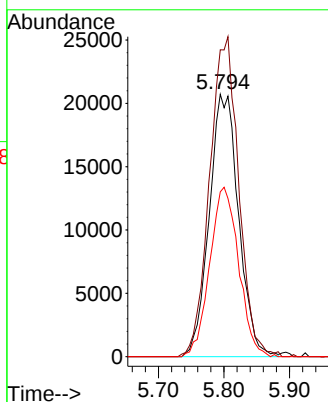
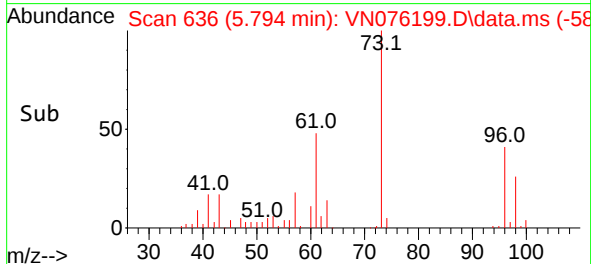
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



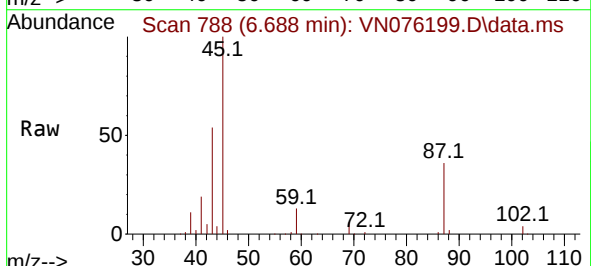
Tgt Ion: 96 Resp: 64468
Ion Ratio Lower Upper
96 100
61 116.9 98.1 147.1
98 62.8 51.4 77.2

Manual Integrations
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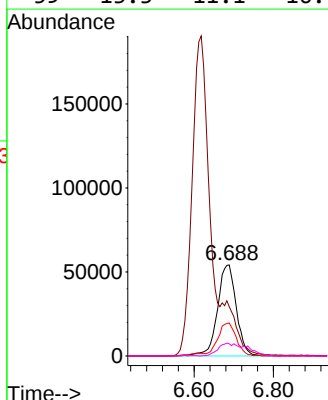
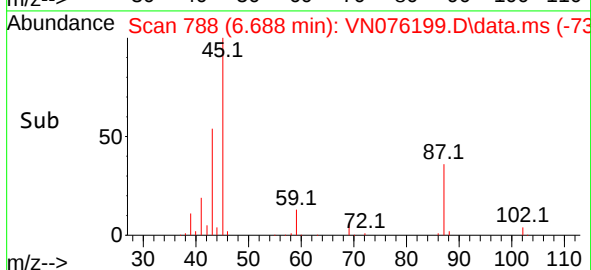
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#22
Diisopropyl ether
Concen: 18.262 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion: 45 Resp: 178511
Ion Ratio Lower Upper
45 100
43 53.2 44.2 66.4
87 36.2 28.3 42.5
59 13.3 11.1 16.7





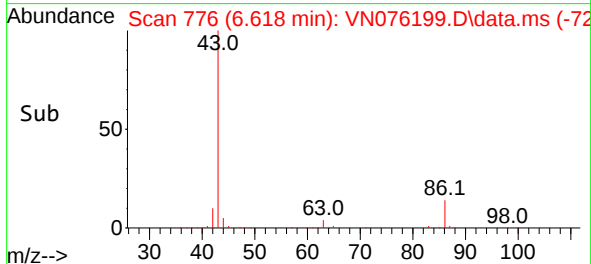
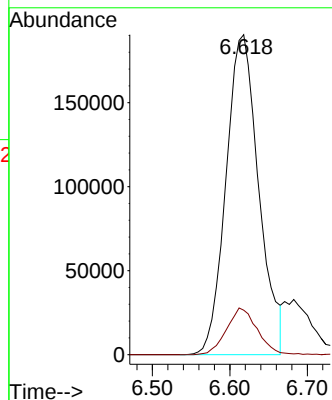
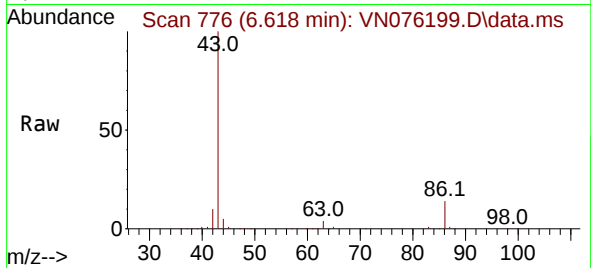
#23
 Vinyl Acetate
 Concen: 85.129 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN076199.D
 Acq: 11 Jan 2023 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01

Tgt Ion: 43 Resp: 56008
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.4 17.2

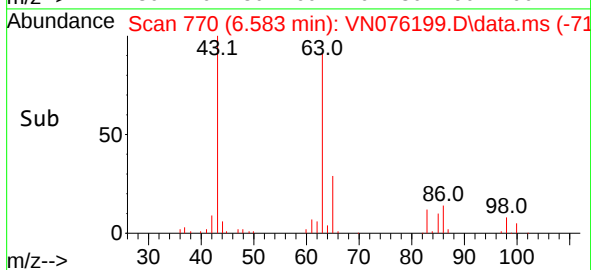
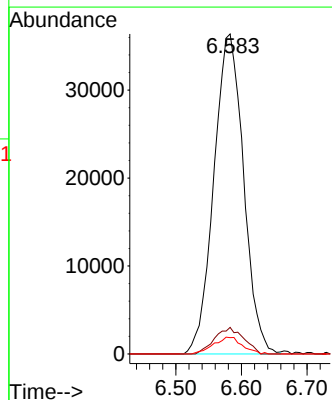
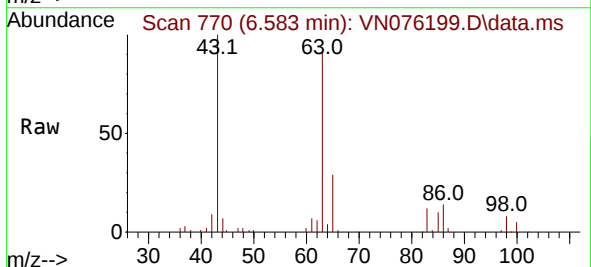
Manual Integrations
 APPROVED

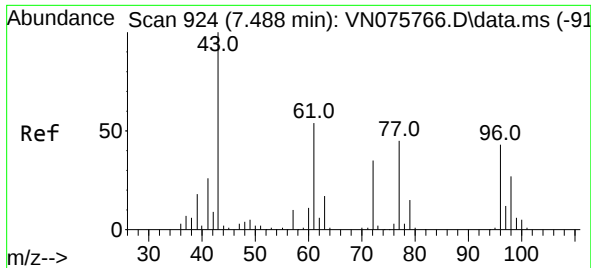
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#24
 1,1-Dichloroethane
 Concen: 17.560 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076199.D
 Acq: 11 Jan 2023 10:42

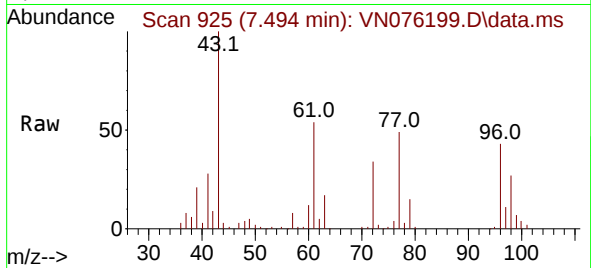
Tgt Ion: 63 Resp: 114474
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.5
 100 5.1 2.5 7.6





#25
2-Butanone
Concen: 88.714 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

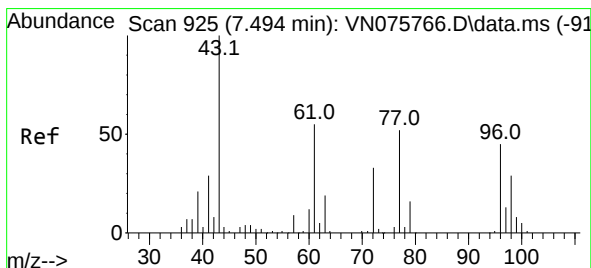
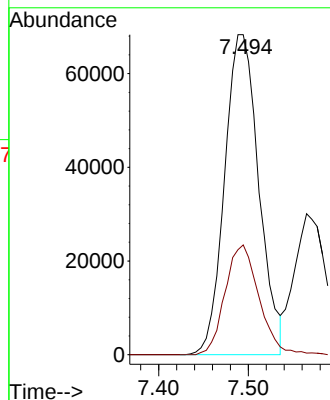
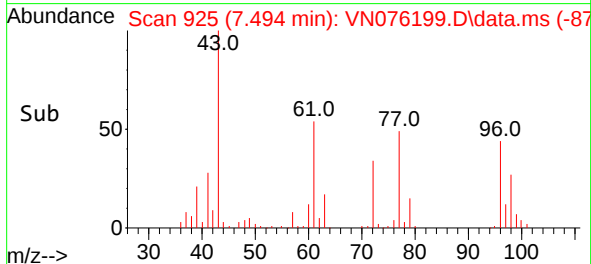
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 43 Resp: 180920
Ion Ratio Lower Upper
43 100
72 34.3 28.0 42.0

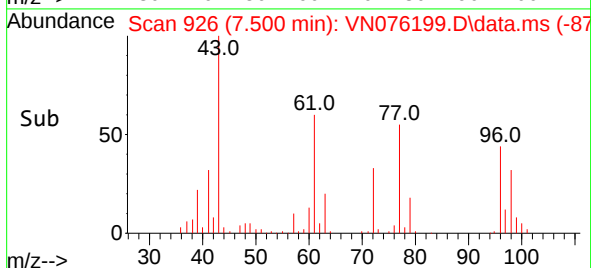
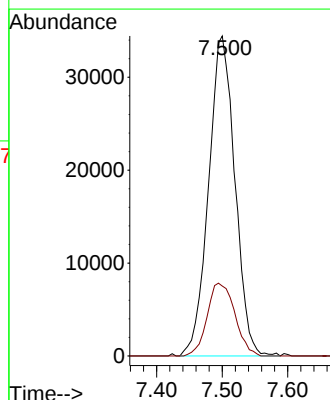
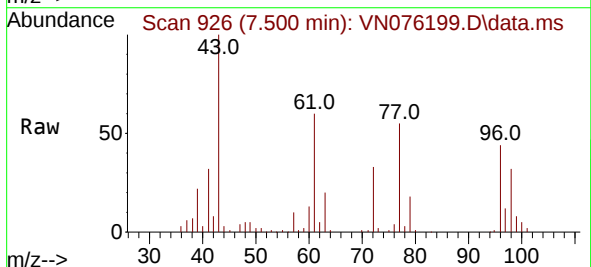
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#26
2,2-Dichloropropane
Concen: 17.400 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

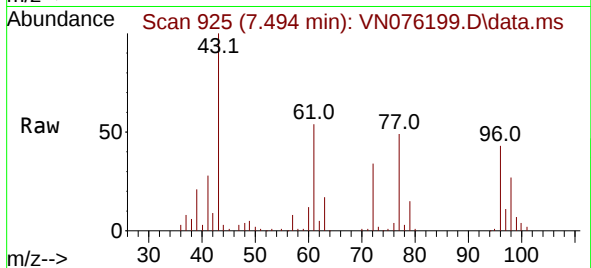
Tgt Ion: 77 Resp: 96059
Ion Ratio Lower Upper
77 100
97 24.0 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 17.283 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

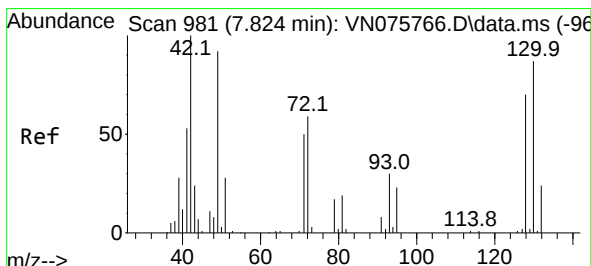
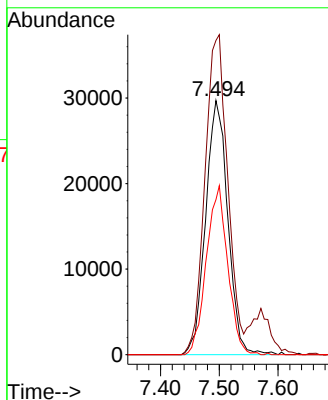
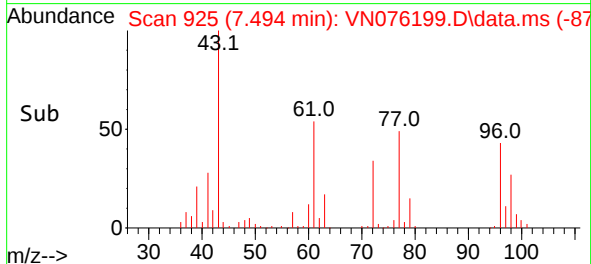
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 96 Resp: 77919
Ion Ratio Lower Upper
96 100
61 128.9 0.0 247.8
98 64.1 0.0 128.4

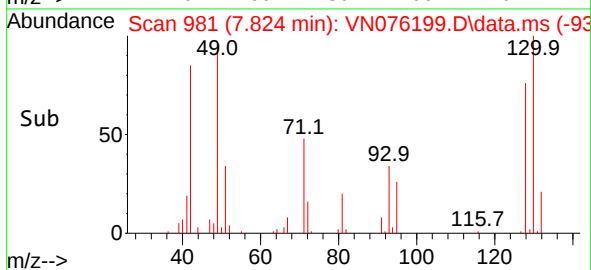
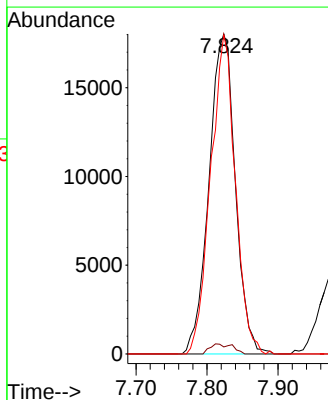
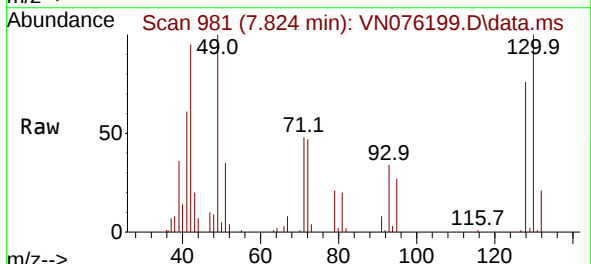
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Reviewed By :John Carlone 01/12/2023
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#28
Bromochloromethane
Concen: 16.229 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

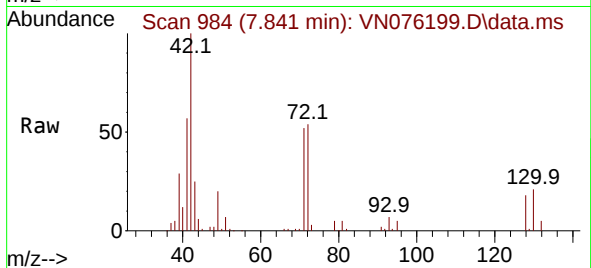
Tgt Ion: 49 Resp: 46371
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 93.6 77.0 115.4





#29
Tetrahydrofuran
Concen: 89.232 ug/l
RT: 7.841 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

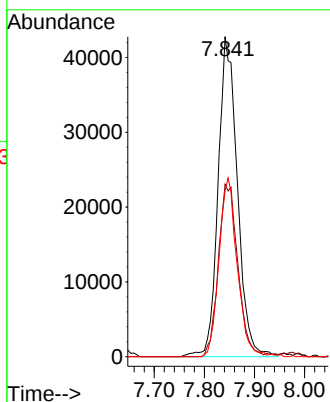
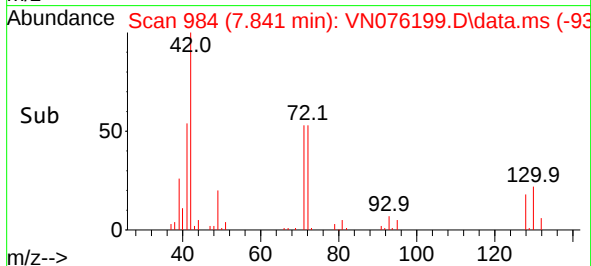
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



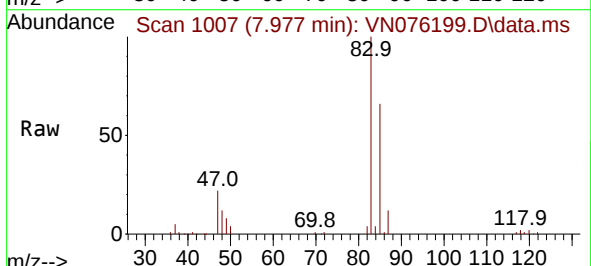
Tgt Ion: 42 Resp: 114039
Ion Ratio Lower Upper
42 100
72 54.7 44.5 66.7
71 52.9 41.0 61.6

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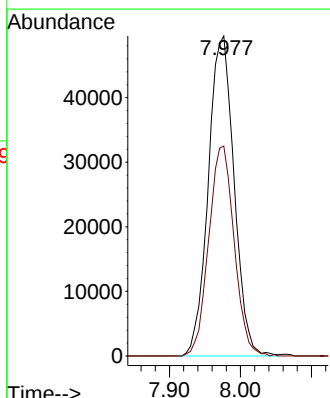
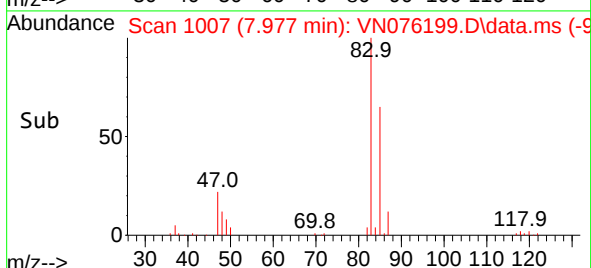
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

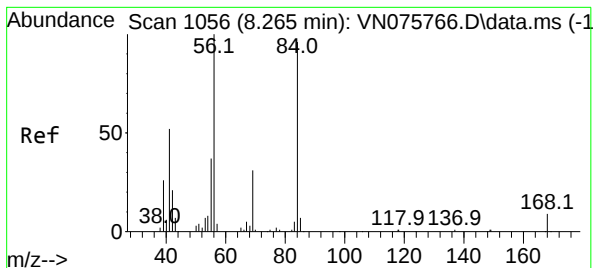


#30
Chloroform
Concen: 17.018 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion: 83 Resp: 124906
Ion Ratio Lower Upper
83 100
85 65.6 49.1 73.7





#31

Cyclohexane

Concen: 17.409 ug/l

RT: 8.271 min Scan# 10534

Delta R.T. 0.006 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion: 56 Resp: 10534

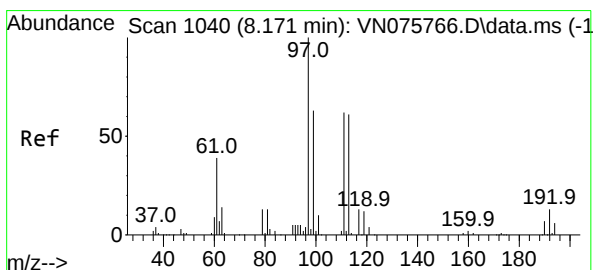
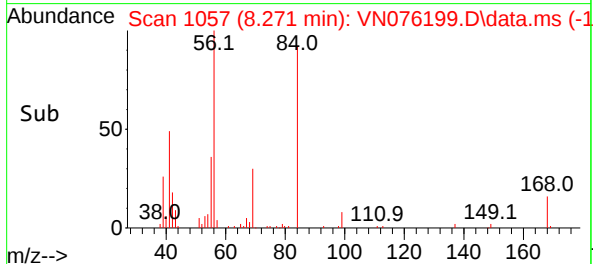
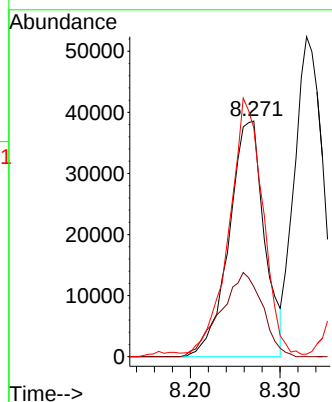
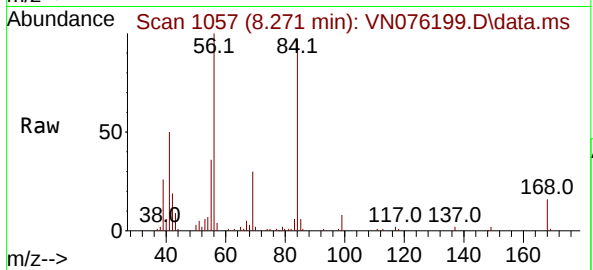
Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.7	37.1
84	95.6	76.5	114.7

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Supervised By :Mahesh Dadoda 01/12/2023



#32

1,1,1-Trichloroethane

Concen: 17.628 ug/l

RT: 8.177 min Scan# 1041

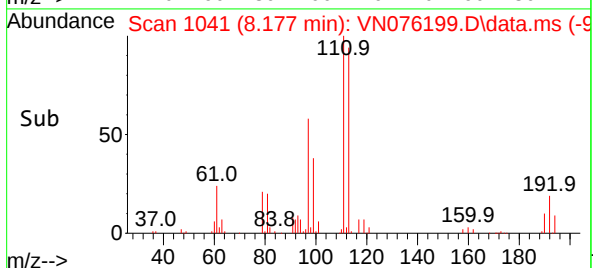
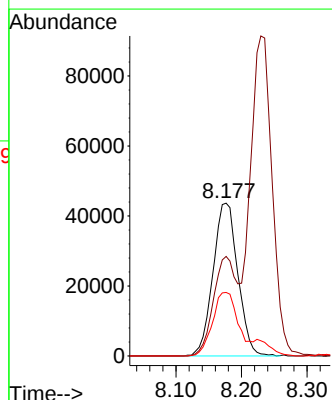
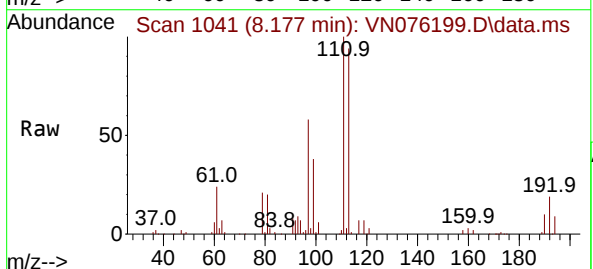
Delta R.T. 0.006 min

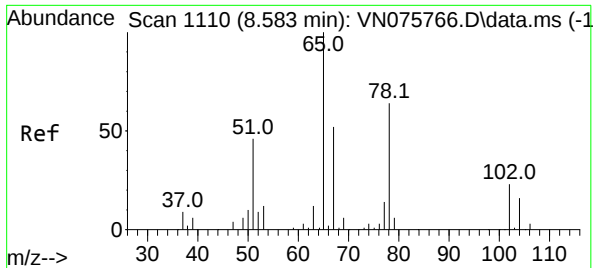
Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Tgt Ion: 97 Resp: 114706

Ion	Ratio	Lower	Upper
97	100		
99	59.0	50.2	75.2
61	43.7	34.5	51.7





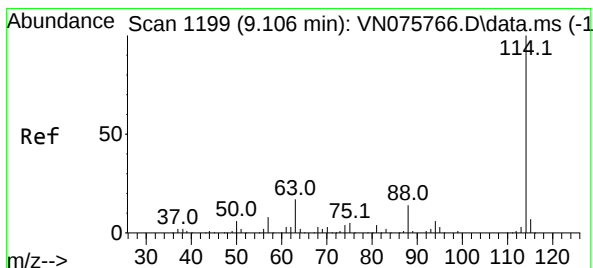
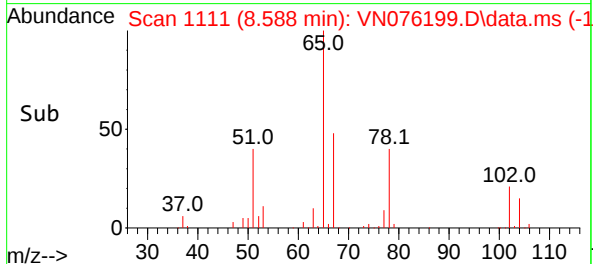
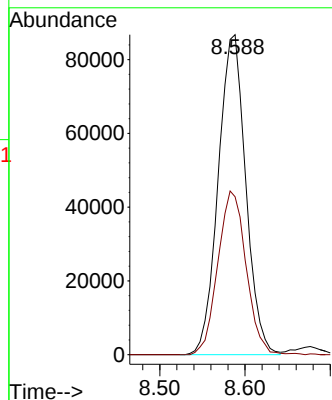
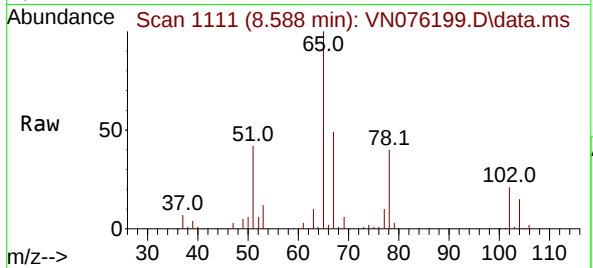
#33
1,2-Dichloroethane-d4
Concen: 46.111 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 65 Resp: 194820
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4

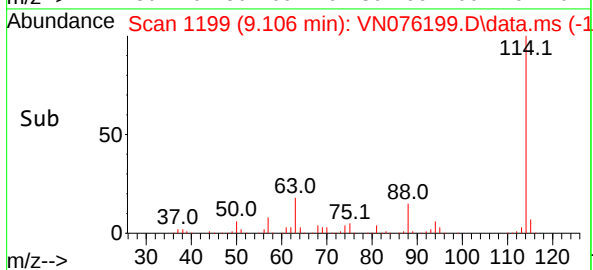
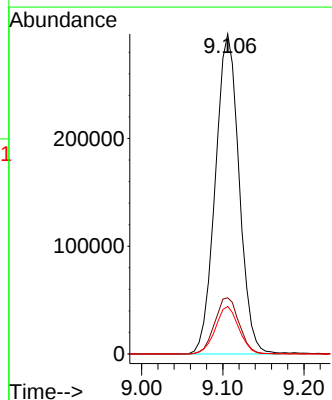
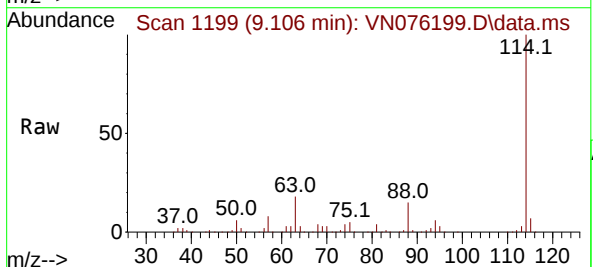
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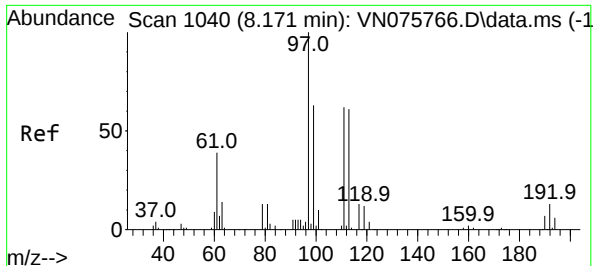
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

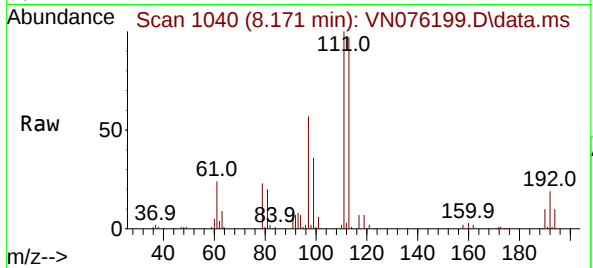
Tgt Ion:114 Resp: 605044
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.4
88 14.8 0.0 28.8





#35
Dibromofluoromethane
Concen: 48.043 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

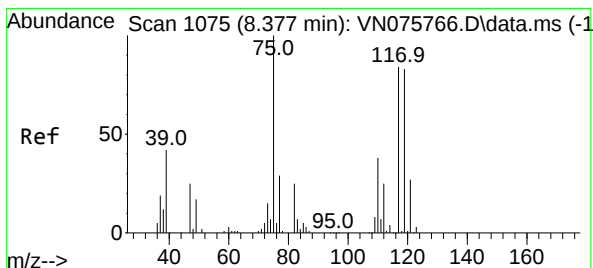
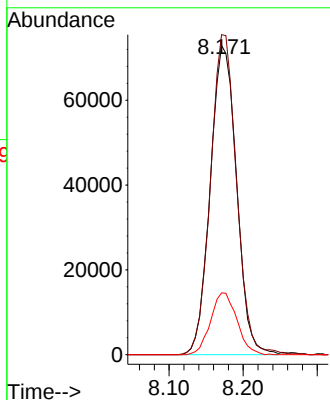
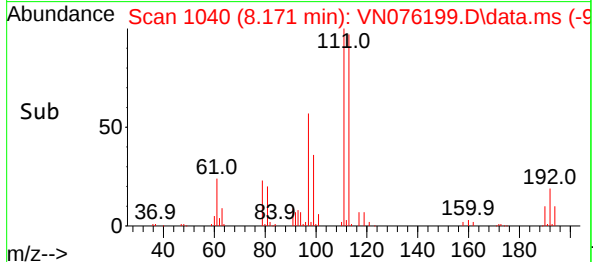
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion:113 Resp: 18001
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 20.0 16.1 24.1

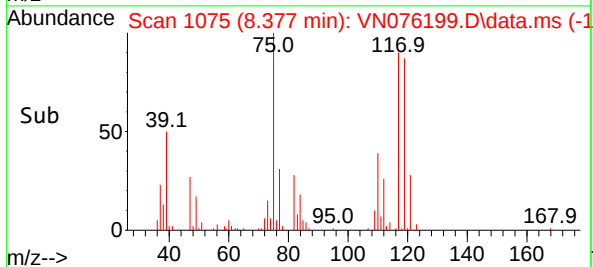
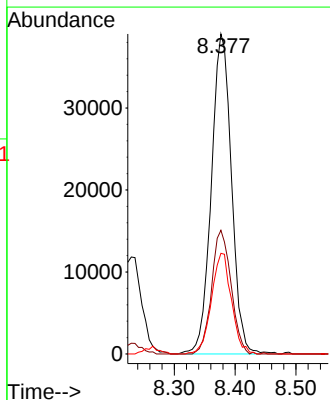
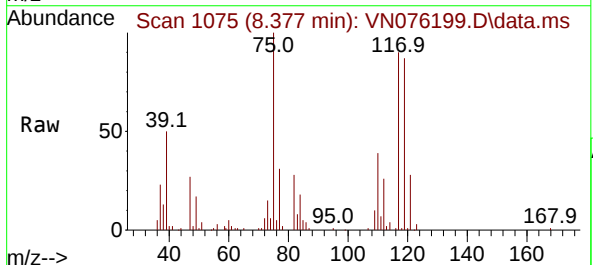
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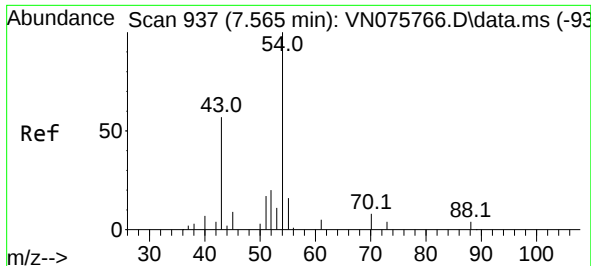
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#36
1,1-Dichloropropene
Concen: 18.026 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 75 Resp: 89723
Ion Ratio Lower Upper
75 100
110 37.3 18.8 56.4
77 31.1 24.1 36.1





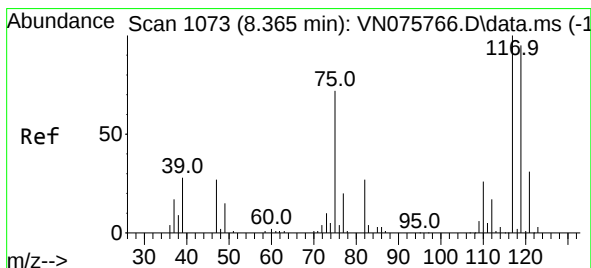
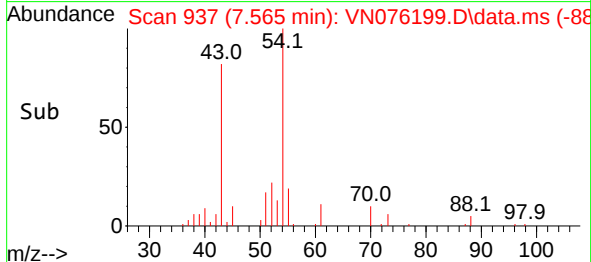
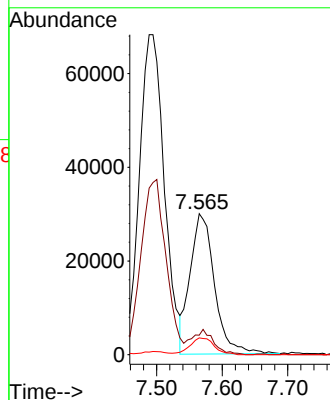
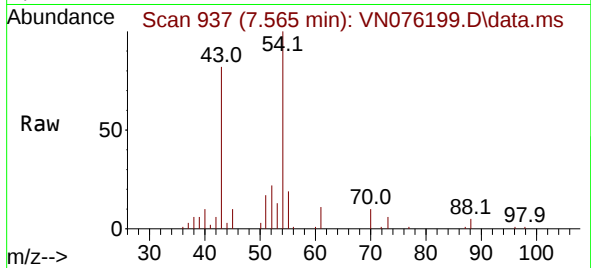
#37
Ethyl Acetate
Concen: 19.434 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 43 Resp: 77698
Ion Ratio Lower Upper
43 100
61 16.1 13.0 19.4
70 11.9 9.4 14.0

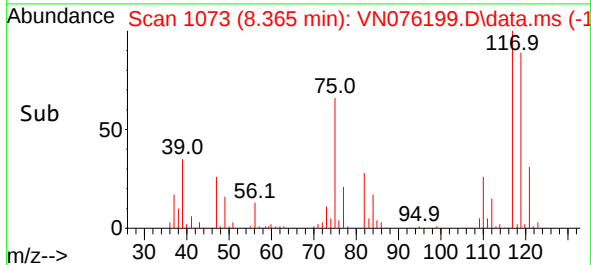
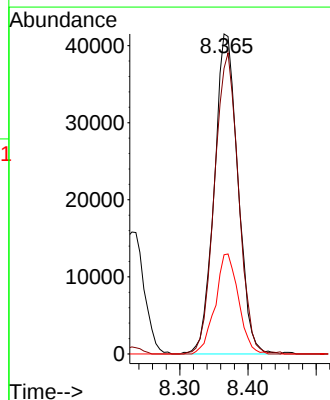
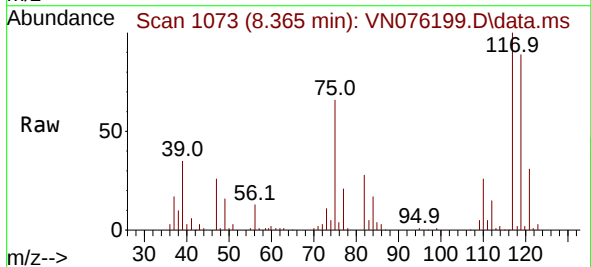
Manual Integrations
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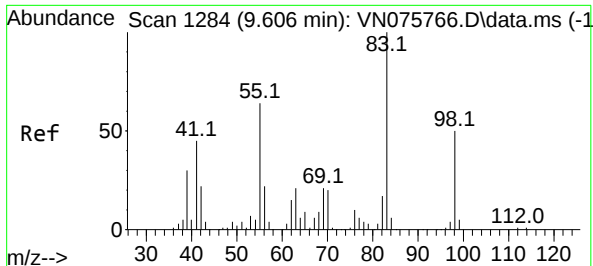
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#38
Carbon Tetrachloride
Concen: 18.012 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion:117 Resp: 100341
Ion Ratio Lower Upper
117 100
119 89.2 76.1 114.1
121 31.0 24.5 36.7





#39

Methylcyclohexane

Concen: 19.169 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076199.D

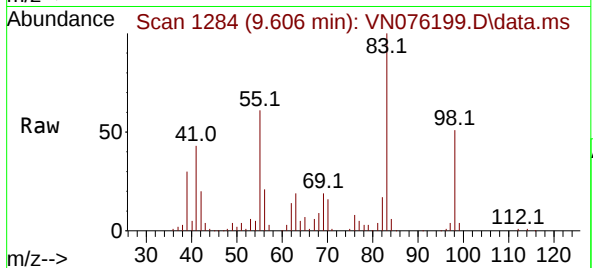
Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01



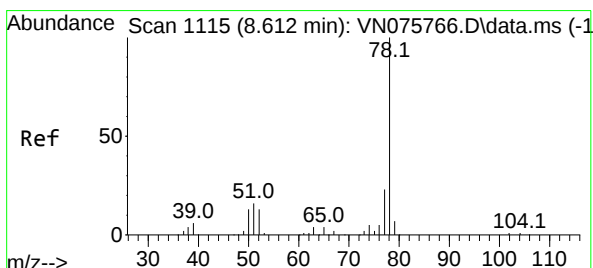
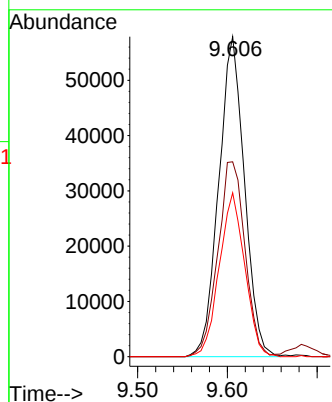
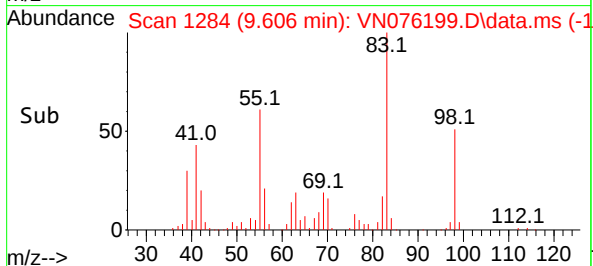
Tgt Ion:	83	Resp:	115109
Ion Ratio	Lower	Upper	
83	100		
55	60.9	51.4	77.0
98	51.2	39.8	59.8

Manual Integrations

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Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#40

Benzene

Concen: 18.048 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076199.D

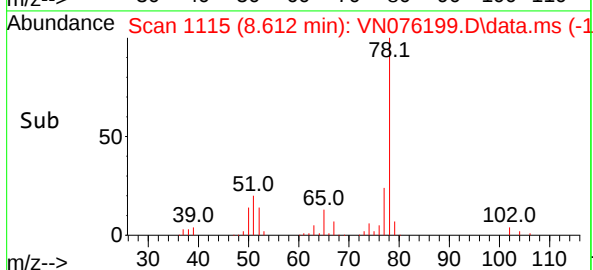
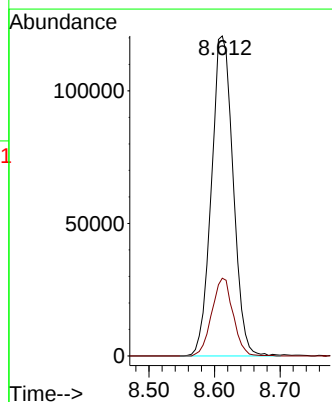
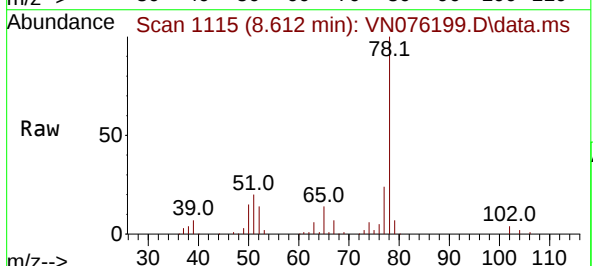
Acq: 11 Jan 2023 10:42

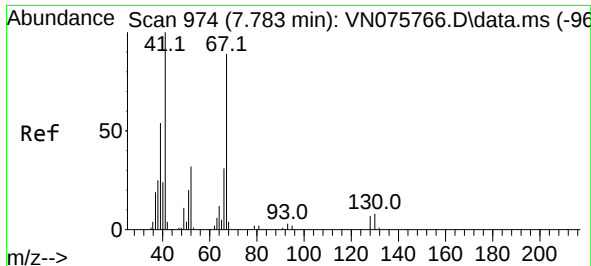
Tgt Ion: 78 Resp: 277165

Ion Ratio Lower Upper

78 100

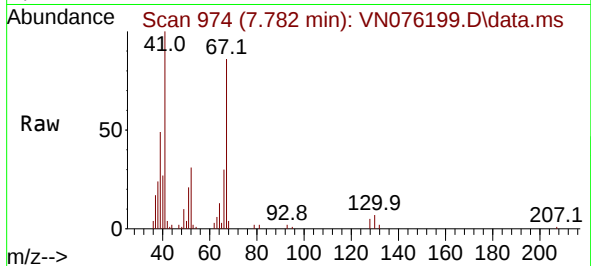
77 24.3 18.5 27.7





#41
Methacrylonitrile
Concen: 18.736 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

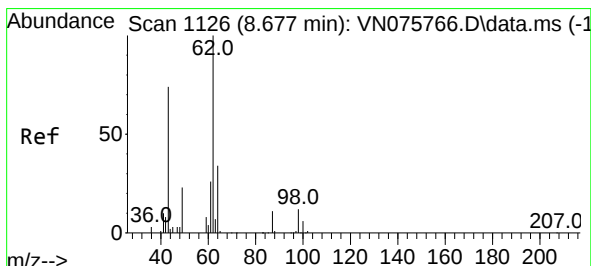
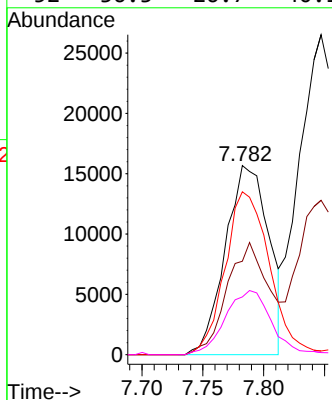
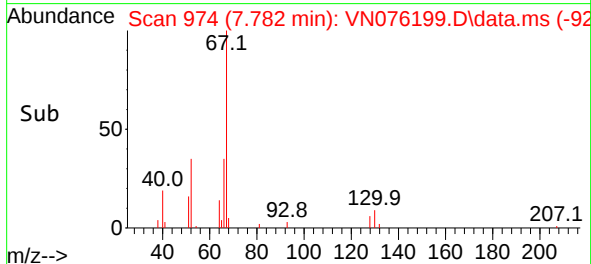
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



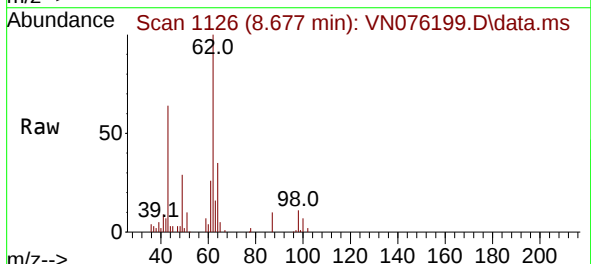
Tgt Ion: 41 Resp: 3893
Ion Ratio Lower Upper
41 100
39 56.0 43.1 64.7
67 88.6 70.7 106.1
52 36.3 26.7 40.1

Manual Integrations
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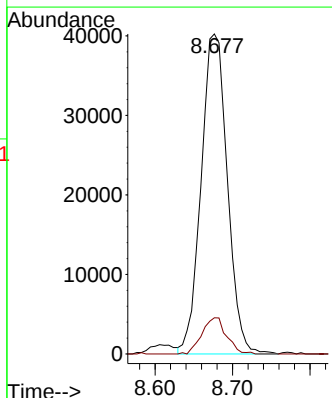
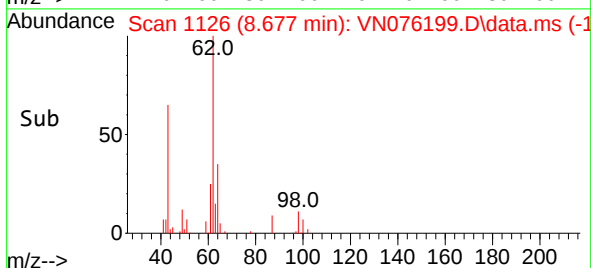
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

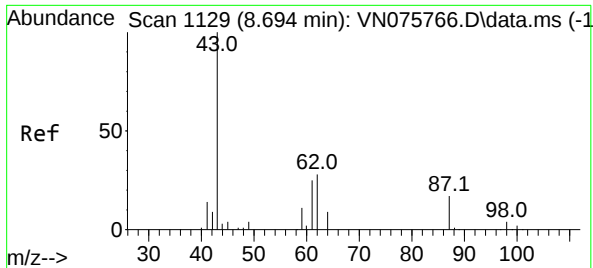


#42
1,2-Dichloroethane
Concen: 18.570 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



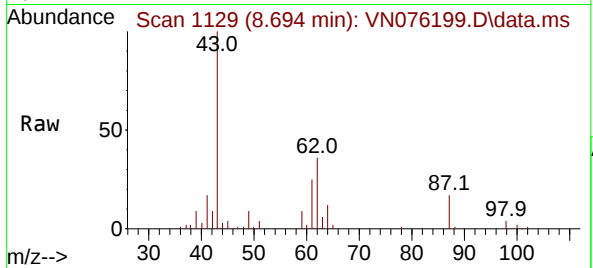
Tgt Ion: 62 Resp: 94810
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





#43
Isopropyl Acetate
Concen: 18.699 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

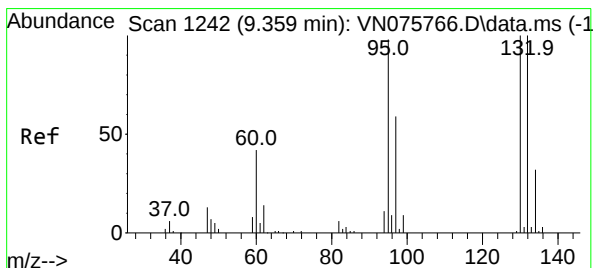
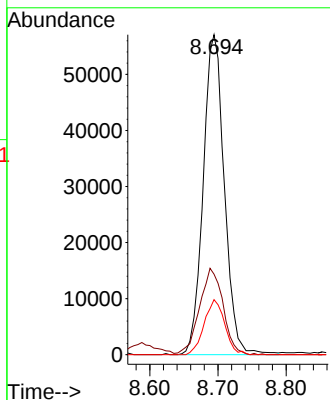
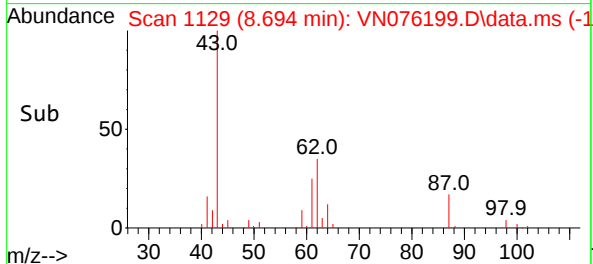
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



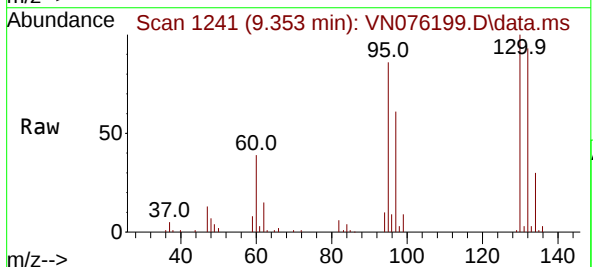
Tgt Ion: 43 Resp: 12332
Ion Ratio Lower Upper
43 100
61 30.0 24.2 36.4
87 16.7 13.3 19.9

Manual Integrations
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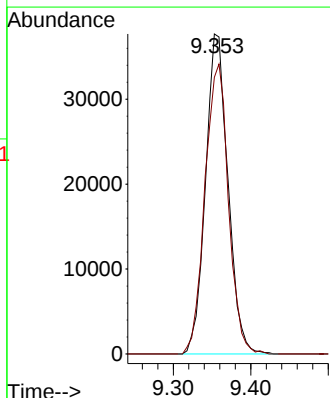
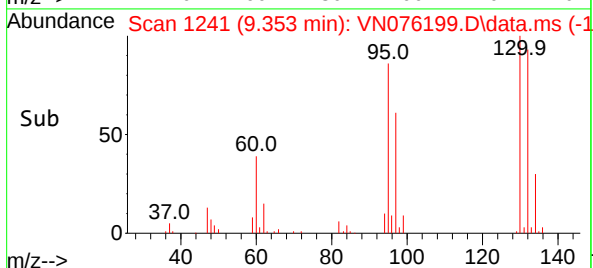
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

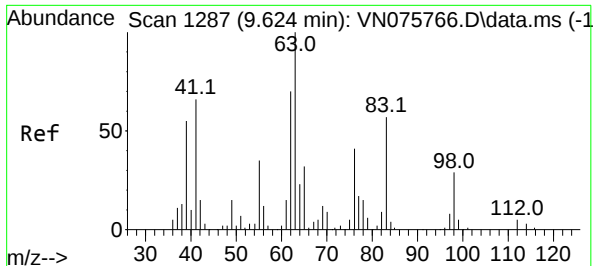


#44
Trichloroethene
Concen: 17.528 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion:130 Resp: 75831
Ion Ratio Lower Upper
130 100
95 86.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.561 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion: 63 Resp: 65628

Ion Ratio Lower Upper

63 100

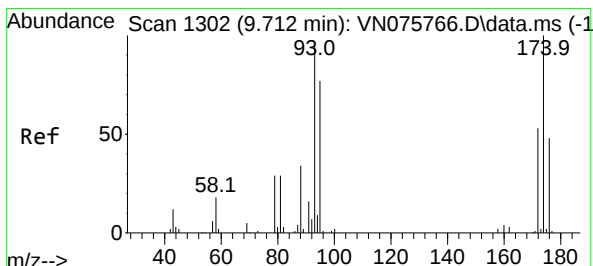
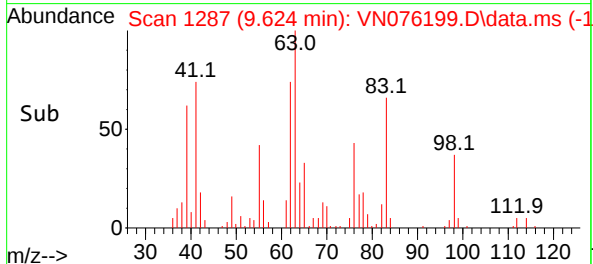
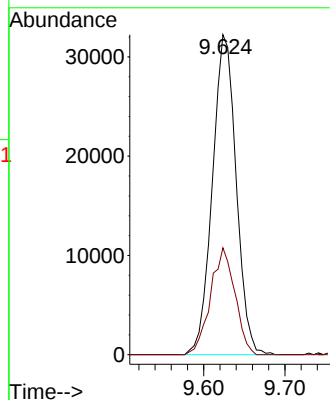
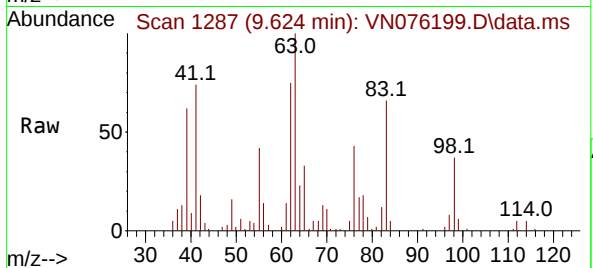
65 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#46

Dibromomethane

Concen: 17.766 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

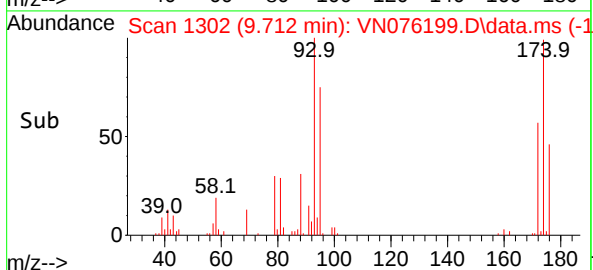
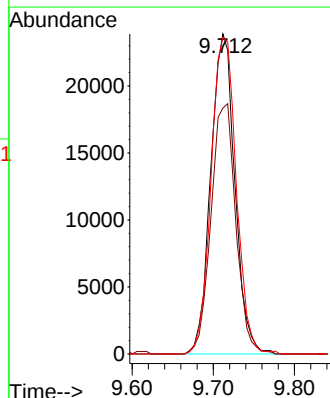
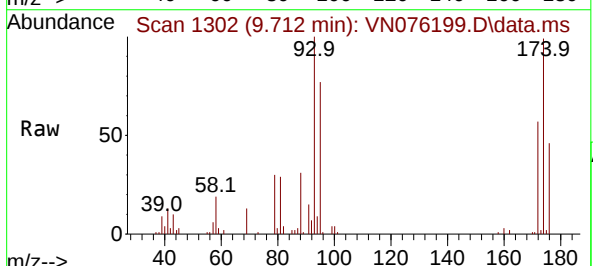
Tgt Ion: 93 Resp: 49245

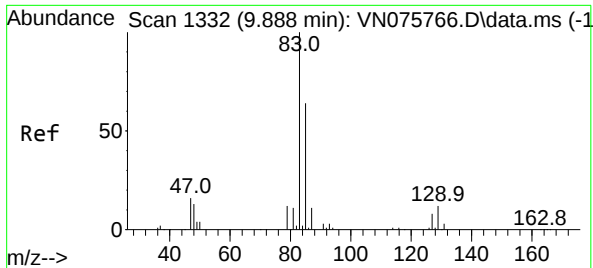
Ion Ratio Lower Upper

93 100

95 80.5 65.2 97.8

174 103.3 82.4 123.6





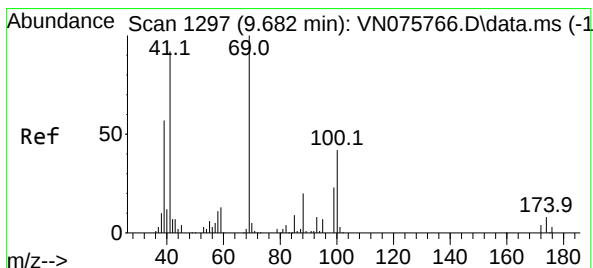
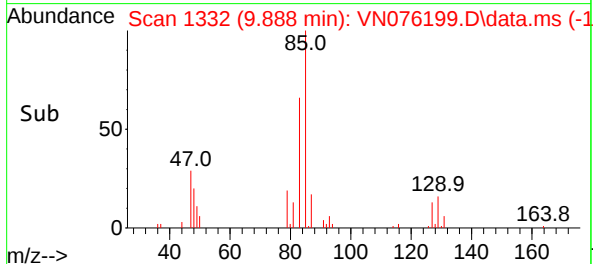
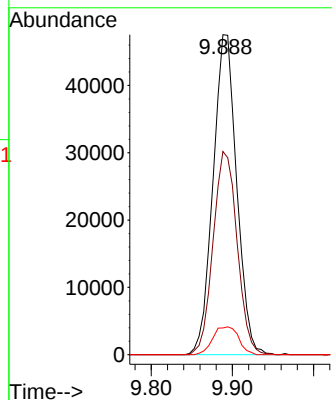
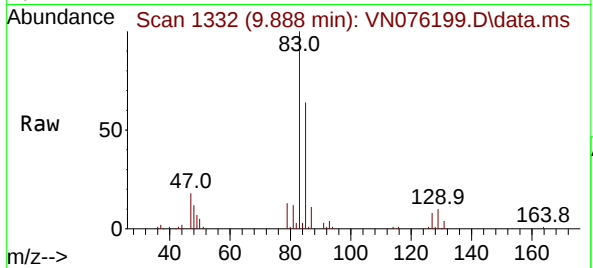
#47
Bromodichloromethane
Concen: 17.723 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 83 Resp: 96330
Ion Ratio Lower Upper
83 100
85 63.5 51.5 77.3
127 8.4 6.6 10.0

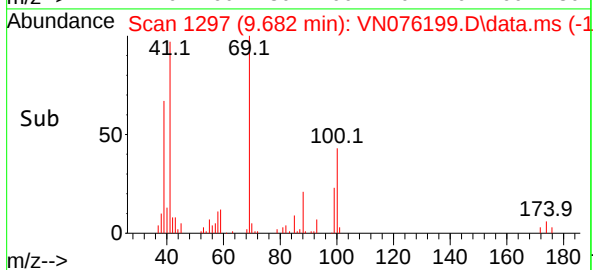
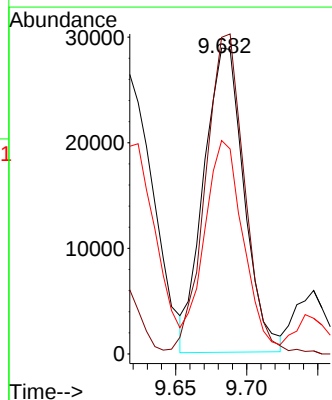
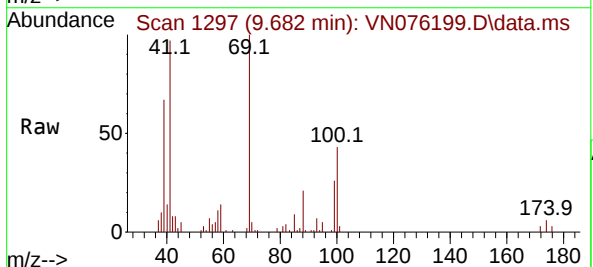
Manual Integrations
APPROVED

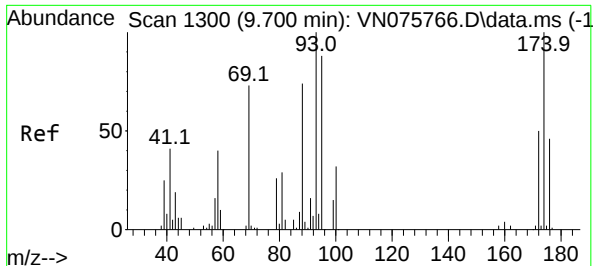
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#48
Methyl methacrylate
Concen: 19.141 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 41 Resp: 56857
Ion Ratio Lower Upper
41 100
69 102.2 81.9 122.9
39 68.7 51.6 77.4





#49

1,4-Dioxane

Concen: 332.239 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion: 88 Resp: 2426

Ion Ratio Lower Upper

88 100

43 23.2 17.1 25.7

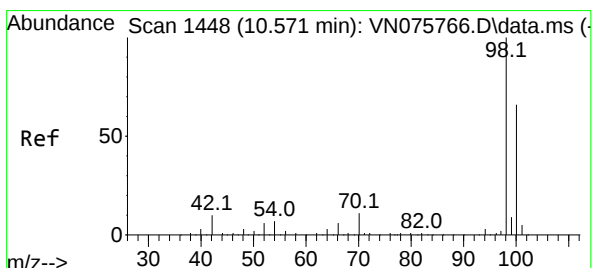
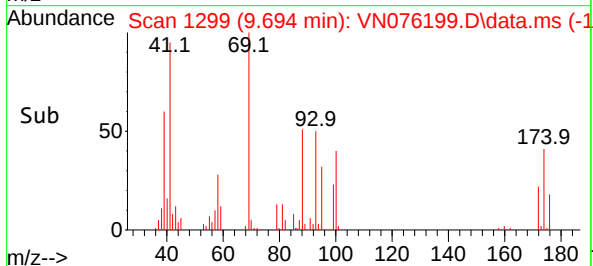
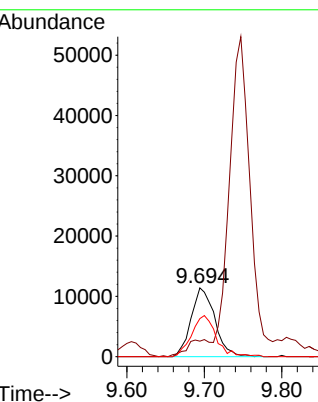
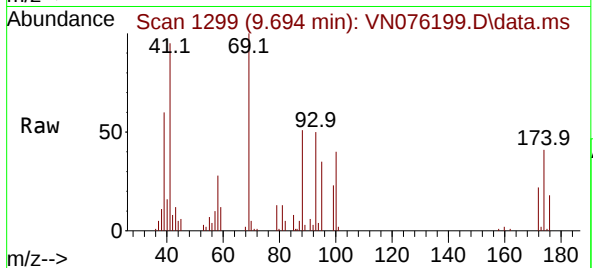
58 62.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#50

Toluene-d8

Concen: 46.219 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076199.D

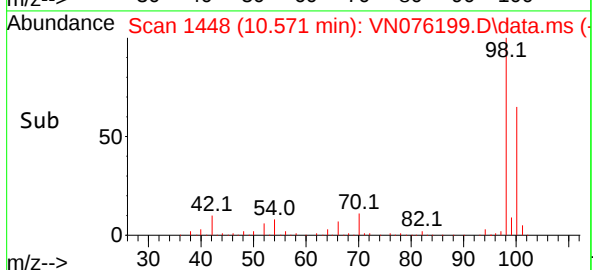
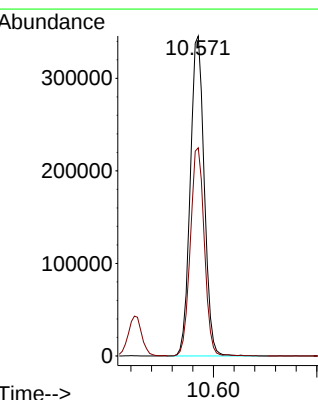
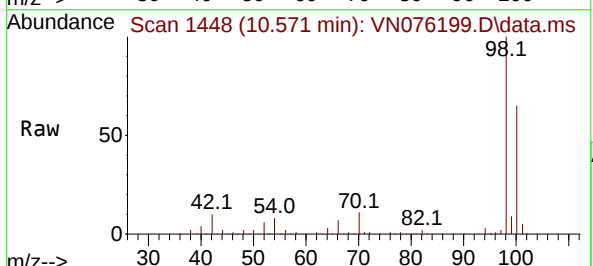
Acq: 11 Jan 2023 10:42

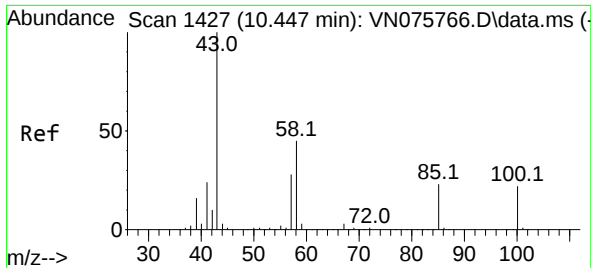
Tgt Ion: 98 Resp: 647497

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1





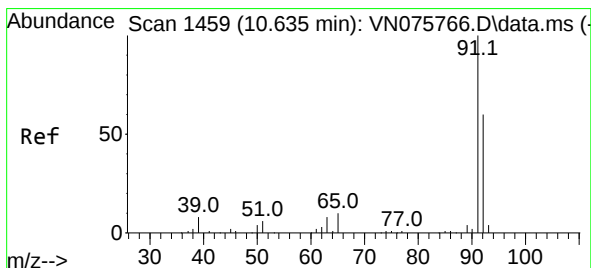
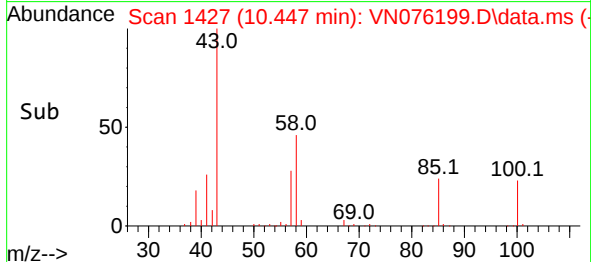
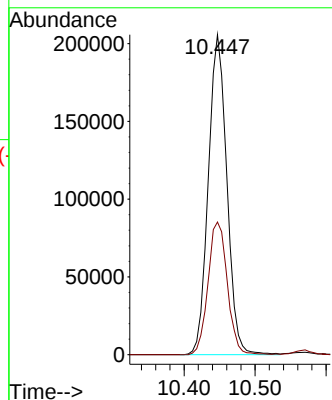
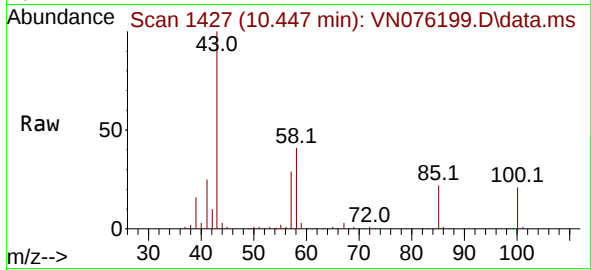
#51
4-Methyl-2-Pentanone
Concen: 93.616 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 43 Resp: 37338
Ion Ratio Lower Upper
43 100
58 43.1 35.5 53.3

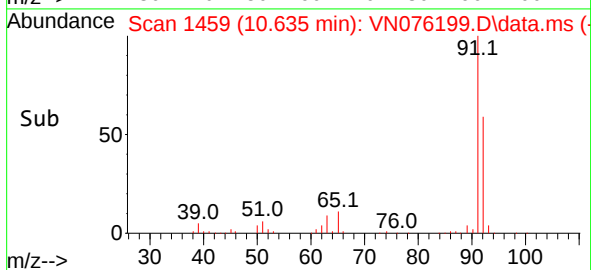
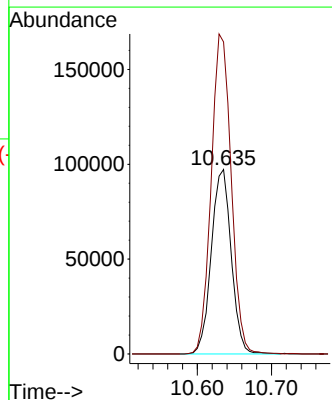
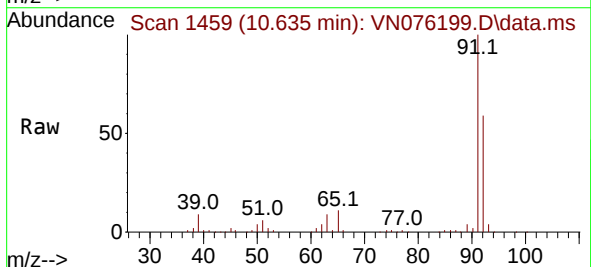
Manual Integrations
APPROVED

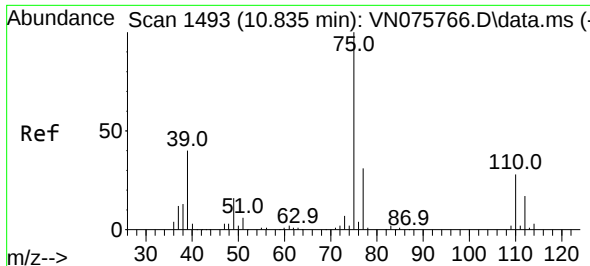
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#52
Toluene
Concen: 18.145 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

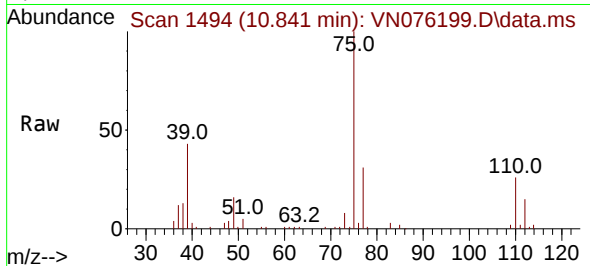
Tgt Ion: 92 Resp: 181481
Ion Ratio Lower Upper
92 100
91 174.2 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 18.060 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN076199.D
 Acq: 11 Jan 2023 10:42

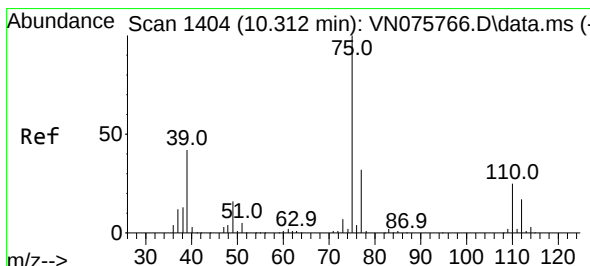
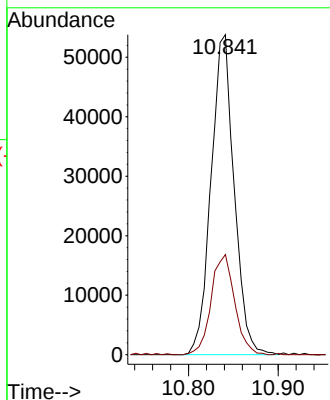
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01



Tgt Ion: 75 Resp: 9609
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3

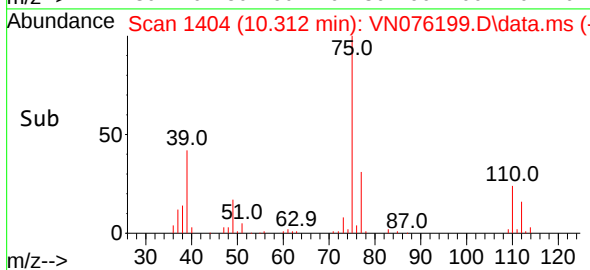
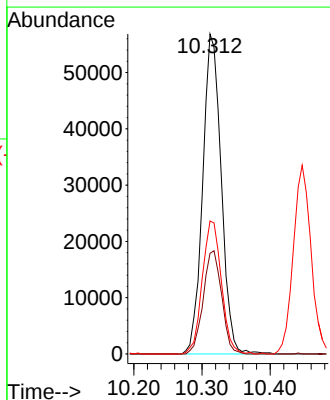
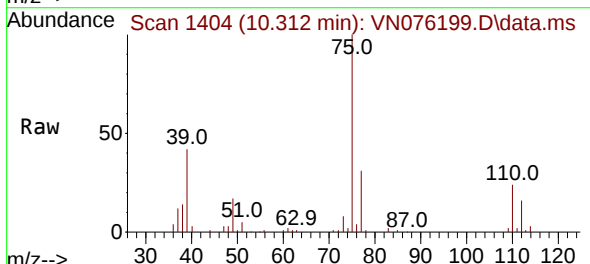
Manual Integrations
 APPROVED

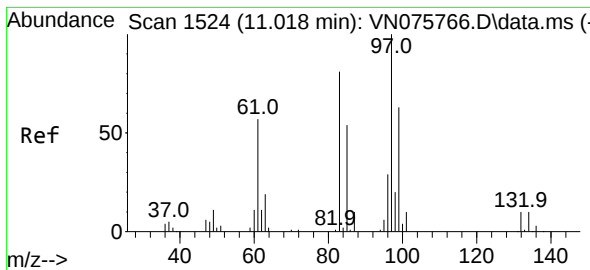
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.429 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076199.D
 Acq: 11 Jan 2023 10:42

Tgt Ion: 75 Resp: 107662
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 41.6 33.4 50.2





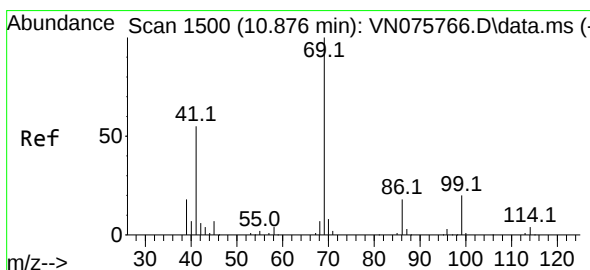
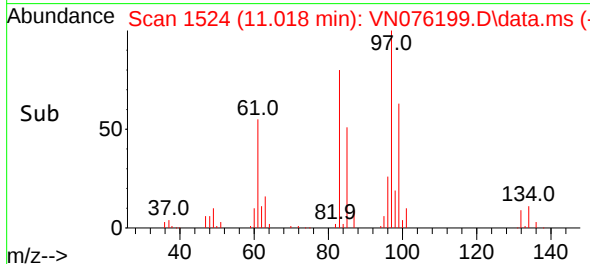
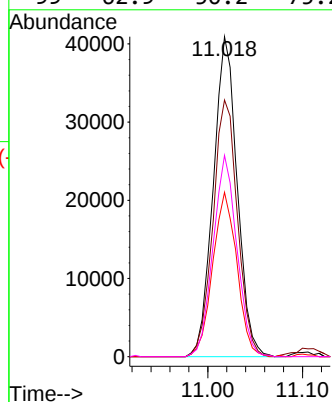
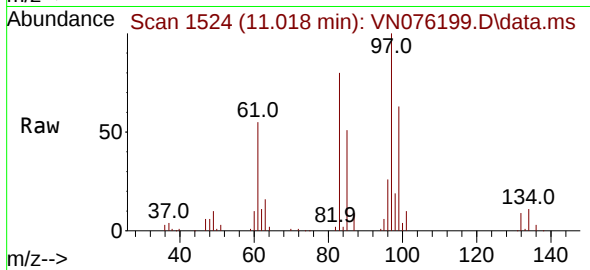
#55
1,1,2-Trichloroethane
Concen: 18.268 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 97	Resp: 7171
Ion Ratio	Lower Upper
97 100	
83 80.2	65.0 97.4
85 51.3	43.0 64.6
99 62.9	50.2 75.2

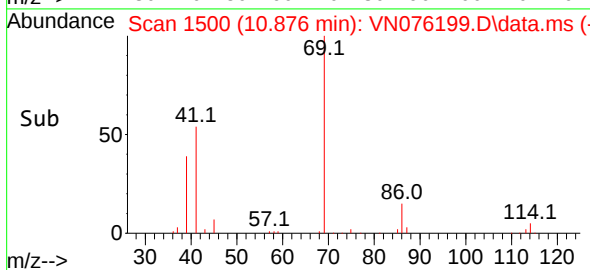
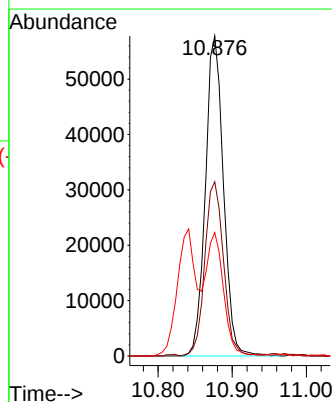
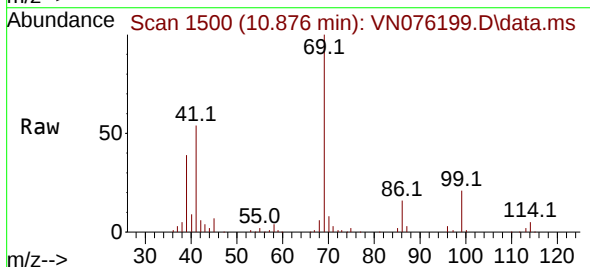
Manual Integrations
APPROVED

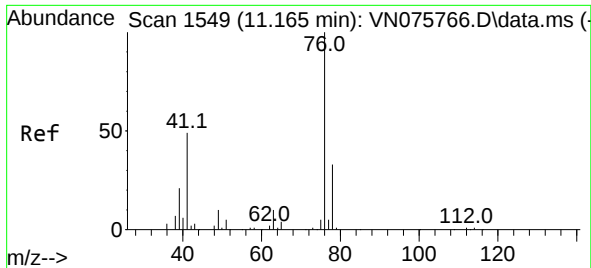
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#56
Ethyl methacrylate
Concen: 18.790 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

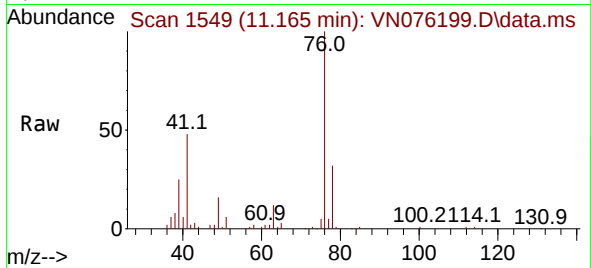
Tgt Ion: 69	Resp: 97979
Ion Ratio	Lower Upper
69 100	
41 56.4	44.2 66.4
39 35.7	26.4 39.6





#57
1,3-Dichloropropane
Concen: 17.886 ug/l
RT: 11.165 min Scan# 115178
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

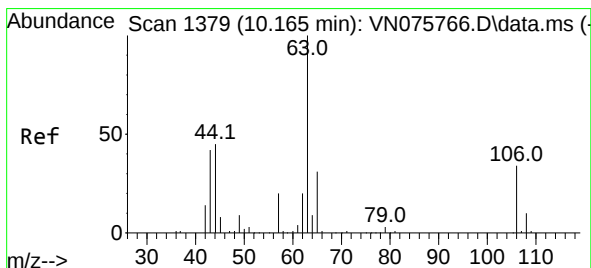
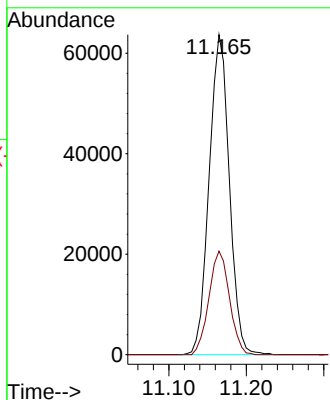
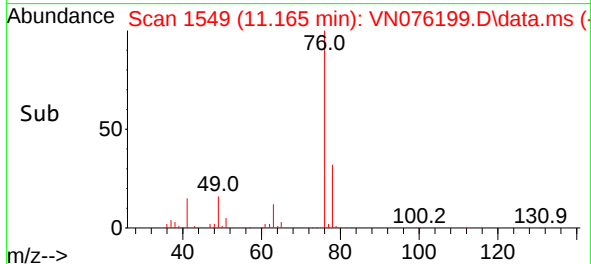
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



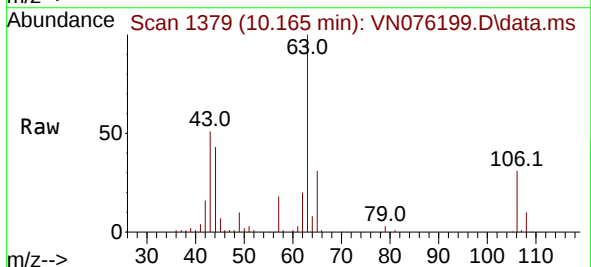
Tgt Ion: 76 Resp: 115178
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

Manual Integrations
APPROVED

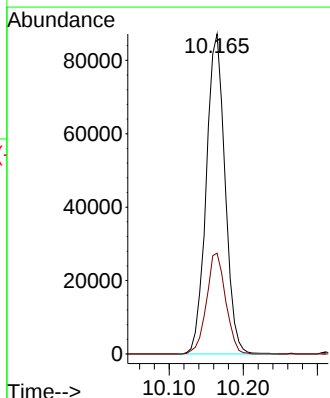
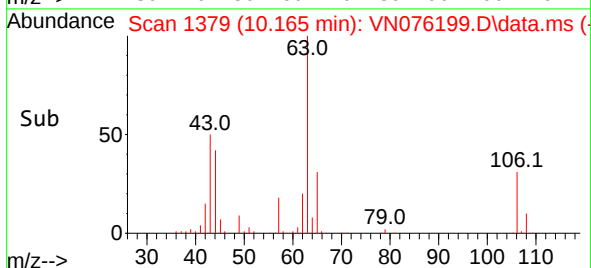
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

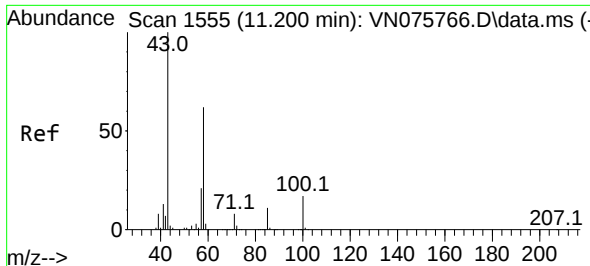


#58
2-Chloroethyl Vinyl ether
Concen: 92.360 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



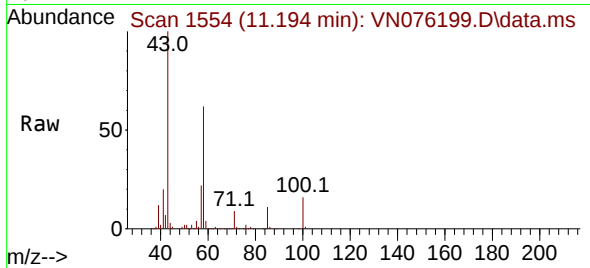
Tgt Ion: 63 Resp: 153334
Ion Ratio Lower Upper
63 100
106 32.1 26.4 39.6





#59
2-Hexanone
Concen: 91.291 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

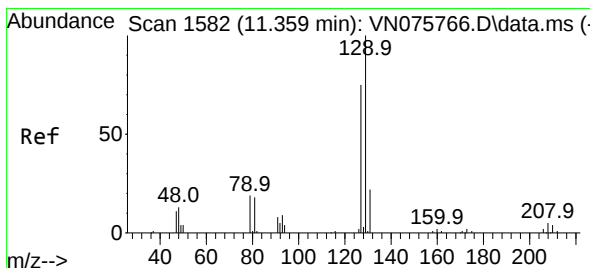
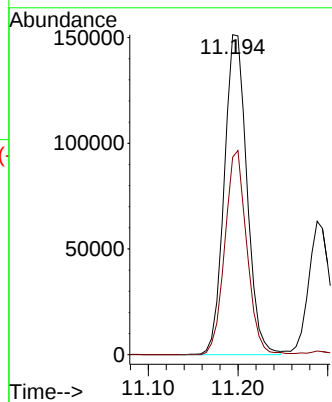
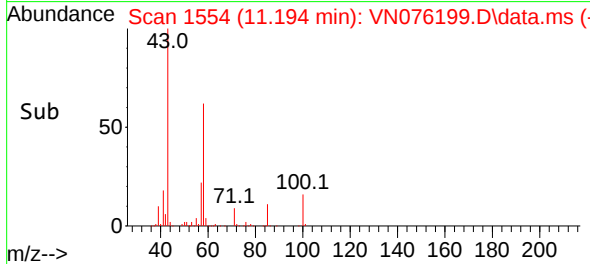
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 43 Resp: 265530
Ion Ratio Lower Upper
43 100
58 61.9 30.6 92.0

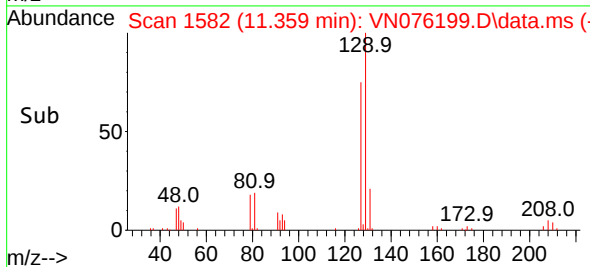
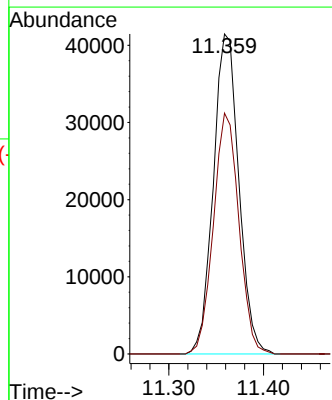
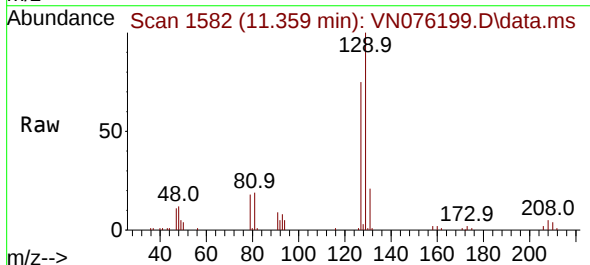
Manual Integrations
APPROVED

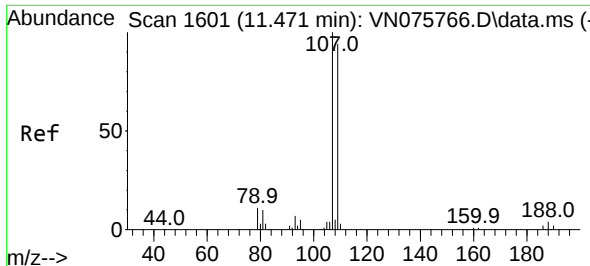
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#60
Dibromochloromethane
Concen: 17.794 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

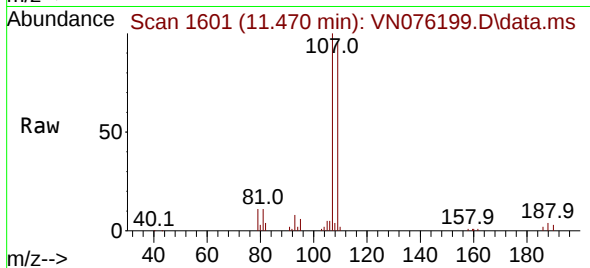
Tgt Ion:129 Resp: 77685
Ion Ratio Lower Upper
129 100
127 75.1 38.3 114.9





#61
1,2-Dibromoethane
Concen: 17.812 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

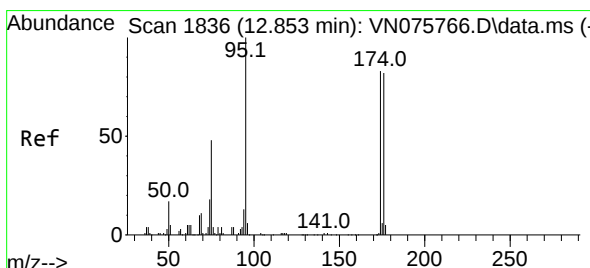
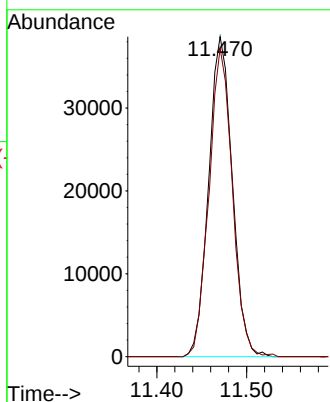
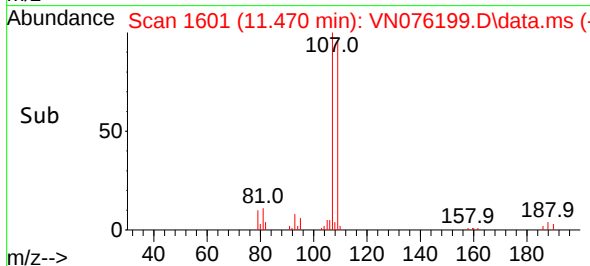
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



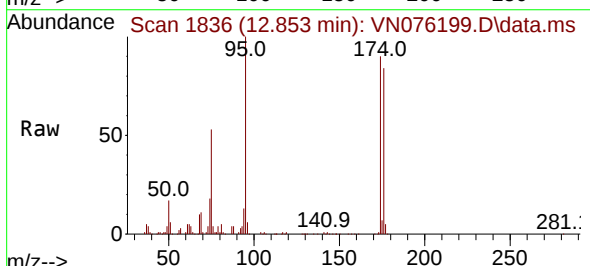
Tgt Ion:107 Resp: 70761
Ion Ratio Lower Upper
107 100
109 95.1 74.8 112.2

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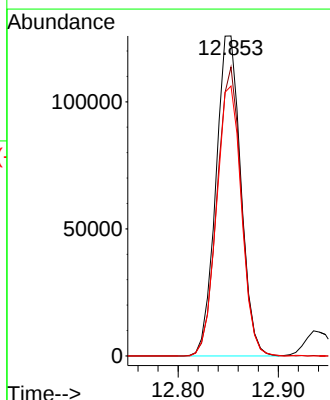
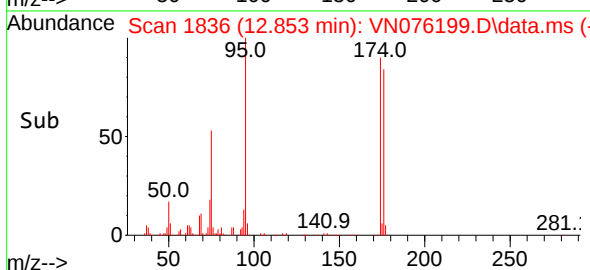
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

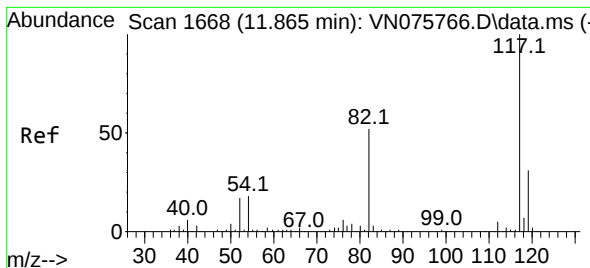


#62
4-Bromofluorobenzene
Concen: 46.842 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion: 95 Resp: 217349
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.5 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion:117 Resp: 528174

Ion Ratio Lower Upper

117 100

82 54.0 41.3 61.9

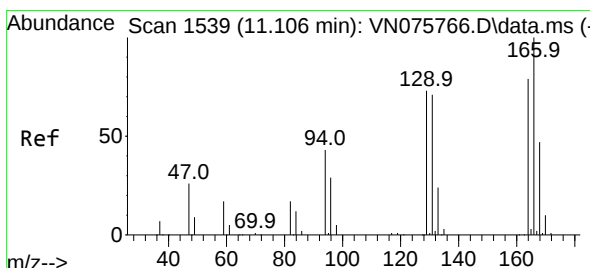
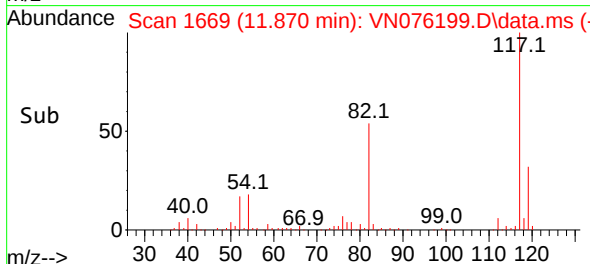
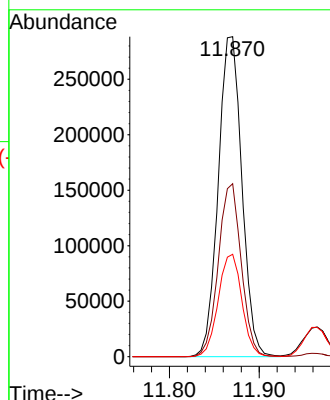
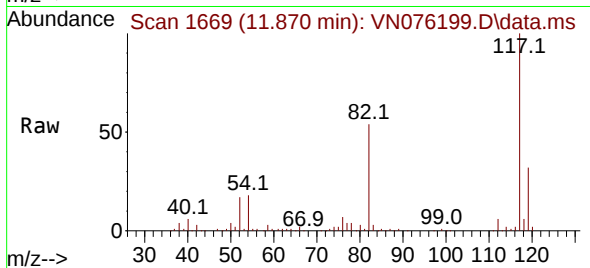
119 32.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#64

Tetrachloroethene

Concen: 20.856 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Tgt Ion:164 Resp: 77515

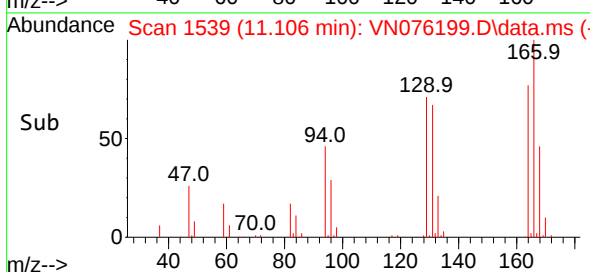
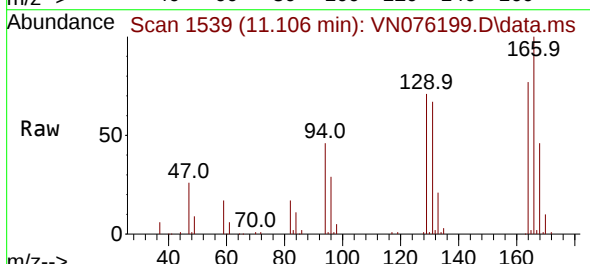
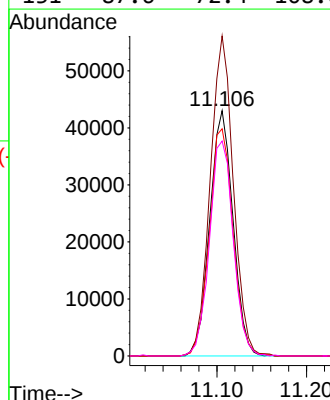
Ion Ratio Lower Upper

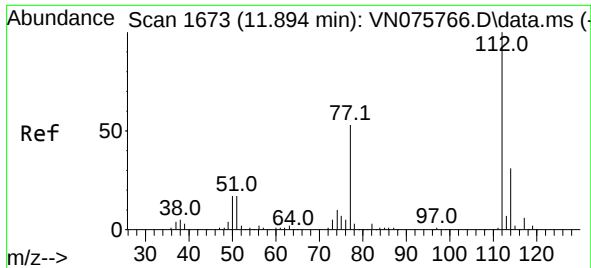
164 100

166 130.5 101.9 152.9

129 92.7 74.2 111.2

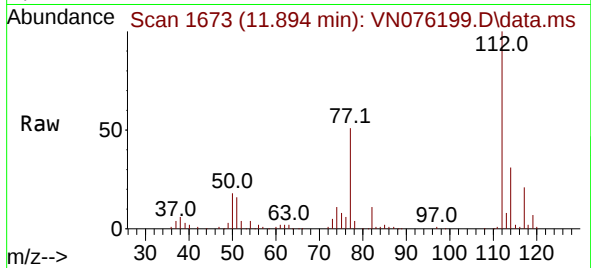
131 87.6 72.4 108.6





#65
Chlorobenzene
Concen: 17.964 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

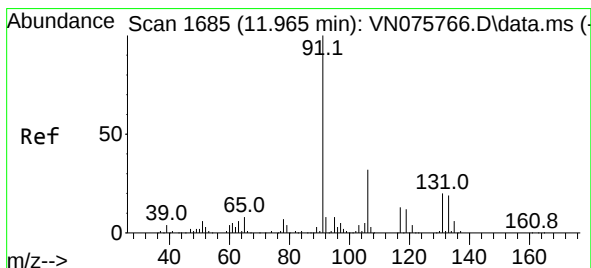
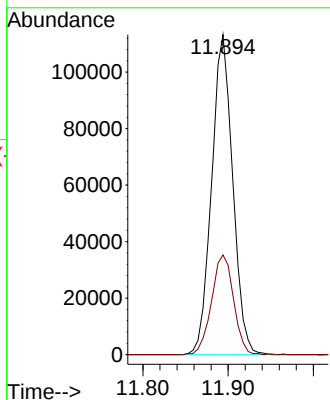
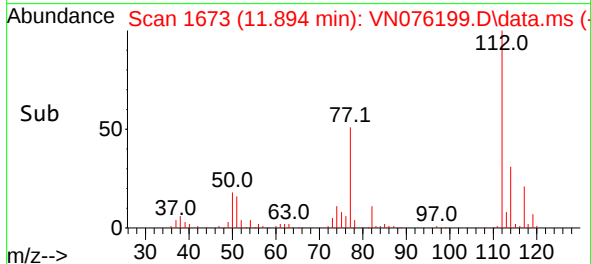
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



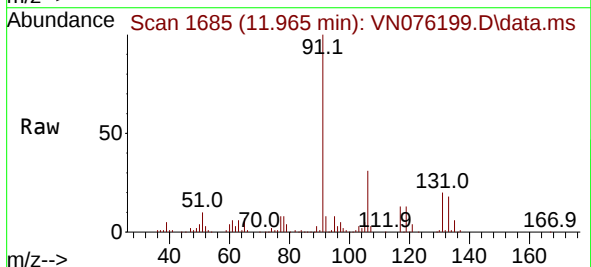
Tgt Ion:112 Resp: 19473
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1

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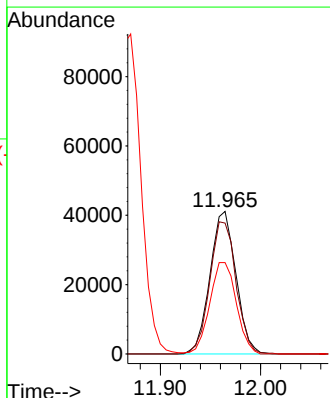
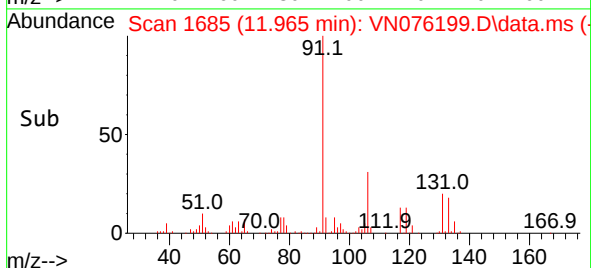
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

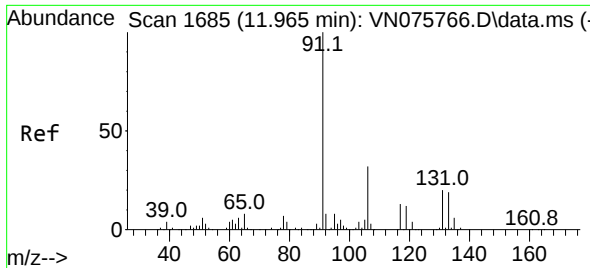


#66
1,1,1,2-Tetrachloroethane
Concen: 18.426 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



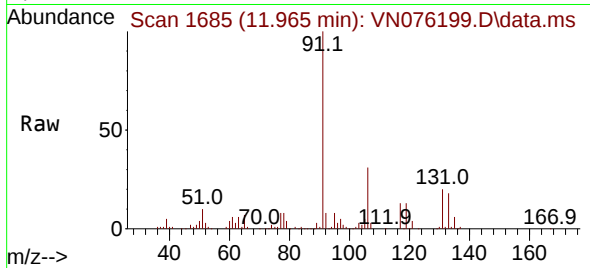
Tgt Ion:131 Resp: 73985
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.5
119 65.6 31.9 95.7





#67
Ethyl Benzene
Concen: 18.797 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

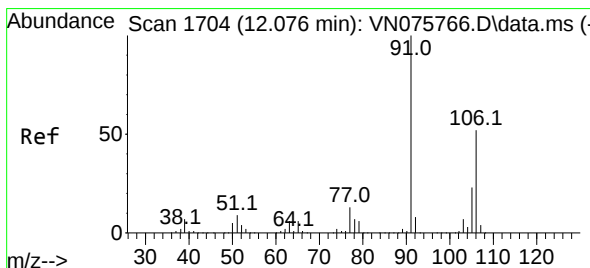
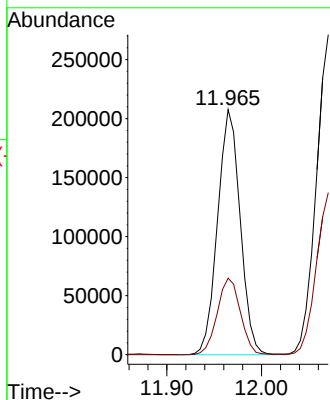
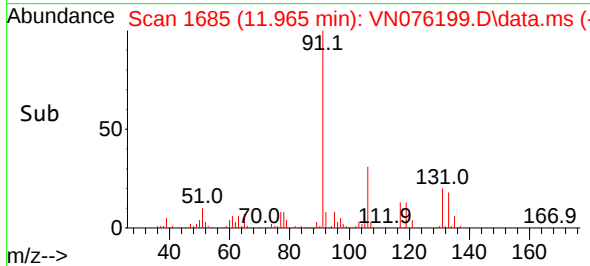
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



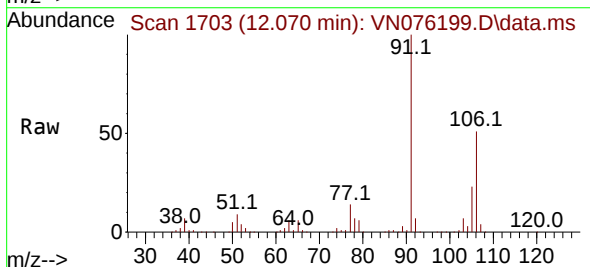
Tgt Ion: 91 Resp: 343920
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5

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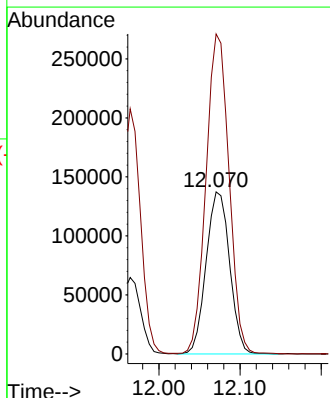
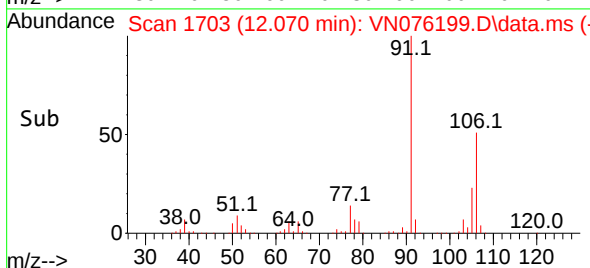
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

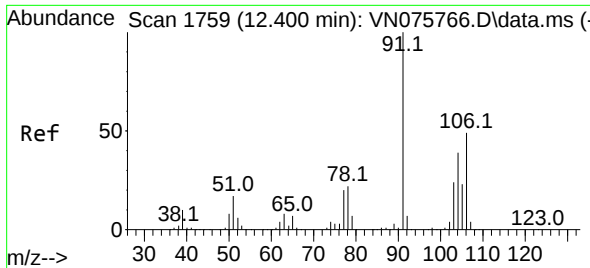


#68
m/p-Xylenes
Concen: 38.123 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion:106 Resp: 276070
Ion Ratio Lower Upper
106 100
91 193.7 156.6 235.0





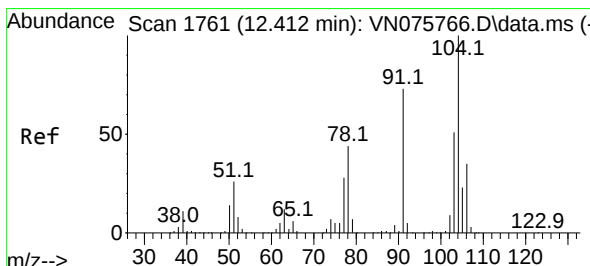
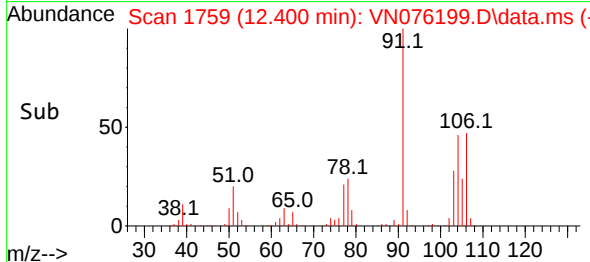
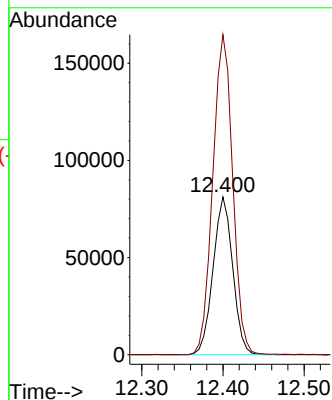
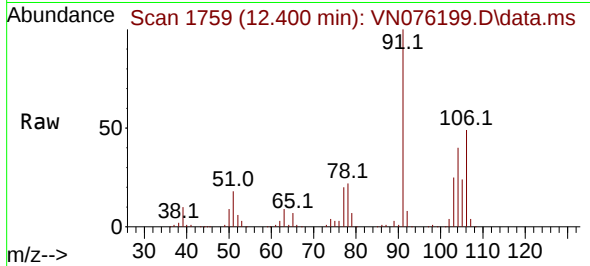
#69
o-Xylene
Concen: 19.024 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion:106 Resp: 136330
Ion Ratio Lower Upper
106 100
91 205.7 103.8 311.6

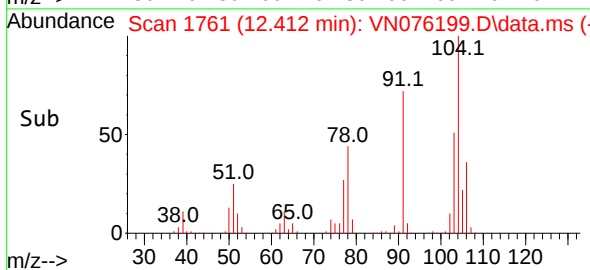
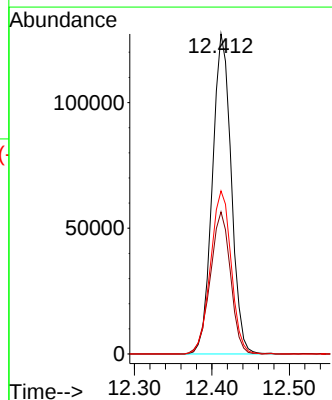
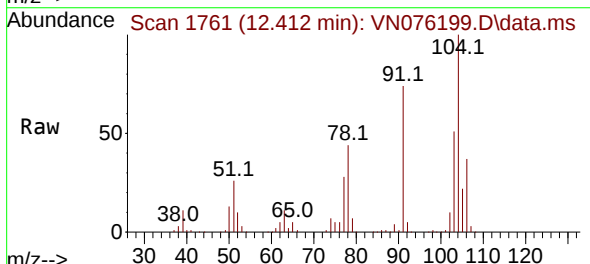
Manual Integrations
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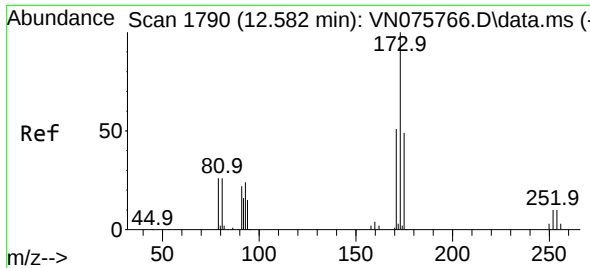
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#70
Styrene
Concen: 18.909 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

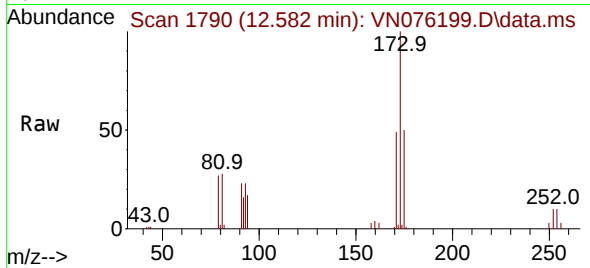
Tgt Ion:104 Resp: 215459
Ion Ratio Lower Upper
104 100
78 47.7 37.5 56.3
103 55.7 43.5 65.3





#71
Bromoform
Concen: 18.088 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

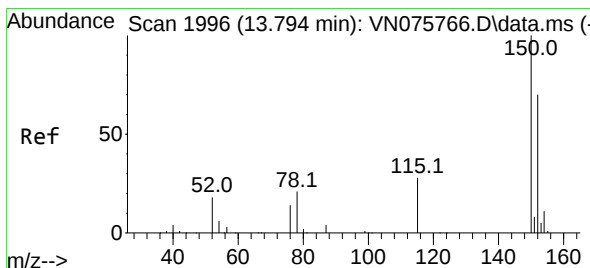
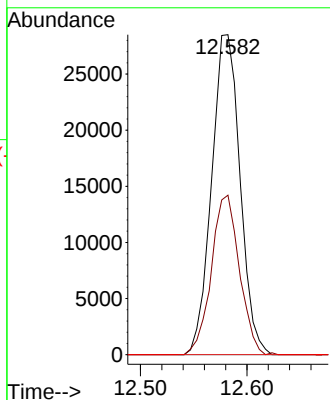
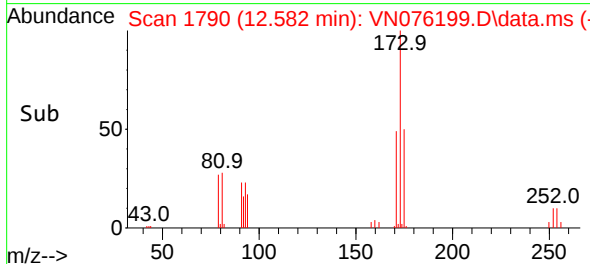
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



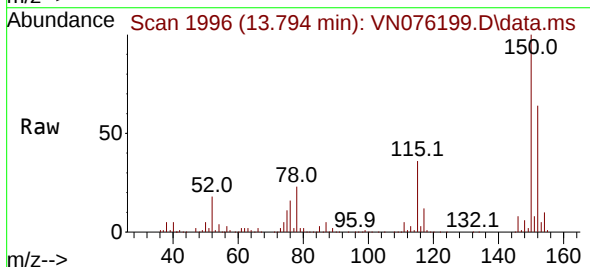
Tgt Ion:173 Resp: 52848
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
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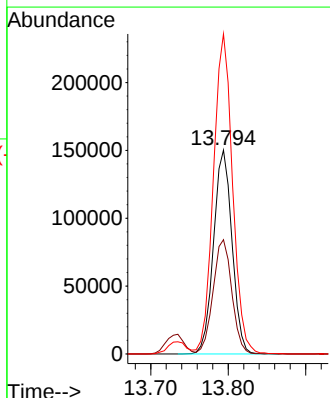
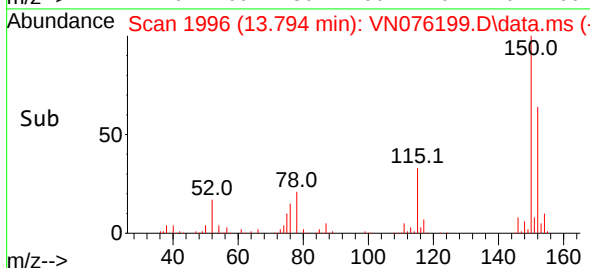
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

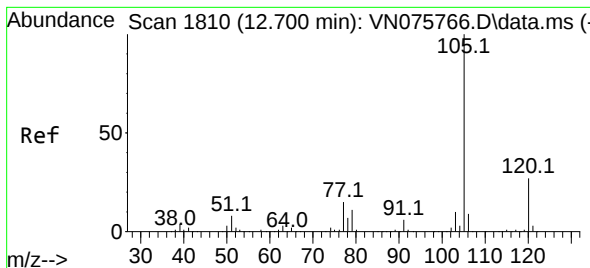


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion:152 Resp: 248224
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.4
150 163.0 0.0 347.0





#73

Isopropylbenzene

Concen: 19.864 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion:105 Resp: 356310

Ion Ratio Lower Upper

105 100

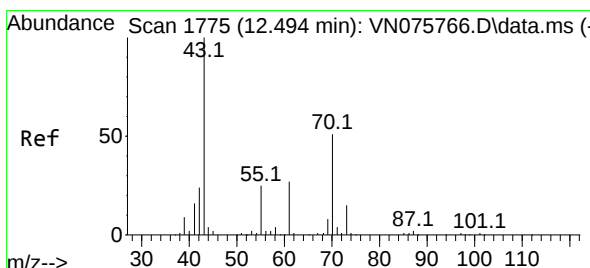
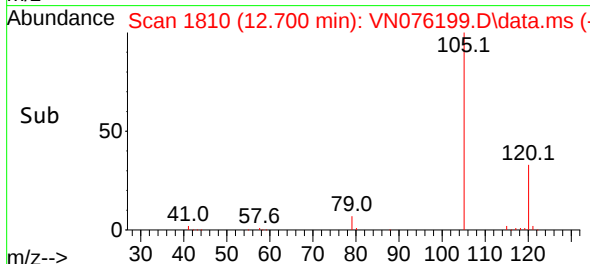
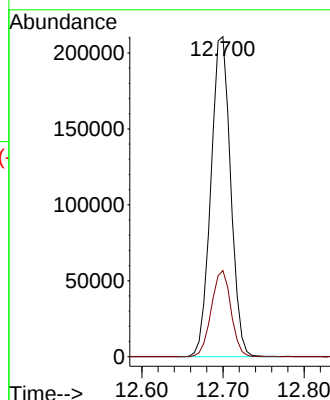
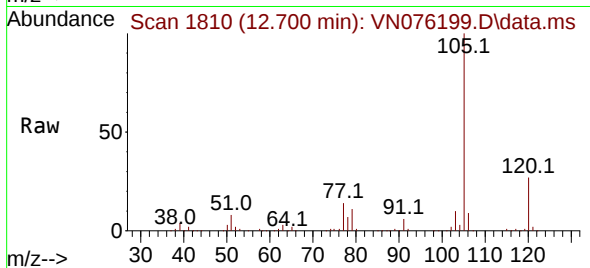
120 26.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#74

N-ethyl acetate

Concen: 19.275 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Tgt Ion: 43 Resp: 101429

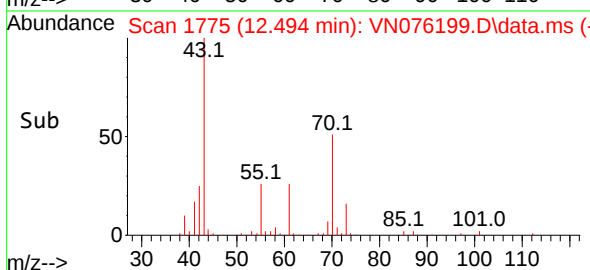
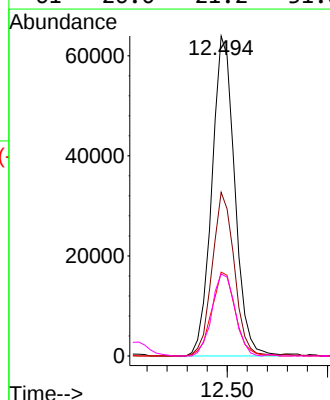
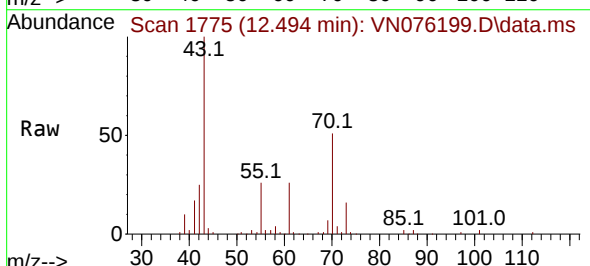
Ion Ratio Lower Upper

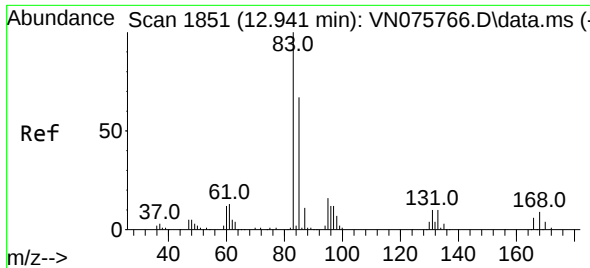
43 100

70 49.4 41.4 62.0

55 27.0 21.3 31.9

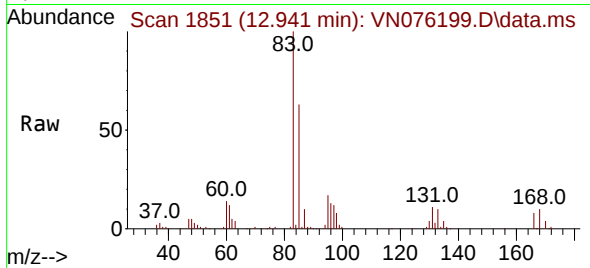
61 26.0 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 17.482 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

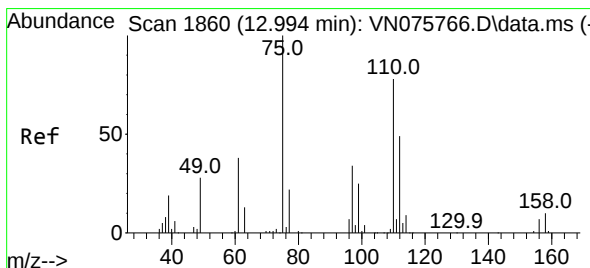
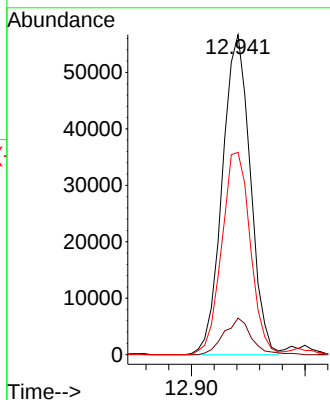
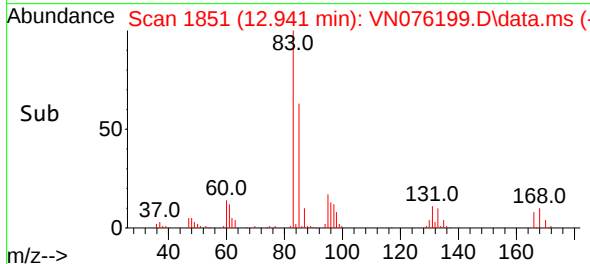
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 83 Resp: 96940
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.6 32.6 98.0

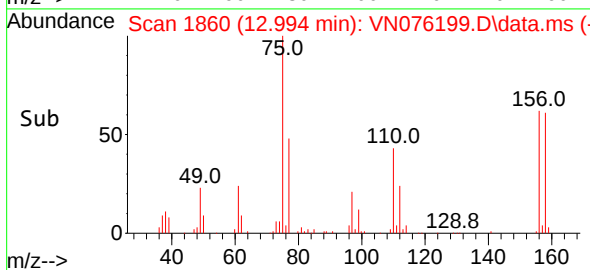
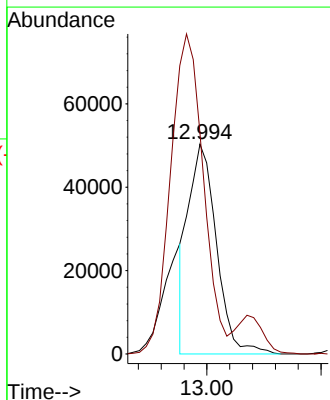
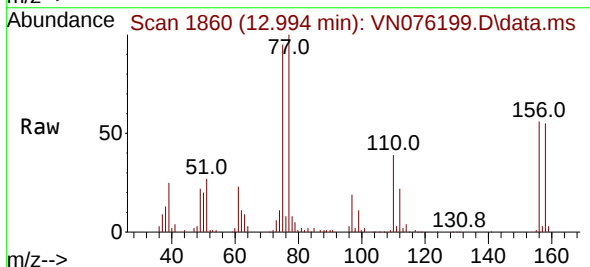
Manual Integrations
APPROVED

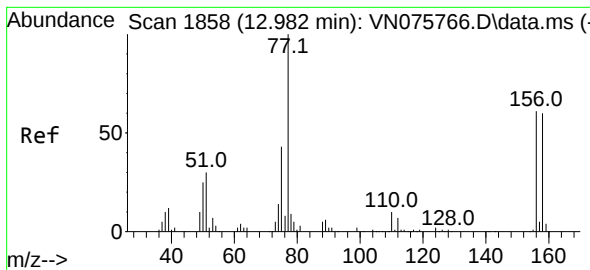
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#76
1,2,3-Trichloropropane
Concen: 17.212 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 75 Resp: 86123
Ion Ratio Lower Upper
75 100
77 177.8 82.6 247.8





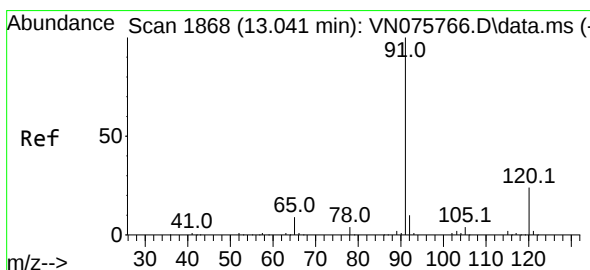
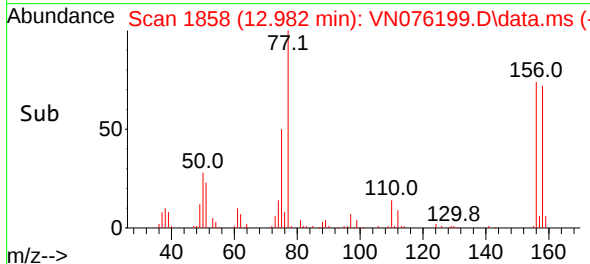
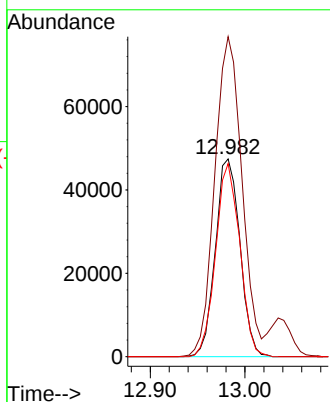
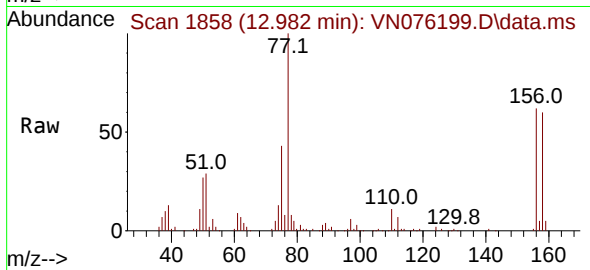
#77
Bromobenzene
Concen: 18.849 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion:156 Resp: 85569
Ion Ratio Lower Upper
156 100
77 179.0 93.8 281.3
158 96.0 48.9 146.6

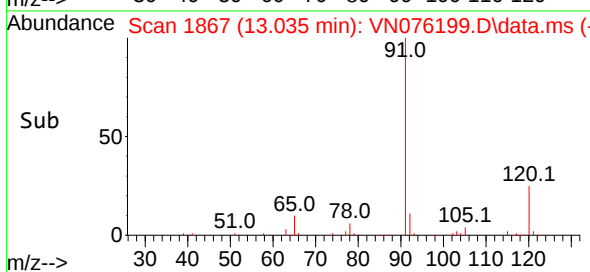
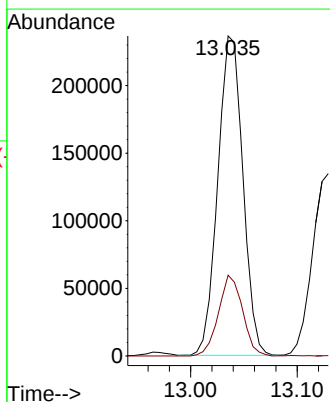
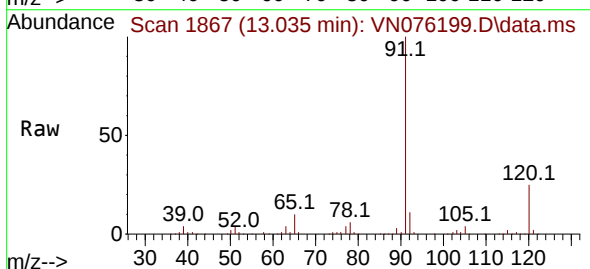
Manual Integrations
APPROVED

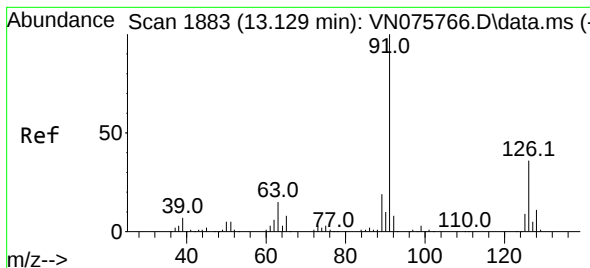
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#78
n-propylbenzene
Concen: 19.530 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 91 Resp: 386396
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1





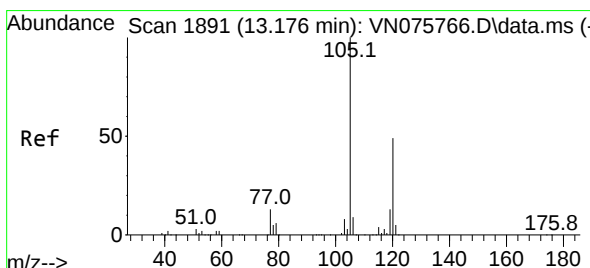
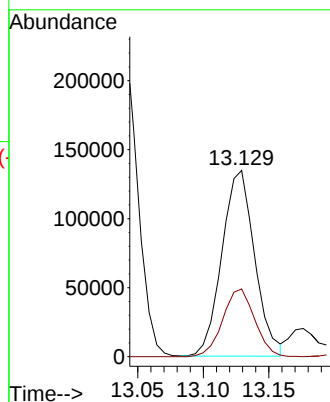
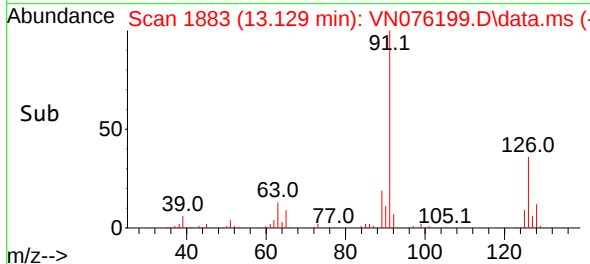
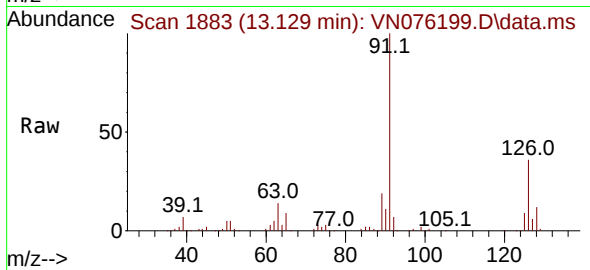
#79
2-Chlorotoluene
Concen: 18.967 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 91 Resp: 23424
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5

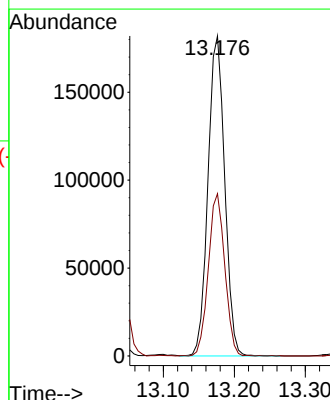
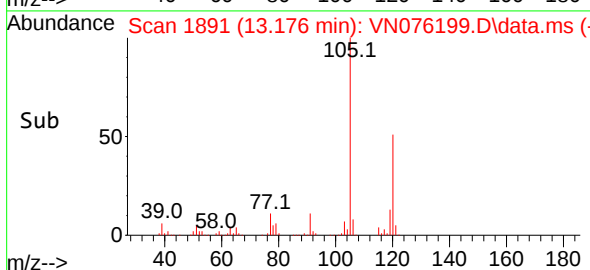
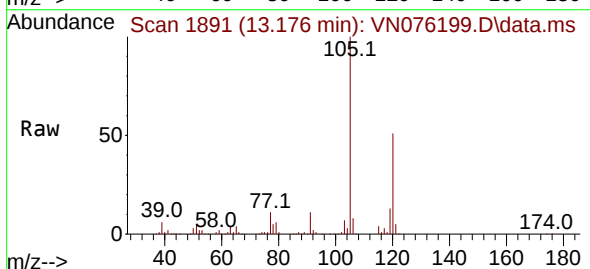
Manual Integrations
APPROVED

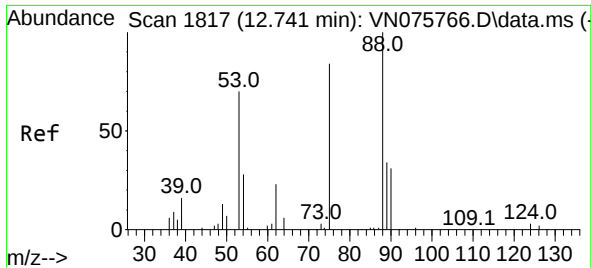
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.818 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

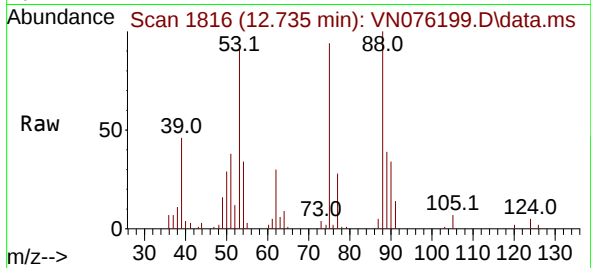
Tgt Ion:105 Resp: 297526
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.473 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

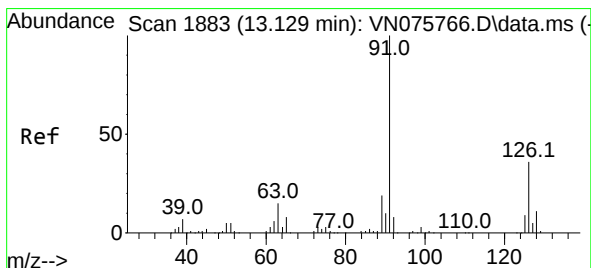
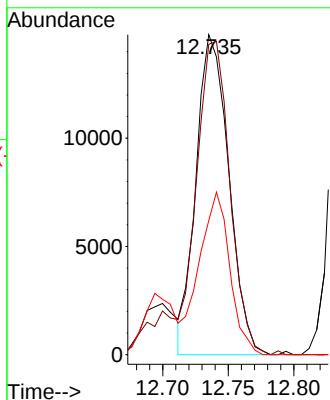
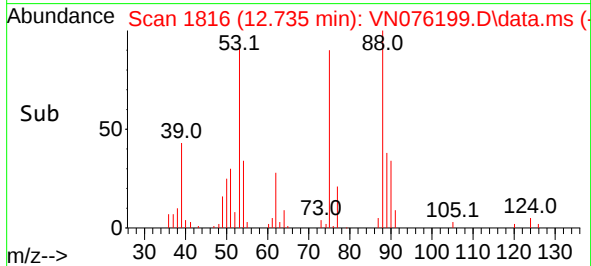
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 75 Resp: 25679
Ion Ratio Lower Upper
75 100
53 112.5 73.8 110.6
89 47.9 39.5 59.3

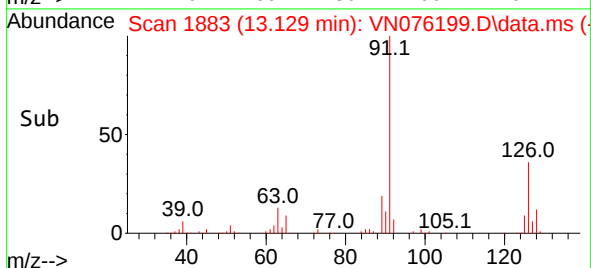
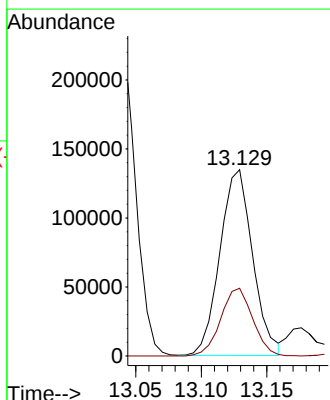
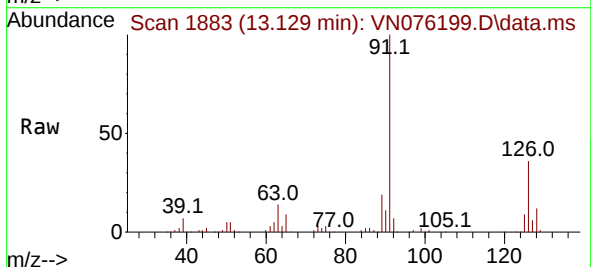
Manual Integrations
APPROVED

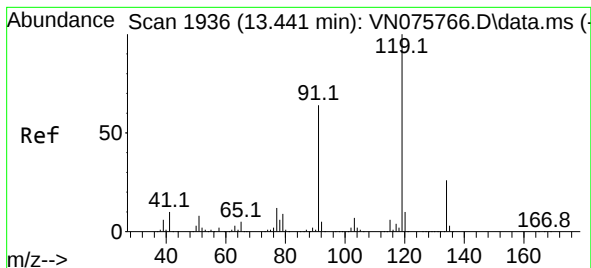
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#82
4-Chlorotoluene
Concen: 18.967 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

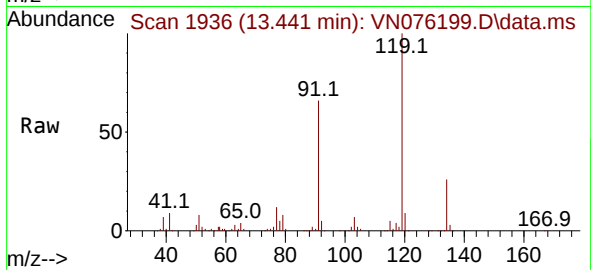
Tgt Ion: 91 Resp: 234242
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5





#83
tert-Butylbenzene
Concen: 19.806 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

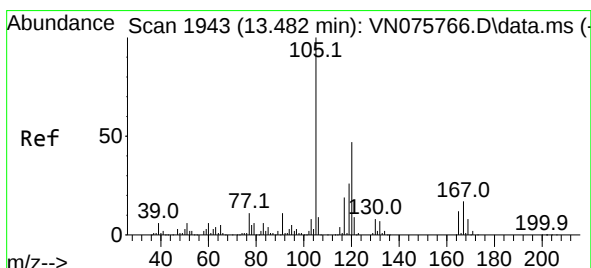
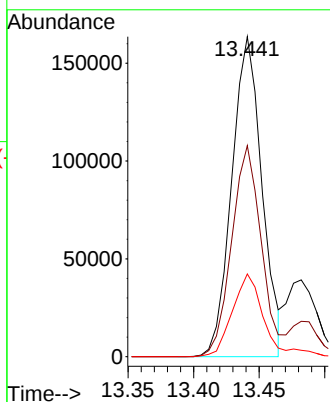
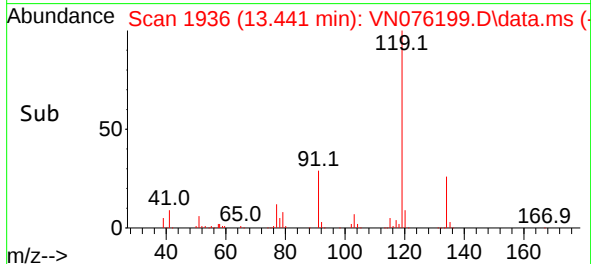
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



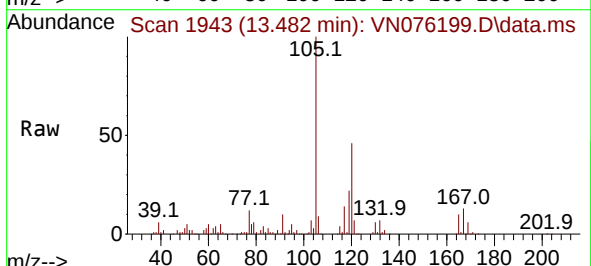
Tgt Ion:119 Resp: 262170
Ion Ratio Lower Upper
119 100
91 65.6 31.9 95.5
134 27.2 13.8 41.4

Manual Integrations
APPROVED

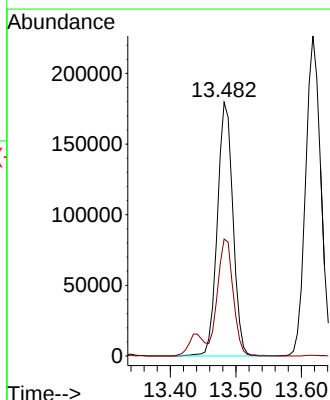
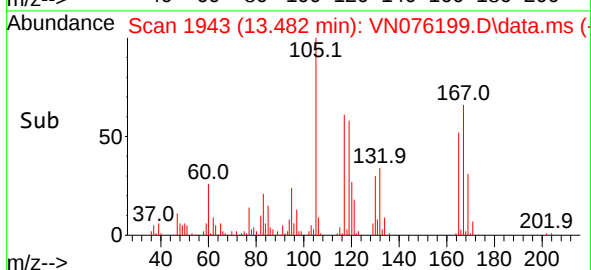
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

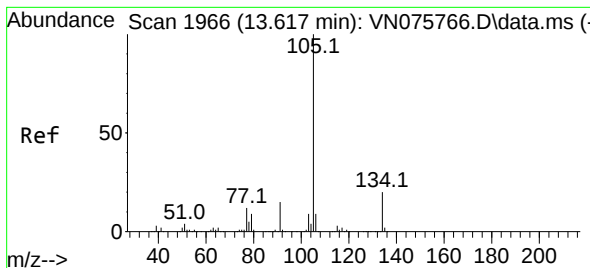


#84
1,2,4-Trimethylbenzene
Concen: 19.805 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion:105 Resp: 294971
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





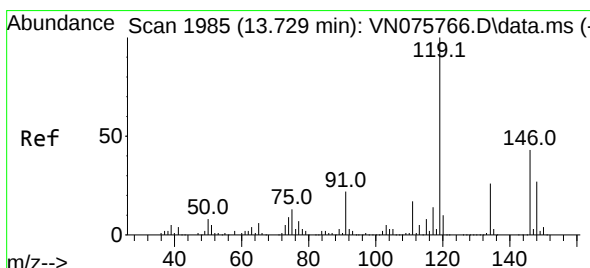
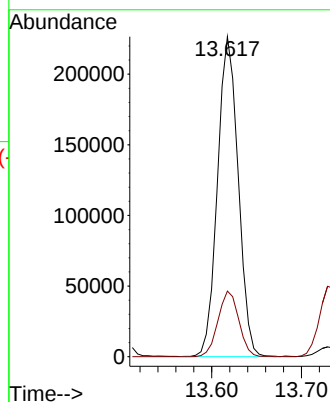
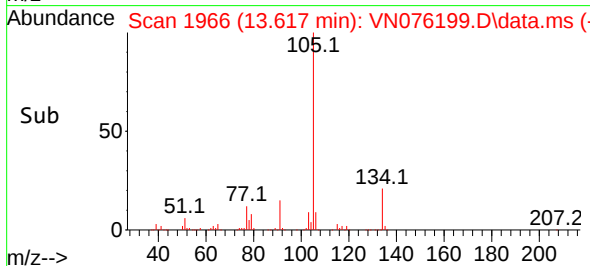
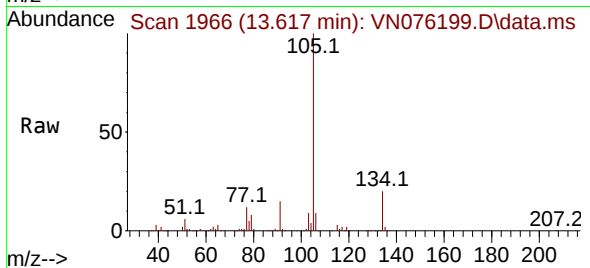
#85
 sec-Butylbenzene
 Concen: 19.857 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076199.D
 Acq: 11 Jan 2023 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01

Tgt Ion:105 Resp: 36278
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

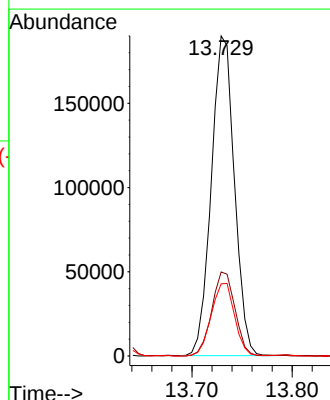
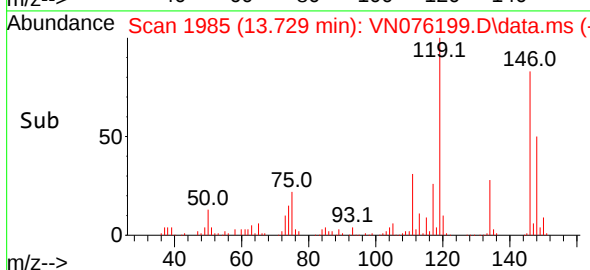
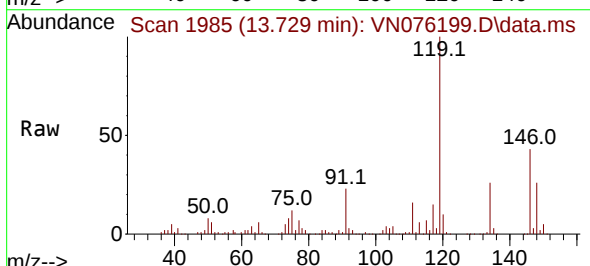
Manual Integrations
 APPROVED

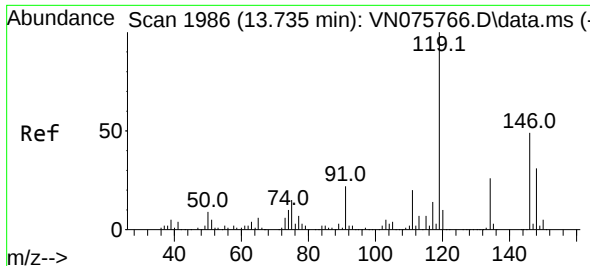
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#86
 p-Isopropyltoluene
 Concen: 19.977 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076199.D
 Acq: 11 Jan 2023 10:42

Tgt Ion:119 Resp: 303694
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.549 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion:146 Resp: 15554

Ion Ratio Lower Upper

146 100

111 38.4 19.7 59.0

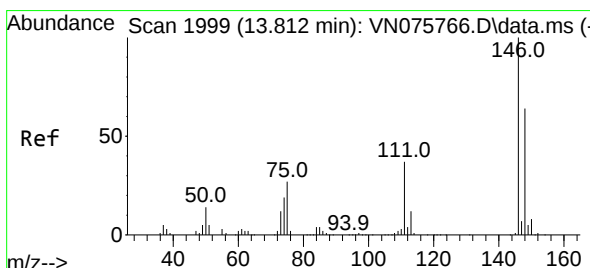
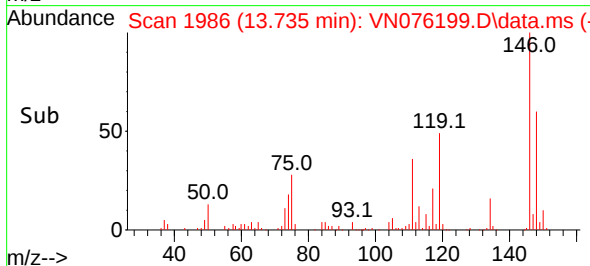
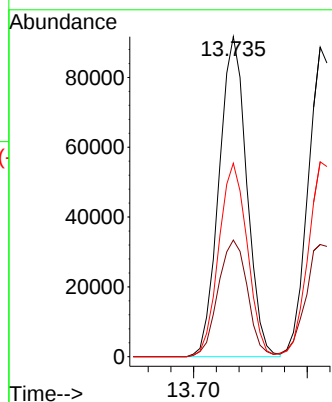
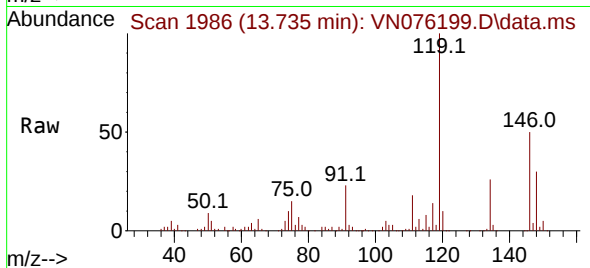
148 61.9 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#88

1,4-Dichlorobenzene

Concen: 17.863 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

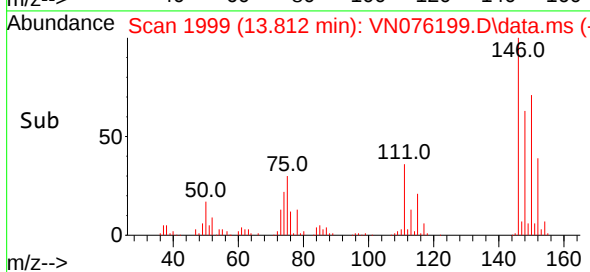
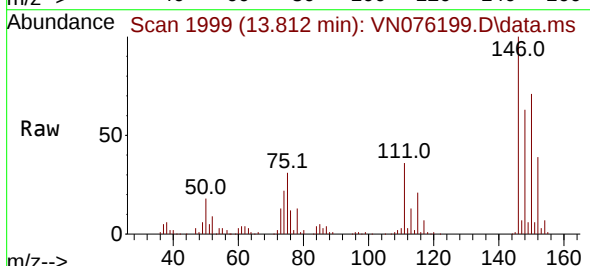
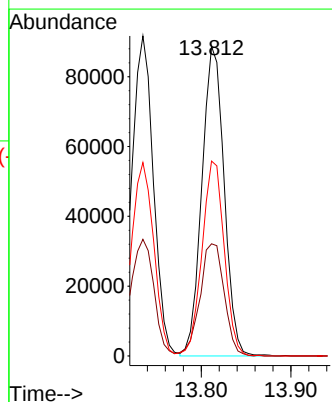
Tgt Ion:146 Resp: 153023

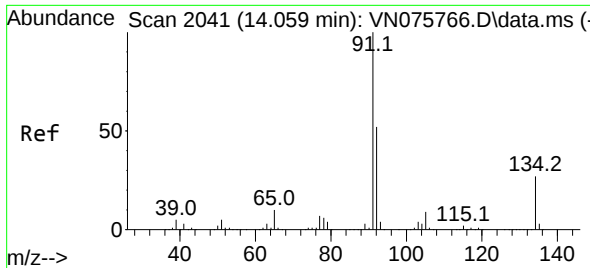
Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.1

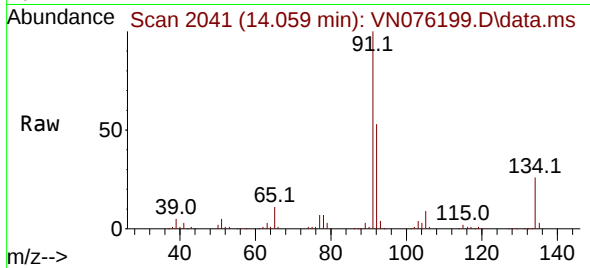
148 63.0 32.0 96.2





#89
n-Butylbenzene
Concen: 19.192 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

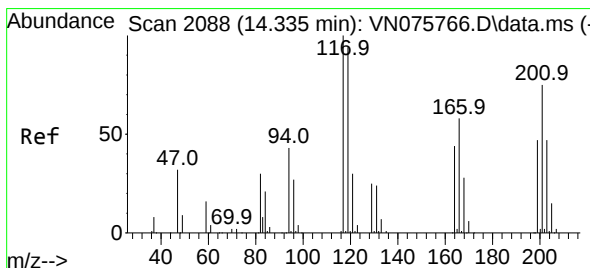
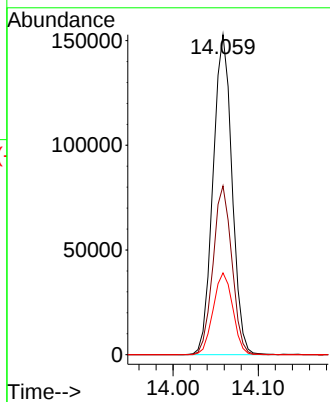
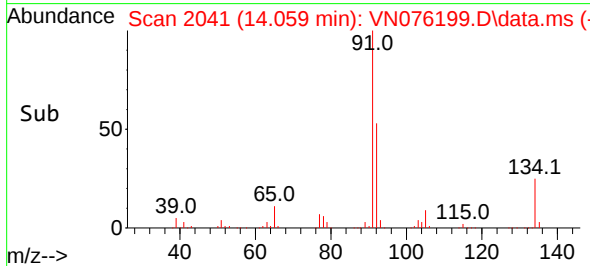
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 91 Resp: 23636
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 26.4 13.4 40.2

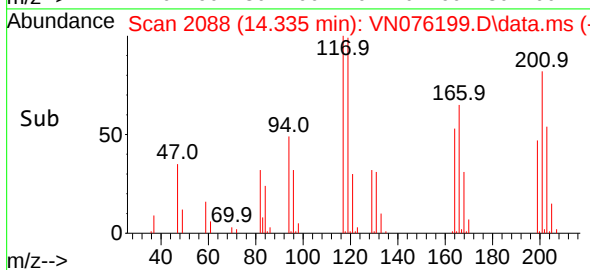
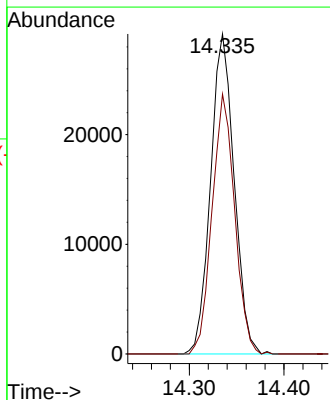
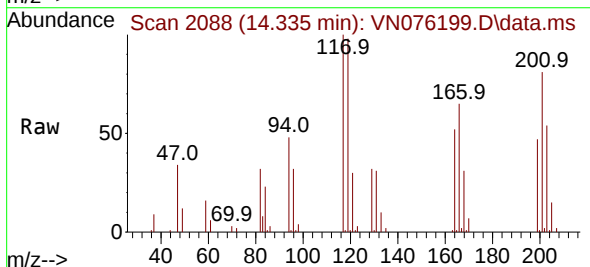
Manual Integrations
APPROVED

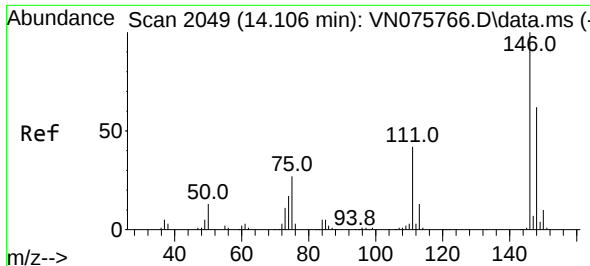
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#90
Hexachloroethane
Concen: 18.539 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

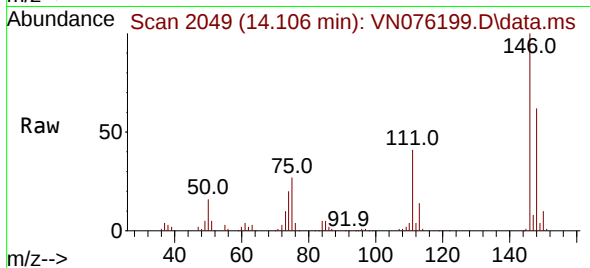
Tgt Ion:117 Resp: 50413
Ion Ratio Lower Upper
117 100
201 77.9 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 18.779 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

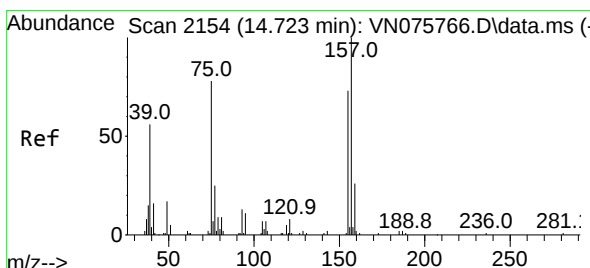
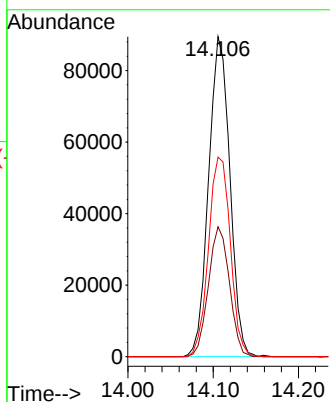
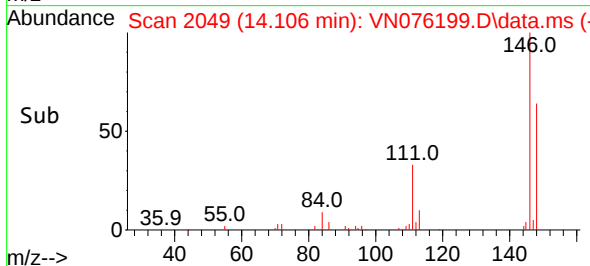
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



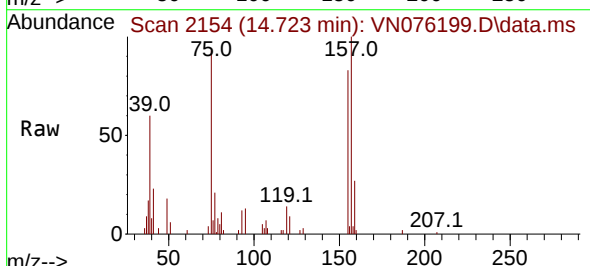
Tgt Ion:146 Resp: 15511
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 64.1 31.7 95.1

Manual Integrations
APPROVED

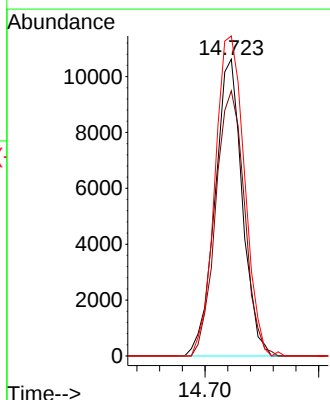
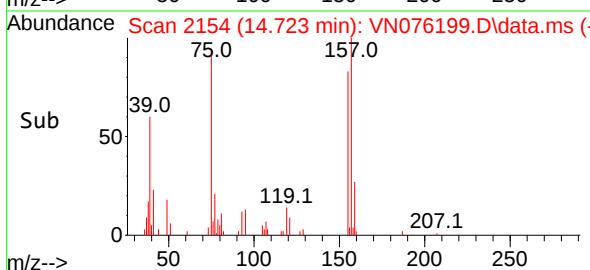
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

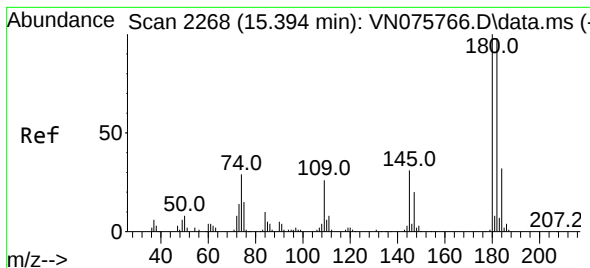


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.031 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion: 75 Resp: 17742
Ion Ratio Lower Upper
75 100
155 93.8 49.3 147.8
157 116.1 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 17.720 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion:180 Resp: 72460

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

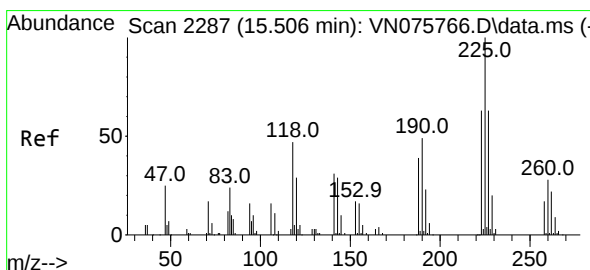
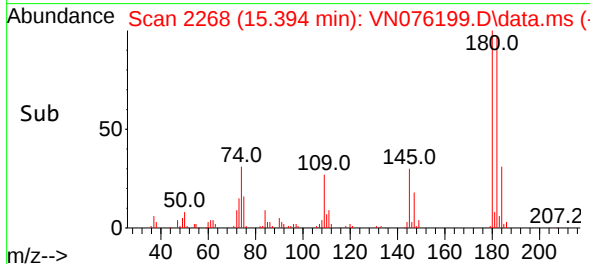
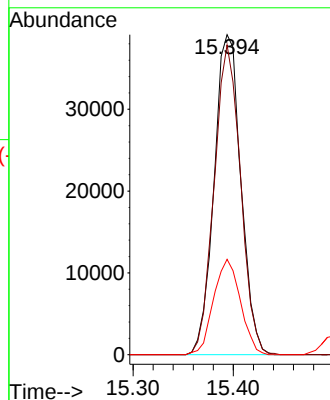
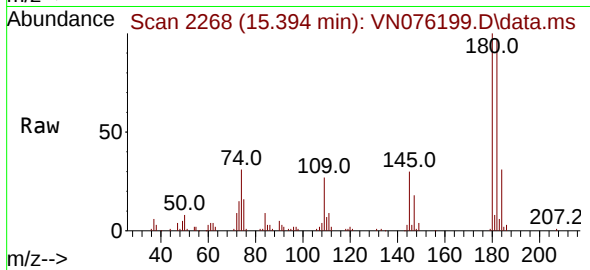
145 29.9 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#94

Hexachlorobutadiene

Concen: 18.769 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN076199.D

Acq: 11 Jan 2023 10:42

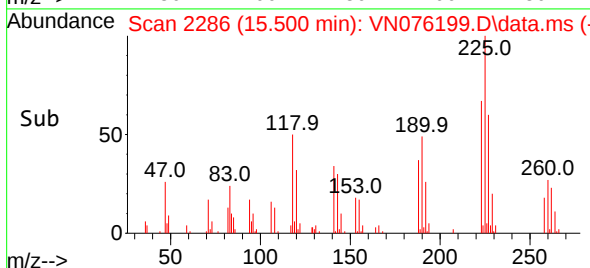
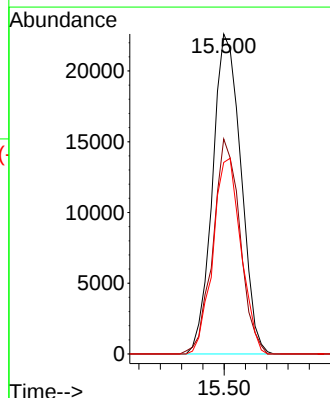
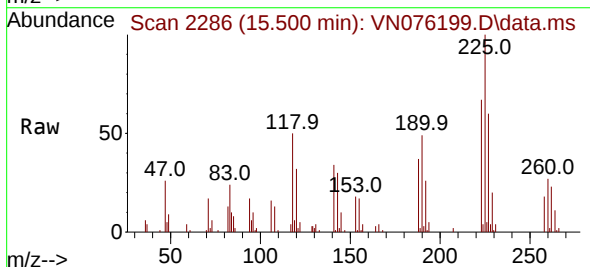
Tgt Ion:225 Resp: 41875

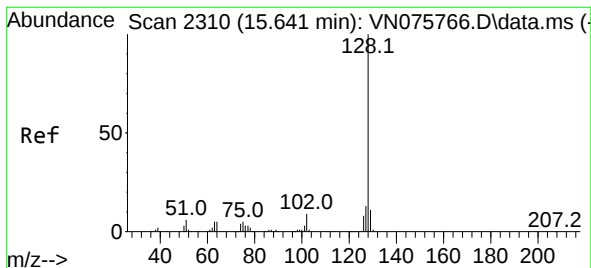
Ion Ratio Lower Upper

225 100

223 63.9 31.5 94.5

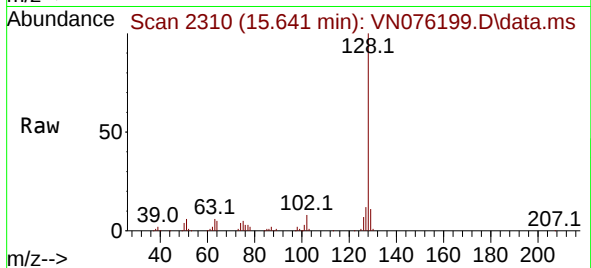
227 60.3 31.6 95.0





#95
Naphthalene
Concen: 17.147 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42

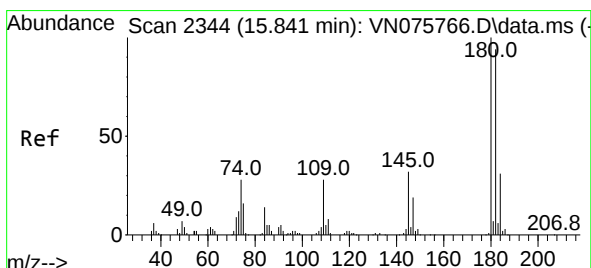
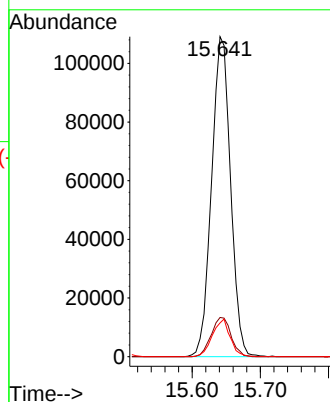
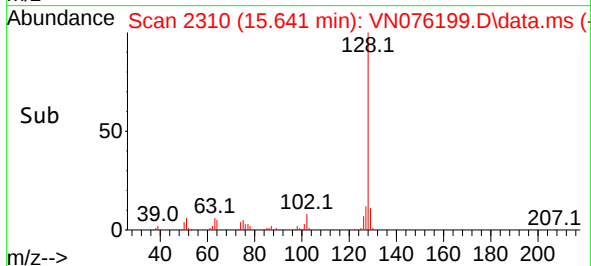
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



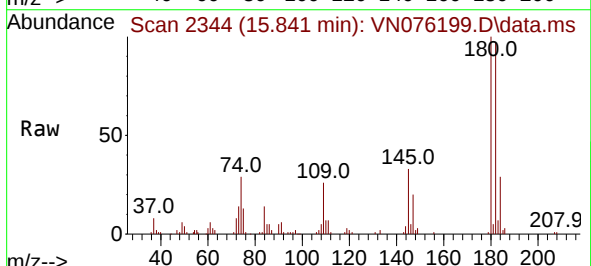
Tgt Ion:128 Resp: 211430
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.395 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076199.D
Acq: 11 Jan 2023 10:42



Tgt Ion:180 Resp: 70305
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 33.7 16.0 47.9

