

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075010.D
 Acq On : 25 Oct 2022 16:18
 Operator : JC\MD
 Sample : VN1025WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 10:26:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	14527	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	85381	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	80453	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	43288	32.590	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 108.633%		
60) 4-Bromofluorobenzene	12.853	95	47450	30.017	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 100.067%		
63) Toluene-d8	10.570	98	134758	29.948	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 99.833%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	13346	18.872	ug/l	97
3) Chloromethane	2.371	50	20897	22.464	ug/l	98
4) Vinyl Chloride	2.524	62	31204	22.183	ug/l	96
5) Bromomethane	2.930	94	26637	23.952	ug/l	99
6) Chloroethane	3.112	64	25225	23.249	ug/l	93
7) Trichlorofluoromethane	3.500	101	33336	22.023	ug/l	95
8) Diethyl Ether	3.971	74	13170	21.160	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	19149	21.580	ug/l	73
10) 1,1-Dichloroethene	4.347	96	17281	20.764	ug/l	96
11) Methyl Iodide	4.600	142	26852	20.681	ug/l	98
12) Methyl Acetate	5.041	43	30397	21.560	ug/l	96
13) Acrolein	4.183	56	16145	93.494	ug/l	98
14) Acrylonitrile	5.730	53	59475	102.105	ug/l	98
15) Acetone	4.441	58	18290	112.389	ug/l	79
16) Carbon Disulfide	4.718	76	37349	20.385	ug/l	99
17) Allyl chloride	5.030	41	25264	22.654	ug/l	94
18) Methylene Chloride	5.277	84	13188	12.648	ug/l	97
19) trans-1,2-Dichloroethene	5.794	96	19187	20.736	ug/l	99
20) Diisopropyl ether	6.683	45	59888	20.690	ug/l	96
21) 1,1-Dichloroethane	6.583	63	38731	21.545	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	24667	21.099	ug/l	96
23) tert-Butyl Alcohol	5.536	59	14730	54.628	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	71252	20.932	ug/l	93
25) Chloroform	7.971	83	41772	21.033	ug/l	98
26) Cyclohexane	8.259	56	30020	20.788	ug/l #	90
29) 1,1-Dichloropropene	8.377	75	28475	19.443	ug/l	98
30) 2-Butanone	7.494	43	85505	101.280	ug/l	98
31) 2,2-Dichloropropane	7.494	77	35550	19.872	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	36955	19.483	ug/l	98
33) Carbon Tetrachloride	8.365	117	31640	18.945	ug/l	99
34) Benzene	8.612	78	88829	19.840	ug/l #	95
35) Methacrylonitrile	7.788	41	15975	19.742	ug/l	93
36) 1,2-Dichloroethane	8.671	62	33617	20.263	ug/l	98
37) Trichloroethene	9.353	130	22245	19.994	ug/l	98
38) Methylcyclohexane	9.606	83	35866	19.751	ug/l	97
39) 1,2-Dichloropropane	9.629	63	22841	20.265	ug/l	98
40) Dibromomethane	9.712	93	16818	19.667	ug/l	99
41) Bromodichloromethane	9.894	83	32230	19.359	ug/l	97
42) Vinyl Acetate	6.612	43	237261	99.772	ug/l #	91

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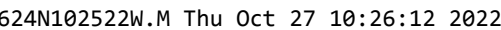
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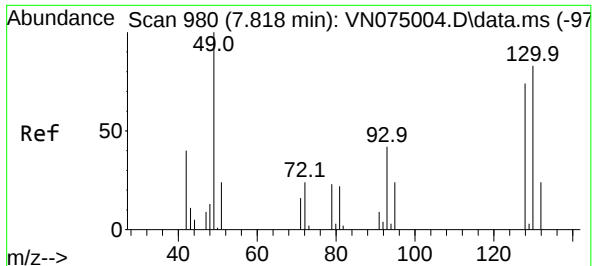
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	33438	20.041	ug/l #	85
44) Isopropyl Acetate	8.688	43	52306	19.544	ug/l	93
45) 1,4-Dioxane	9.700	88	13040	395.856	ug/l	96
46) Methyl methacrylate	9.682	41	23655	19.703	ug/l	84
47) n-amyl Acetate	12.494	43	45530	19.803	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	34837	19.154	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	36719	19.208	ug/l #	83
50) 1,1,2-Trichloroethane	11.018	97	25113	20.045	ug/l	97
51) Ethyl methacrylate	10.876	69	37032	18.972	ug/l	90
52) 1,3-Dichloropropane	11.165	76	40771	19.458	ug/l	99
53) Dibromochloromethane	11.359	129	25114	18.534	ug/l	99
54) 1,2-Dibromoethane	11.476	107	24772	19.112	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	78760	98.762	ug/l	99
56) Bromoform	12.582	173	17803	17.895	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	176942	101.963	ug/l	96
59) 2-Hexanone	11.200	43	134313	100.893	ug/l	95
61) Tetrachloroethene	11.106	164	18019	20.139	ug/l	89
62) Toluene	10.635	91	103202	19.813	ug/l	97
64) Chlorobenzene	11.894	112	63903	19.797	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	24221	19.642	ug/l	97
66) Ethyl Benzene	11.965	91	117136	19.953	ug/l	98
67) m/p-Xylenes	12.076	106	92534	39.303	ug/l	99
68) o-Xylene	12.400	106	45763	19.337	ug/l	99
69) Styrene	12.412	104	73906	19.096	ug/l	96
70) Isopropylbenzene	12.700	105	119321	19.351	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	40333	20.080	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	50847	27.878	ug/l	49
73) Bromobenzene	12.982	156	25881	18.857	ug/l	92
74) n-propylbenzene	13.041	91	138947	20.123	ug/l	100
75) 2-Chlorotoluene	13.129	91	82160	19.552	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	104150	19.939	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	11660	18.302	ug/l	92
78) 4-Chlorotoluene	13.223	91	80219	19.654	ug/l	97
79) tert-butylbenzene	13.441	119	93639	20.077	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	103585	19.495	ug/l #	81
81) sec-Butylbenzene	13.617	105	127823	19.495	ug/l	100
82) p-Isopropyltoluene	13.735	119	103977	18.798	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	51622	19.019	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	50261	19.194	ug/l	99
85) n-Butylbenzene	14.059	91	84376	19.019	ug/l	96
86) Hexachloroethane	14.335	117	19283	18.813	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	50524	18.819	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	8347	19.771	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	22025	18.574	ug/l	97
90) Hexachlorobutadiene	15.505	225	10484	19.224	ug/l	97
91) Naphthalene	15.641	128	85601	18.214	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	22319	18.594	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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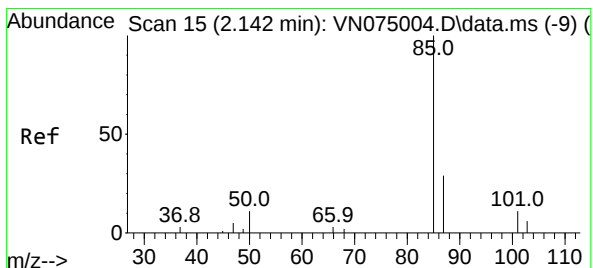
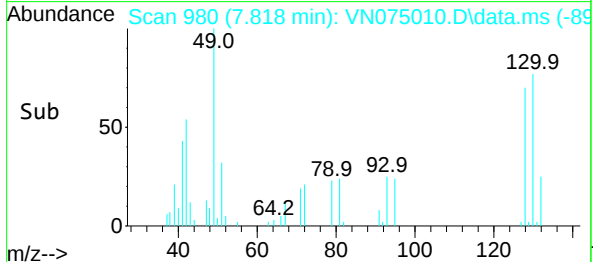
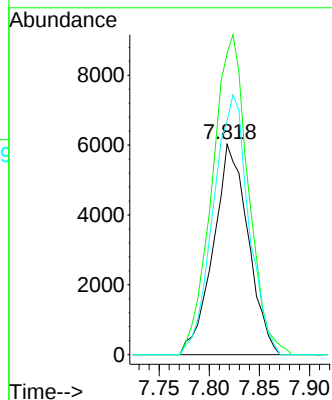
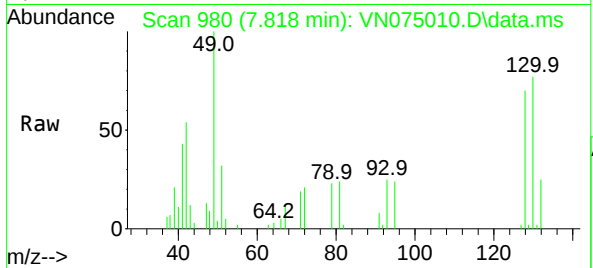




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

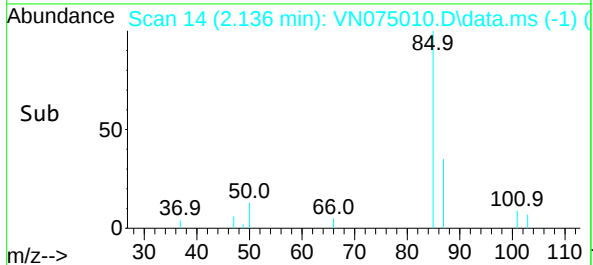
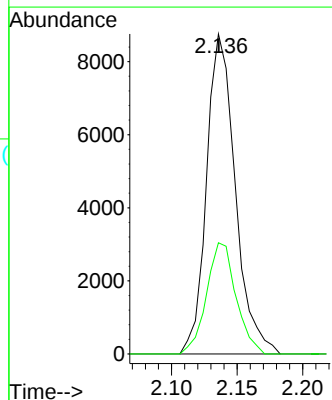
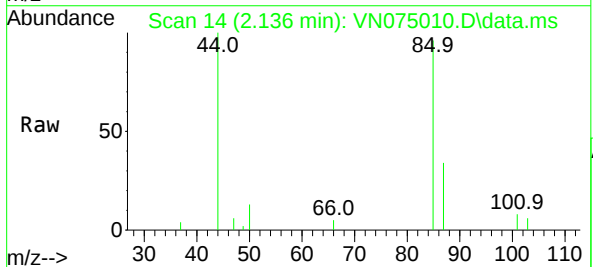
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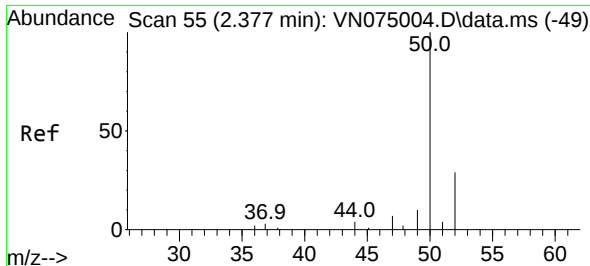
Tgt Ion:128 Resp: 14527
Ion Ratio Lower Upper
128 100
49 157.4 0.0 392.3
130 125.6 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 18.872 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 85 Resp: 13346
Ion Ratio Lower Upper
85 100
87 34.8 16.6 49.7

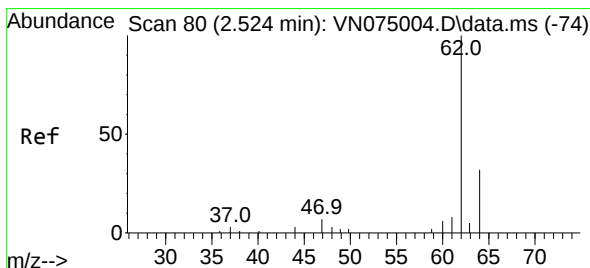
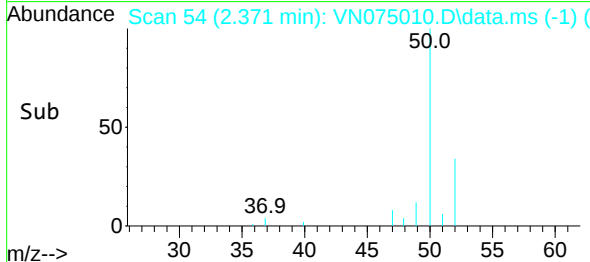
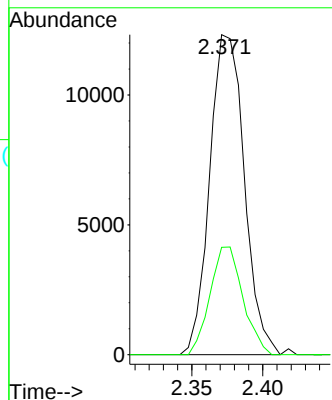
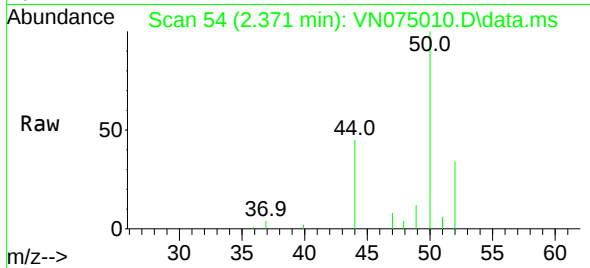




#3
Chloromethane
Concen: 22.464 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

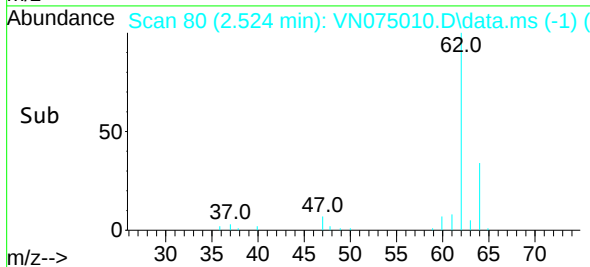
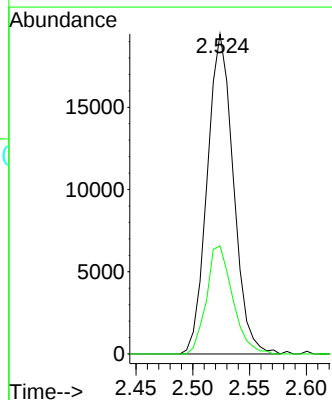
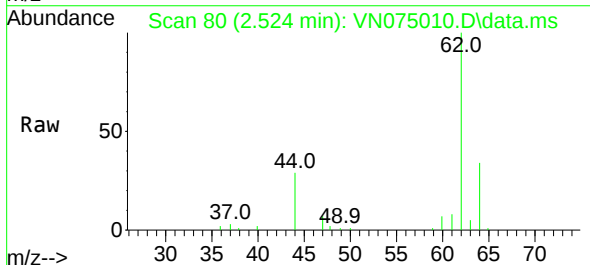
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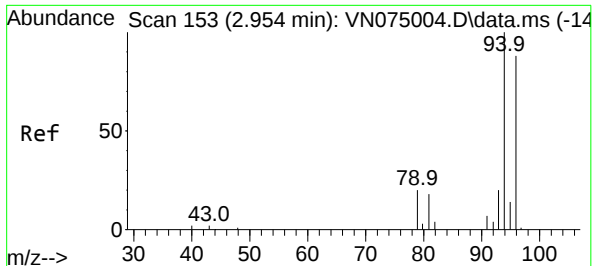
Tgt Ion: 50 Resp: 20897
Ion Ratio Lower Upper
50 100
52 33.6 27.8 41.6



#4
Vinyl Chloride
Concen: 22.183 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 62 Resp: 31204
Ion Ratio Lower Upper
62 100
64 33.7 25.1 37.7

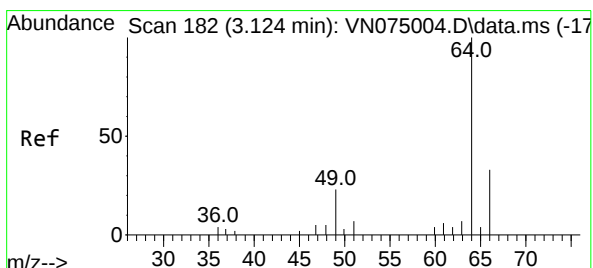
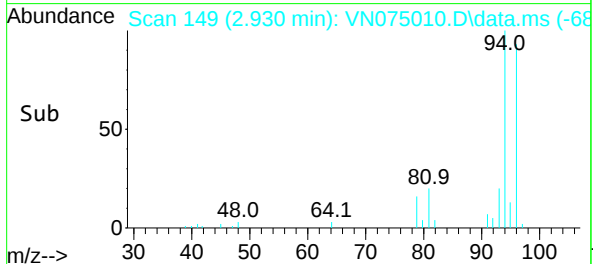
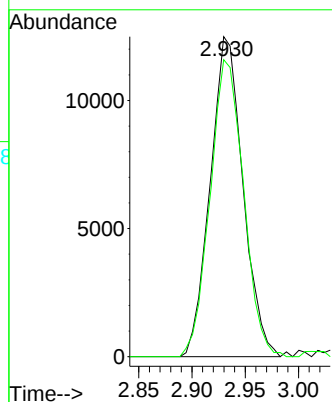
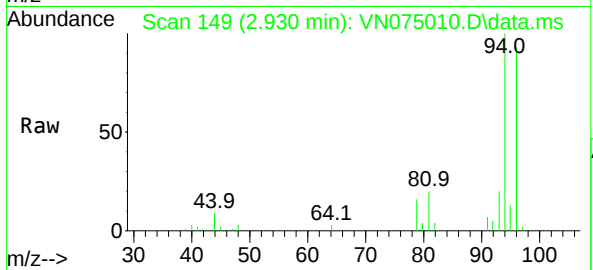




#5
Bromomethane
Concen: 23.952 ug/l
RT: 2.930 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

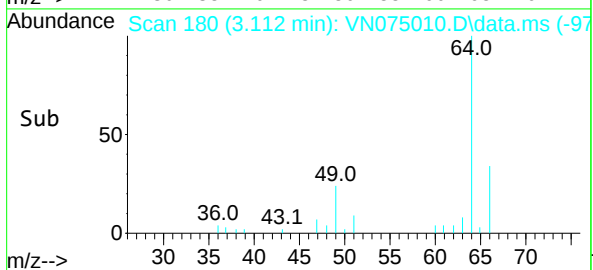
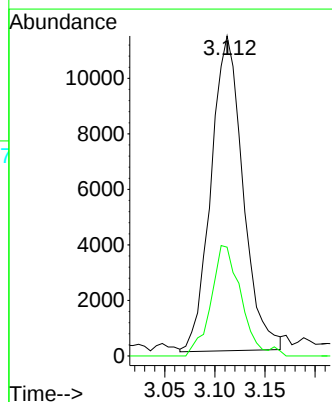
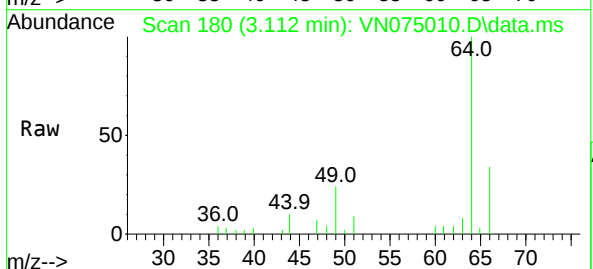
Instrument :
MSVOA_N
ClientSampleId :

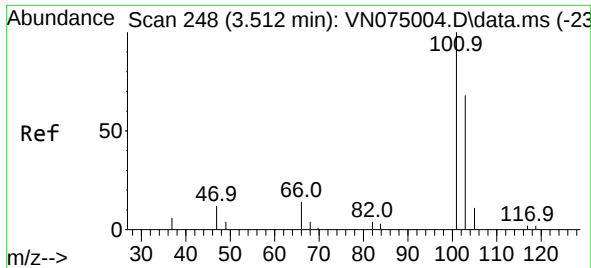
Tgt Ion: 94 Resp: 26637
Ion Ratio Lower Upper
94 100
96 92.8 75.2 112.8



#6
Chloroethane
Concen: 23.249 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 64 Resp: 25225
Ion Ratio Lower Upper
64 100
66 34.8 24.6 36.8

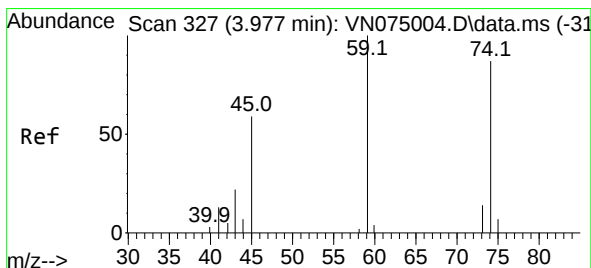
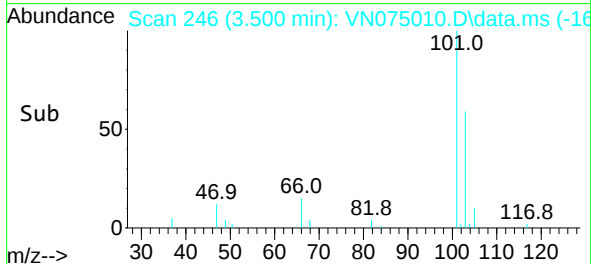
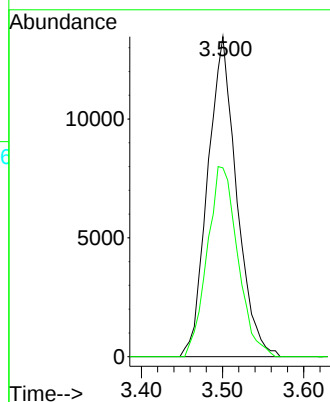
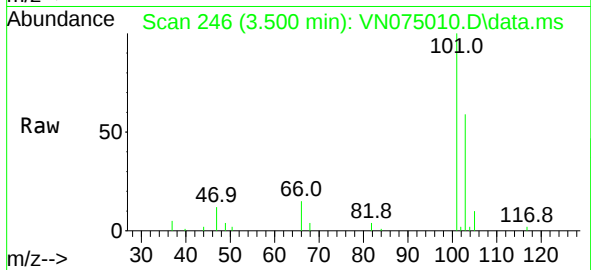




#7
 Trichlorofluoromethane
 Concen: 22.023 ug/l
 RT: 3.500 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

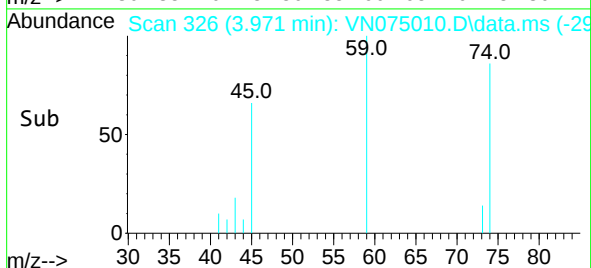
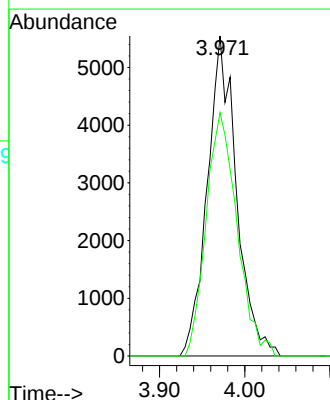
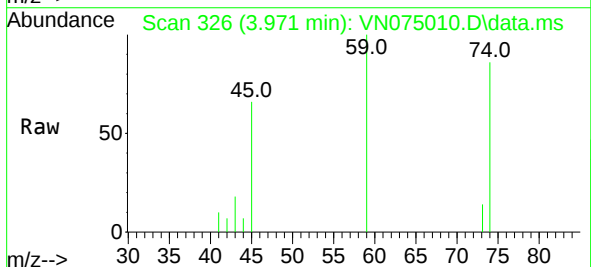
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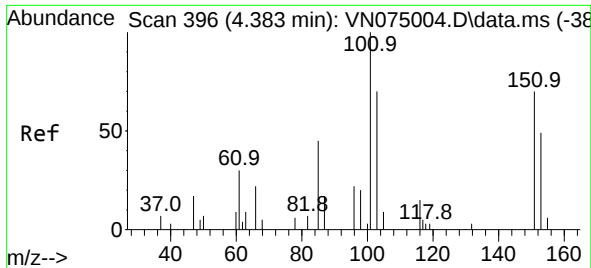
Tgt Ion:101 Resp: 33336
 Ion Ratio Lower Upper
 101 100
 103 59.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.160 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

Tgt Ion: 74 Resp: 13170
 Ion Ratio Lower Upper
 74 100
 45 79.5 17.6 158.8

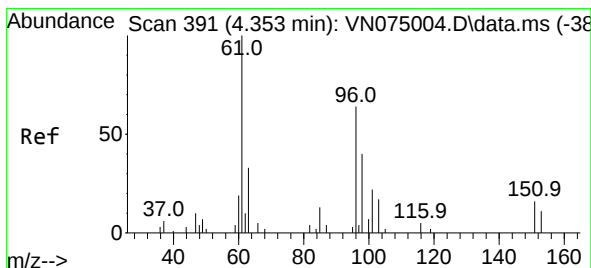
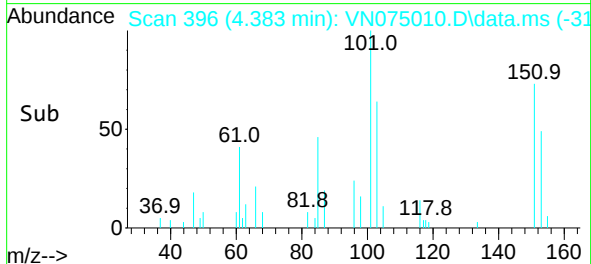
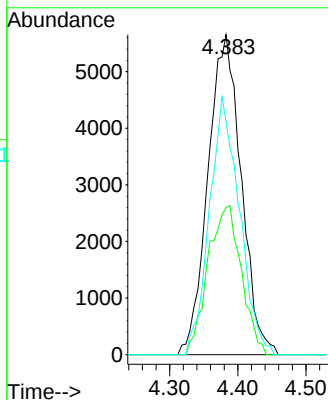
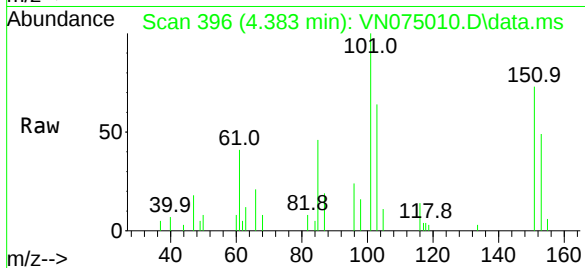




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.580 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075010.D
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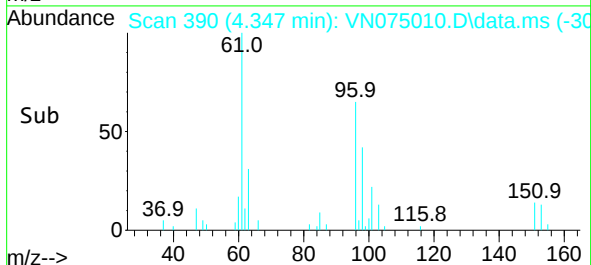
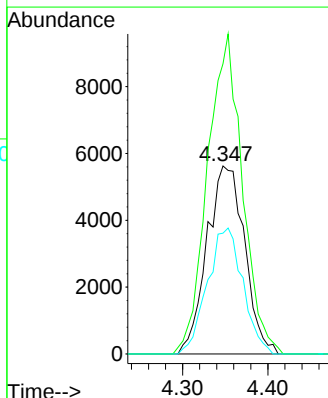
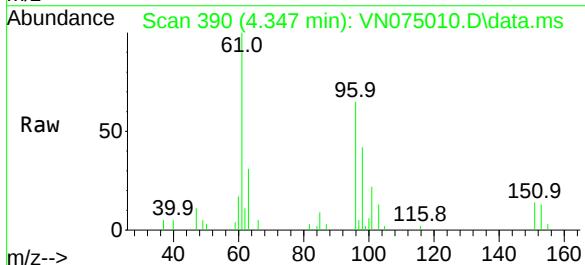
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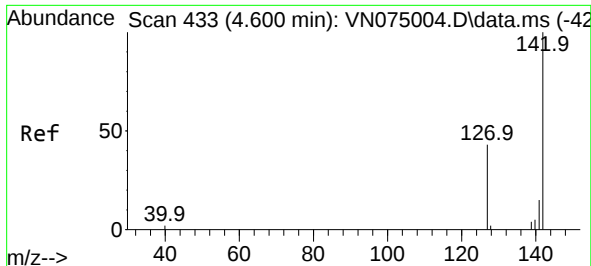
Tgt Ion:101 Resp: 19149
Ion Ratio Lower Upper
101 100
85 46.8 0.0 94.0
151 73.1 0.0 74.6



#10
1,1-Dichloroethene
Concen: 20.764 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

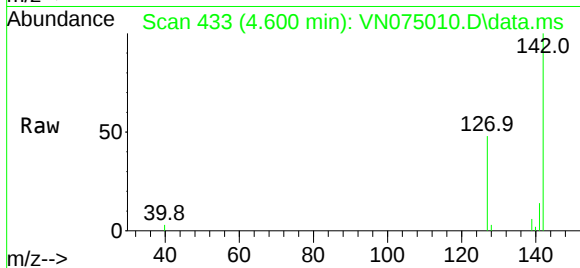
Tgt Ion: 96 Resp: 17281
Ion Ratio Lower Upper
96 100
61 151.1 126.2 189.4
98 64.3 50.9 76.3



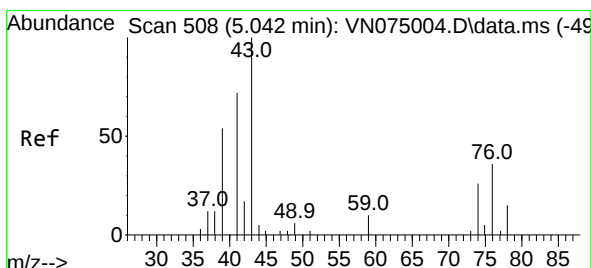
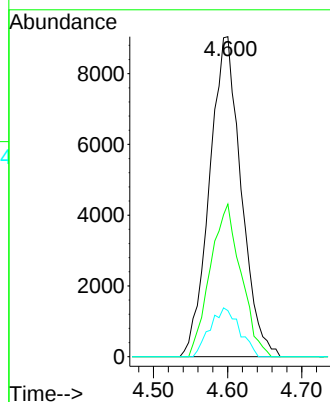
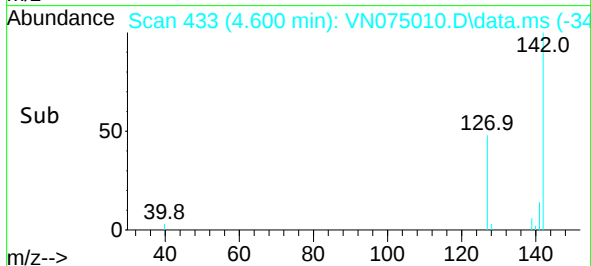


#11
Methyl Iodide
Concen: 20.681 ug/l
RT: 4.600 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Instrument :
MSVOA_N
ClientSampleId :

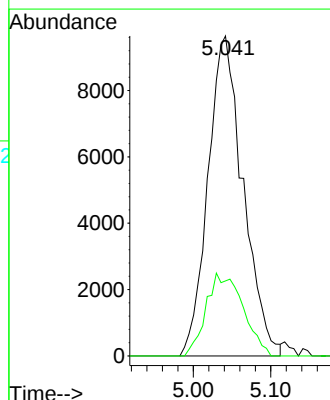
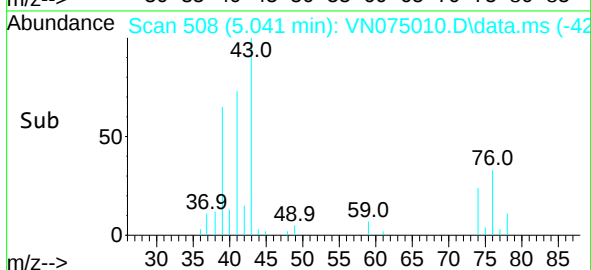
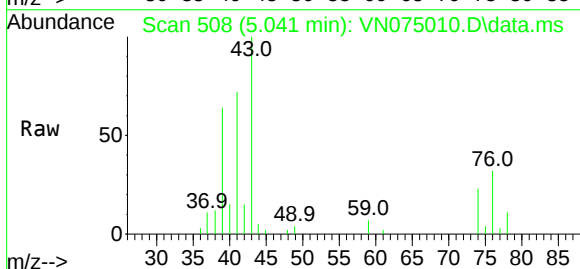


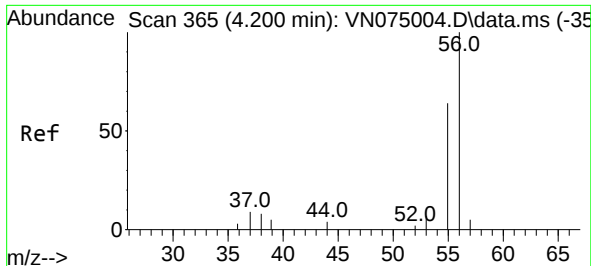
Tgt Ion:142 Resp: 26852
Ion Ratio Lower Upper
142 100
127 47.7 24.0 72.0
141 14.4 8.4 25.2



#12
Methyl Acetate
Concen: 21.560 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 43 Resp: 30397
Ion Ratio Lower Upper
43 100
74 23.9 20.8 31.2





#13

Acrolein

Concen: 93.494 ug/l

RT: 4.183 min Scan# 362

Delta R.T. -0.018 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

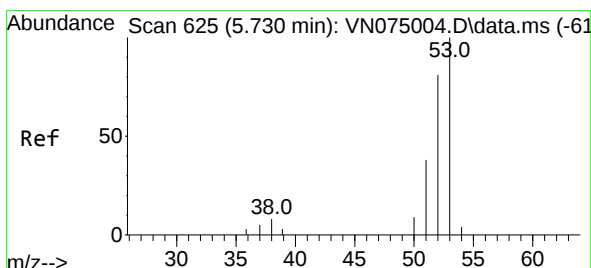
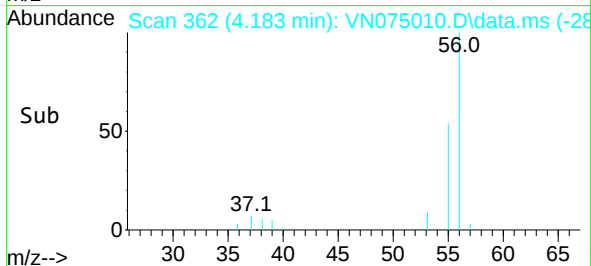
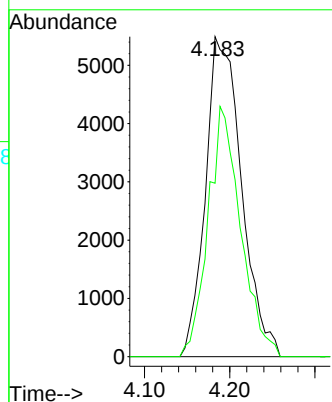
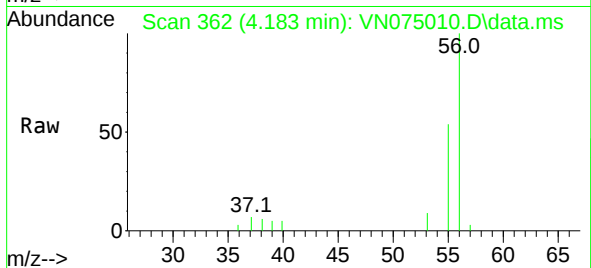
ClientSampleId :

Tgt Ion: 56 Resp: 16145

Ion Ratio Lower Upper

56 100

55 70.5 57.6 86.4



#14

Acrylonitrile

Concen: 102.105 ug/l

RT: 5.730 min Scan# 625

Delta R.T. -0.000 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

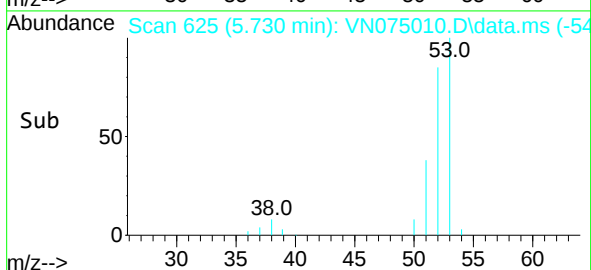
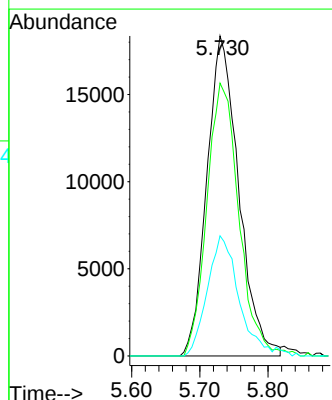
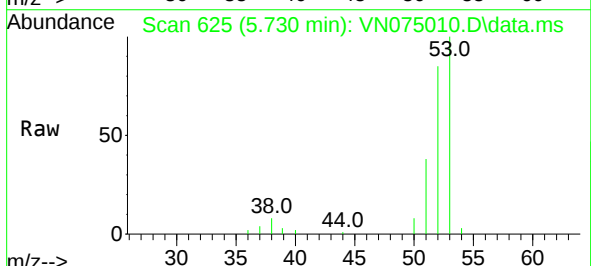
Tgt Ion: 53 Resp: 59475

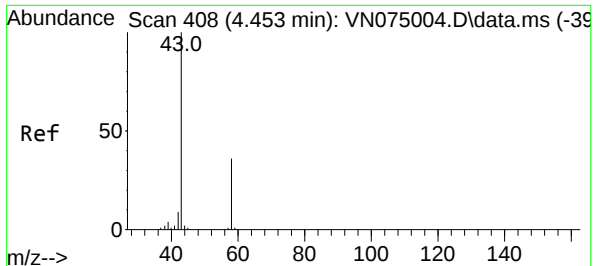
Ion Ratio Lower Upper

53 100

52 85.0 41.8 125.4

51 36.7 19.0 57.0





#15

Acetone

Concen: 112.389 ug/l

RT: 4.441 min Scan# 406

Delta R.T. -0.012 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

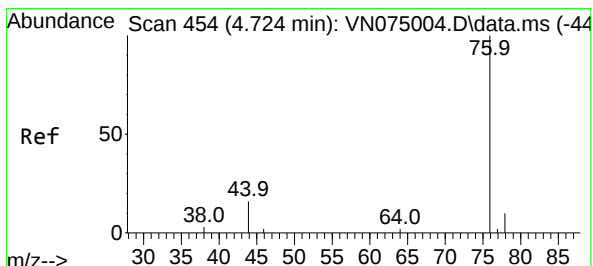
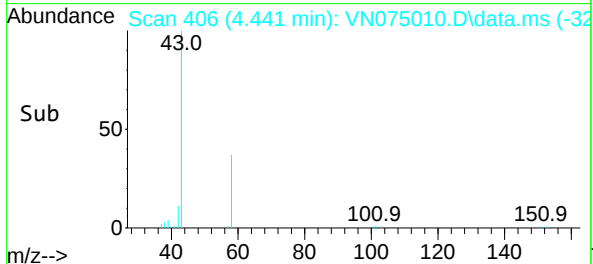
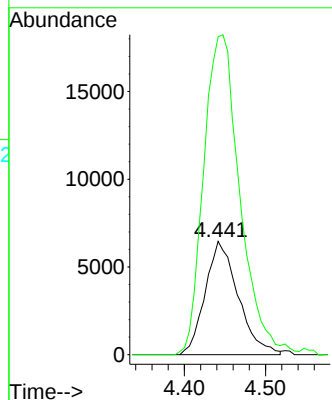
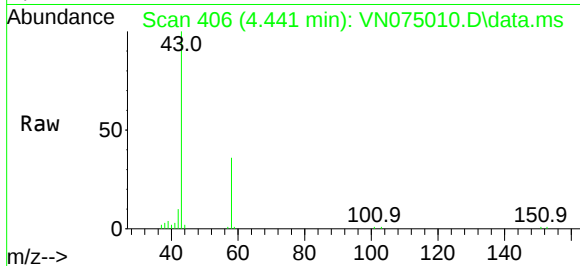
ClientSampleId :

Tgt Ion: 58 Resp: 18290

Ion Ratio Lower Upper

58 100

43 277.9 256.6 384.8



#16

Carbon Disulfide

Concen: 20.385 ug/l

RT: 4.718 min Scan# 453

Delta R.T. -0.006 min

Lab File: VN075010.D

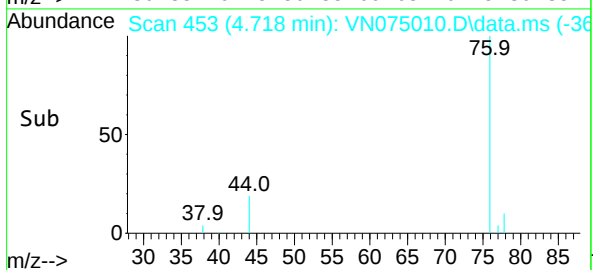
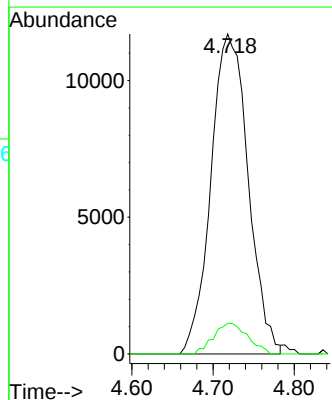
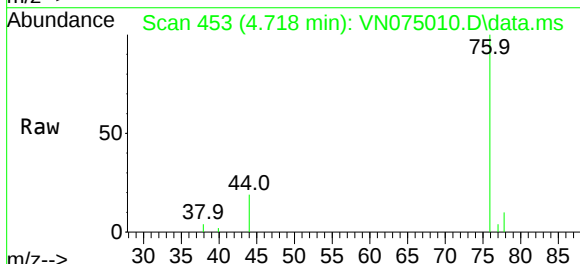
Acq: 25 Oct 2022 16:18

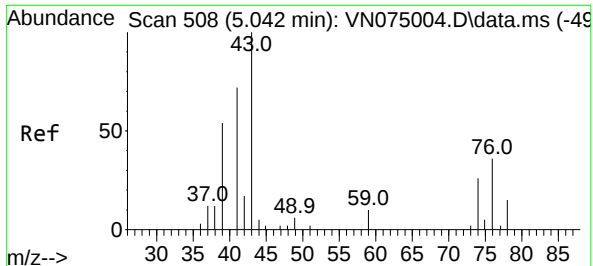
Tgt Ion: 76 Resp: 37349

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.8





#17

Allyl chloride

Concen: 22.654 ug/l

RT: 5.030 min Scan# 508

Delta R.T. -0.012 min

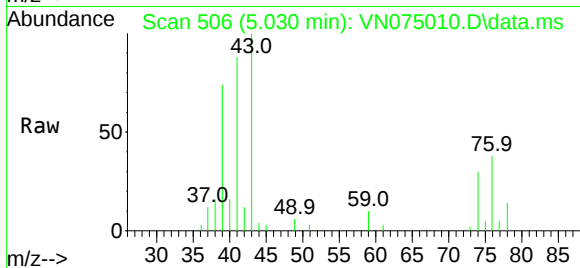
Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

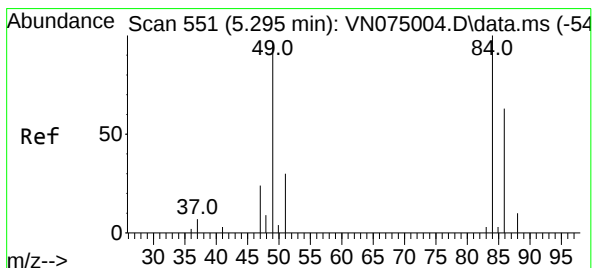
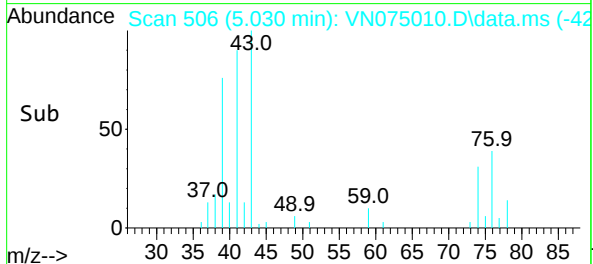
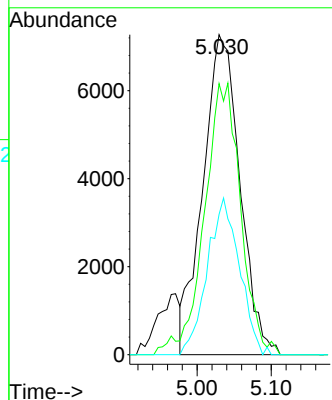
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	25264
Ion Ratio	Lower	Upper	
41	100		
39	84.7	44.6	134.0
76	43.8	19.6	58.7



#18

Methylene Chloride

Concen: 12.648 ug/l

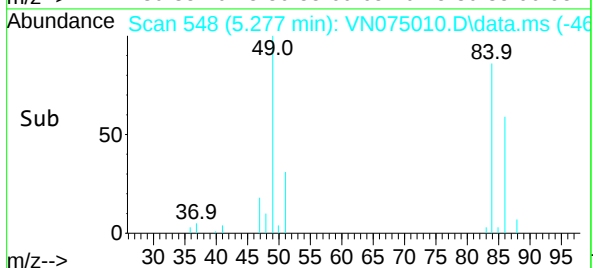
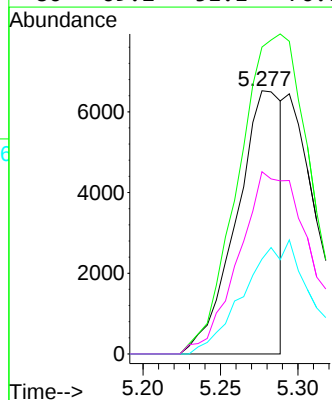
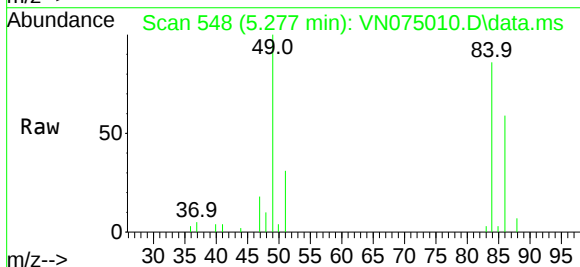
RT: 5.277 min Scan# 548

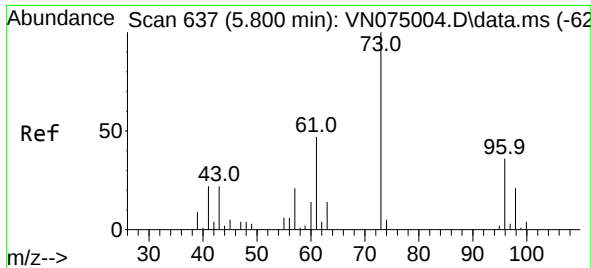
Delta R.T. -0.018 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

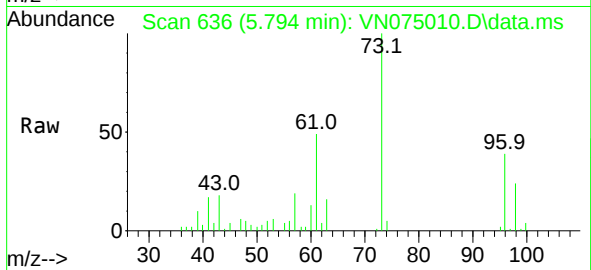
Tgt Ion:	84	Resp:	13188
Ion Ratio	Lower	Upper	
84	100		
49	116.6	91.4	137.0
51	36.0	29.4	44.0
86	69.2	51.1	76.7



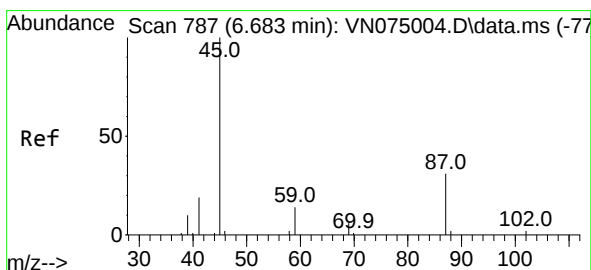
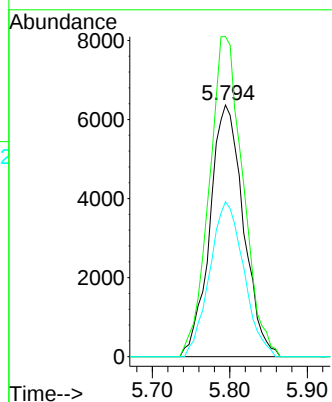
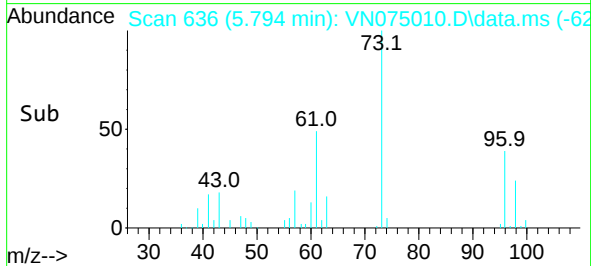


#19
trans-1,2-Dichloroethene
Concen: 20.736 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

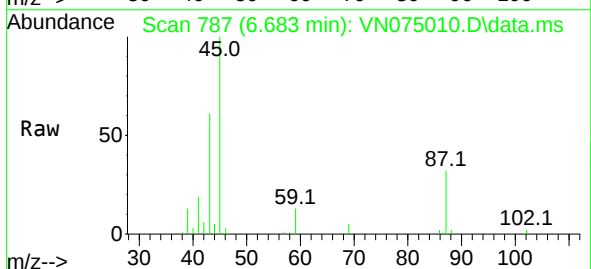
Instrument :
MSVOA_N
ClientSampleId :



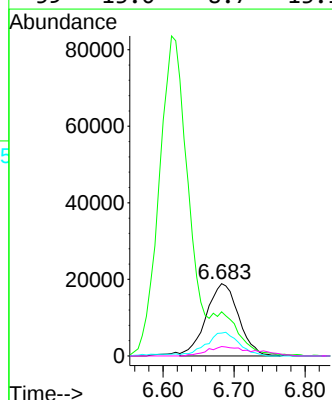
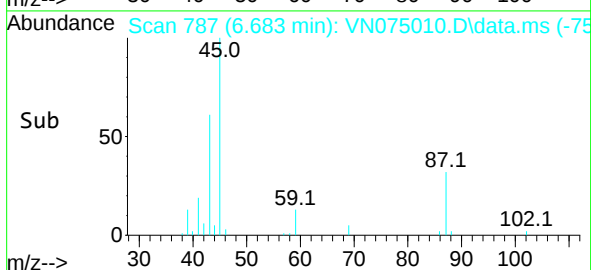
Tgt Ion: 96 Resp: 19187
Ion Ratio Lower Upper
96 100
61 127.1 102.8 154.2
98 61.6 49.3 73.9

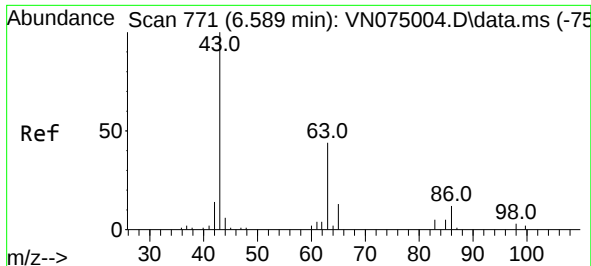


#20
Diisopropyl ether
Concen: 20.690 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18



Tgt Ion: 45 Resp: 59888
Ion Ratio Lower Upper
45 100
43 59.0 51.0 76.4
87 31.6 25.0 37.4
59 13.0 8.7 13.1

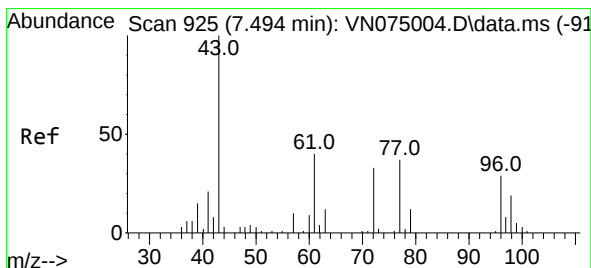
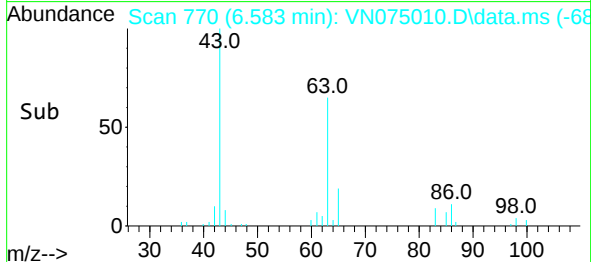
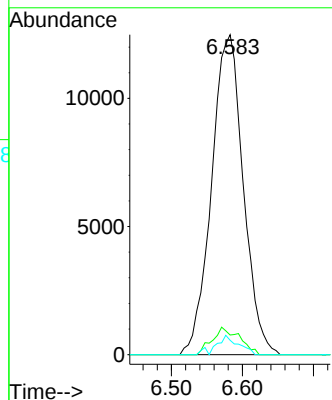
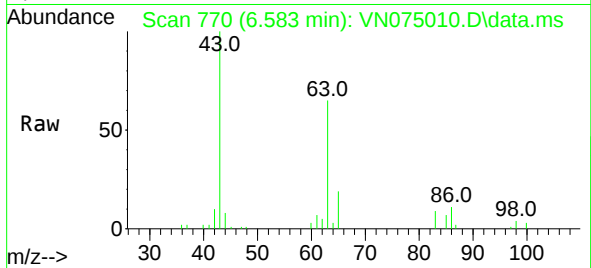




#21
1,1-Dichloroethane
Concen: 21.545 ug/l
RT: 6.583 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

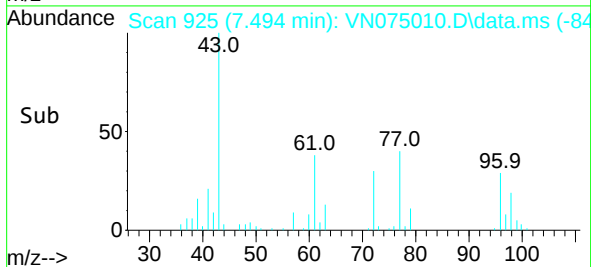
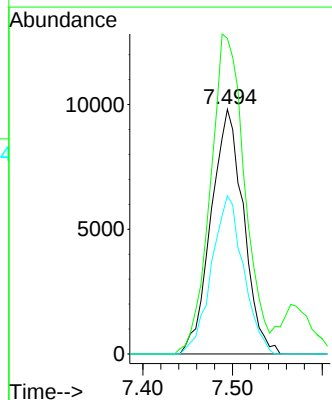
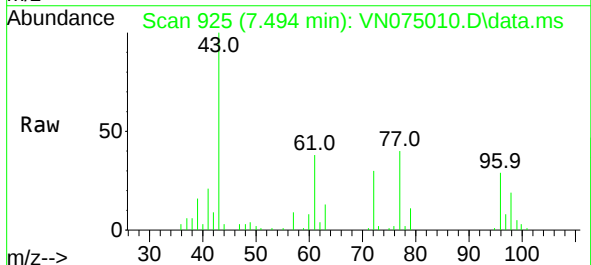
Instrument :
MSVOA_N
ClientSampleId :

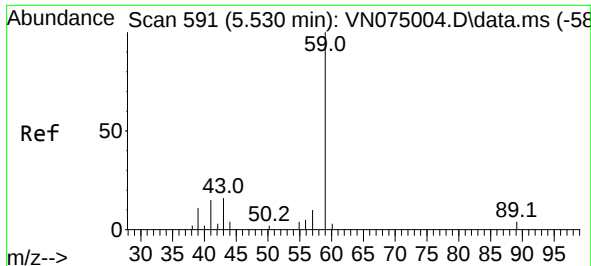
Tgt Ion: 63 Resp: 38731
Ion Ratio Lower Upper
63 100
98 6.2 3.2 9.6
100 4.5 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 21.099 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 96 Resp: 24667
Ion Ratio Lower Upper
96 100
61 137.9 115.7 173.5
98 63.5 51.6 77.4

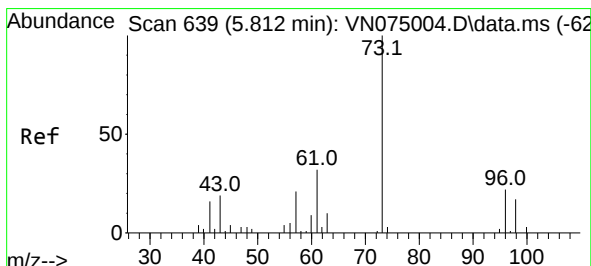
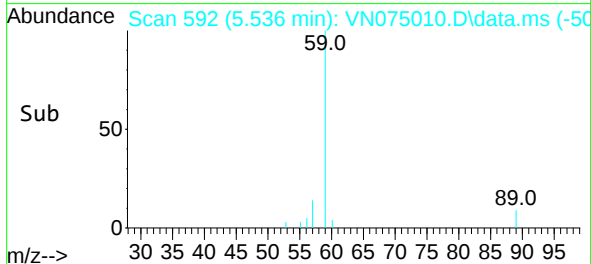
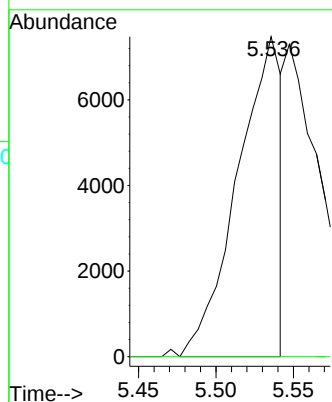
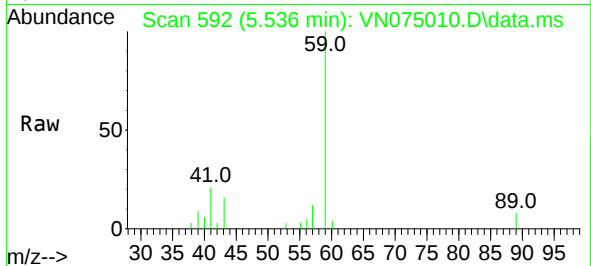




#23
tert-Butyl Alcohol
Concen: 54.628 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

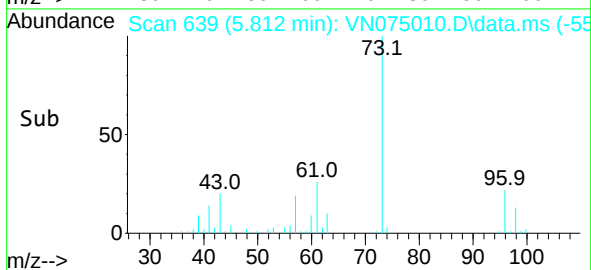
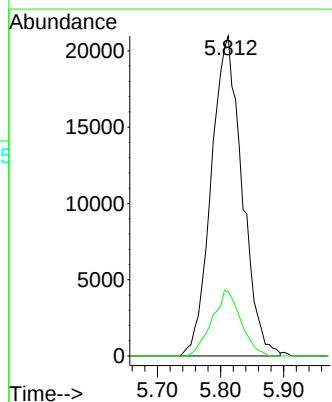
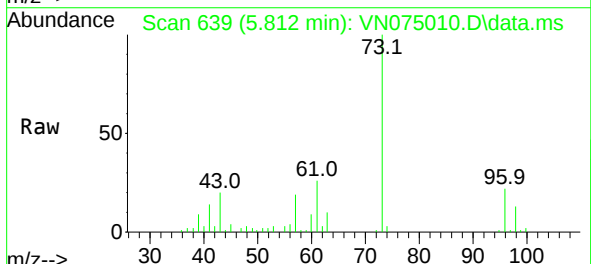
Instrument :
MSVOA_N
ClientSampleId :

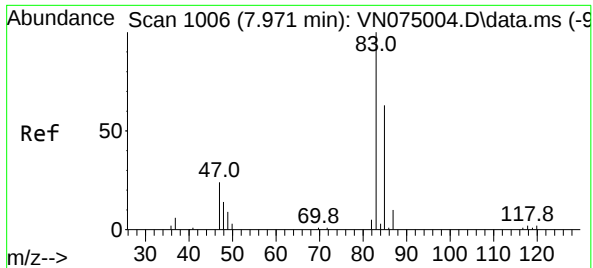
Tgt Ion: 59 Resp: 14730
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.932 ug/l
RT: 5.812 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 73 Resp: 71252
Ion Ratio Lower Upper
73 100
43 19.2 18.1 27.1

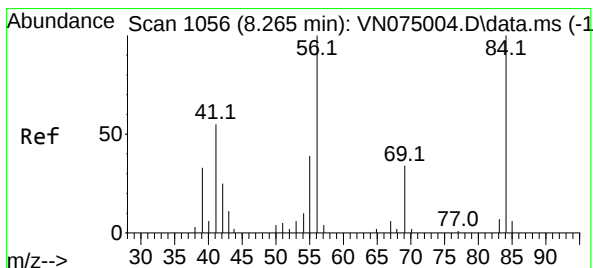
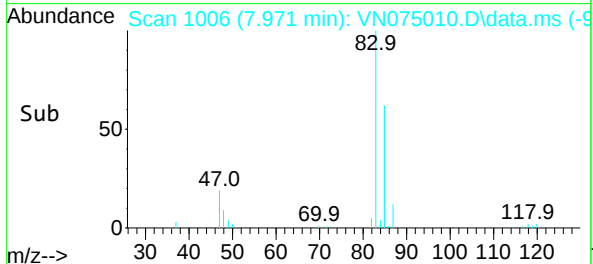
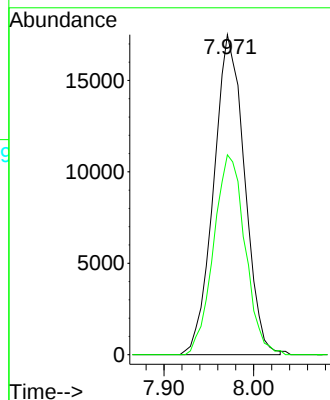
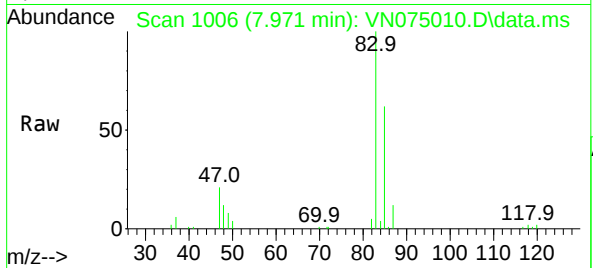




#25
Chloroform
Concen: 21.033 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

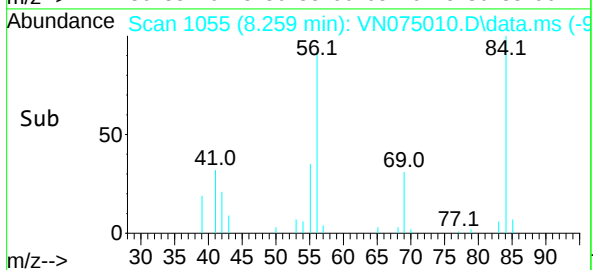
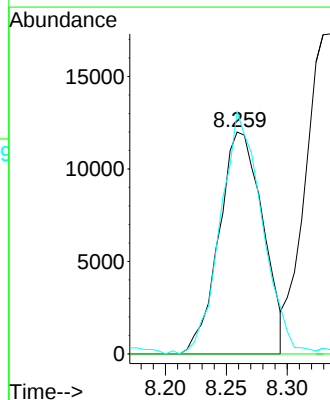
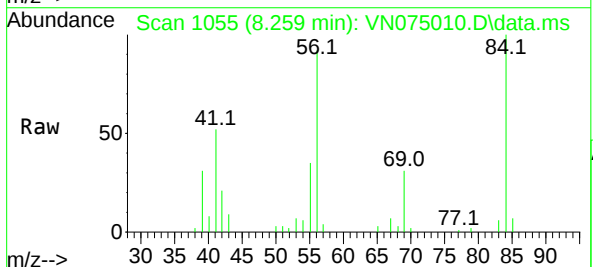
Instrument :
MSVOA_N
ClientSampleId :

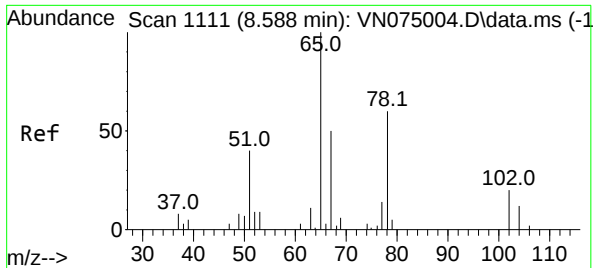
Tgt Ion: 83 Resp: 41772
Ion Ratio Lower Upper
83 100
85 62.4 51.3 76.9



#26
Cyclohexane
Concen: 20.788 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 56 Resp: 30020
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 103.2 74.6 111.8

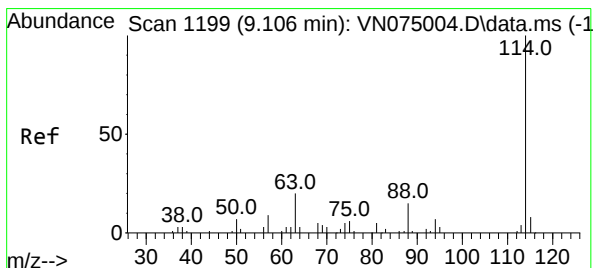
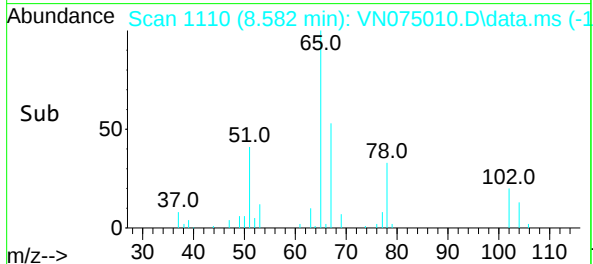
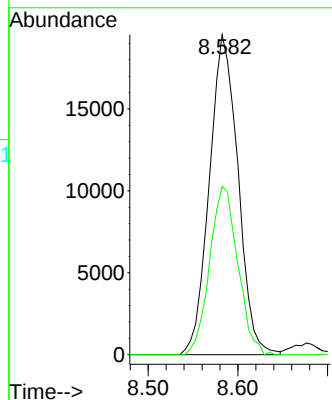
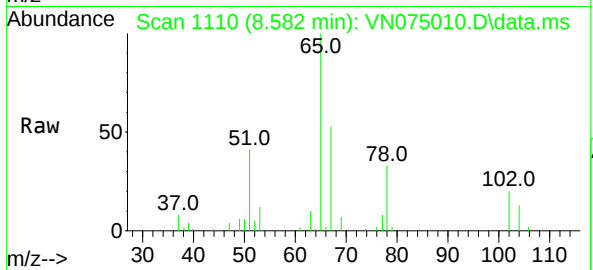




#27
1,2-Dichloroethane-d4
Concen: 32.590 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

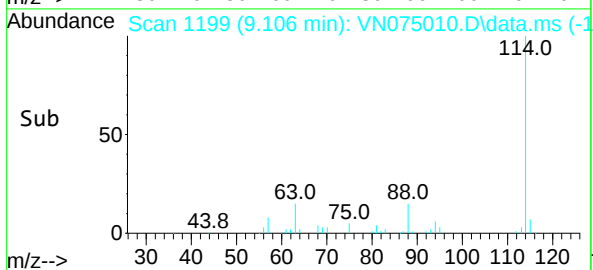
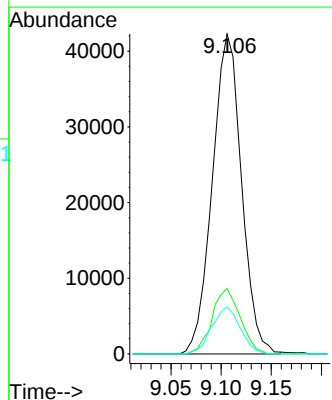
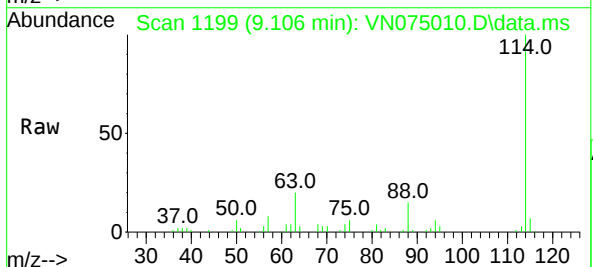
Instrument :
MSVOA_N
ClientSampleId :

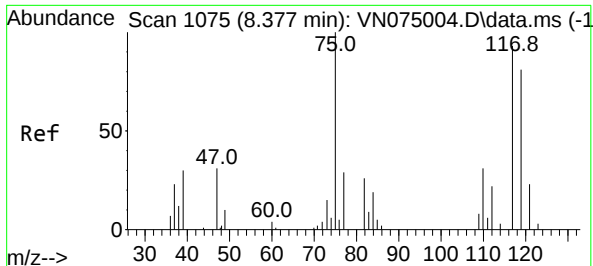
Tgt Ion: 65 Resp: 43288
Ion Ratio Lower Upper
65 100
67 51.5 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 114 Resp: 85381
Ion Ratio Lower Upper
114 100
63 19.7 15.8 23.6
88 14.3 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.443 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

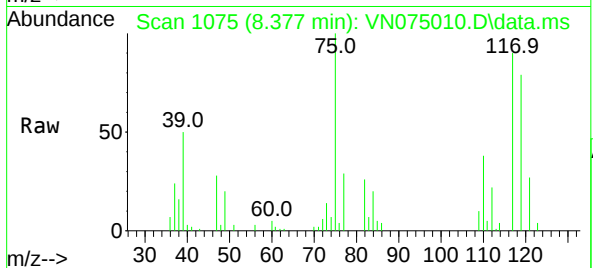
Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :



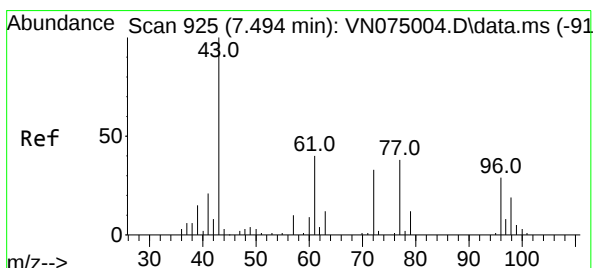
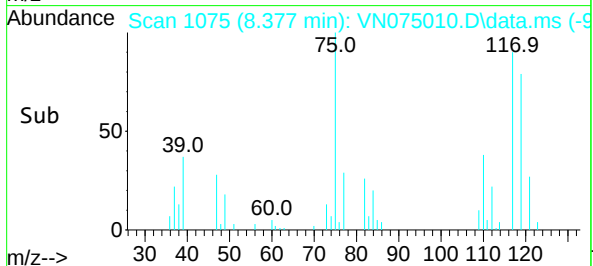
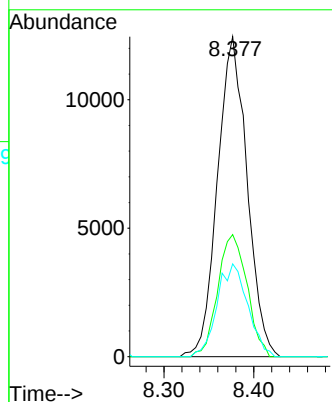
Tgt Ion: 75 Resp: 28475

Ion Ratio Lower Upper

75 100

110 37.7 0.0 74.2

77 30.0 0.0 63.2



#30

2-Butanone

Concen: 101.280 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

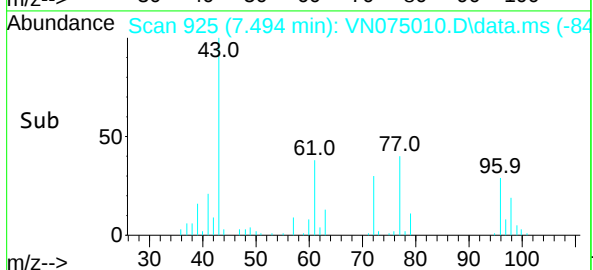
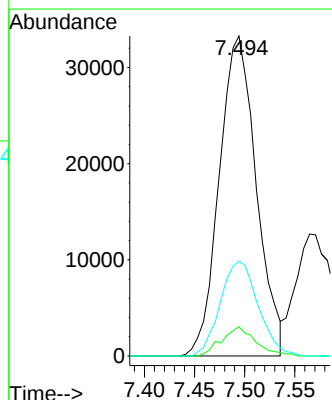
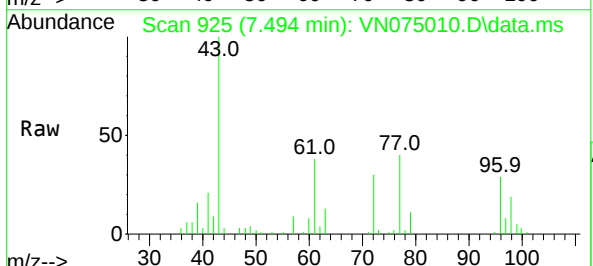
Tgt Ion: 43 Resp: 85505

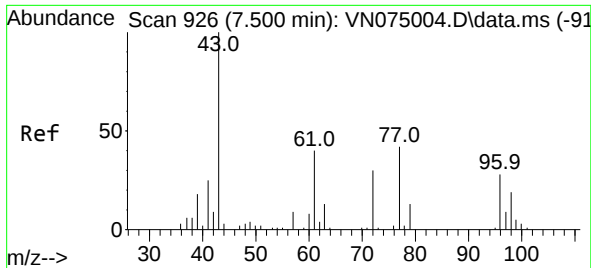
Ion Ratio Lower Upper

43 100

57 8.4 6.7 10.1

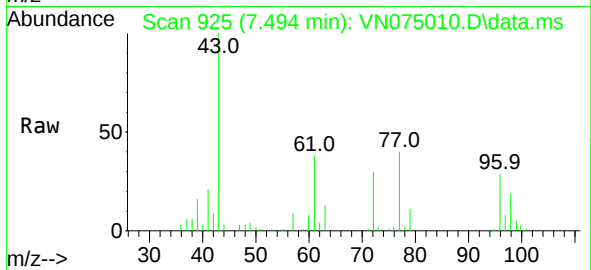
72 30.3 23.2 34.8



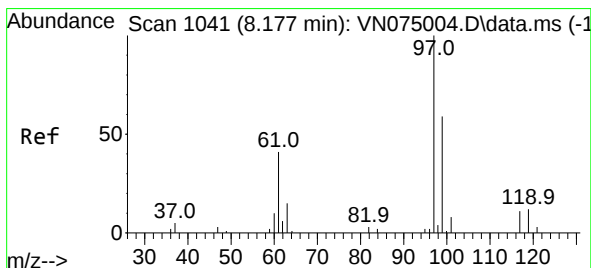
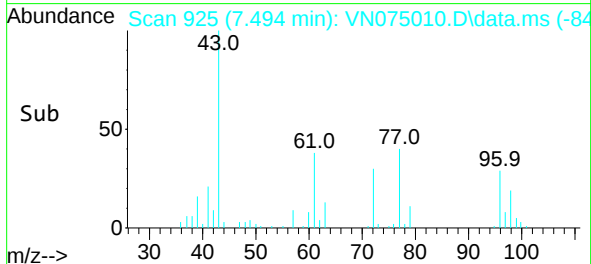
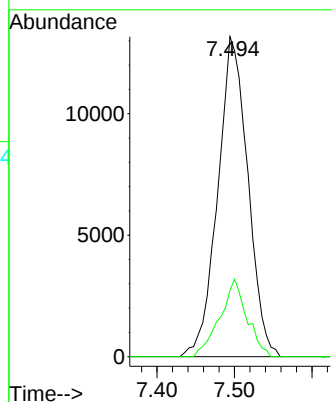


#31
2,2-Dichloropropane
Concen: 19.872 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Instrument :
MSVOA_N
ClientSampleId :

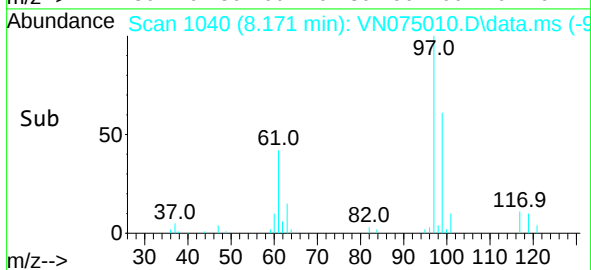
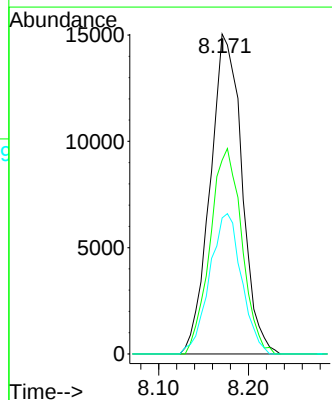
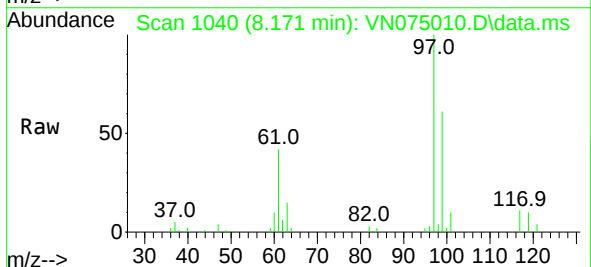


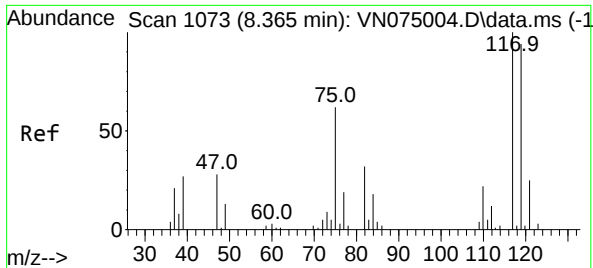
Tgt Ion: 77 Resp: 35550
Ion Ratio Lower Upper
77 100
97 21.8 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.483 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

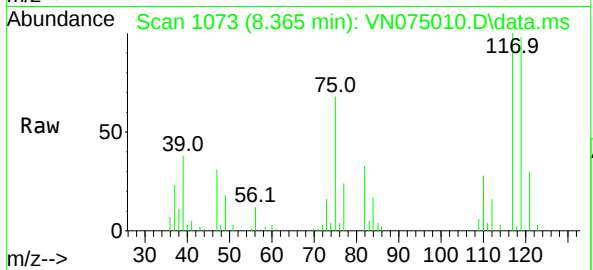
Tgt Ion: 97 Resp: 36955
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 44.2 34.6 51.8



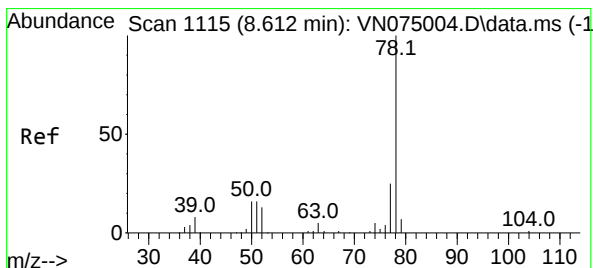
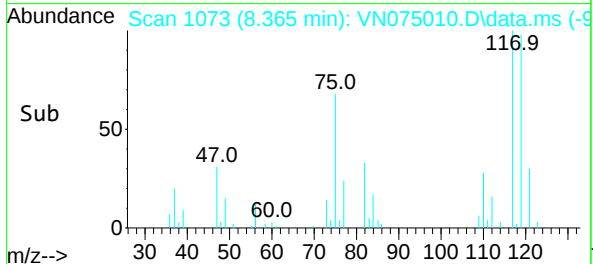
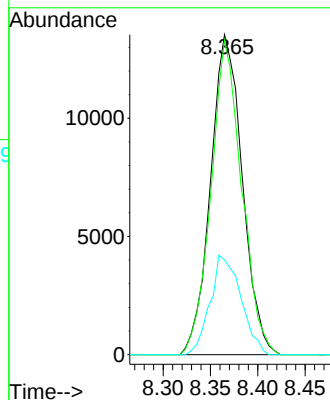


#33
Carbon Tetrachloride
Concen: 18.945 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Instrument :
MSVOA_N
ClientSampleId :

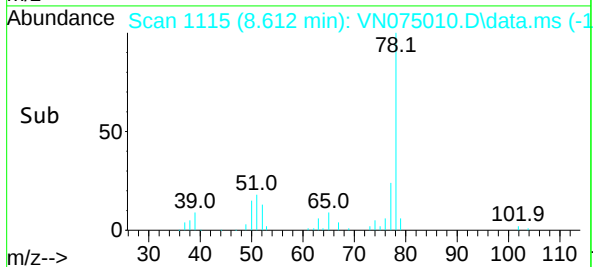
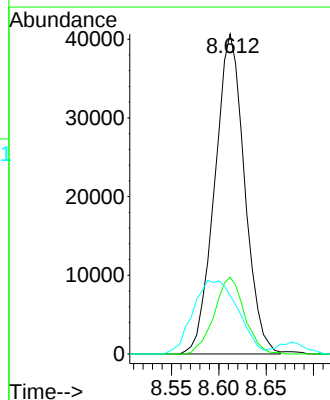
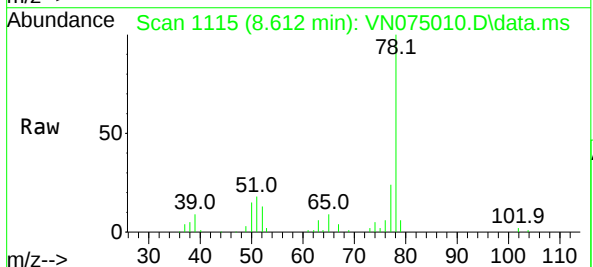


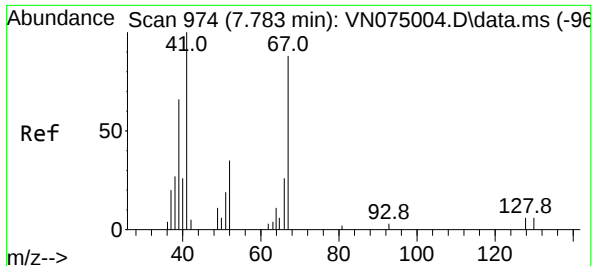
Tgt Ion:117 Resp: 31640
Ion Ratio Lower Upper
117 100
119 98.3 77.5 116.3
121 29.6 23.5 35.3



#34
Benzene
Concen: 19.840 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 78 Resp: 88829
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 15.2 16.0 24.0#





#35

Methacrylonitrile

Concen: 19.742 ug/l

RT: 7.788 min Scan# 91

Delta R.T. 0.006 min

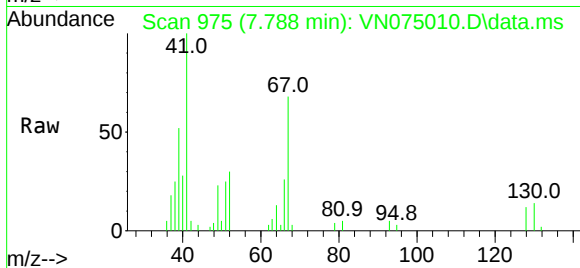
Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41 Resp: 15975

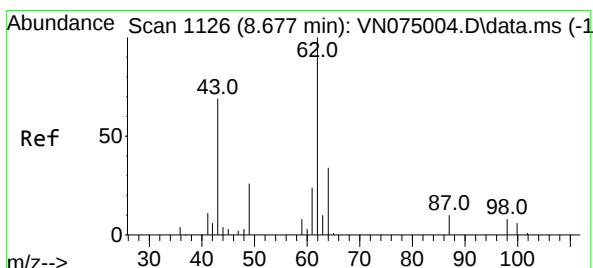
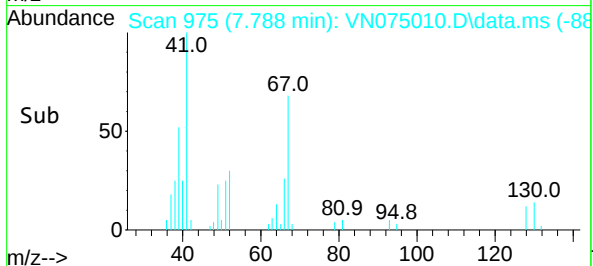
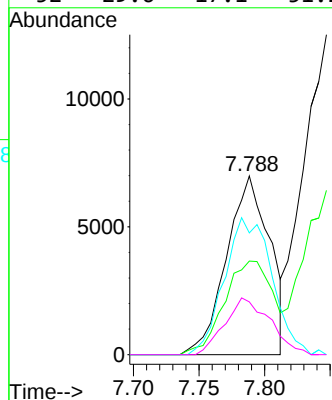
Ion Ratio Lower Upper

41 100

39 52.3 28.0 83.9

67 68.1 37.7 113.1

52 29.6 17.1 51.2



#36

1,2-Dichloroethane

Concen: 20.263 ug/l

RT: 8.671 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN075010.D

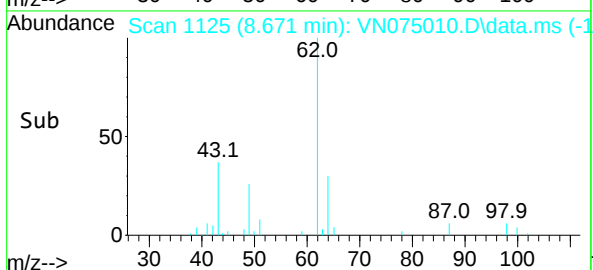
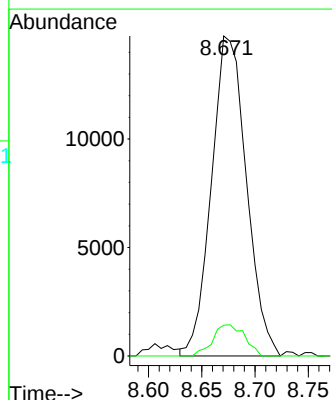
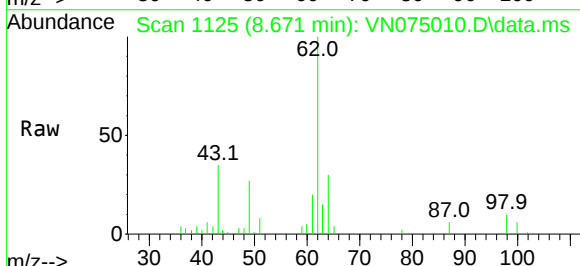
Acq: 25 Oct 2022 16:18

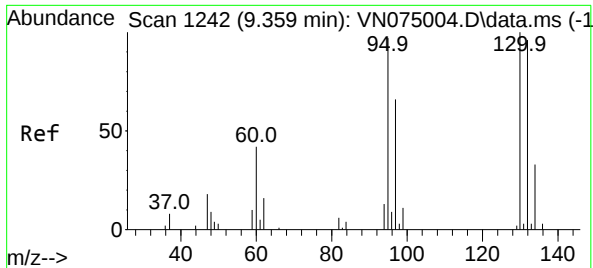
Tgt Ion: 62 Resp: 33617

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0

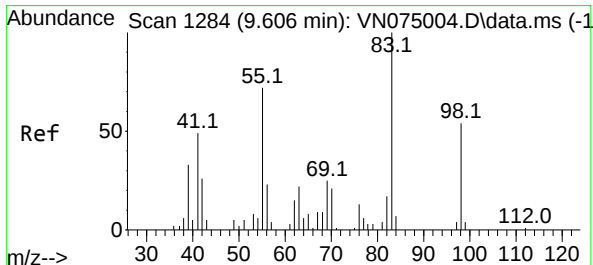
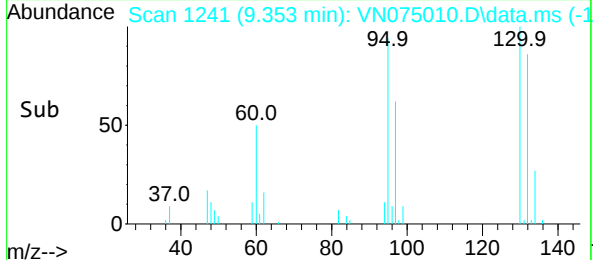
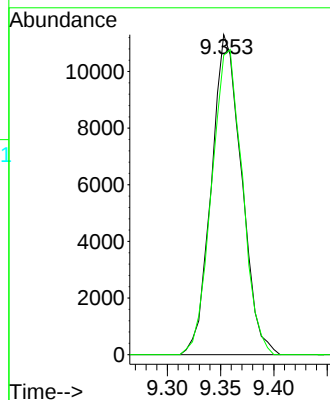
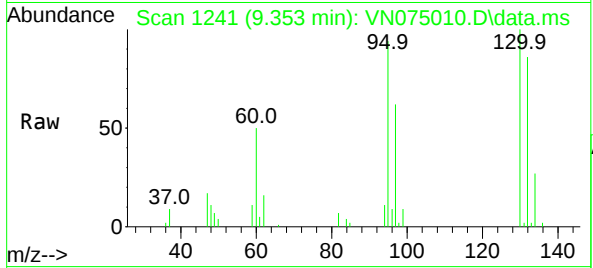




#37
Trichloroethene
Concen: 19.994 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

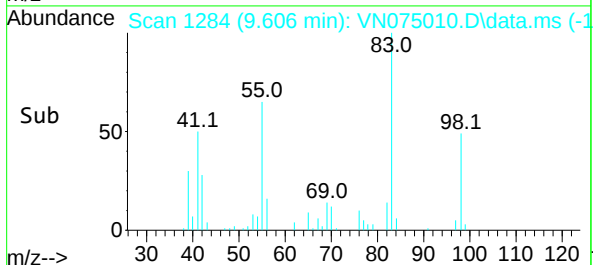
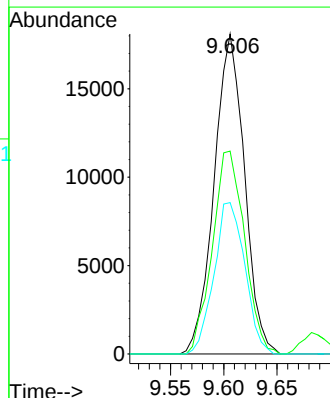
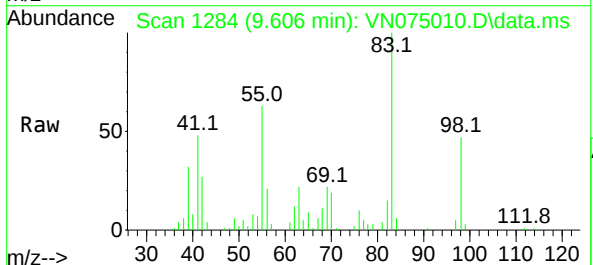
Instrument :
MSVOA_N
ClientSampleId :

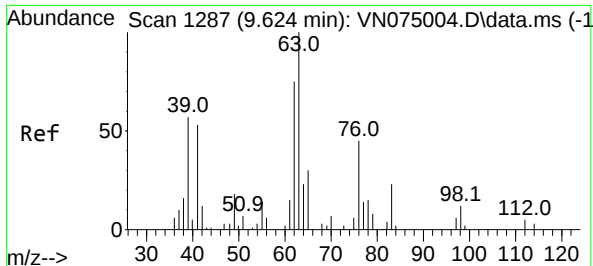
Tgt Ion:130 Resp: 22245
Ion Ratio Lower Upper
130 100
95 93.6 76.6 115.0



#38
Methylcyclohexane
Concen: 19.751 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 83 Resp: 35866
Ion Ratio Lower Upper
83 100
55 67.2 35.1 105.3
98 48.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.265 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

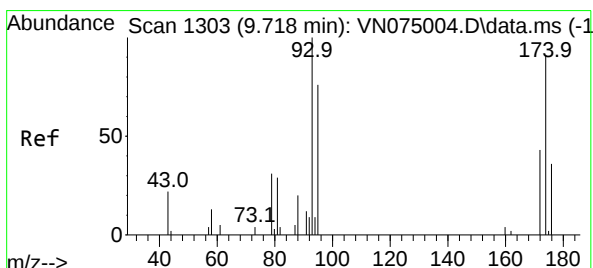
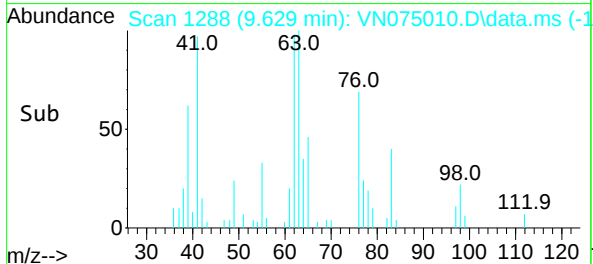
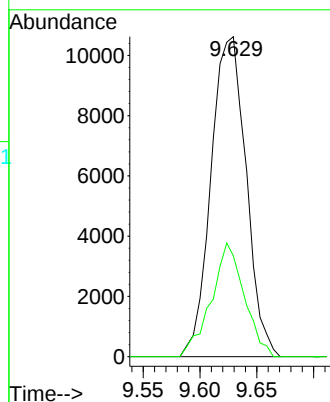
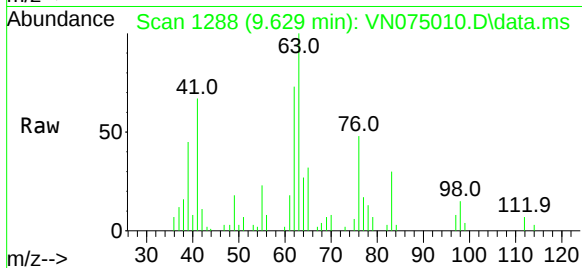
ClientSampleId :

Tgt Ion: 63 Resp: 22841

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.4



#40

Dibromomethane

Concen: 19.667 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

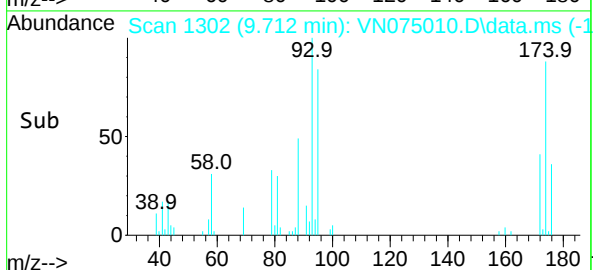
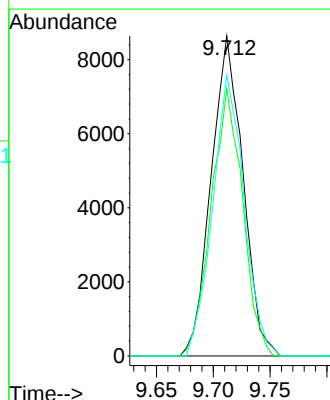
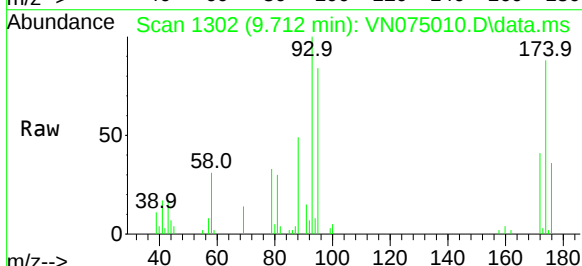
Tgt Ion: 93 Resp: 16818

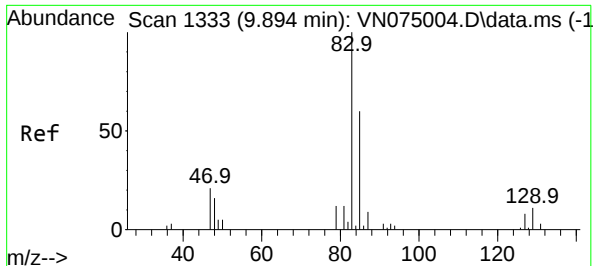
Ion Ratio Lower Upper

93 100

95 82.6 0.0 168.8

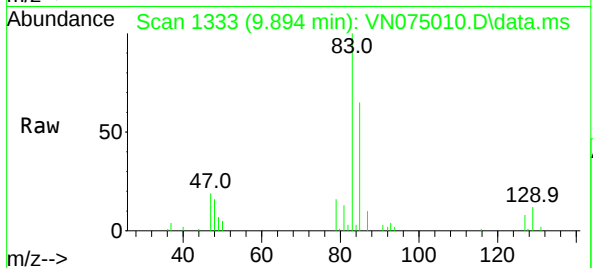
174 86.9 0.0 173.6



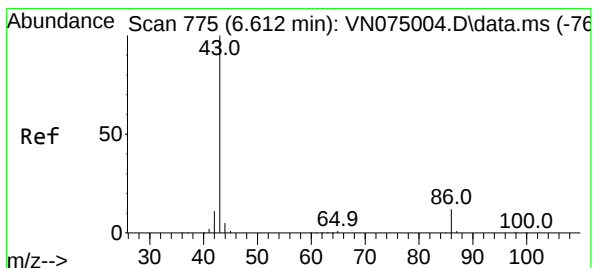
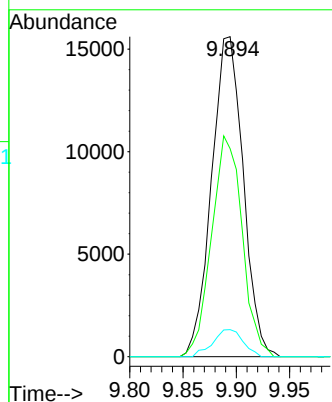
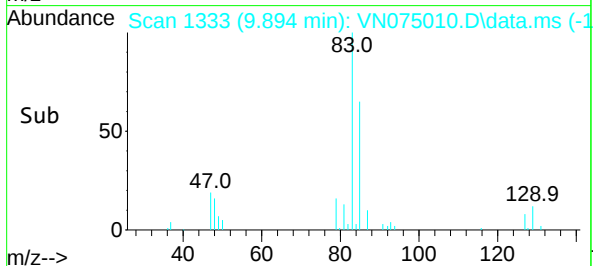


#41
Bromodichloromethane
Concen: 19.359 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Instrument :
MSVOA_N
ClientSampleId :

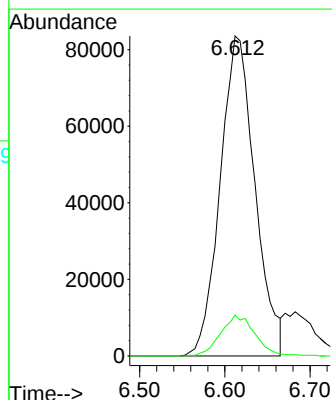
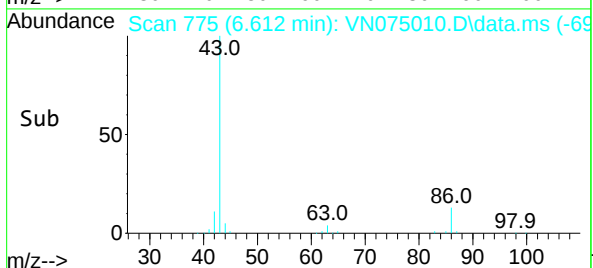
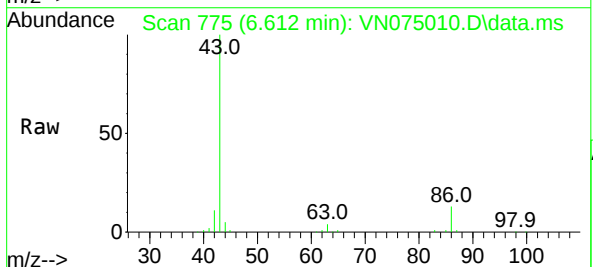


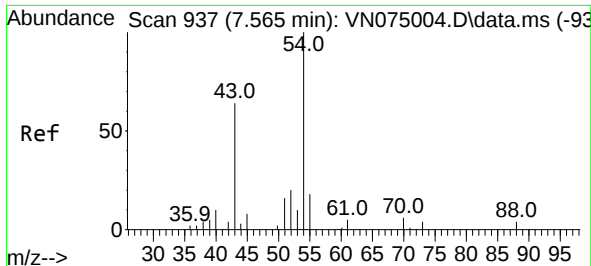
Tgt Ion: 83 Resp: 32230
Ion Ratio Lower Upper
83 100
85 65.0 54.1 81.1
127 9.5 7.6 11.4



#42
Vinyl Acetate
Concen: 99.772 ug/l
RT: 6.612 min Scan# 775
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 43 Resp: 237261
Ion Ratio Lower Upper
43 100
86 12.6 7.5 11.3#

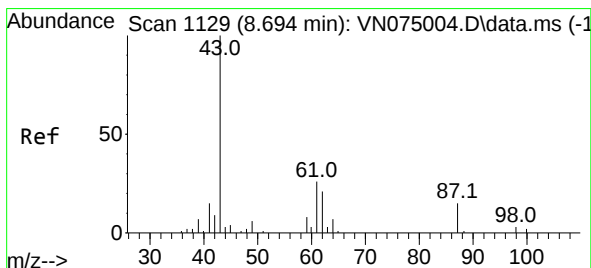
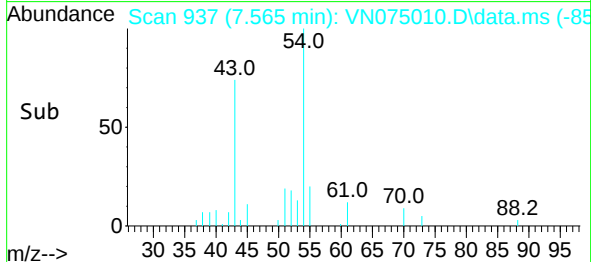
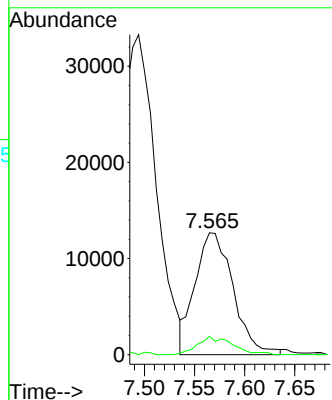
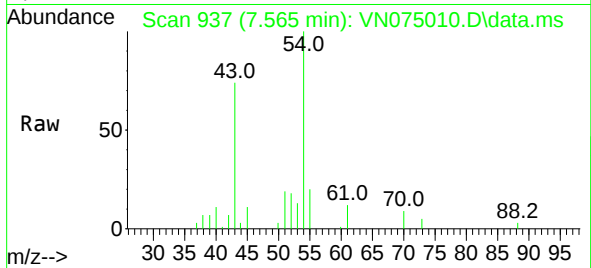




#43
Ethyl Acetate
Concen: 20.041 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

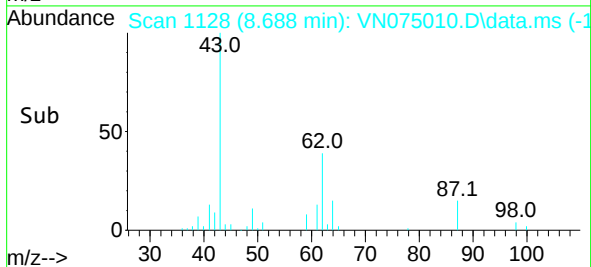
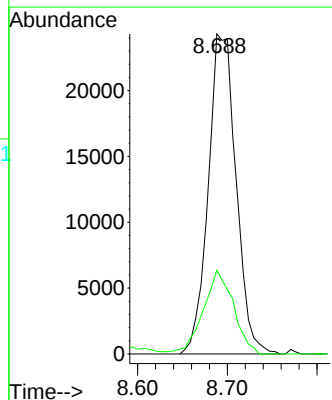
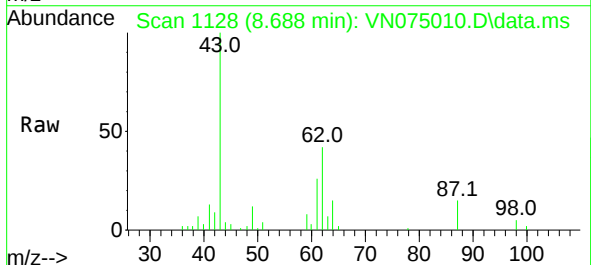
Instrument :
MSVOA_N
ClientSampleId :

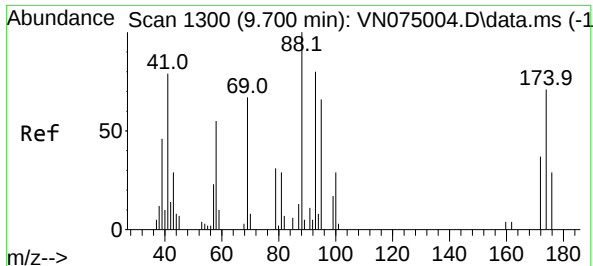
Tgt Ion: 43 Resp: 33438
Ion Ratio Lower Upper
43 100
45 7.3 10.6 16.0#



#44
Isopropyl Acetate
Concen: 19.544 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 43 Resp: 52306
Ion Ratio Lower Upper
43 100
61 28.5 20.1 30.1





#45

1,4-Dioxane

Concen: 395.856 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

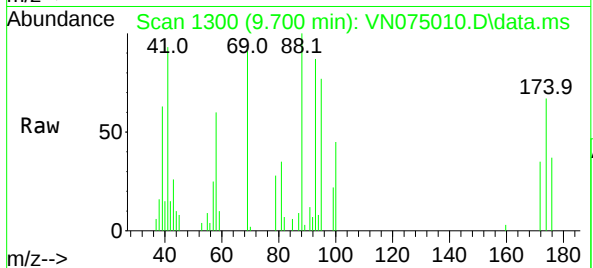
Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :



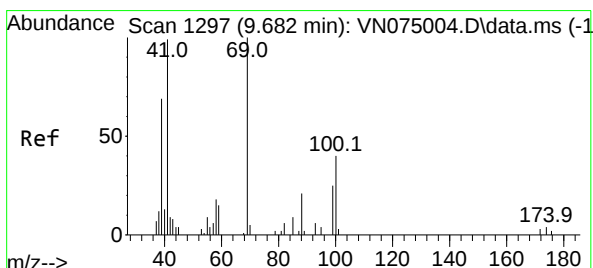
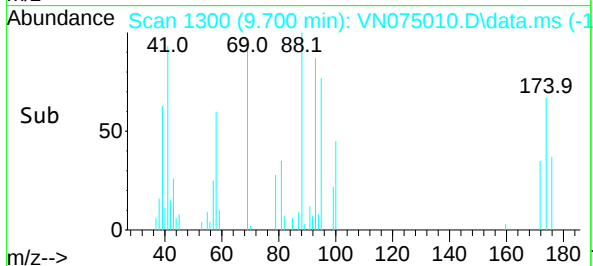
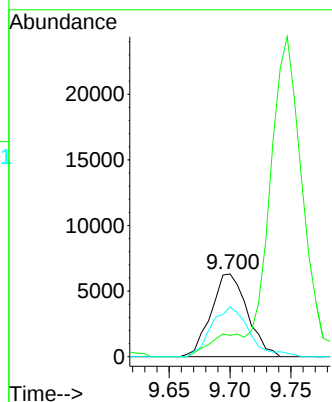
Tgt Ion: 88 Resp: 13040

Ion Ratio Lower Upper

88 100

43 26.5 25.0 37.6

58 62.9 49.4 74.2



#46

Methyl methacrylate

Concen: 19.703 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

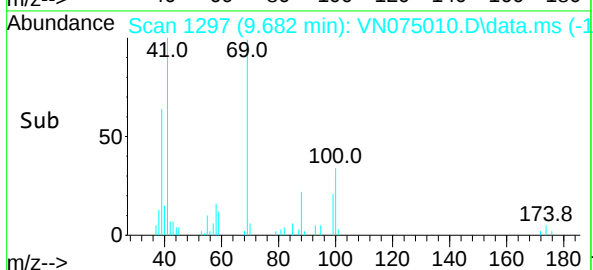
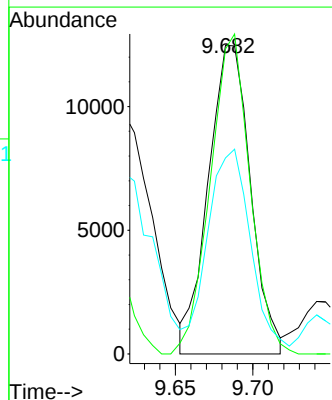
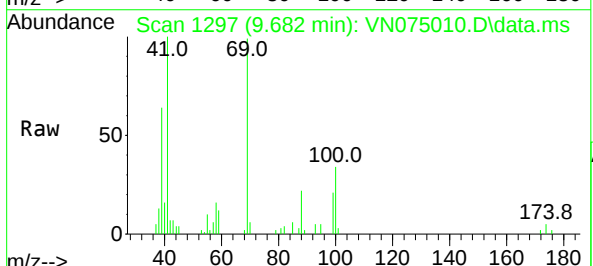
Tgt Ion: 41 Resp: 23655

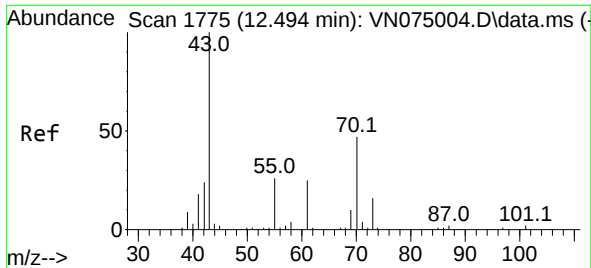
Ion Ratio Lower Upper

41 100

69 100.7 44.4 133.2

39 61.9 39.9 119.6

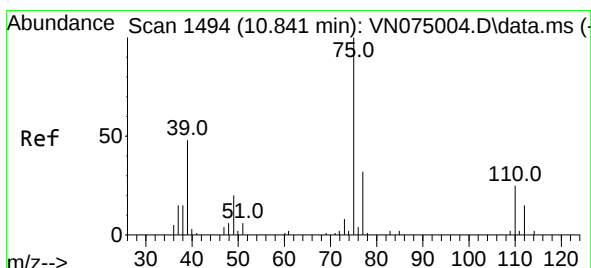
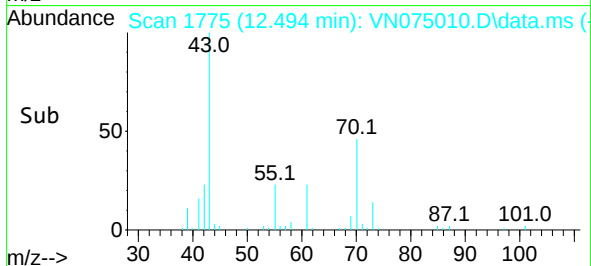
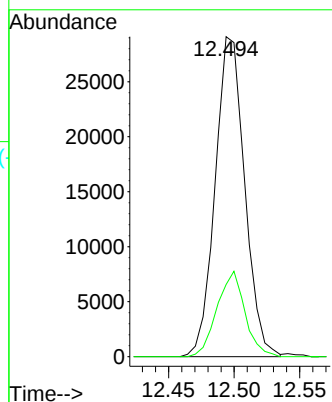
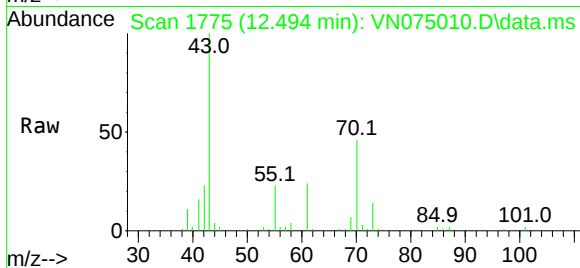




#47
n-amyl acetate
Concen: 19.803 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

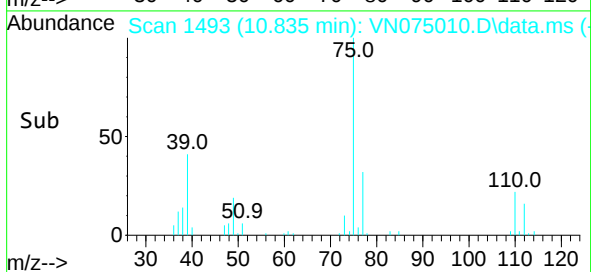
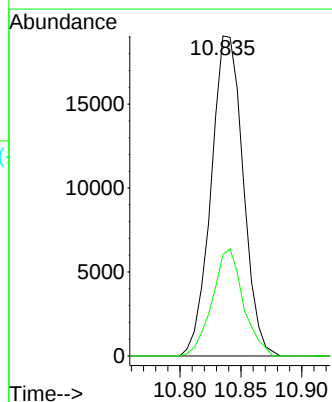
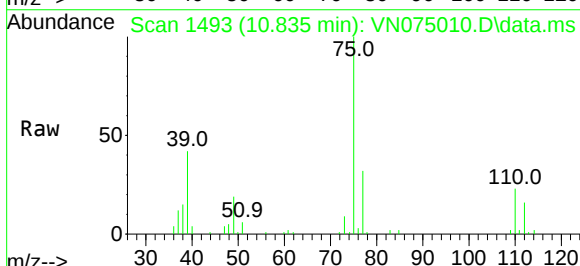
Instrument :
MSVOA_N
ClientSampleId :

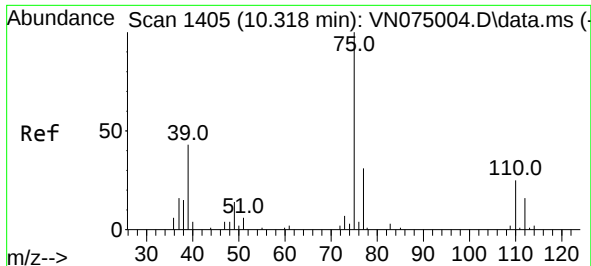
Tgt Ion: 43 Resp: 45530
Ion Ratio Lower Upper
43 100
55 25.2 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 19.154 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 75 Resp: 34837
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 19.208 ug/l

RT: 10.312 min Scan# 1404

Delta R.T. -0.006 min

Lab File: VN075010.D

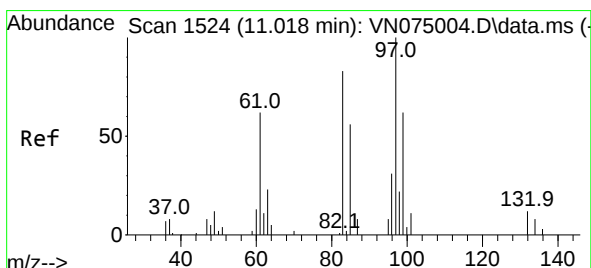
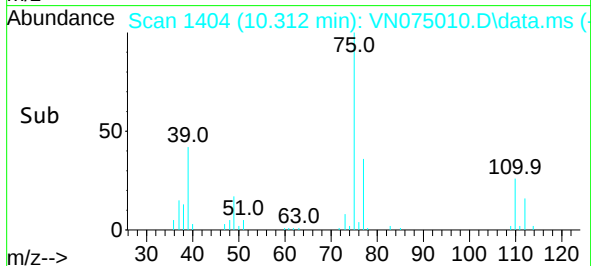
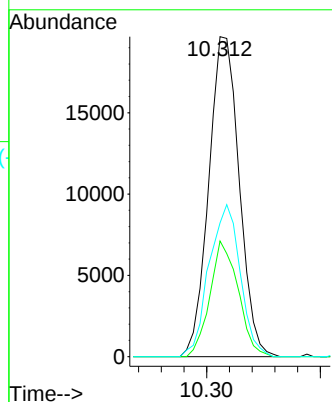
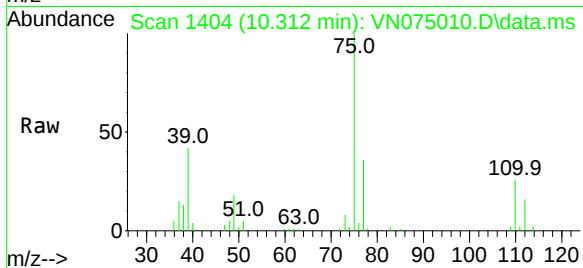
Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 36719
Ion Ratio	Lower Upper
75 100	
77 36.2	25.3 37.9
39 41.8	46.2 69.4#



#50

1,1,2-Trichloroethane

Concen: 20.045 ug/l

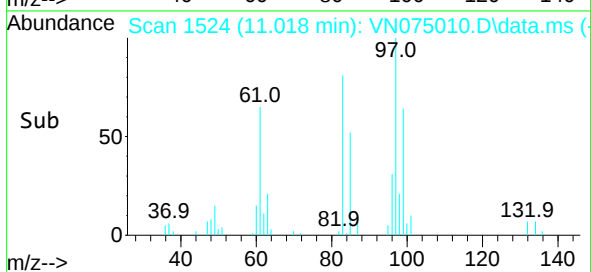
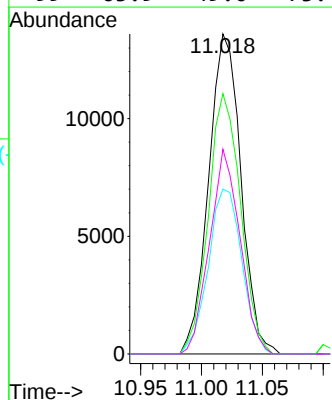
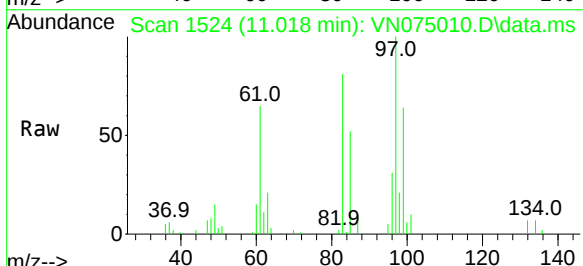
RT: 11.018 min Scan# 1524

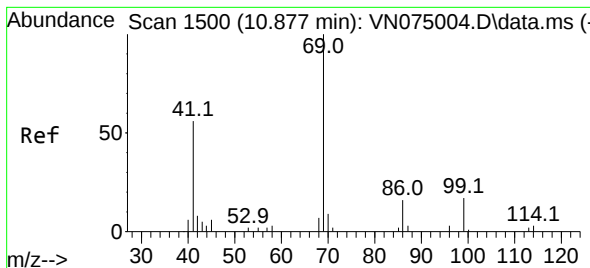
Delta R.T. -0.000 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Tgt Ion: 97	Resp: 25113
Ion Ratio	Lower Upper
97 100	
83 81.4	67.2 100.8
85 51.6	43.0 64.4
99 63.9	49.0 73.4





#51

Ethyl methacrylate

Concen: 18.972 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. -0.000 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :

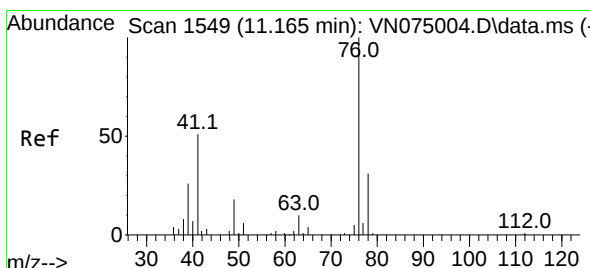
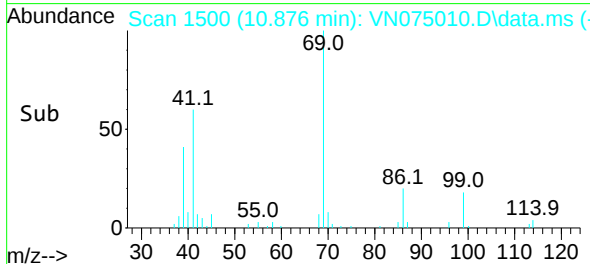
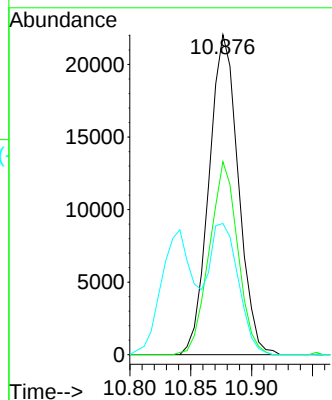
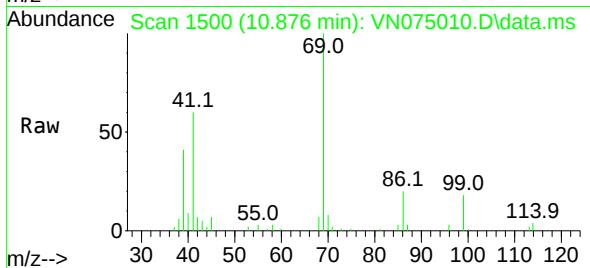
Tgt Ion: 69 Resp: 37032

Ion Ratio Lower Upper

69 100

41 60.3 33.0 98.9

39 41.0 25.4 76.4



#52

1,3-Dichloropropane

Concen: 19.458 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075010.D

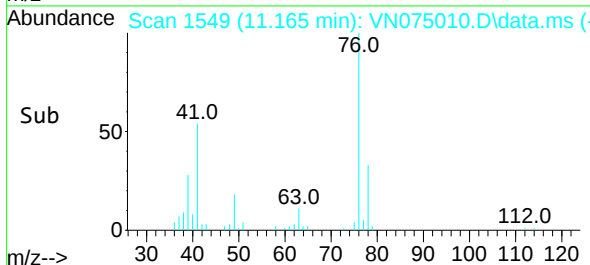
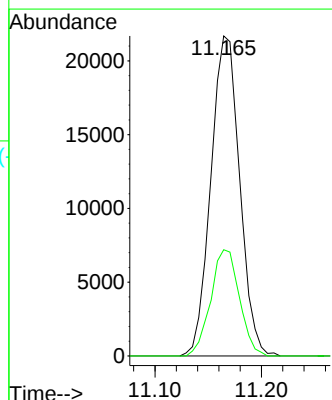
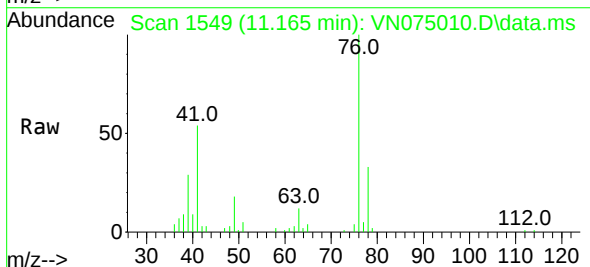
Acq: 25 Oct 2022 16:18

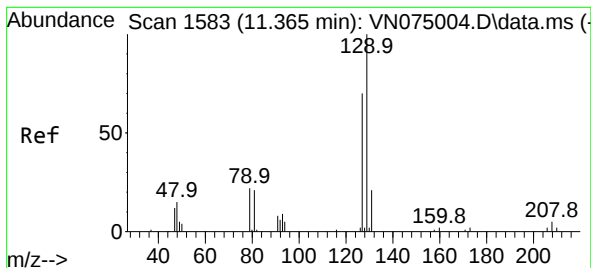
Tgt Ion: 76 Resp: 40771

Ion Ratio Lower Upper

76 100

78 33.0 0.0 65.4





#53

Dibromochloromethane

Concen: 18.534 ug/l

RT: 11.359 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

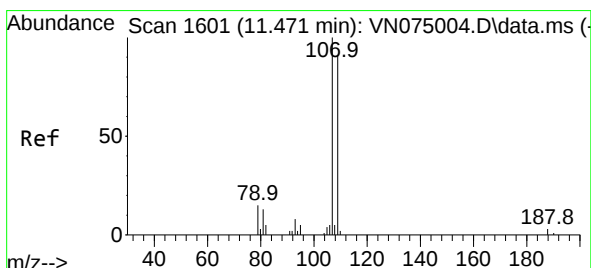
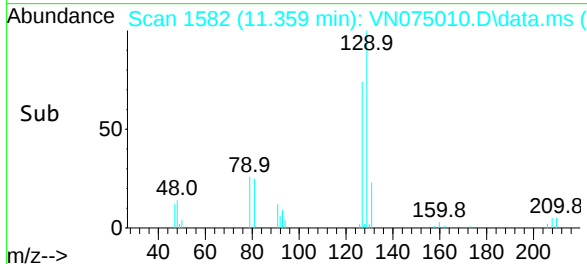
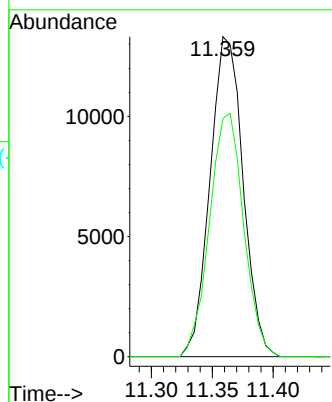
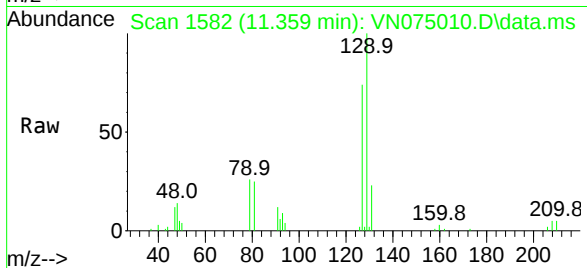
ClientSampleId :

Tgt Ion:129 Resp: 25114

Ion Ratio Lower Upper

129 100

127 78.5 39.0 117.0



#54

1,2-Dibromoethane

Concen: 19.112 ug/l

RT: 11.476 min Scan# 1602

Delta R.T. 0.006 min

Lab File: VN075010.D

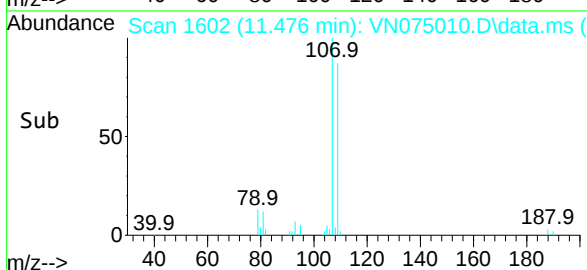
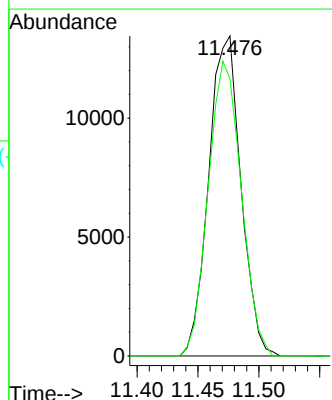
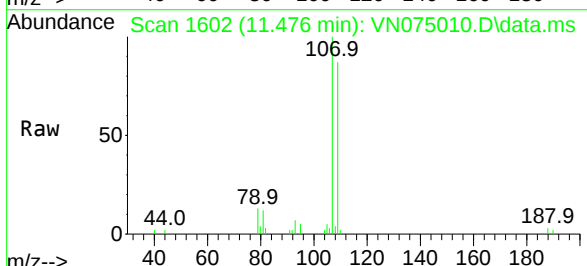
Acq: 25 Oct 2022 16:18

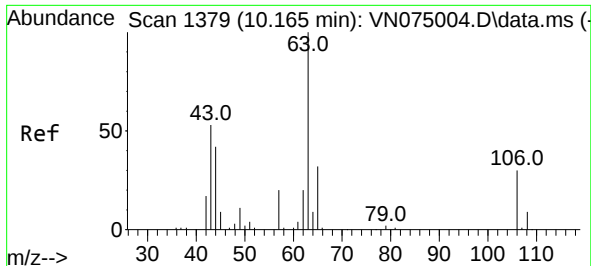
Tgt Ion:107 Resp: 24772

Ion Ratio Lower Upper

107 100

109 94.4 72.8 109.2

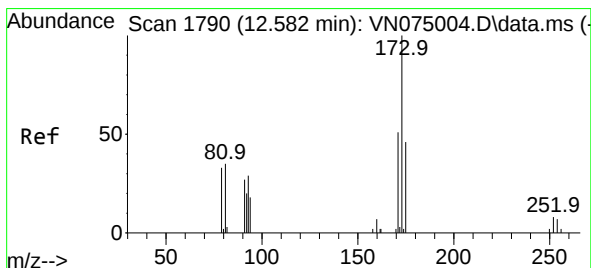
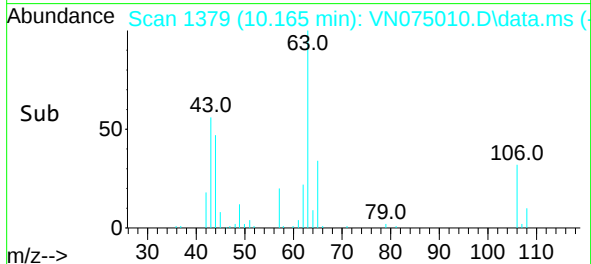
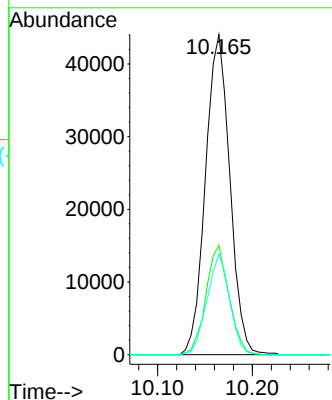
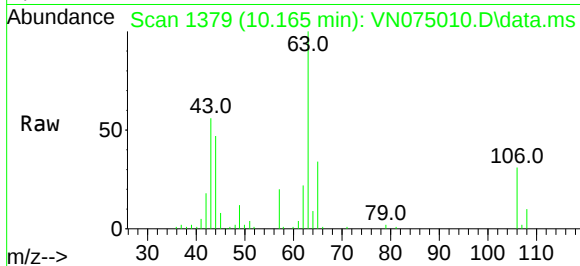




#55
2-Chloroethyl vinyl ether
Concen: 98.762 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

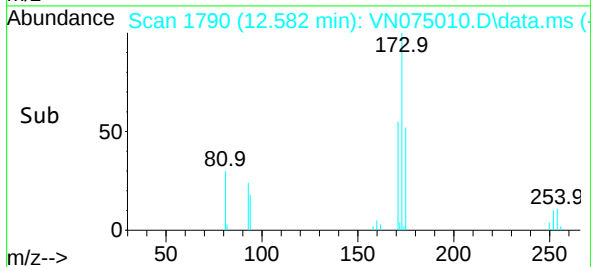
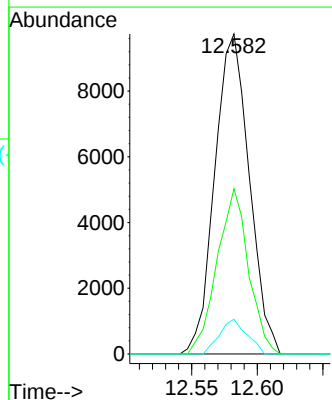
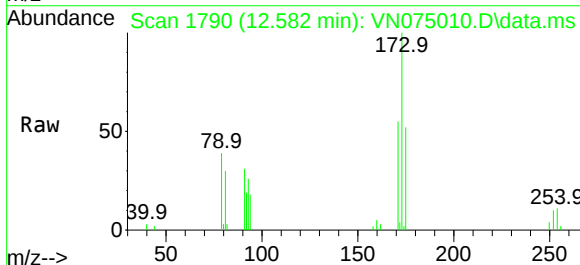
Instrument :
MSVOA_N
ClientSampleId :

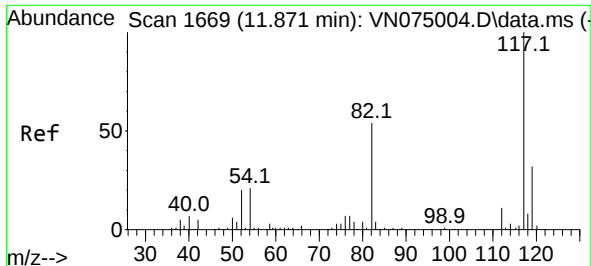
Tgt Ion: 63 Resp: 78760
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 29.2 23.2 34.8



#56
Bromoform
Concen: 17.895 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 173 Resp: 17803
Ion Ratio Lower Upper
173 100
175 47.1 38.6 58.0
254 8.6 0.0 0.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :

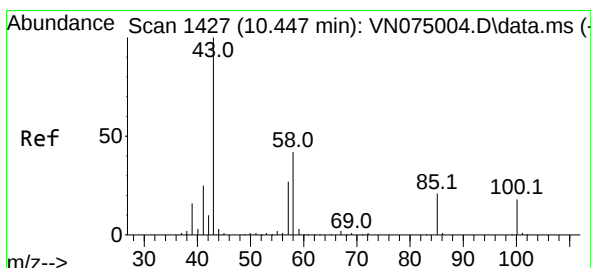
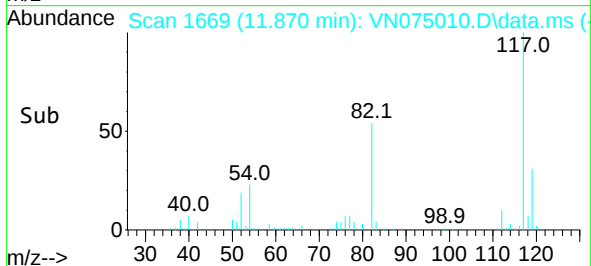
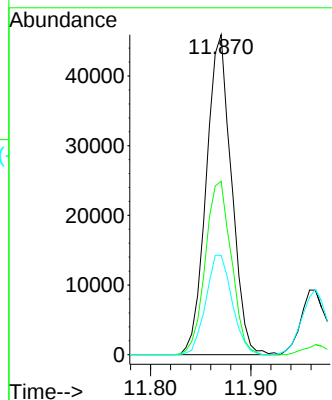
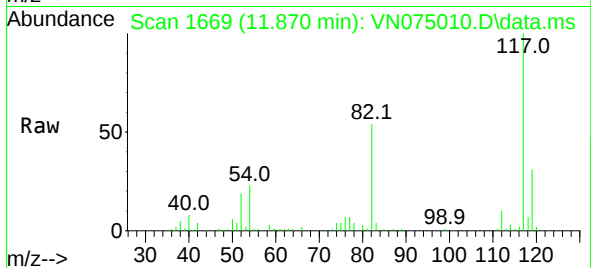
Tgt Ion:117 Resp: 80453

Ion Ratio Lower Upper

117 100

82 55.7 43.6 65.4

119 32.2 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 101.963 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

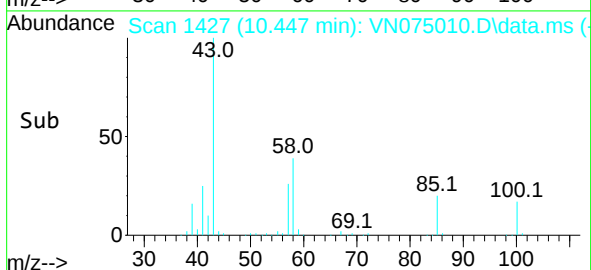
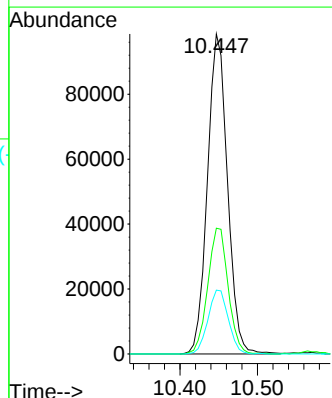
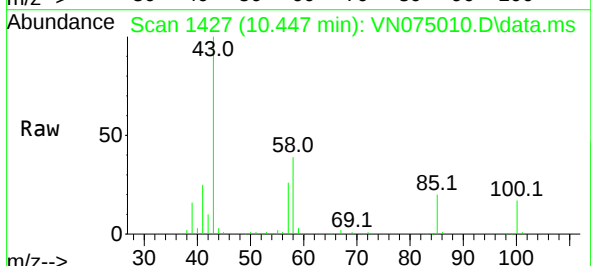
Tgt Ion: 43 Resp: 176942

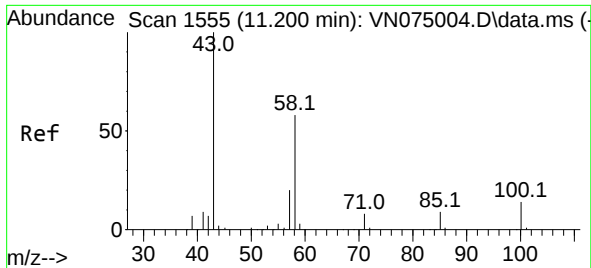
Ion Ratio Lower Upper

43 100

58 40.2 30.0 45.0

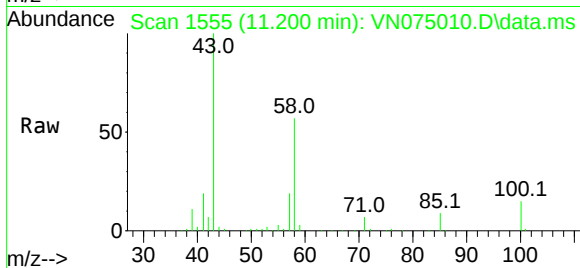
85 20.2 15.0 22.6



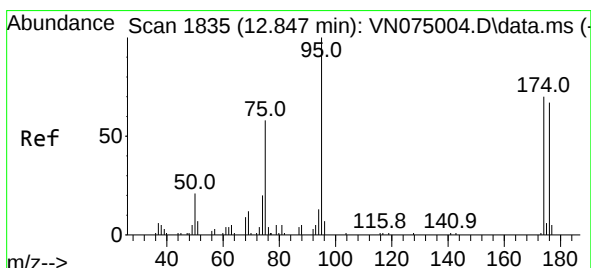
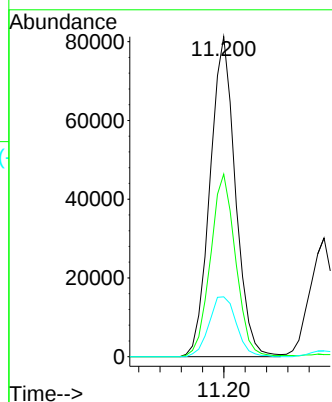
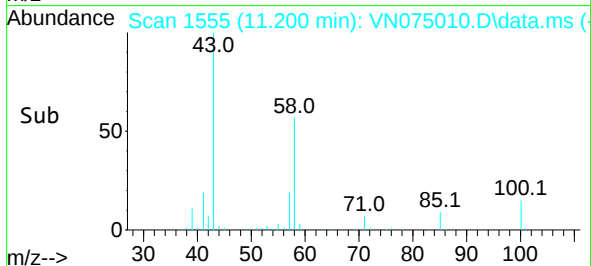


#59
2-Hexanone
Concen: 100.893 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Instrument :
MSVOA_N
ClientSampleId :

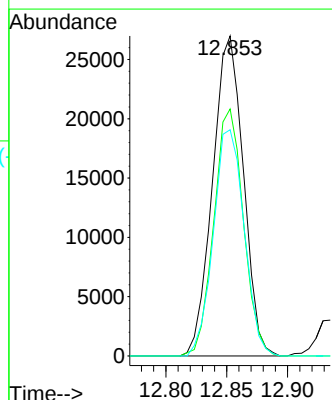
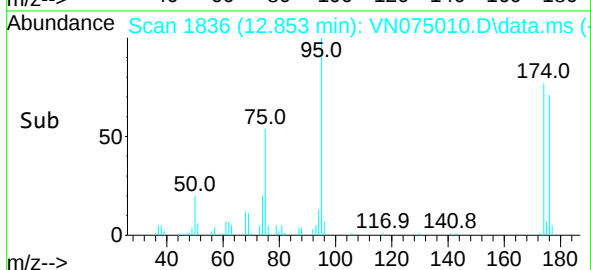
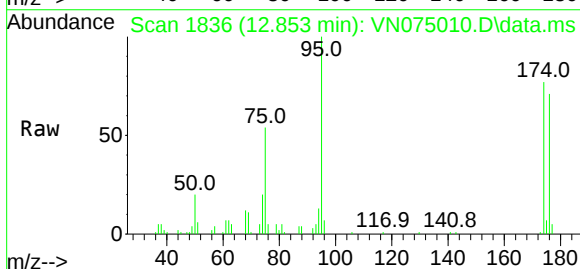


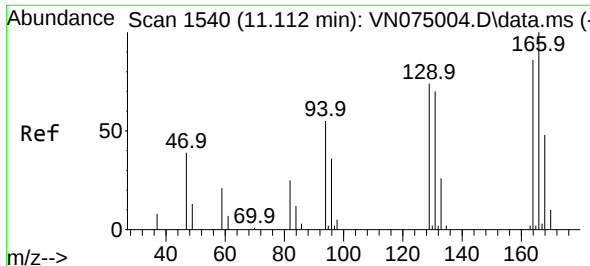
Tgt Ion: 43 Resp: 134313
Ion Ratio Lower Upper
43 100
58 56.5 42.2 63.2
57 20.2 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 30.017 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

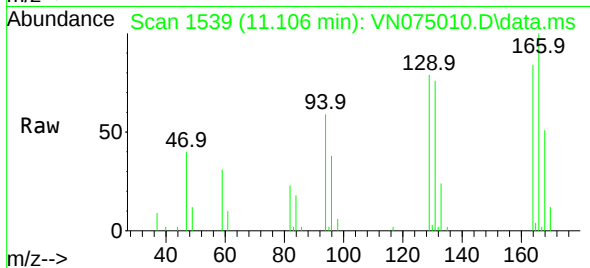
Tgt Ion: 95 Resp: 47450
Ion Ratio Lower Upper
95 100
174 74.0 62.9 94.3
176 70.7 61.0 91.4



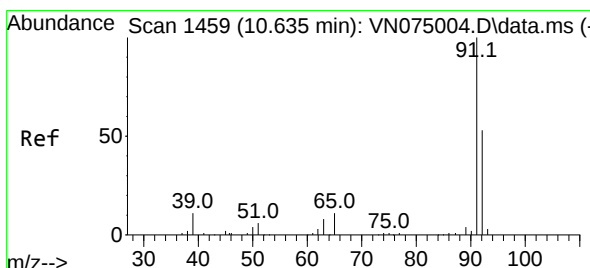
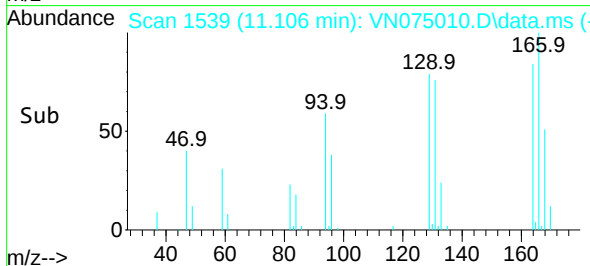
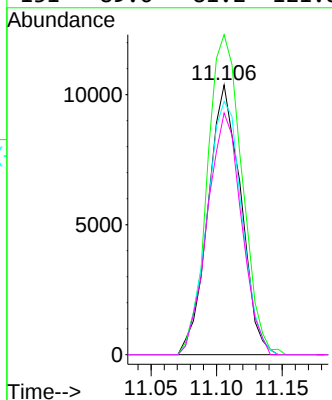


#61
Tetrachloroethene
Concen: 20.139 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Instrument :
MSVOA_N
ClientSampleId :

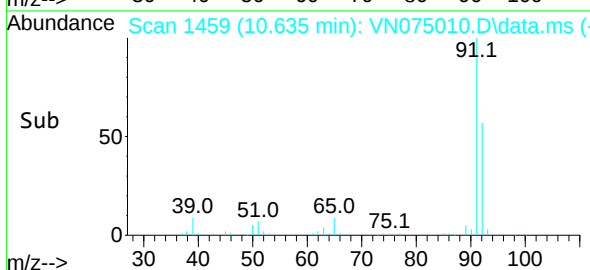
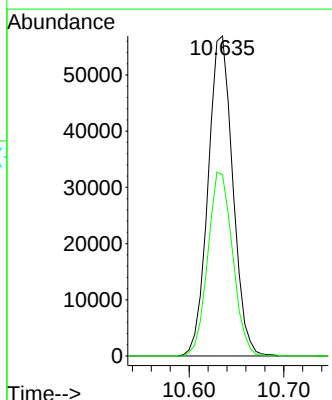
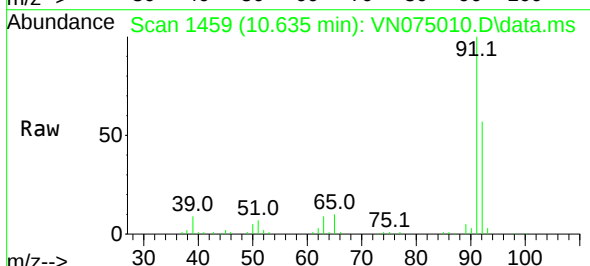


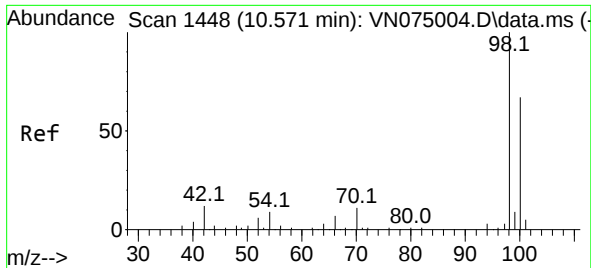
Tgt Ion:164 Resp: 18019
Ion Ratio Lower Upper
164 100
166 118.6 105.8 158.8
129 93.9 82.5 123.7
131 89.6 81.2 121.8



#62
Toluene
Concen: 19.813 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 91 Resp: 103202
Ion Ratio Lower Upper
91 100
92 57.7 44.6 67.0

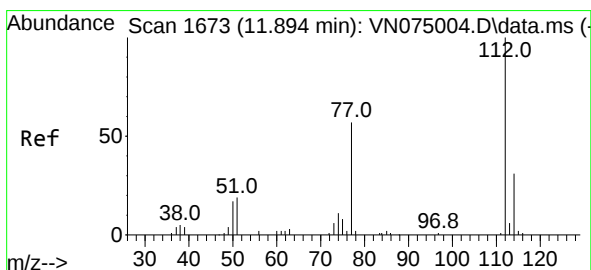
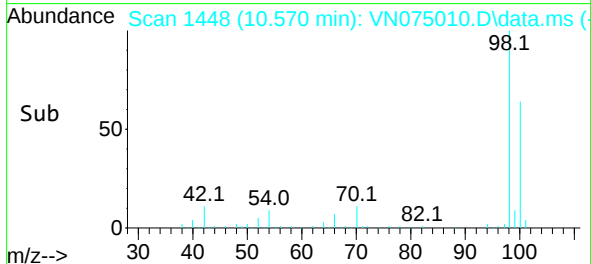
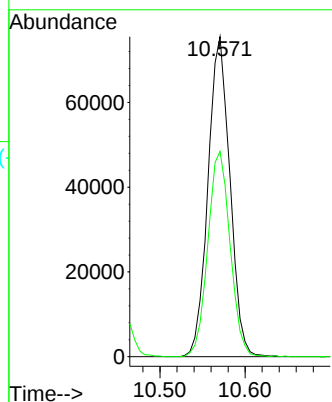
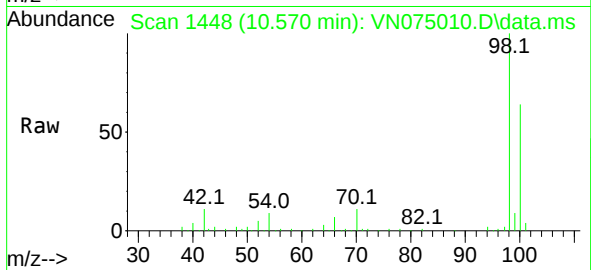




#63
Toluene-d8
Concen: 29.948 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

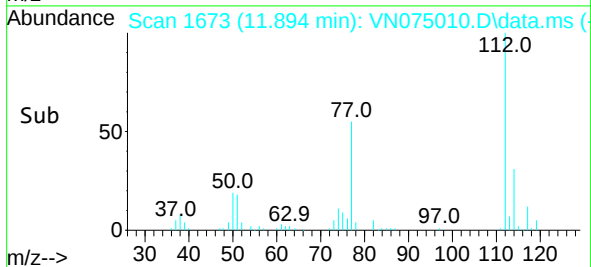
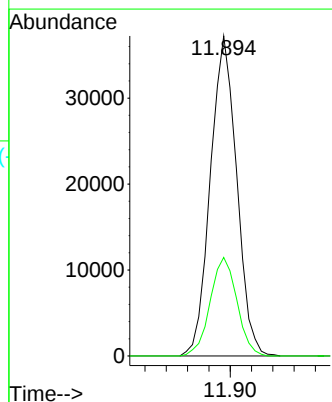
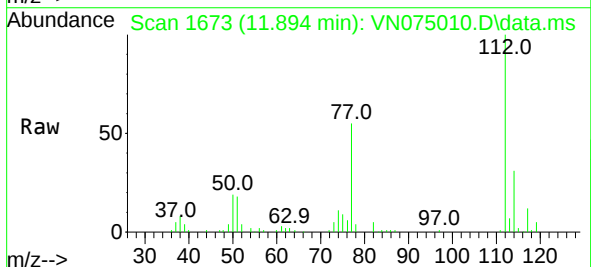
Instrument :
MSVOA_N
ClientSampleId :

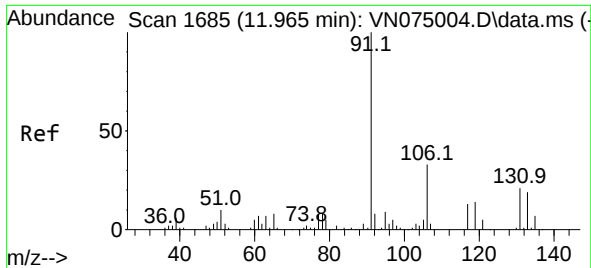
Tgt Ion: 98 Resp: 134758
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0



#64
Chlorobenzene
Concen: 19.797 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 112 Resp: 63903
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6

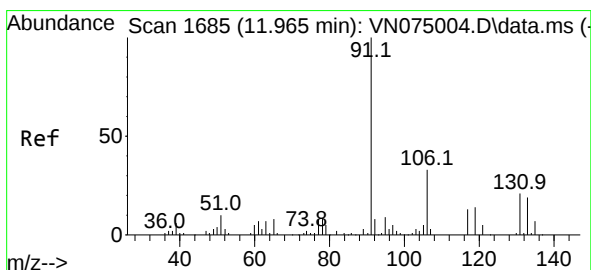
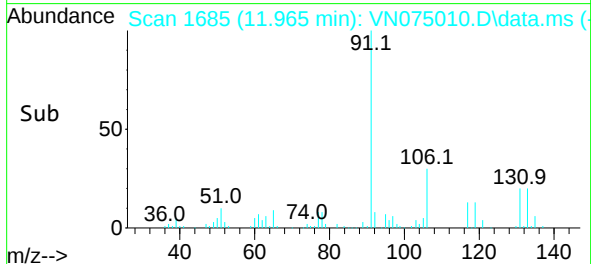
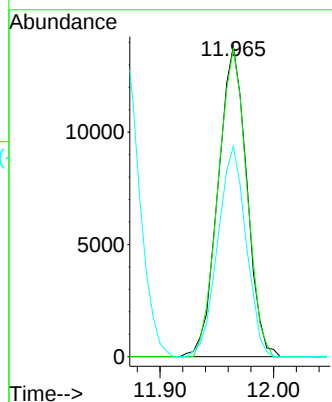
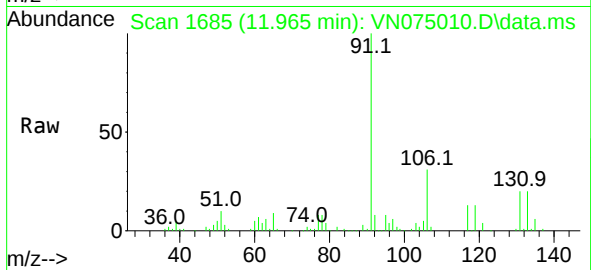




#65
1,1,1,2-Tetrachloroethane
Concen: 19.642 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

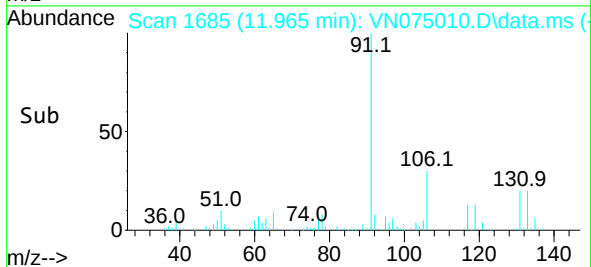
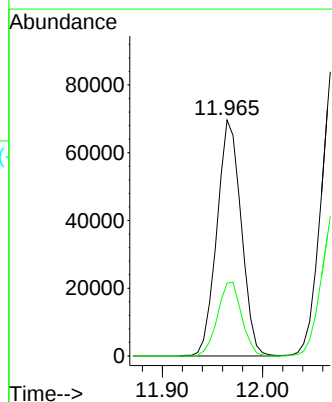
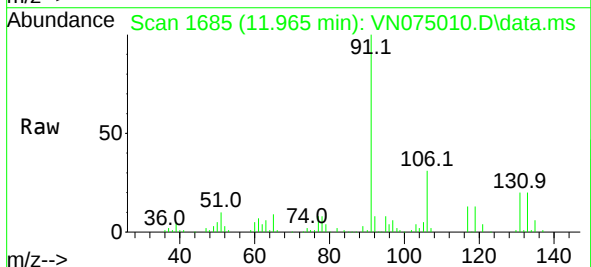
Instrument :
MSVOA_N
ClientSampleId :

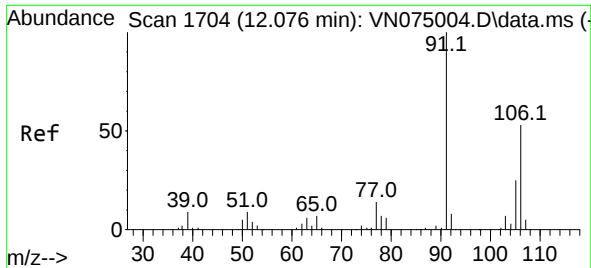
Tgt Ion:131 Resp: 24221
Ion Ratio Lower Upper
131 100
133 98.8 0.0 191.2
119 66.9 0.0 128.8



#66
Ethyl Benzene
Concen: 19.953 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 91 Resp: 117136
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0

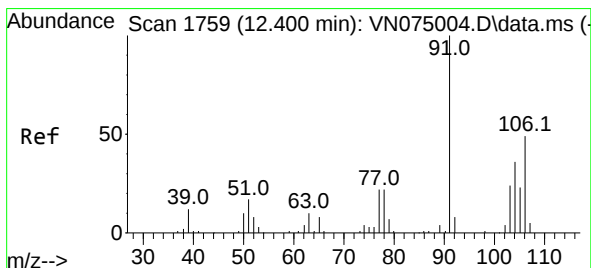
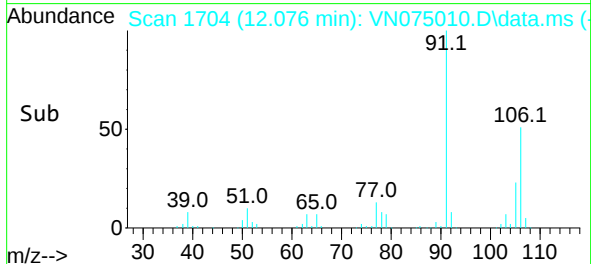
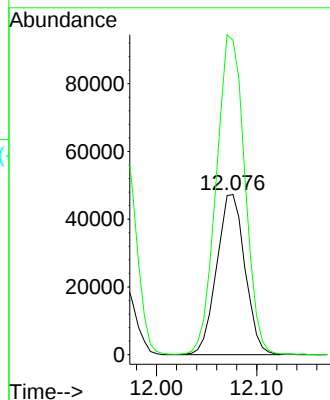
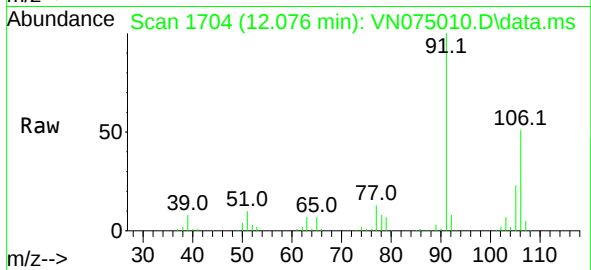




#67
m/p-Xylenes
Concen: 39.303 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

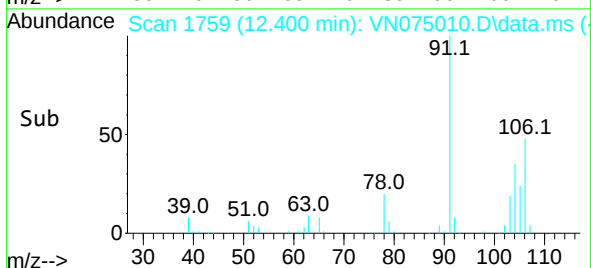
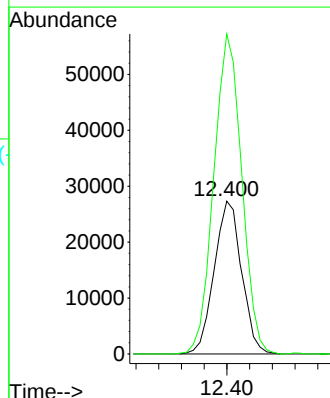
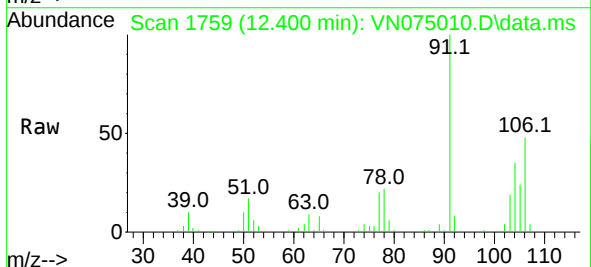
Instrument :
MSVOA_N
ClientSampleId :

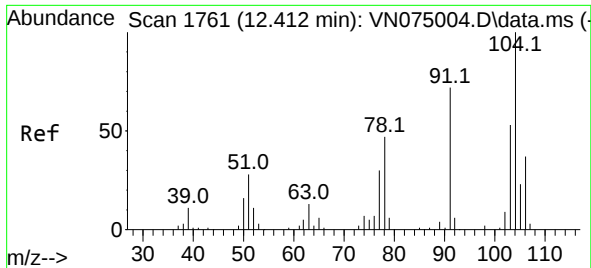
Tgt Ion:106 Resp: 92534
Ion Ratio Lower Upper
106 100
91 201.8 162.9 244.3



#68
o-Xylene
Concen: 19.337 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

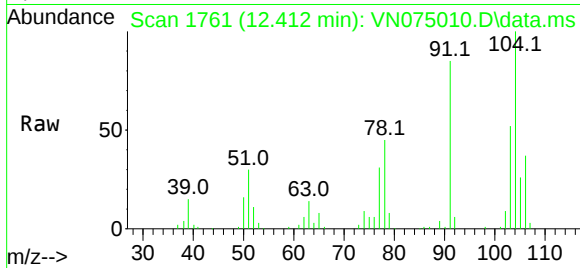
Tgt Ion:106 Resp: 45763
Ion Ratio Lower Upper
106 100
91 213.5 107.7 323.1



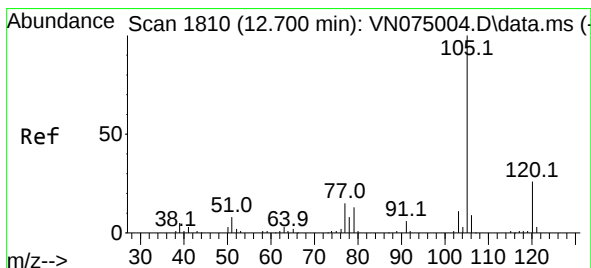
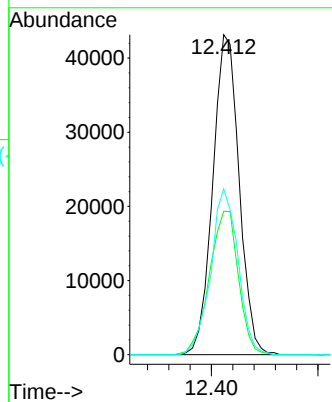
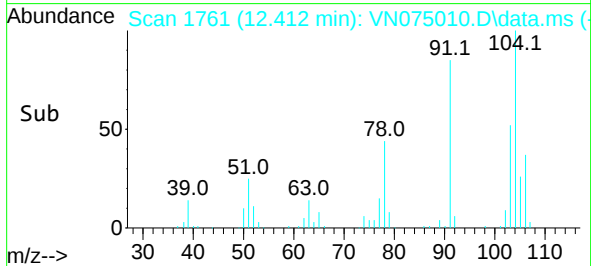


#69
Styrene
Concen: 19.096 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Instrument :
MSVOA_N
ClientSampleId :

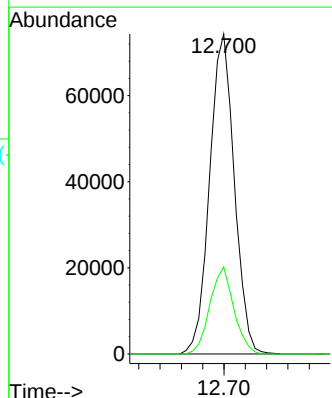
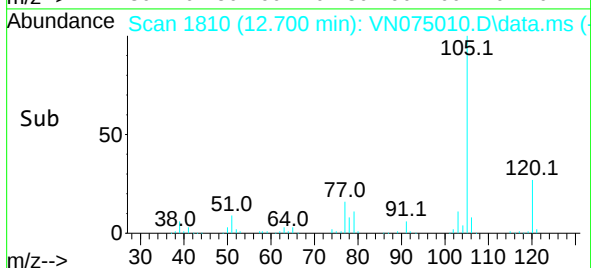
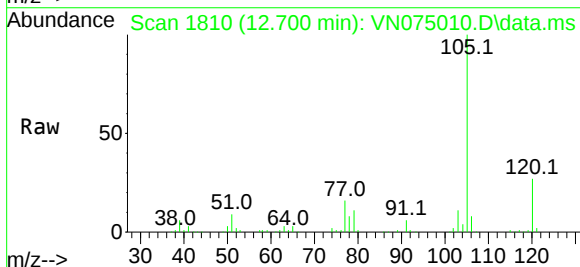


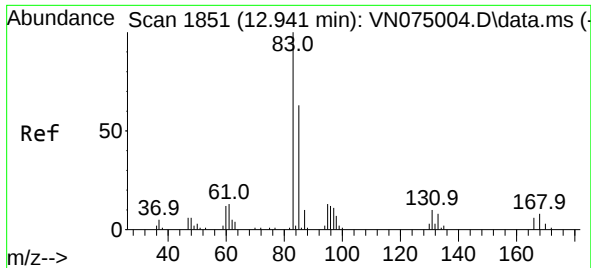
Tgt Ion:104 Resp: 73906
Ion Ratio Lower Upper
104 100
78 49.4 40.7 61.1
103 53.7 45.8 68.8



#70
Isopropylbenzene
Concen: 19.351 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion:105 Resp: 119321
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1

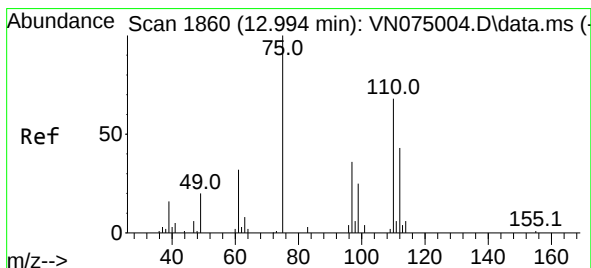
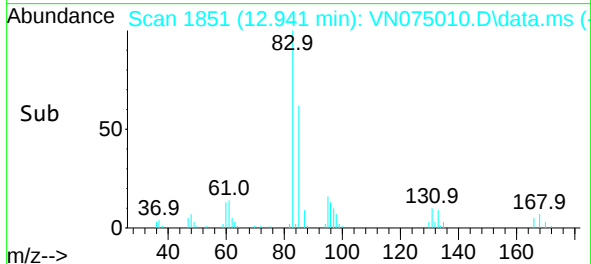
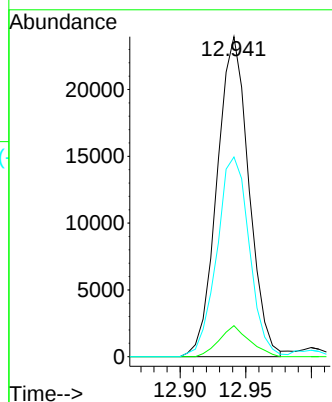
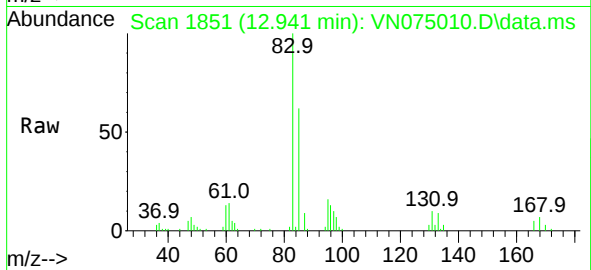




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.080 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

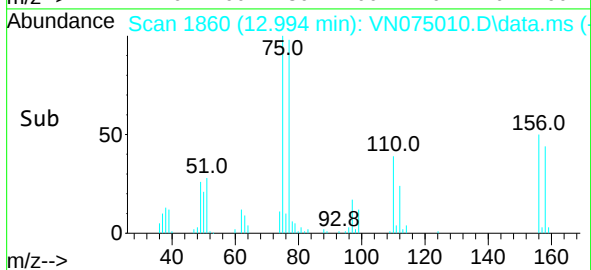
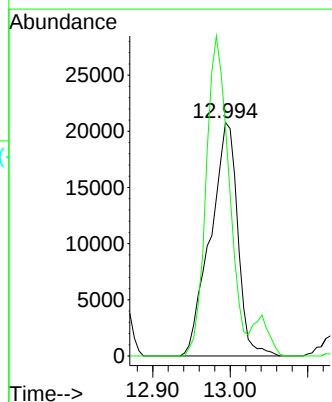
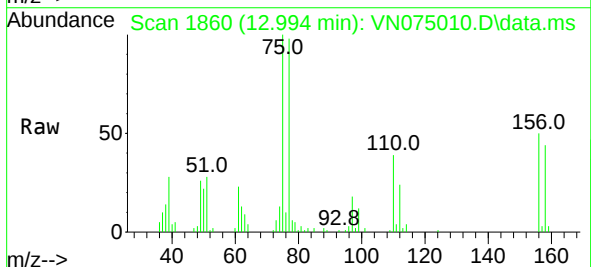
Instrument :
 MSVOA_N
 ClientSampleId :

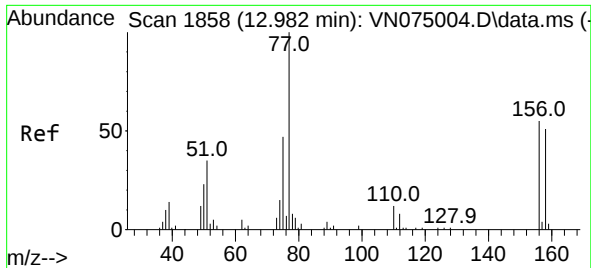
Tgt Ion: 83 Resp: 40333
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 63.7 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 27.878 ug/l
 RT: 12.994 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

Tgt Ion: 75 Resp: 50847
 Ion Ratio Lower Upper
 75 100
 77 115.0 0.0 378.0

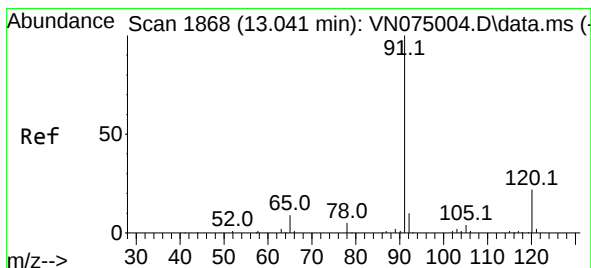
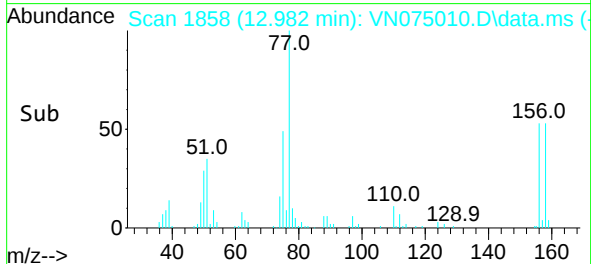
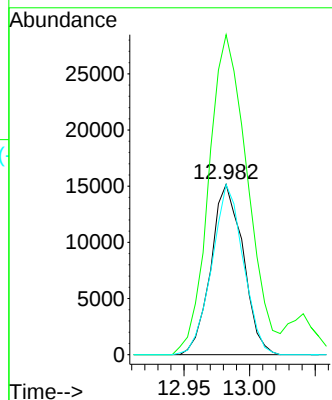
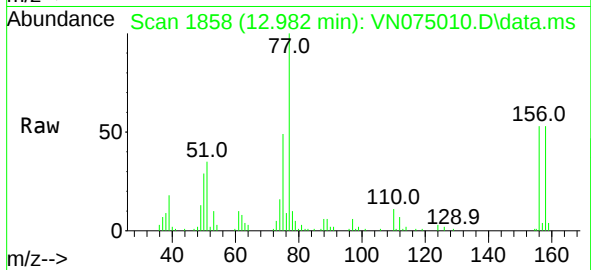




#73
Bromobenzene
Concen: 18.857 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

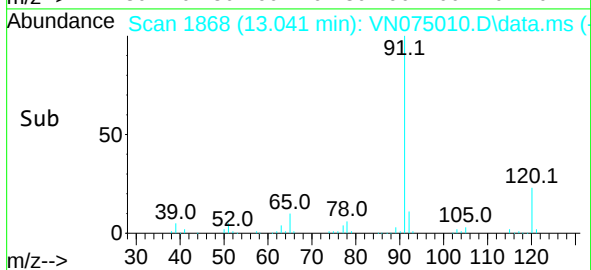
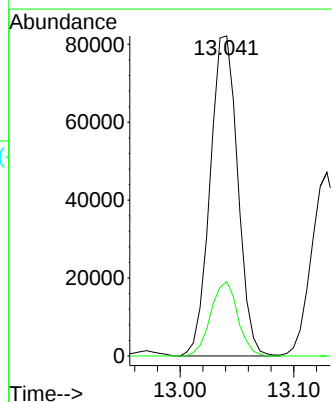
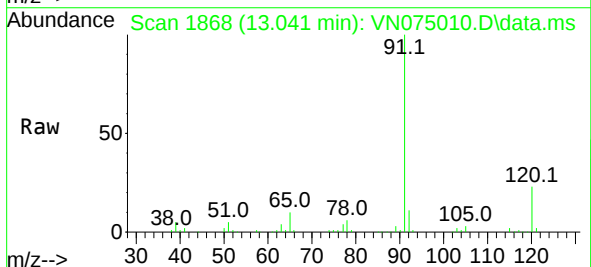
Instrument :
MSVOA_N
ClientSampleId :

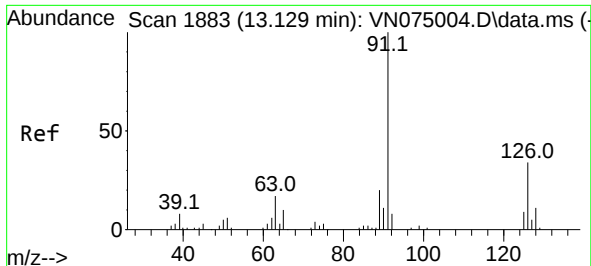
Tgt Ion:156 Resp: 25881
Ion Ratio Lower Upper
156 100
77 225.9 0.0 416.0
158 97.7 0.0 195.4



#74
n-propylbenzene
Concen: 20.123 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 91 Resp: 138947
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0

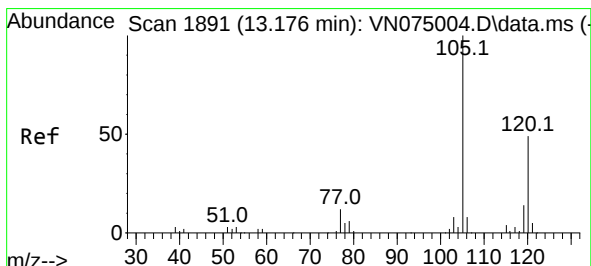
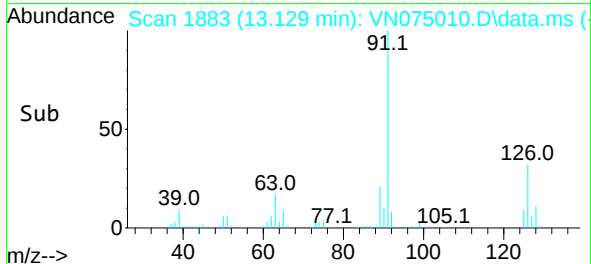
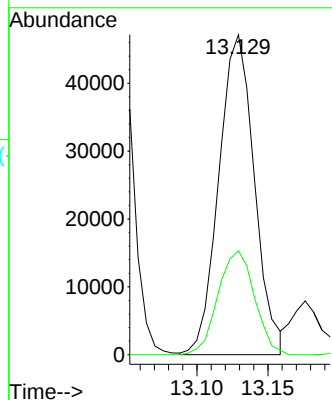
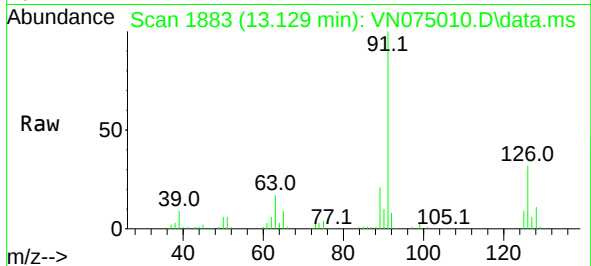




#75
2-Chlorotoluene
Concen: 19.552 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

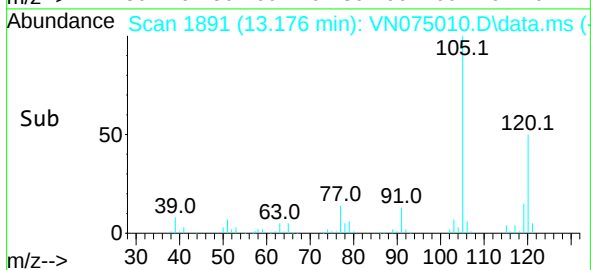
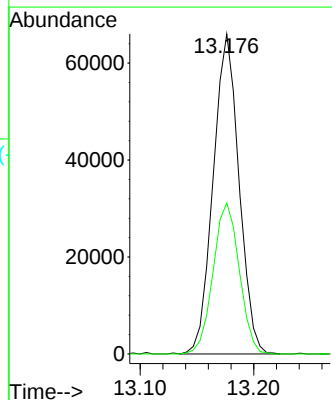
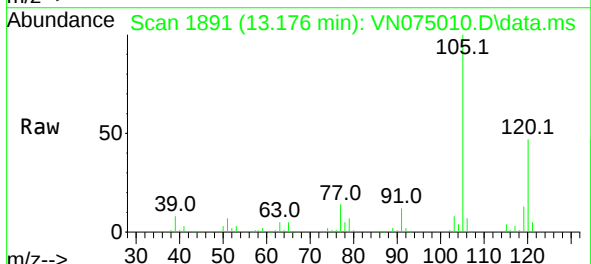
Instrument :
MSVOA_N
ClientSampleId :

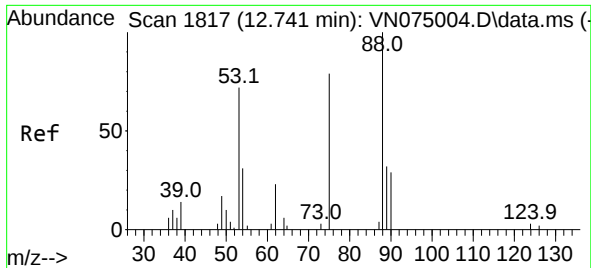
Tgt Ion: 91 Resp: 82160
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 19.939 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 105 Resp: 104150
Ion Ratio Lower Upper
105 100
120 47.8 0.0 93.8

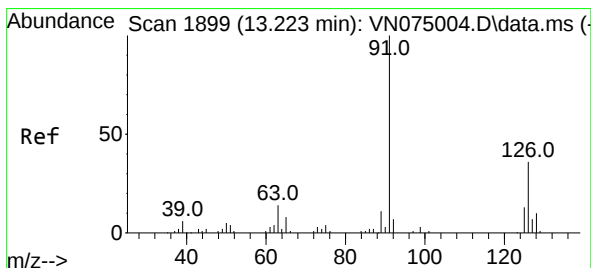
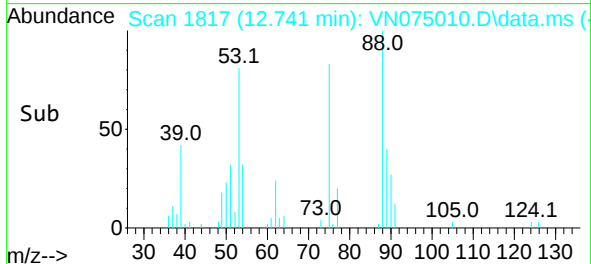
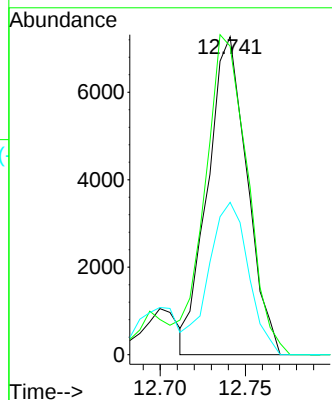
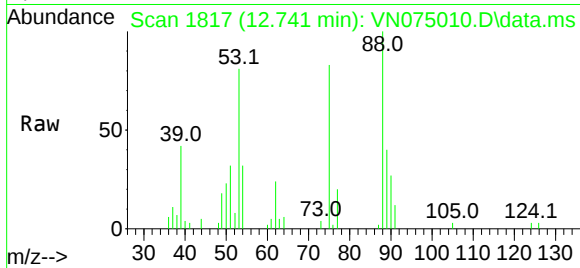




#77
t-1,4-Dichloro-2-butene
Concen: 18.302 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

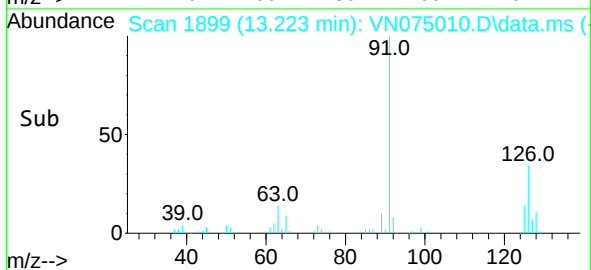
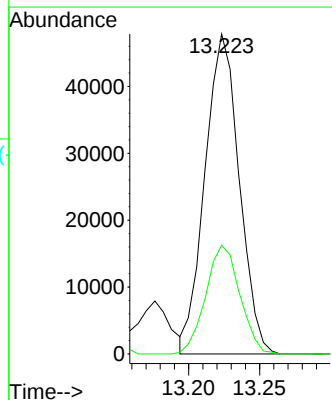
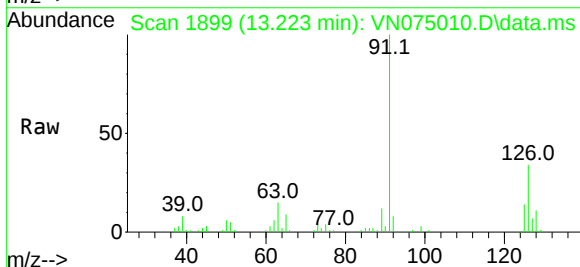
Instrument :
MSVOA_N
ClientSampleId :

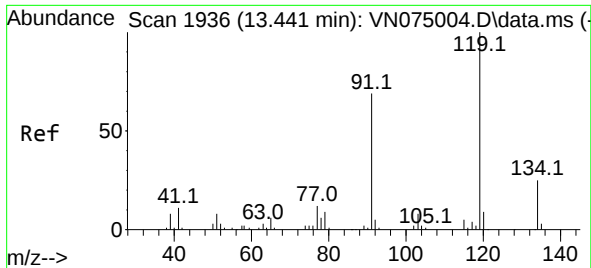
Tgt Ion: 75 Resp: 11660
Ion Ratio Lower Upper
75 100
53 93.5 51.8 155.5
89 47.9 22.9 68.7



#78
4-Chlorotoluene
Concen: 19.654 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion: 91 Resp: 80219
Ion Ratio Lower Upper
91 100
126 33.8 0.0 70.6

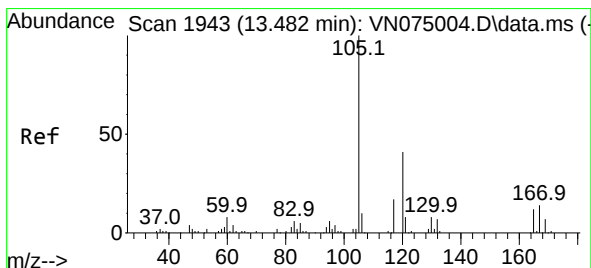
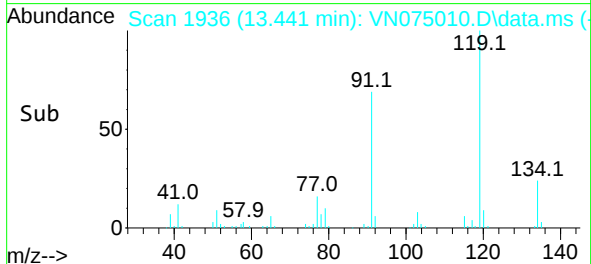
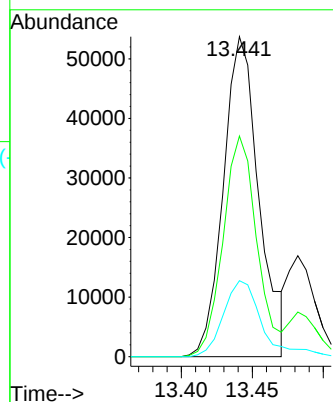
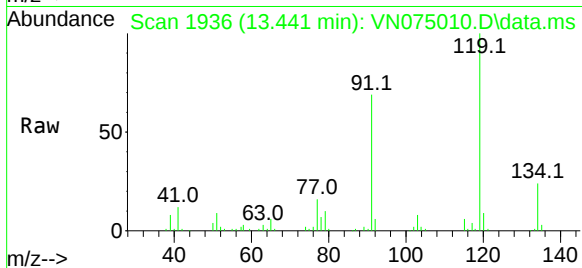




#79
tert-butylbenzene
Concen: 20.077 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

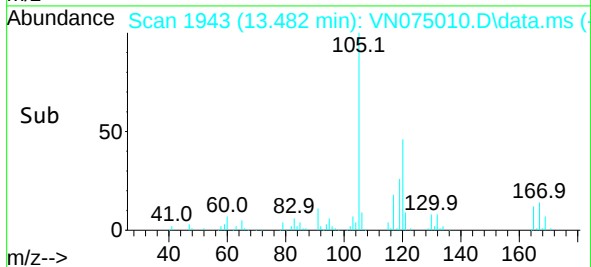
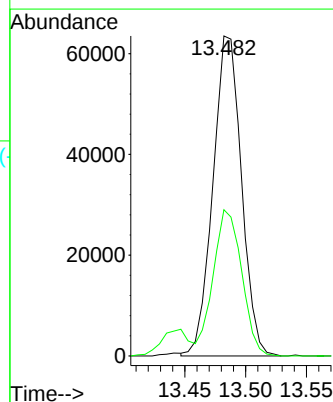
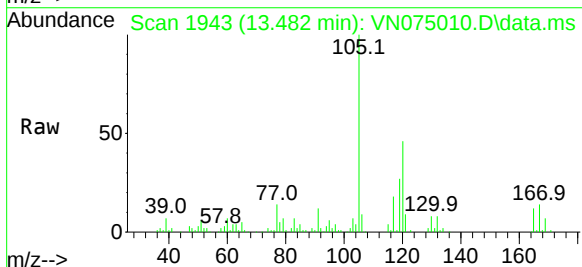
Instrument :
MSVOA_N
ClientSampleId :

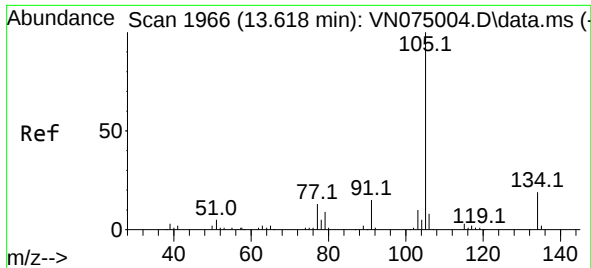
Tgt Ion:119 Resp: 93639
Ion Ratio Lower Upper
119 100
91 65.7 0.0 137.0
134 24.7 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 19.495 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

Tgt Ion:105 Resp: 103585
Ion Ratio Lower Upper
105 100
120 45.6 0.0 0.2#

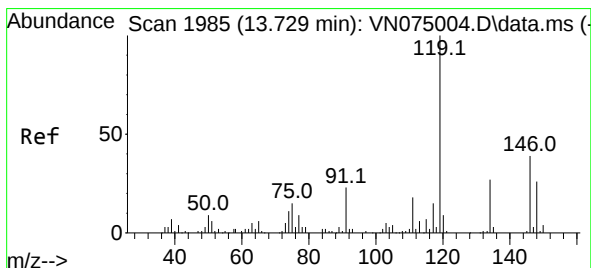
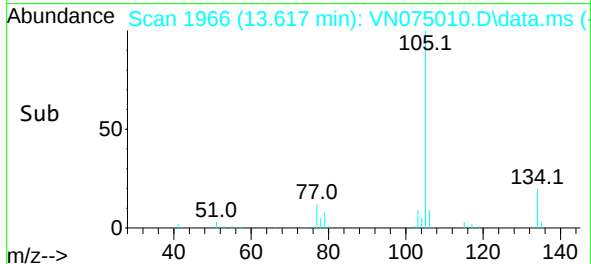
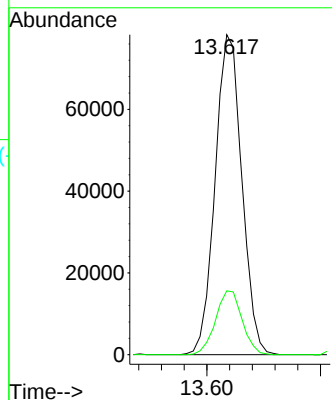
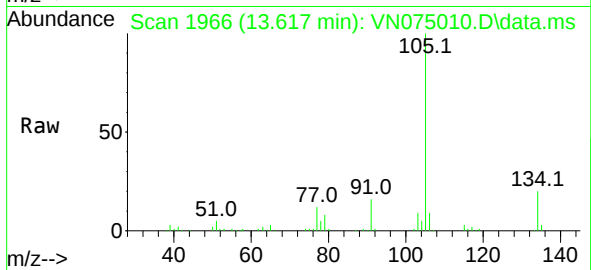




#81
 sec-Butylbenzene
 Concen: 19.495 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

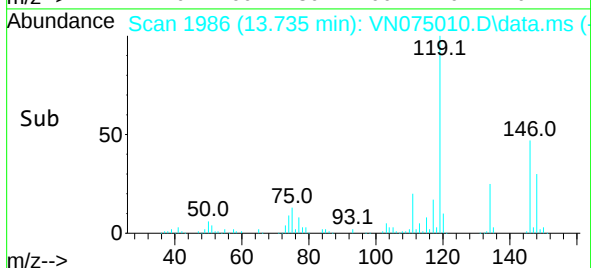
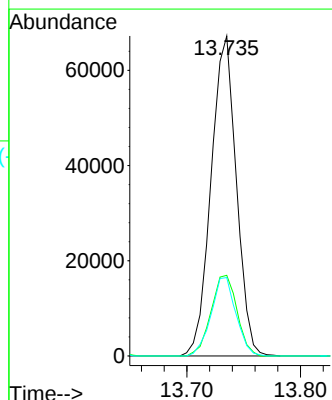
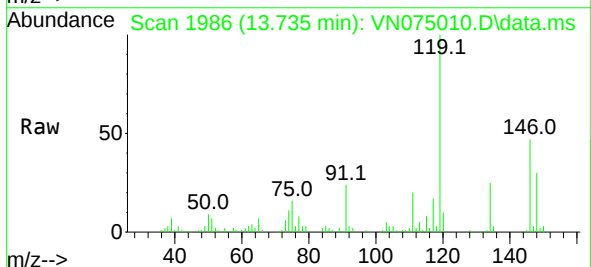
Instrument :
 MSVOA_N
 ClientSampleId :

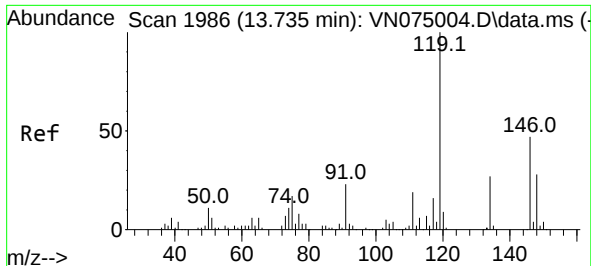
Tgt Ion:105 Resp: 127823
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.798 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

Tgt Ion:119 Resp: 103977
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 24.2 0.0 50.4

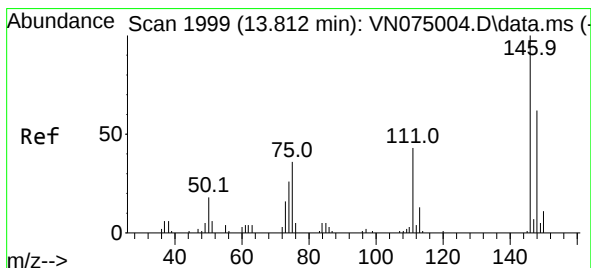
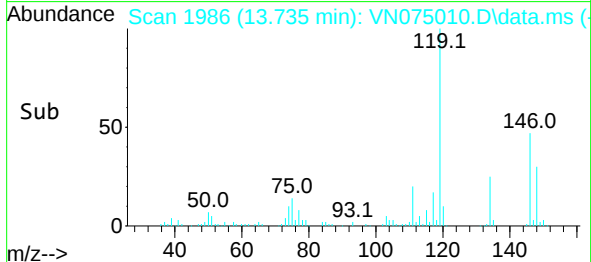
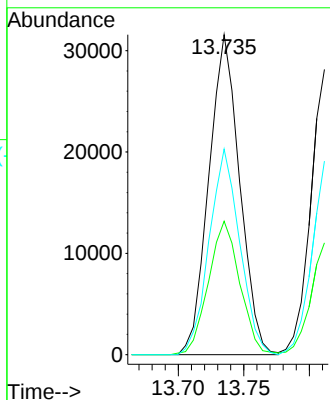
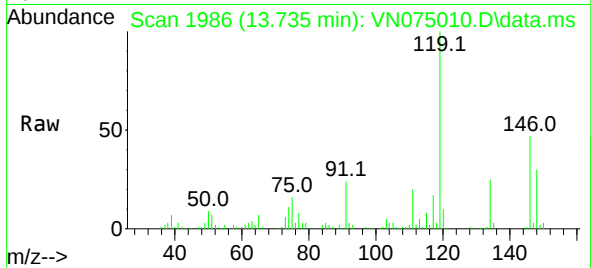




#83
 1,3-Dichlorobenzene
 Concen: 19.019 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

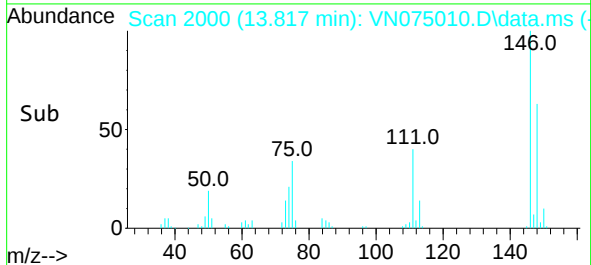
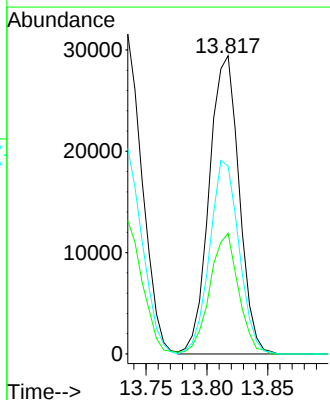
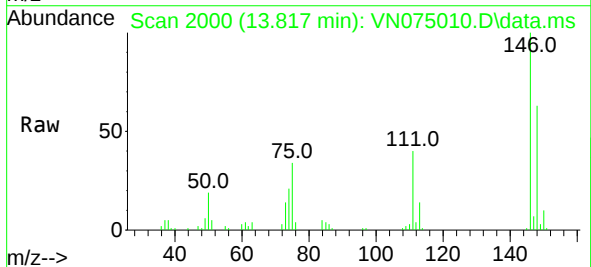
Instrument :
 MSVOA_N
 ClientSampleId :

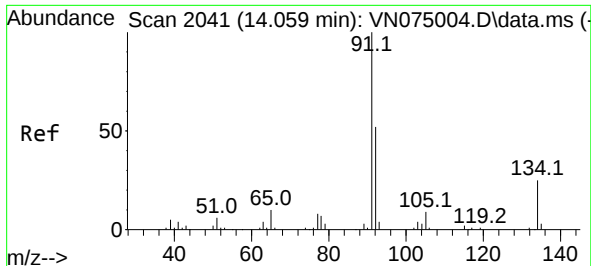
Tgt Ion:146 Resp: 51622
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.2
 148 63.8 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 19.194 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

Tgt Ion:146 Resp: 50261
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.5 58.5
 148 63.9 31.1 93.5

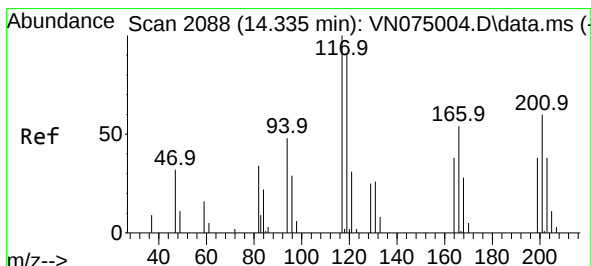
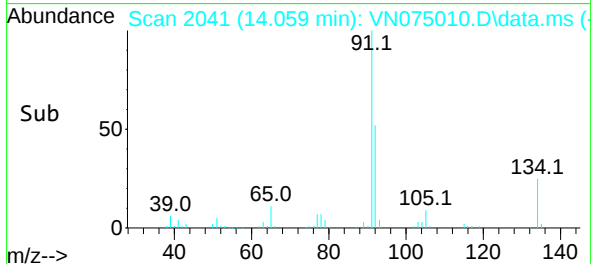
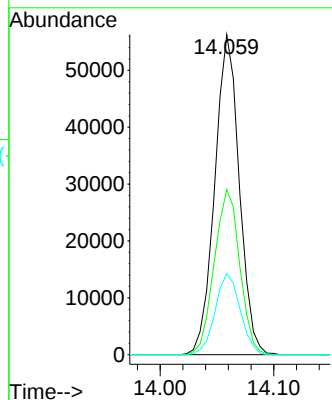
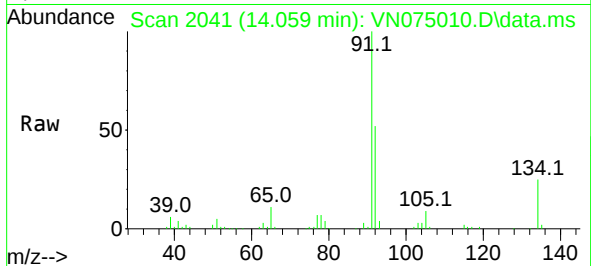




#85
n-Butylbenzene
Concen: 19.019 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

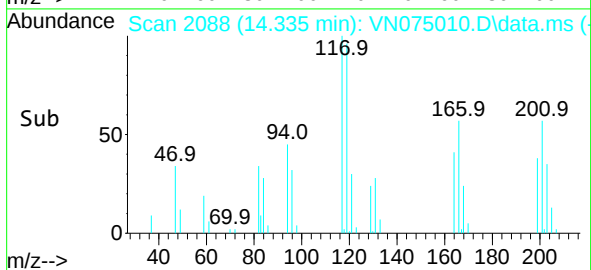
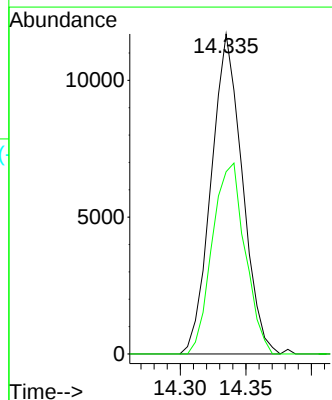
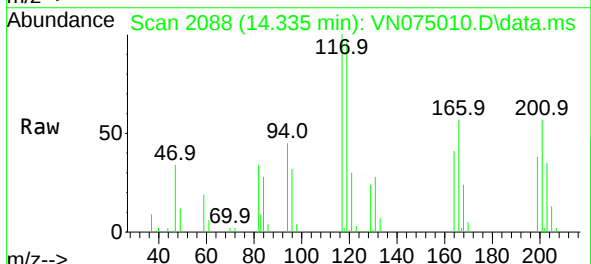
Instrument :
MSVOA_N
ClientSampleId :

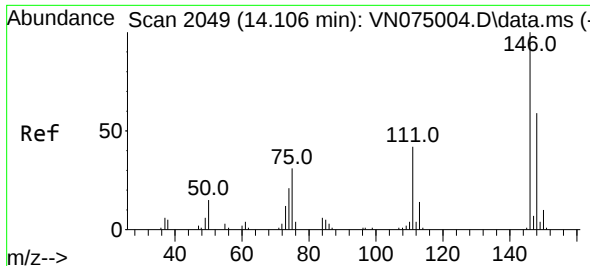
Tgt Ion: 91 Resp: 84376
Ion Ratio Lower Upper
91 100
92 53.5 0.0 100.6
134 25.9 0.0 50.2



#86
Hexachloroethane
Concen: 18.813 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075010.D
Acq: 25 Oct 2022 16:18

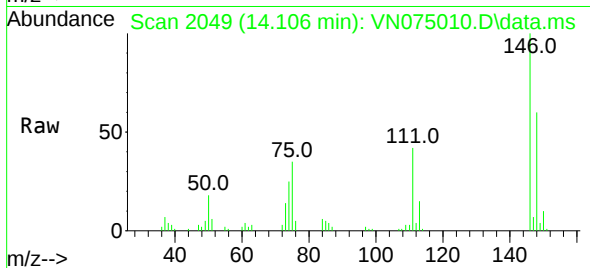
Tgt Ion: 117 Resp: 19283
Ion Ratio Lower Upper
117 100
201 62.8 33.3 99.8



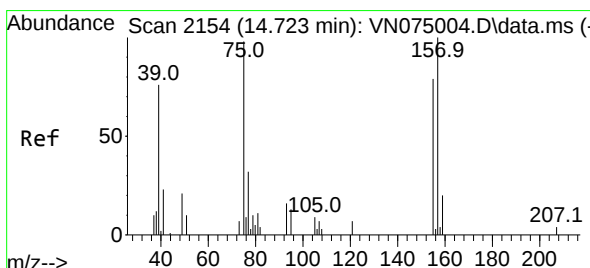
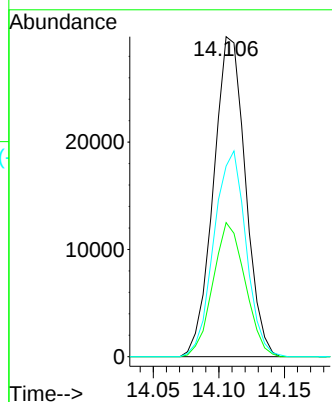
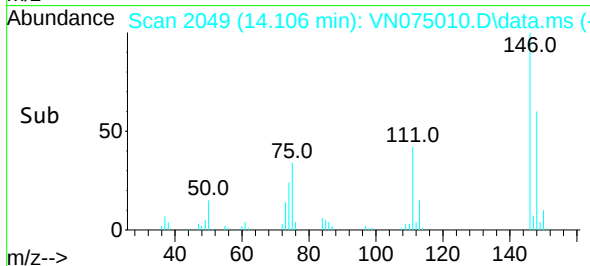


#87
 1,2-Dichlorobenzene
 Concen: 18.819 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

Instrument :
 MSVOA_N
 ClientSampleId :

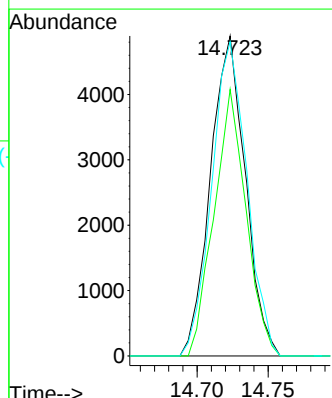
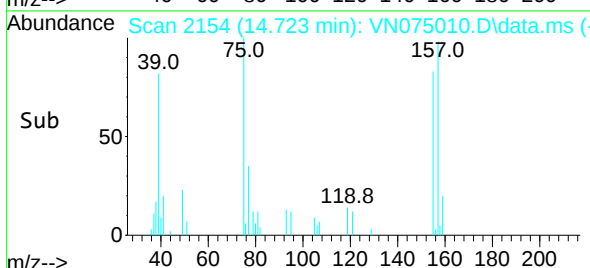
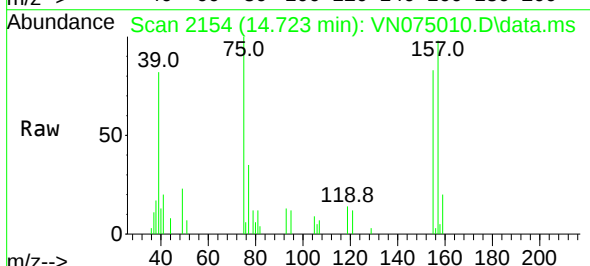


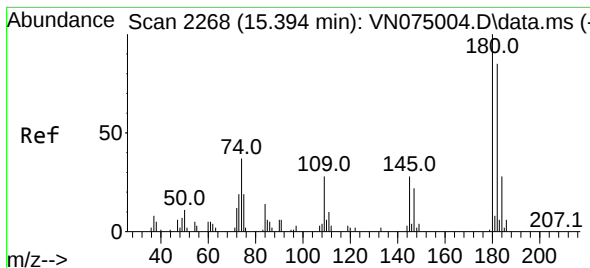
Tgt Ion:146 Resp: 50524
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.4 64.2
 148 64.5 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.771 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VN075010.D
 Acq: 25 Oct 2022 16:18

Tgt Ion: 75 Resp: 8347
 Ion Ratio Lower Upper
 75 100
 155 76.4 63.8 95.8
 157 99.3 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 18.574 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

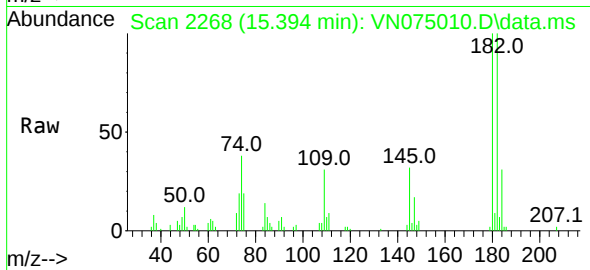
Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :



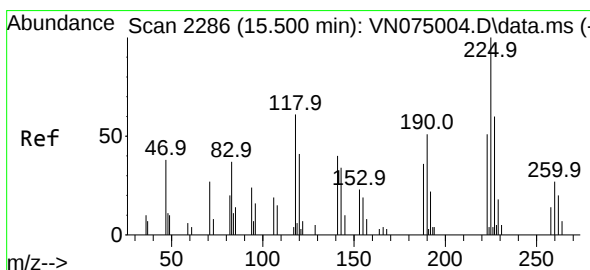
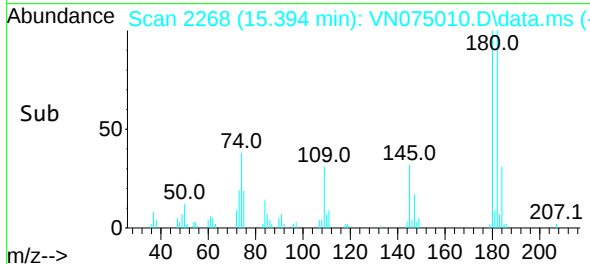
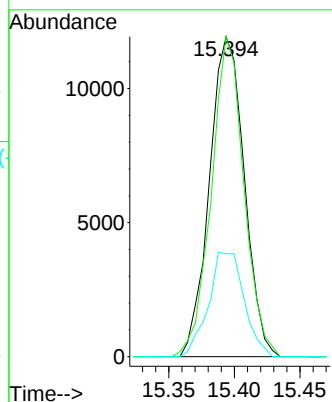
Tgt Ion:180 Resp: 22025

Ion Ratio Lower Upper

180 100

182 93.5 77.7 116.5

145 33.4 26.6 39.8



#90

Hexachlorobutadiene

Concen: 19.224 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

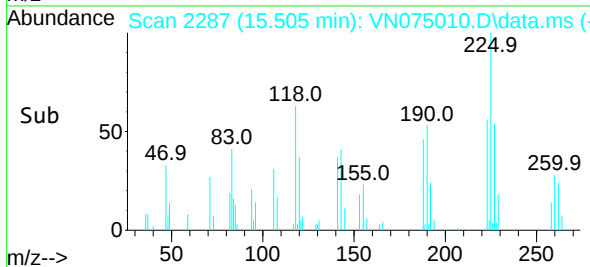
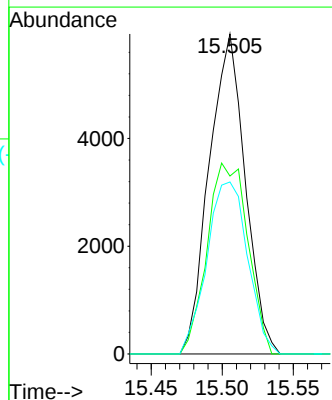
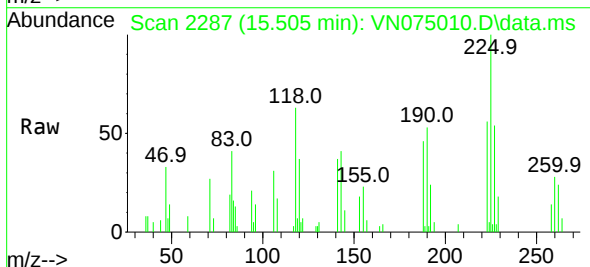
Tgt Ion:225 Resp: 10484

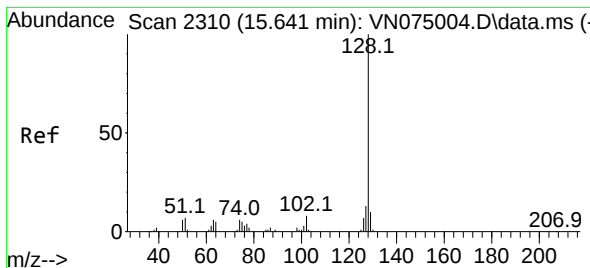
Ion Ratio Lower Upper

225 100

223 67.4 0.0 126.8

227 60.9 0.0 123.0





#91

Naphthalene

Concen: 18.214 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

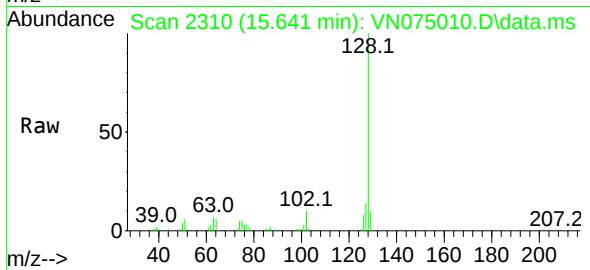
Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :



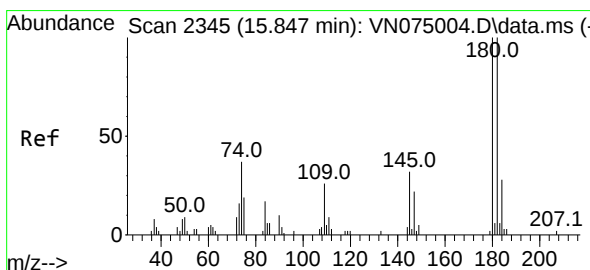
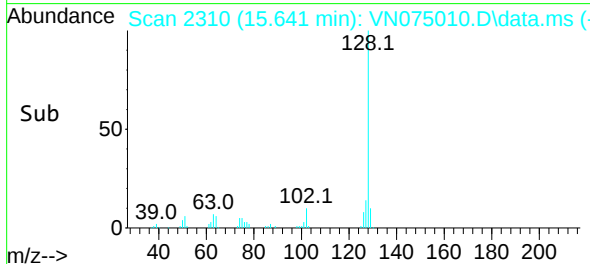
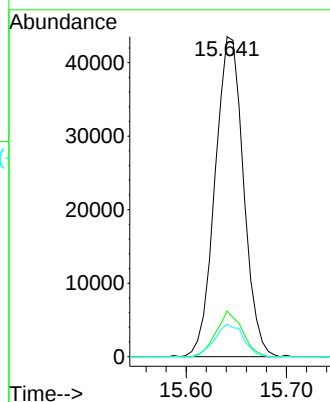
Tgt Ion:128 Resp: 85601

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.2 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 18.594 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.006 min

Lab File: VN075010.D

Acq: 25 Oct 2022 16:18

Tgt Ion:180 Resp: 22319

Ion Ratio Lower Upper

180 100

182 92.8 0.0 190.0

145 34.7 0.0 67.8

