

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075011.D
 Acq On : 25 Oct 2022 16:42
 Operator : JC\MD
 Sample : VN1025WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 10:26:48 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	15020	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	89304	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	81201	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	45280	32.970	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.900%	
60) 4-Bromofluorobenzene	12.853	95	48089	30.141	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.467%	
63) Toluene-d8	10.571	98	137505	30.277	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	15826	21.644	ug/l	99
3) Chloromethane	2.377	50	23381	24.309	ug/l	92
4) Vinyl Chloride	2.524	62	32436	22.302	ug/l	98
5) Bromomethane	2.942	94	26206	22.791	ug/l	98
6) Chloroethane	3.118	64	28357	25.278	ug/l	99
7) Trichlorofluoromethane	3.501	101	34787	22.227	ug/l	95
8) Diethyl Ether	3.971	74	14326	22.262	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	20616	22.471	ug/l	83
10) 1,1-Dichloroethene	4.348	96	18572	21.582	ug/l	97
11) Methyl Iodide	4.601	142	29452	21.938	ug/l	97
12) Methyl Acetate	5.042	43	33299	22.843	ug/l	96
13) Acrolein	4.195	56	17527	98.166	ug/l	99
14) Acrylonitrile	5.736	53	65686	109.067	ug/l	99
15) Acetone	4.448	58	20098	119.445	ug/l	88
16) Carbon Disulfide	4.718	76	39910	21.067	ug/l	98
17) Allyl chloride	5.036	41	25130	21.795	ug/l	93
18) Methylene Chloride	5.289	84	23841	22.114	ug/l #	90
19) trans-1,2-Dichloroethene	5.795	96	19734	20.627	ug/l	93
20) Diisopropyl ether	6.683	45	62550	20.901	ug/l	92
21) 1,1-Dichloroethane	6.577	63	39260	21.122	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	24882	20.584	ug/l	98
23) tert-Butyl Alcohol	5.542	59	32607	116.958	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	74654	21.211	ug/l	93
25) Chloroform	7.977	83	42098	20.501	ug/l	99
26) Cyclohexane	8.265	56	31107	20.833	ug/l #	90
29) 1,1-Dichloropropene	8.371	75	28891	18.861	ug/l	97
30) 2-Butanone	7.495	43	92071	104.267	ug/l	97
31) 2,2-Dichloropropane	7.495	77	35449	18.945	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	38708	19.511	ug/l	98
33) Carbon Tetrachloride	8.371	117	32407	18.552	ug/l	97
34) Benzene	8.612	78	91850	19.613	ug/l #	94
35) Methacrylonitrile	7.789	41	17530	20.712	ug/l	92
36) 1,2-Dichloroethane	8.677	62	34443	19.849	ug/l	96
37) Trichloroethene	9.353	130	22395	19.244	ug/l	95
38) Methylcyclohexane	9.600	83	35913	18.908	ug/l	96
39) 1,2-Dichloropropane	9.624	63	23547	19.974	ug/l	98
40) Dibromomethane	9.712	93	18229	20.381	ug/l	95
41) Bromodichloromethane	9.889	83	33616	19.305	ug/l	99
42) Vinyl Acetate	6.618	43	245279	98.613	ug/l #	91

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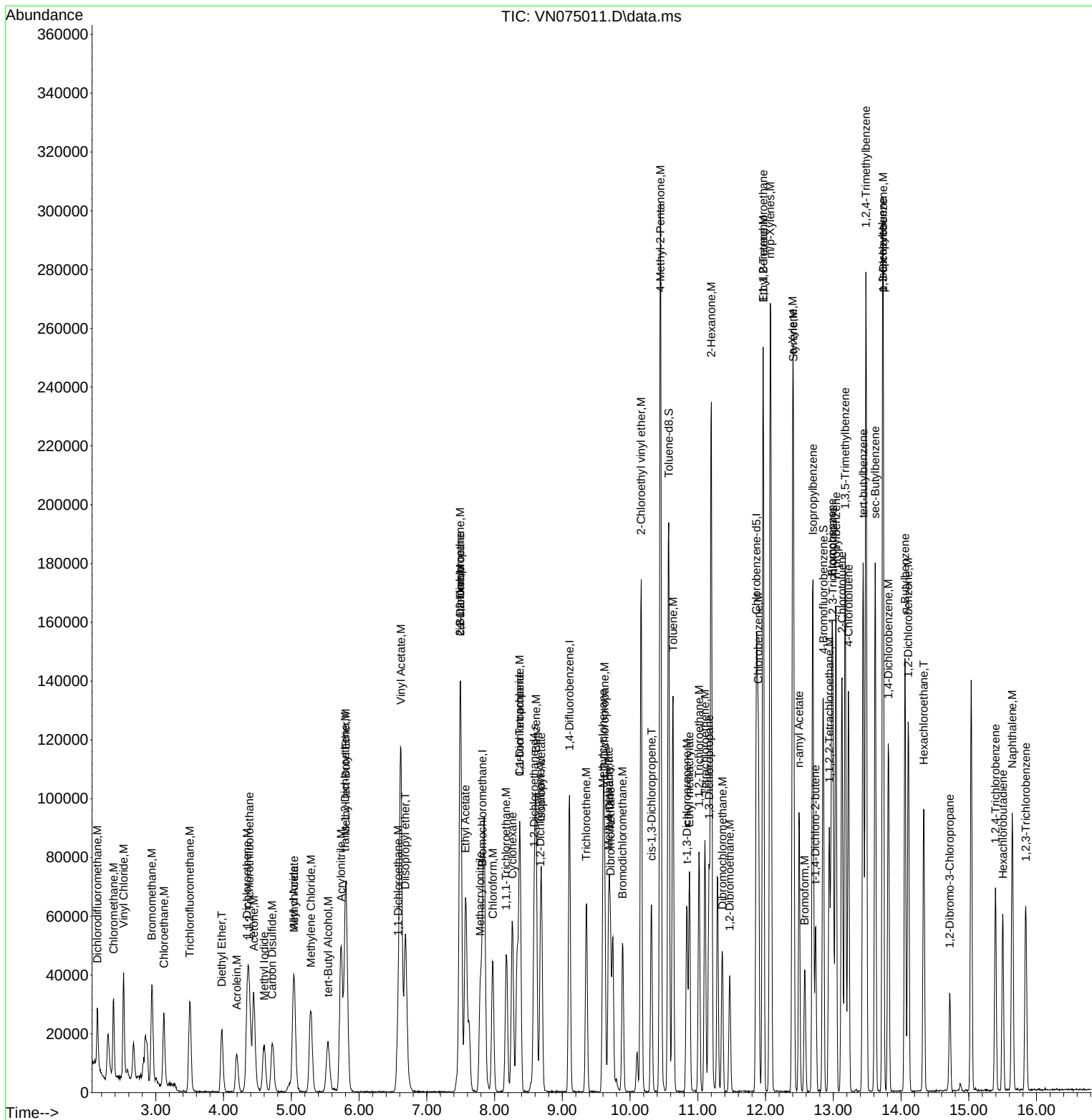
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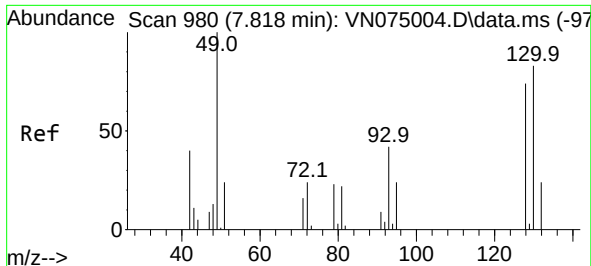
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	37289	21.367	ug/l	100
44) Isopropyl Acetate	8.689	43	57125	20.407	ug/l	94
45) 1,4-Dioxane	9.694	88	14801	429.577	ug/l #	91
46) Methyl methacrylate	9.683	41	24555	19.554	ug/l	89
47) n-amyl Acetate	12.494	43	48309	20.089	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	35854	18.847	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	36900	18.455	ug/l	89
50) 1,1,2-Trichloroethane	11.018	97	25608	19.543	ug/l	98
51) Ethyl methacrylate	10.877	69	39751	19.470	ug/l	89
52) 1,3-Dichloropropane	11.165	76	44333	20.229	ug/l	99
53) Dibromochloromethane	11.365	129	25884	18.263	ug/l	98
54) 1,2-Dibromoethane	11.471	107	26856	19.810	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	79063	94.787	ug/l	98
56) Bromoform	12.577	173	17882	17.185	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	189089	107.959	ug/l	95
59) 2-Hexanone	11.200	43	147591	109.846	ug/l	96
61) Tetrachloroethene	11.106	164	17693	19.592	ug/l	93
62) Toluene	10.636	91	103658	19.717	ug/l	96
64) Chlorobenzene	11.894	112	64909	19.923	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	26010	20.899	ug/l	97
66) Ethyl Benzene	11.965	91	119249	20.126	ug/l	97
67) m/p-Xylenes	12.071	106	93440	39.322	ug/l	95
68) o-Xylene	12.400	106	46803	19.595	ug/l	97
69) Styrene	12.412	104	74021	18.950	ug/l	98
70) Isopropylbenzene	12.700	105	120376	19.342	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	42481	20.955	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	54174	29.429	ug/l	47
73) Bromobenzene	12.982	156	25434	18.361	ug/l	85
74) n-propylbenzene	13.041	91	135567	19.452	ug/l	99
75) 2-Chlorotoluene	13.130	91	83642	19.721	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	102654	19.472	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	13035	20.271	ug/l	93
78) 4-Chlorotoluene	13.224	91	80986	19.659	ug/l	98
79) tert-butylbenzene	13.441	119	91714	19.483	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	103005	19.207	ug/l #	81
81) sec-Butylbenzene	13.618	105	126215	19.073	ug/l	100
82) p-Isopropyltoluene	13.729	119	105345	18.870	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	51902	18.946	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	50257	19.016	ug/l	100
85) n-Butylbenzene	14.059	91	83408	18.627	ug/l	98
86) Hexachloroethane	14.335	117	19260	18.617	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	51158	18.880	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	8799	20.649	ug/l	98
89) 1,2,4-Trichlorobenzene	15.394	180	20950	17.505	ug/l	99
90) Hexachlorobutadiene	15.506	225	10574	19.211	ug/l	99
91) Naphthalene	15.641	128	86600	18.257	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	21959	18.125	ug/l	94

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

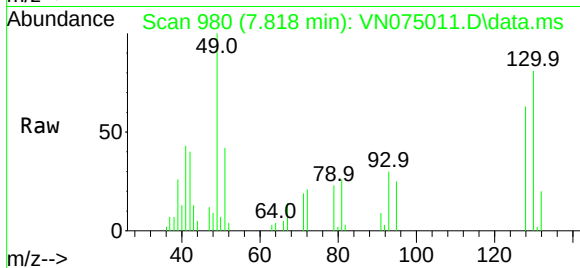
Quant Time: Oct 27 10:26:48 2022
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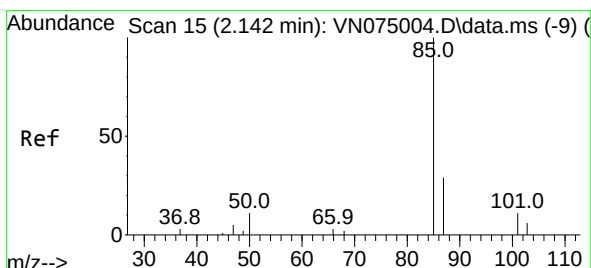
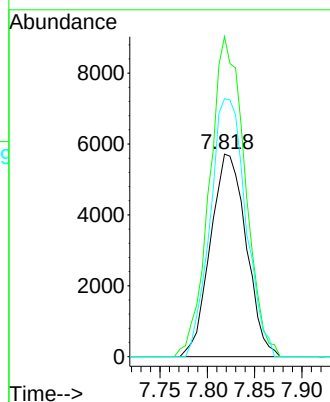
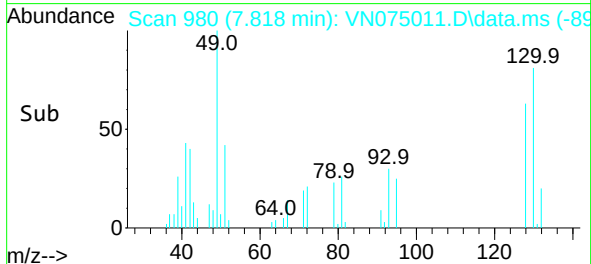


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

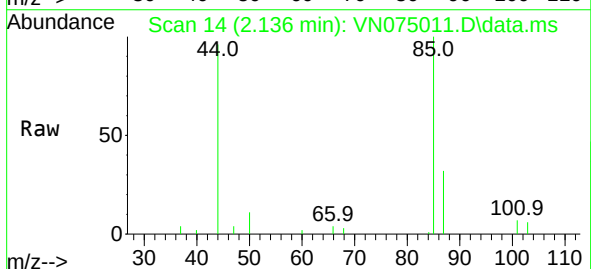
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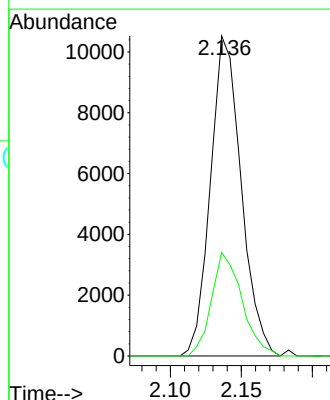
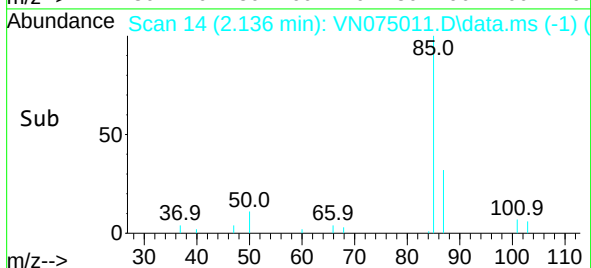
Tgt Ion:128 Resp: 15020
Ion Ratio Lower Upper
128 100
49 156.5 0.0 392.3
130 126.8 0.0 320.2

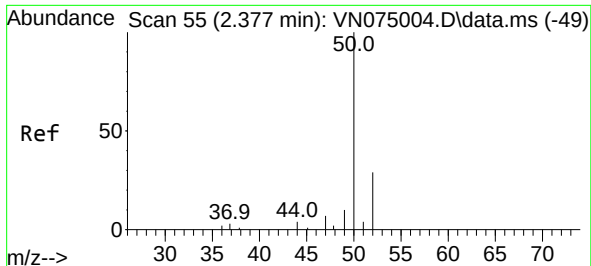


#2
Dichlorodifluoromethane
Concen: 21.644 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42



Tgt Ion: 85 Resp: 15826
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.7

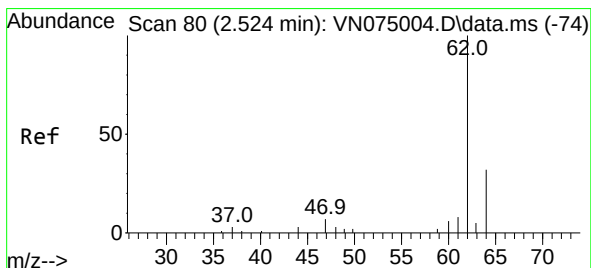
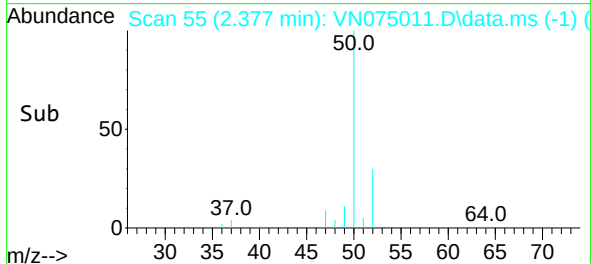
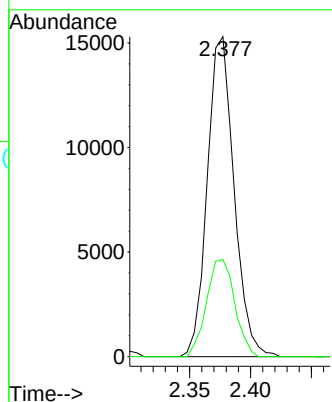
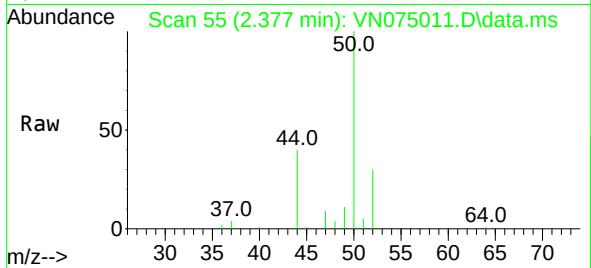




#3
Chloromethane
Concen: 24.309 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

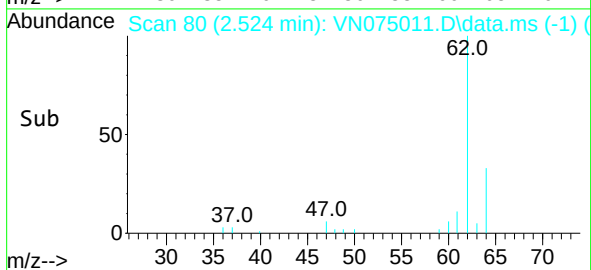
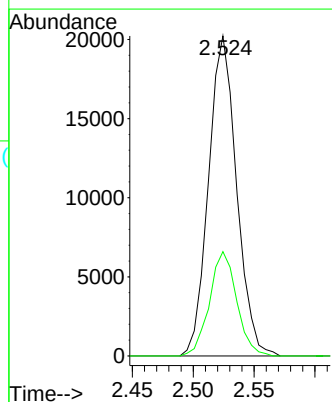
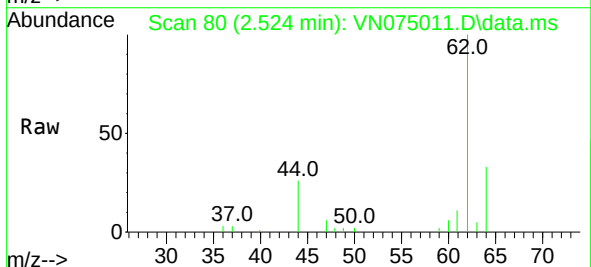
Instrument :
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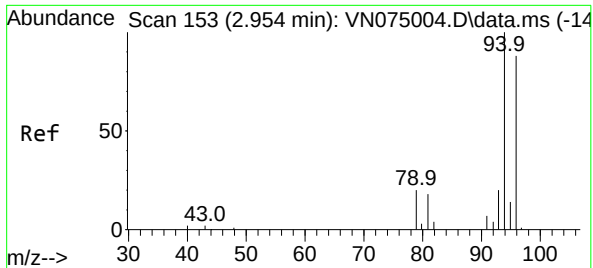
Tgt Ion: 50 Resp: 23381
Ion Ratio Lower Upper
50 100
52 30.4 27.8 41.6



#4
Vinyl Chloride
Concen: 22.302 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 62 Resp: 32436
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7

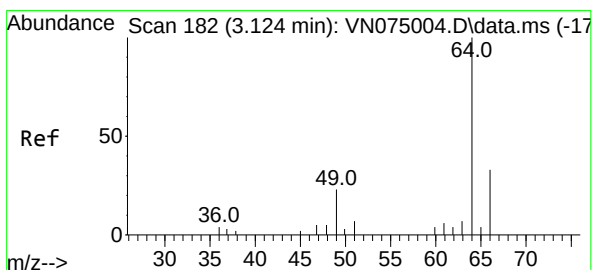
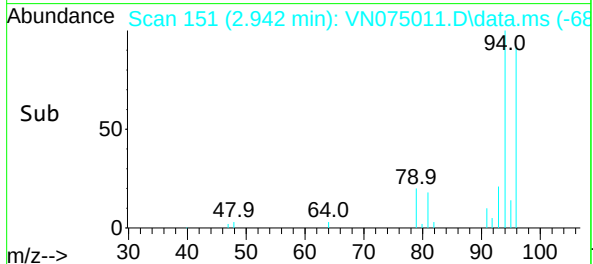
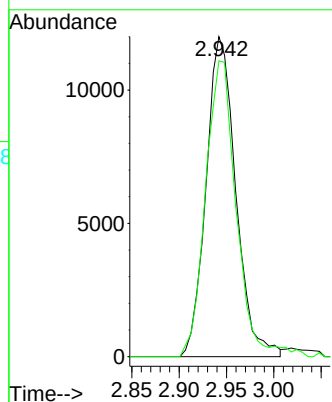
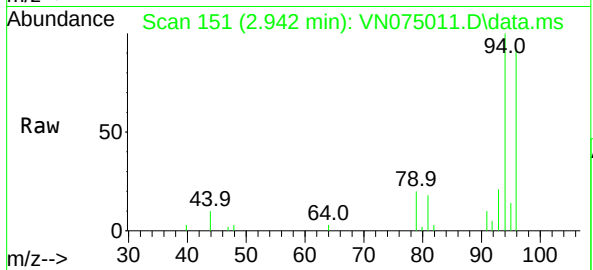




#5
Bromomethane
Concen: 22.791 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

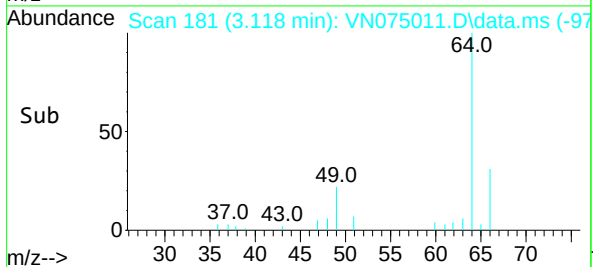
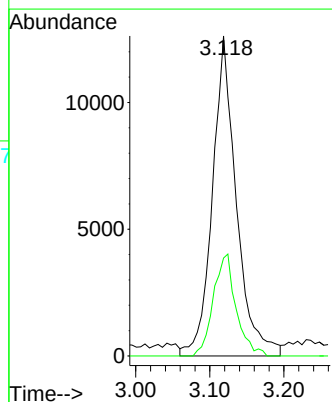
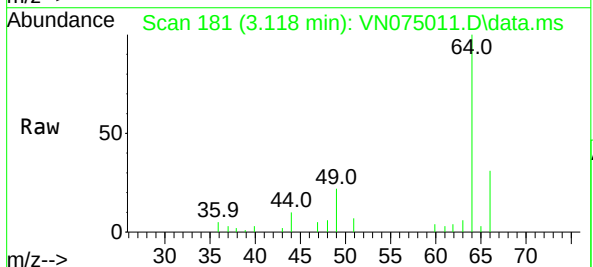
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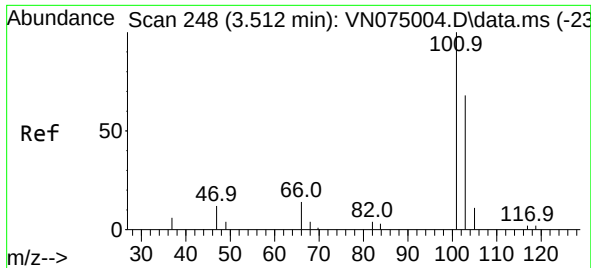
Tgt Ion: 94 Resp: 26206
Ion Ratio Lower Upper
94 100
96 92.5 75.2 112.8



#6
Chloroethane
Concen: 25.278 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

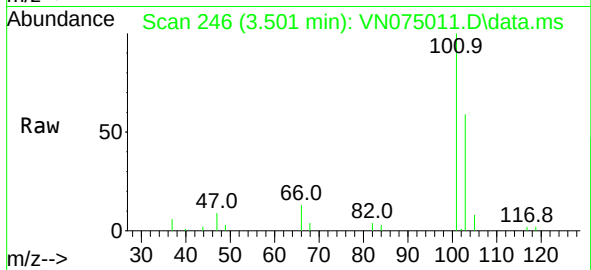
Tgt Ion: 64 Resp: 28357
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8



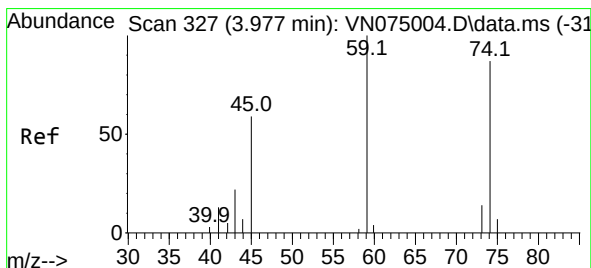
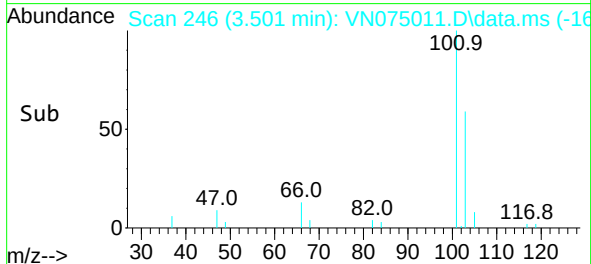
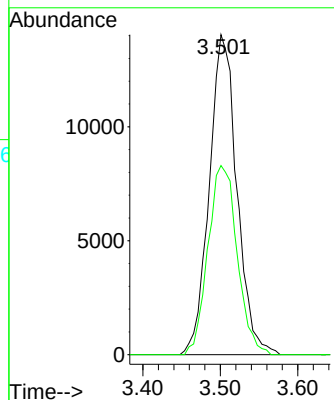


#7
Trichlorofluoromethane
Concen: 22.227 ug/l
RT: 3.501 min Scan# 24
Delta R.T. -0.012 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :

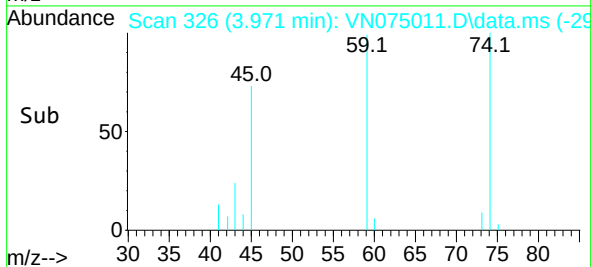
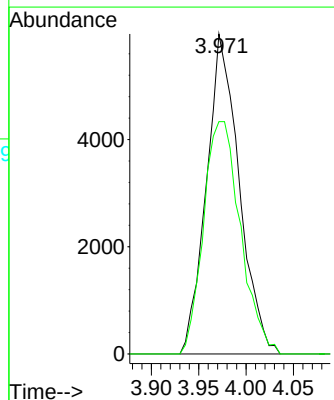
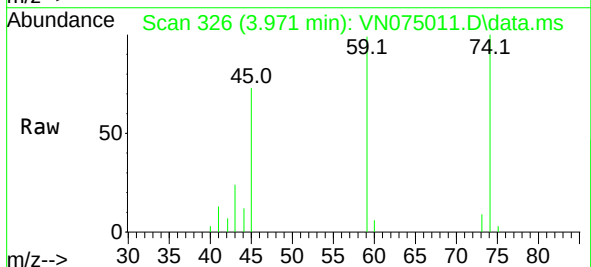


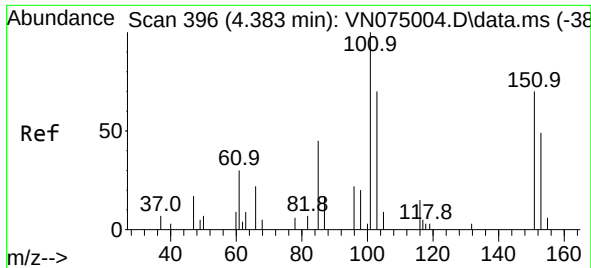
Tgt Ion:101 Resp: 34787
Ion Ratio Lower Upper
101 100
103 59.1 50.1 75.1



#8
Diethyl Ether
Concen: 22.262 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 74 Resp: 14326
Ion Ratio Lower Upper
74 100
45 82.0 17.6 158.8

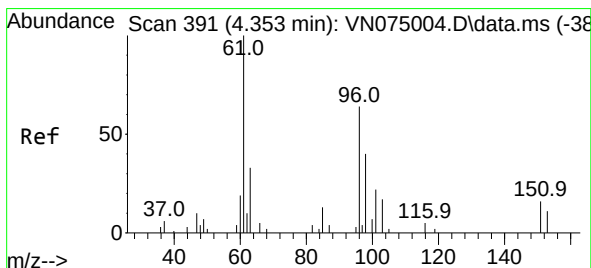
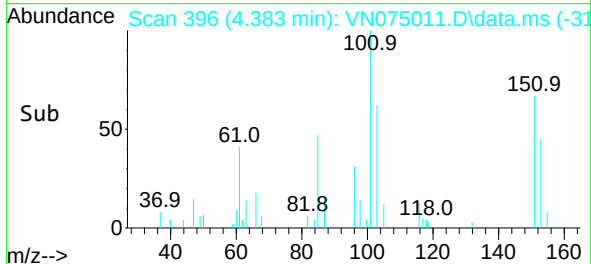
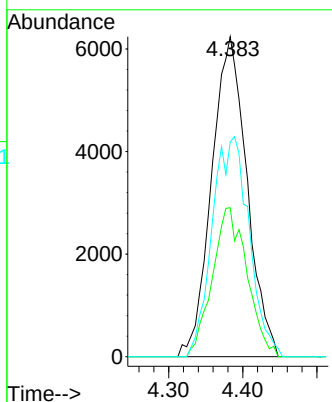
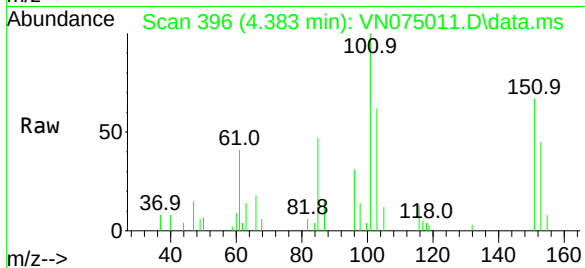




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.471 ug/l
 RT: 4.383 min Scan# 396
 Delta R.T. 0.000 min
 Lab File: VN075011.D
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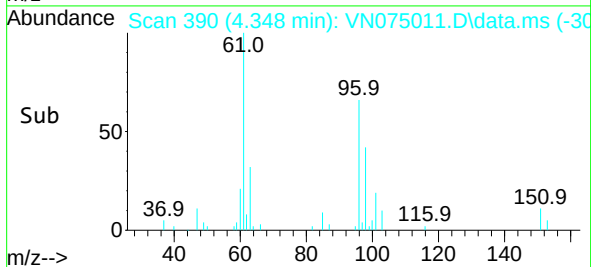
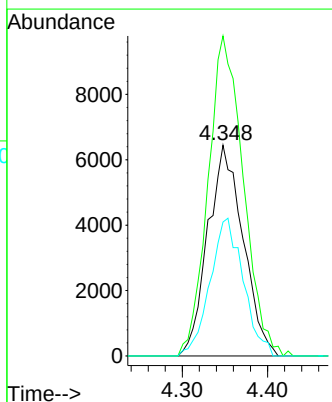
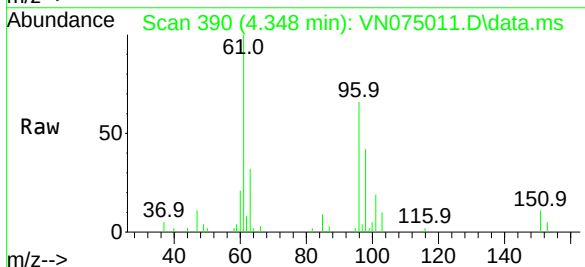
Instrument :
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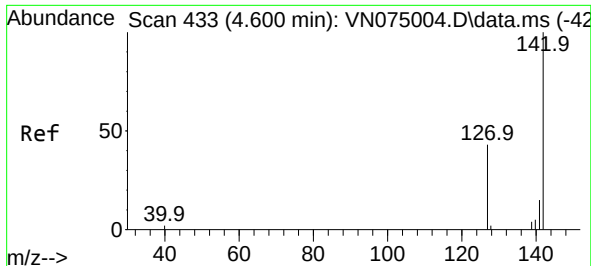
Tgt Ion:101 Resp: 20616
 Ion Ratio Lower Upper
 101 100
 85 29.6 0.0 94.0
 151 40.8 0.0 74.6



#10
 1,1-Dichloroethene
 Concen: 21.582 ug/l
 RT: 4.348 min Scan# 390
 Delta R.T. -0.006 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

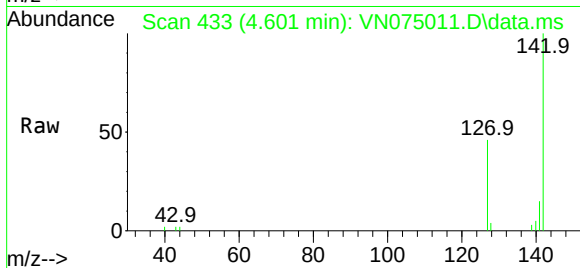
Tgt Ion: 96 Resp: 18572
 Ion Ratio Lower Upper
 96 100
 61 151.9 126.2 189.4
 98 63.6 50.9 76.3



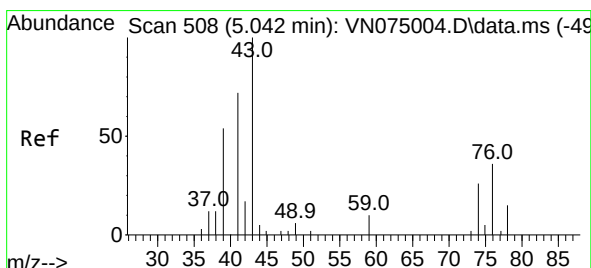
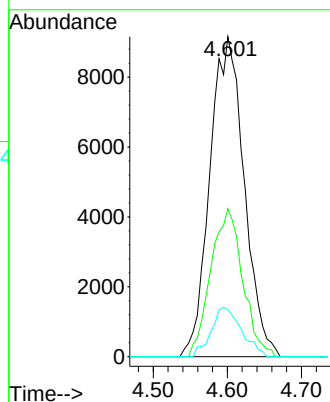
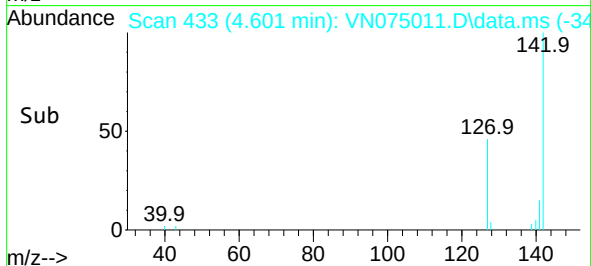


#11
Methyl Iodide
Concen: 21.938 ug/l
RT: 4.601 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :

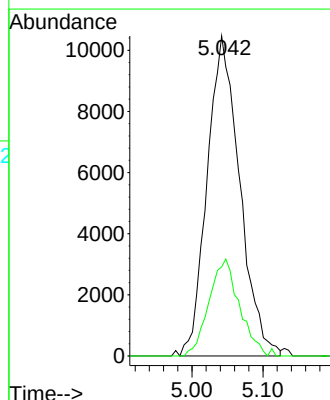
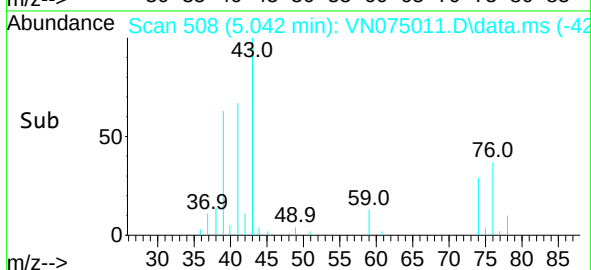
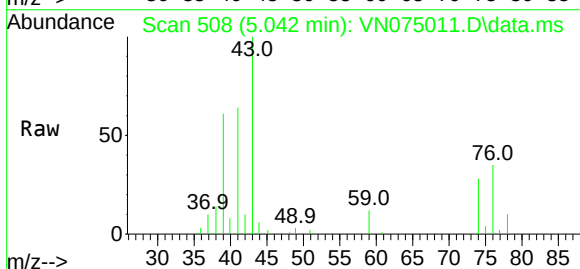


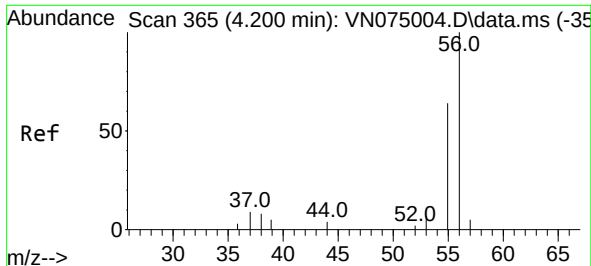
Tgt Ion:142 Resp: 29452
Ion Ratio Lower Upper
142 100
127 46.3 24.0 72.0
141 14.7 8.4 25.2



#12
Methyl Acetate
Concen: 22.843 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

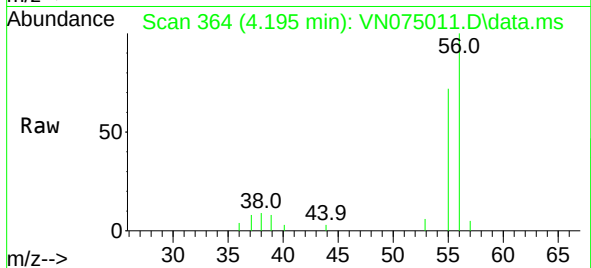
Tgt Ion: 43 Resp: 33299
Ion Ratio Lower Upper
43 100
74 28.0 20.8 31.2



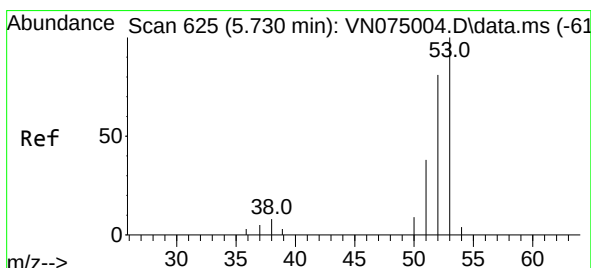
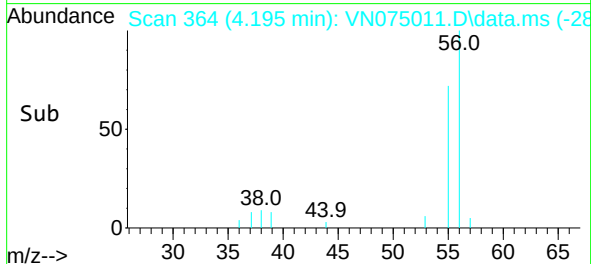
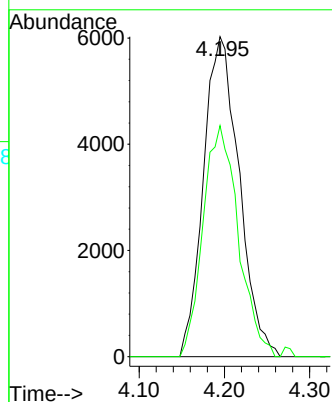


#13
Acrolein
Concen: 98.166 ug/l
RT: 4.195 min Scan# 364
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :

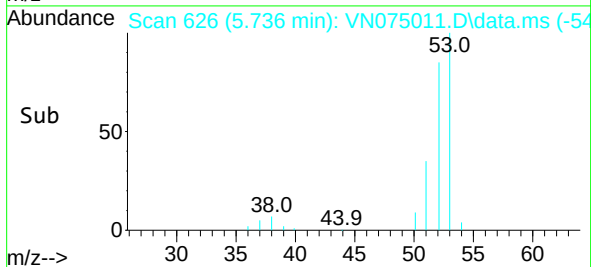
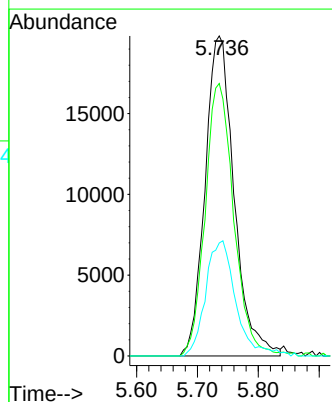
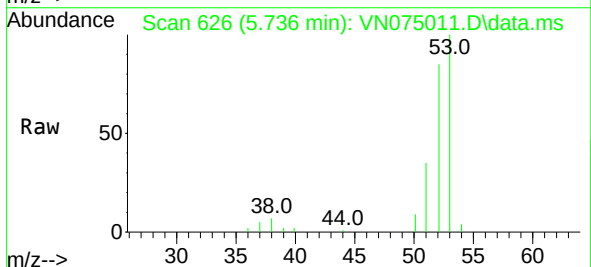


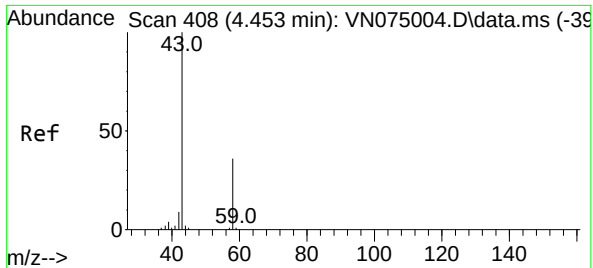
Tgt Ion: 56 Resp: 17527
Ion Ratio Lower Upper
56 100
55 71.3 57.6 86.4



#14
Acrylonitrile
Concen: 109.067 ug/l
RT: 5.736 min Scan# 626
Delta R.T. 0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 53 Resp: 65686
Ion Ratio Lower Upper
53 100
52 83.6 41.8 125.4
51 35.5 19.0 57.0

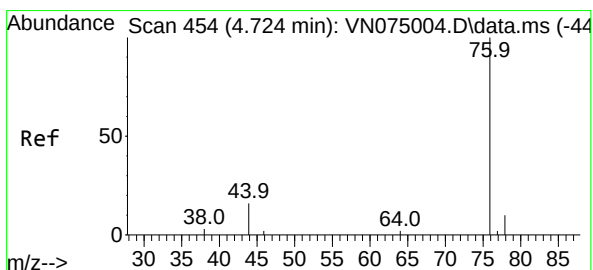
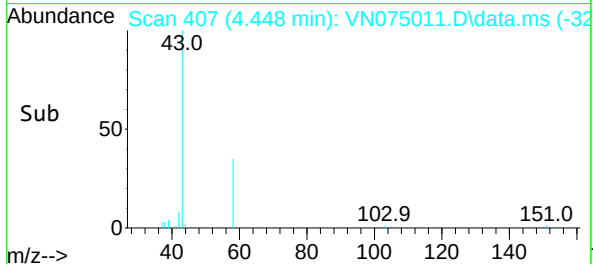
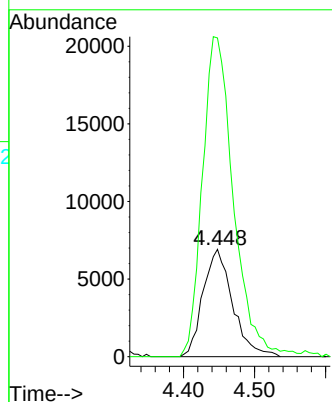
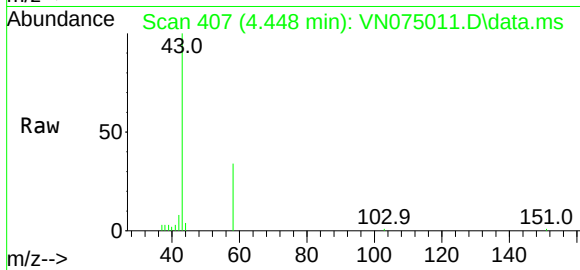




#15
Acetone
Concen: 119.445 ug/l
RT: 4.448 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

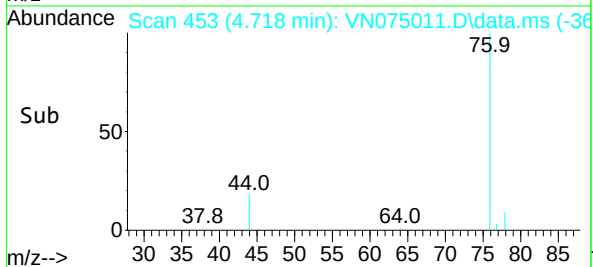
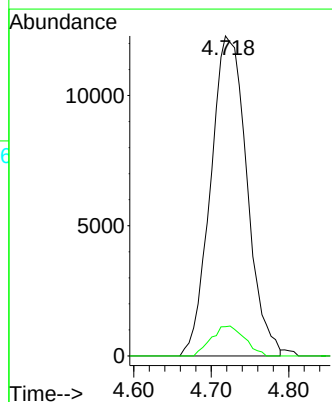
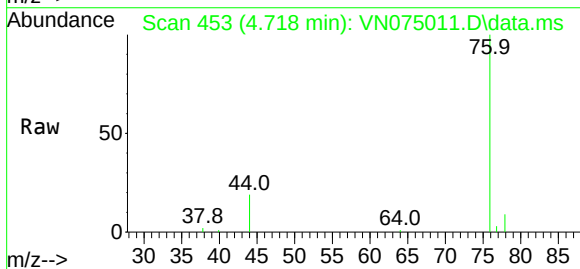
Instrument :
MSVOA_N
ClientSampleId :

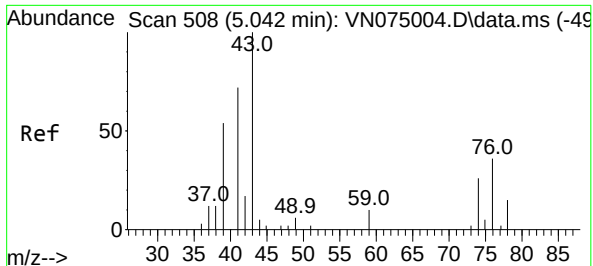
Tgt Ion: 58 Resp: 20098
Ion Ratio Lower Upper
58 100
43 297.1 256.6 384.8



#16
Carbon Disulfide
Concen: 21.067 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

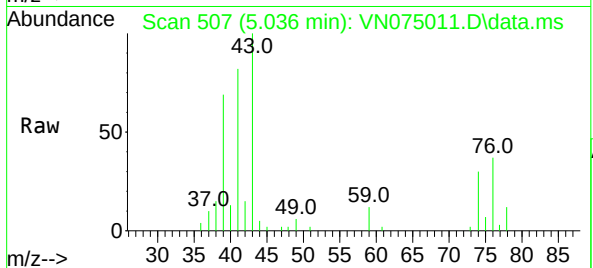
Tgt Ion: 76 Resp: 39910
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8



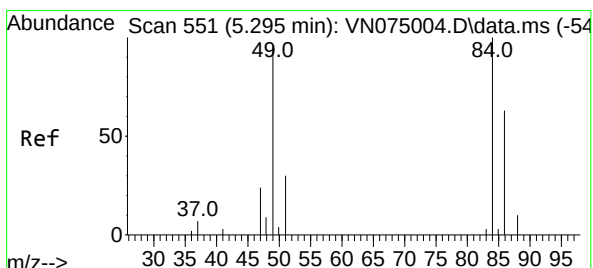
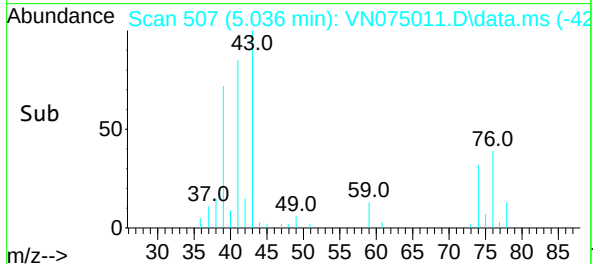
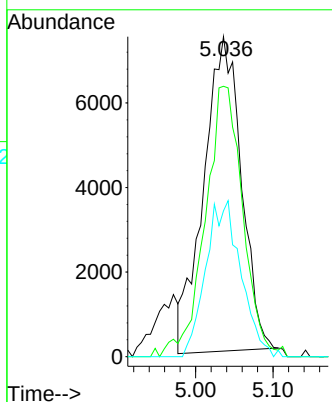


#17
 Allyl chloride
 Concen: 21.795 ug/l
 RT: 5.036 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

Instrument :
 MSVOA_N
 ClientSampleId :

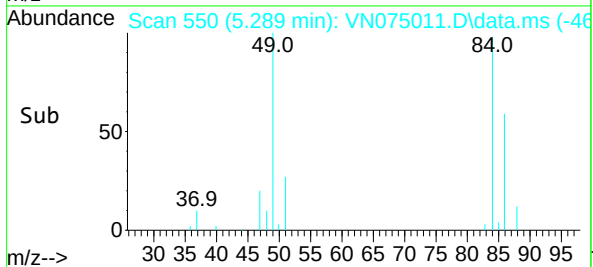
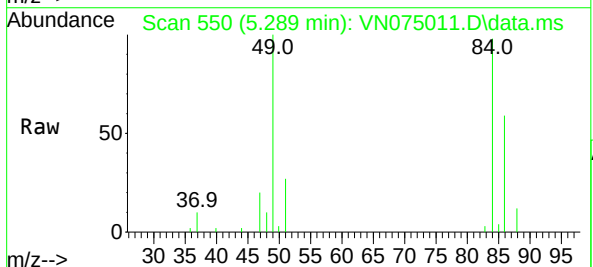
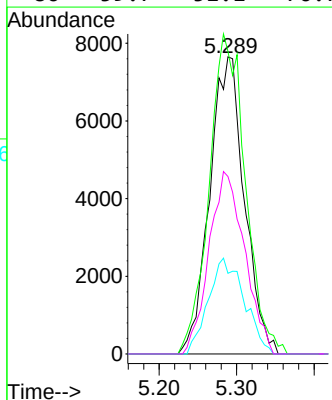


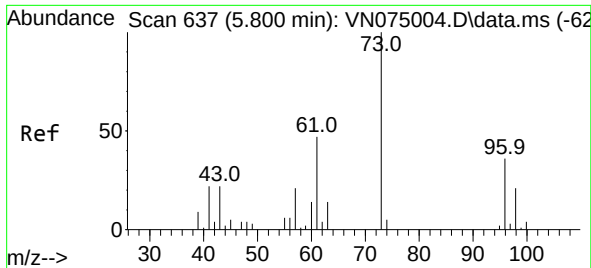
Tgt Ion: 41 Resp: 25130
 Ion Ratio Lower Upper
 41 100
 39 84.7 44.6 134.0
 76 46.8 19.6 58.7



#18
 Methylene Chloride
 Concen: 22.114 ug/l
 RT: 5.289 min Scan# 550
 Delta R.T. -0.006 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

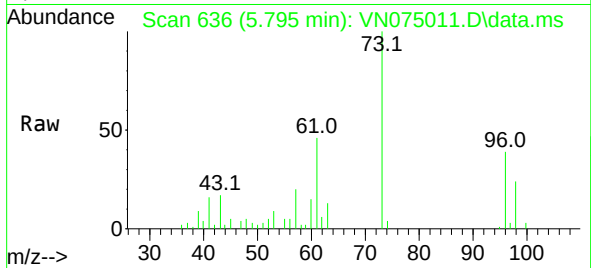
Tgt Ion: 84 Resp: 23841
 Ion Ratio Lower Upper
 84 100
 49 101.8 91.4 137.0
 51 27.1 29.4 44.0#
 86 59.7 51.1 76.7



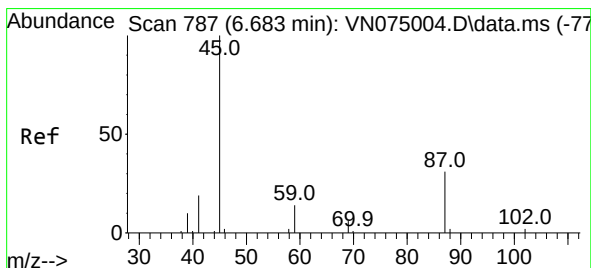
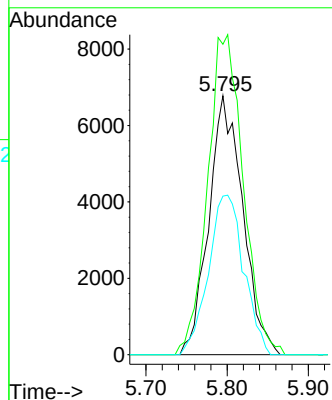
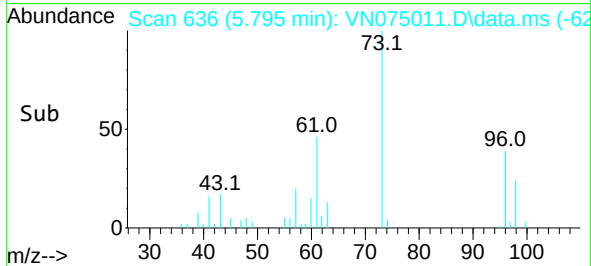


#19
trans-1,2-Dichloroethene
Concen: 20.627 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

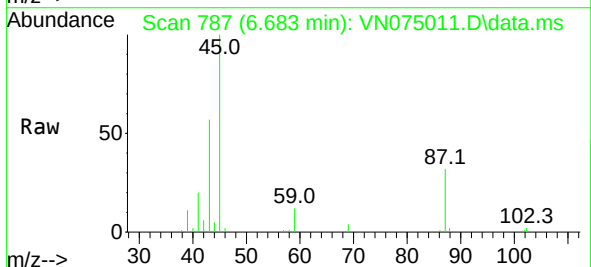
Instrument :
MSVOA_N
ClientSampleId :



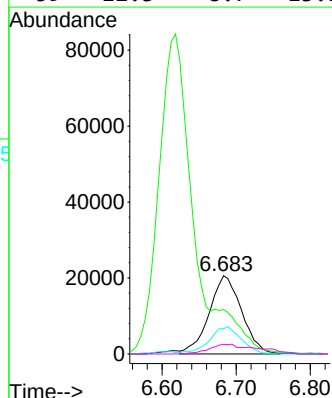
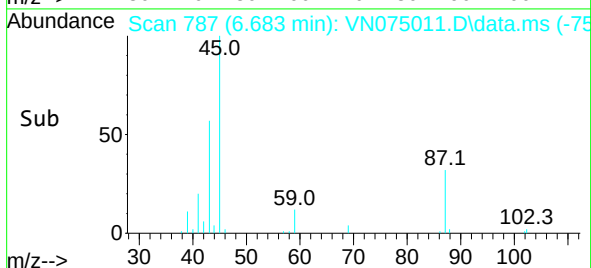
Tgt Ion: 96 Resp: 19734
Ion Ratio Lower Upper
96 100
61 116.6 102.8 154.2
98 61.2 49.3 73.9

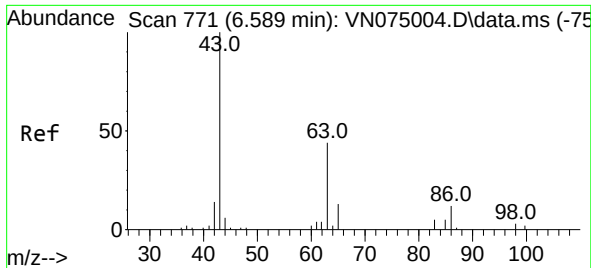


#20
Diisopropyl ether
Concen: 20.901 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42



Tgt Ion: 45 Resp: 62550
Ion Ratio Lower Upper
45 100
43 54.6 51.0 76.4
87 32.6 25.0 37.4
59 12.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 21.122 ug/l

RT: 6.577 min Scan# 7

Delta R.T. -0.012 min

Lab File: VN075011.D

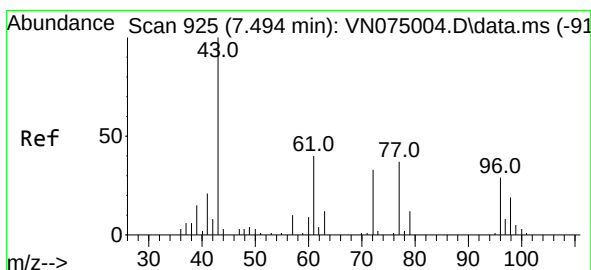
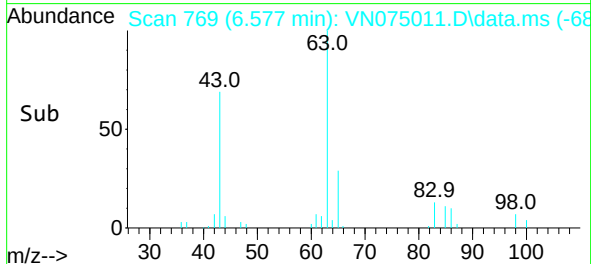
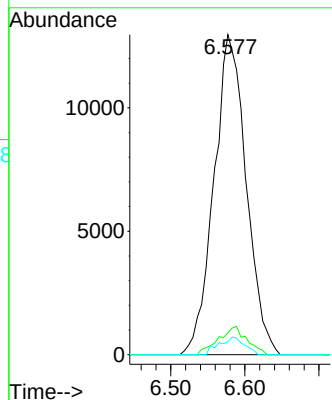
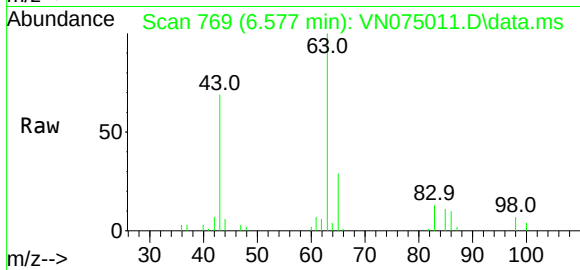
Acq: 25 Oct 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 63	Resp: 39260
Ion Ratio	Lower Upper
63 100	
98 6.9	3.2 9.6
100 4.0	2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 20.584 ug/l

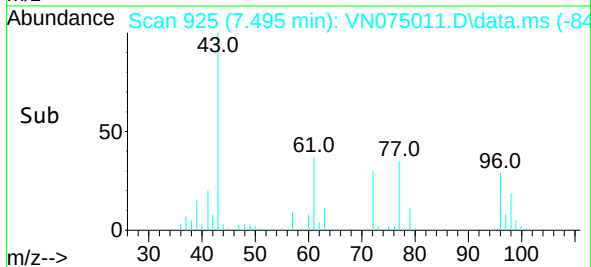
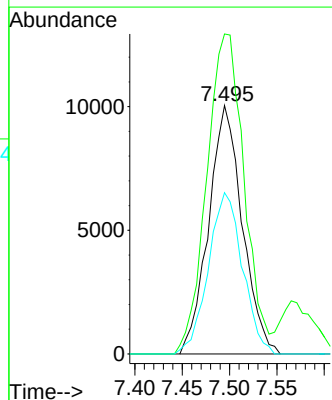
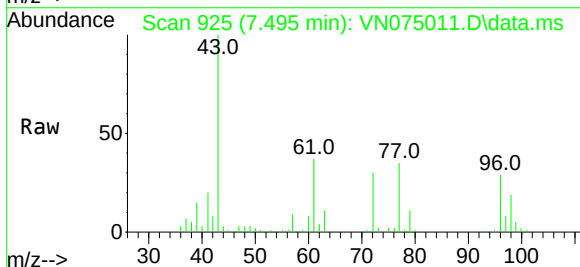
RT: 7.495 min Scan# 925

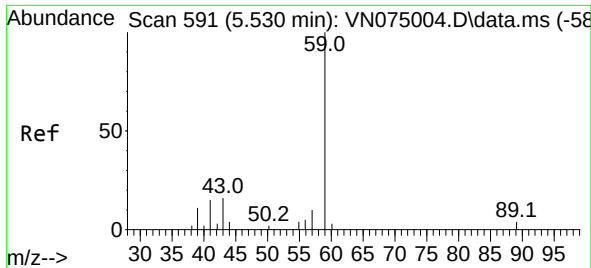
Delta R.T. 0.000 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Tgt Ion: 96	Resp: 24882
Ion Ratio	Lower Upper
96 100	
61 142.4	115.7 173.5
98 65.8	51.6 77.4

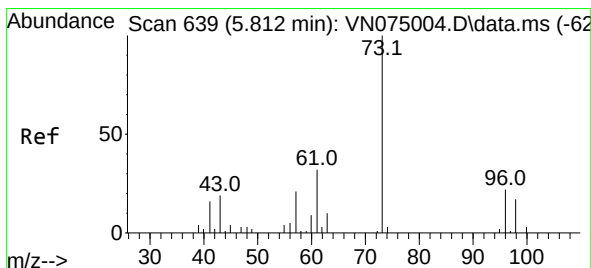
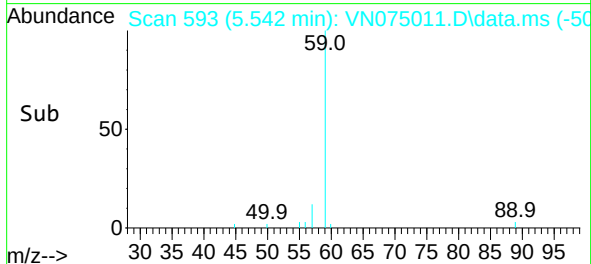
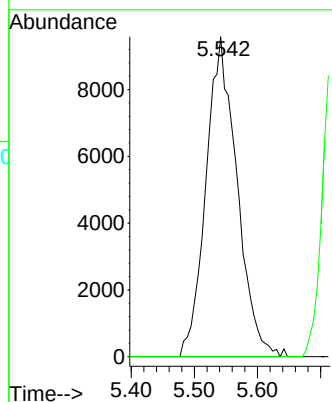
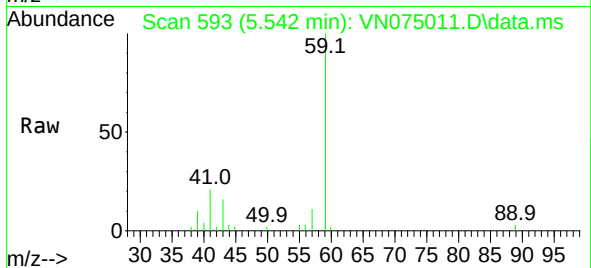




#23
tert-Butyl Alcohol
Concen: 116.958 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.012 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

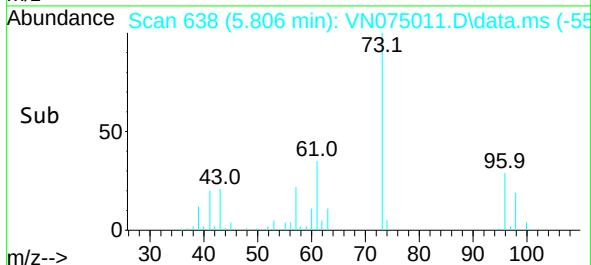
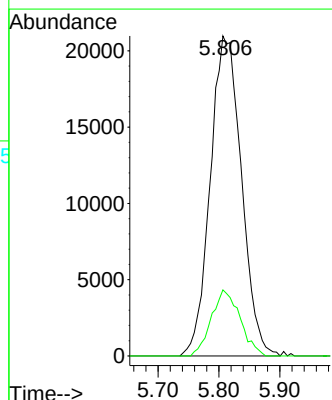
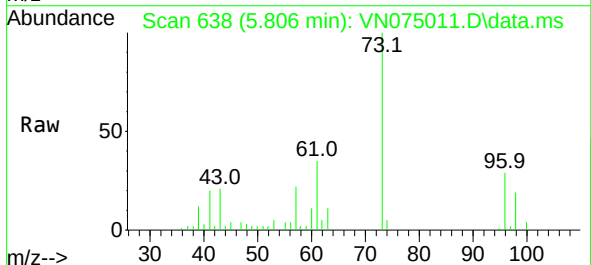
Instrument :
MSVOA_N
ClientSampleId :

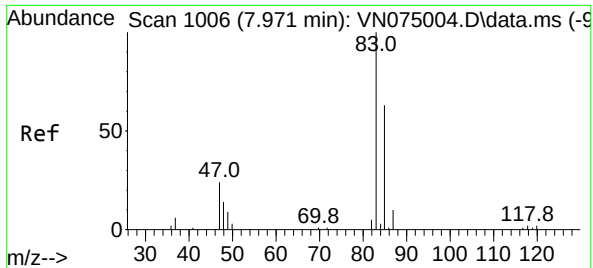
Tgt Ion: 59 Resp: 32607
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.211 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 73 Resp: 74654
Ion Ratio Lower Upper
73 100
43 19.0 18.1 27.1

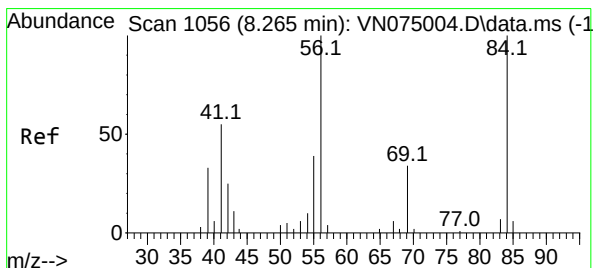
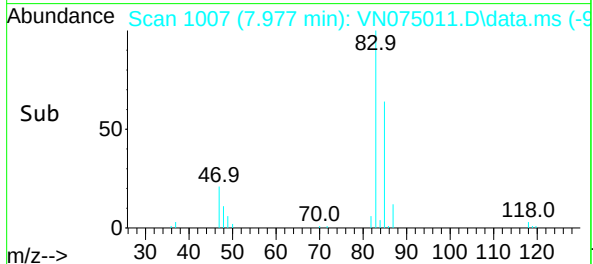
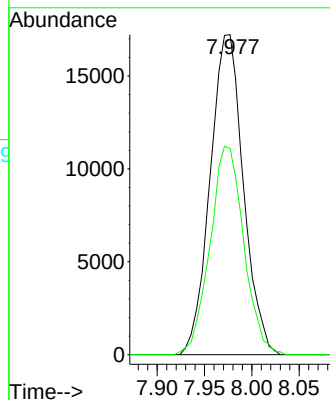
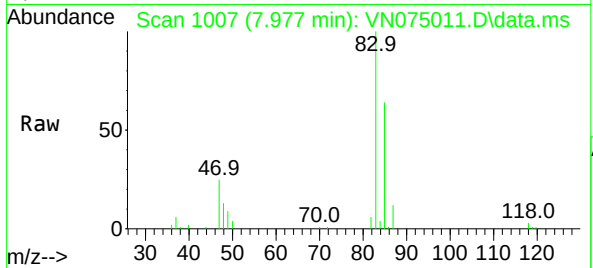




#25
Chloroform
Concen: 20.501 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

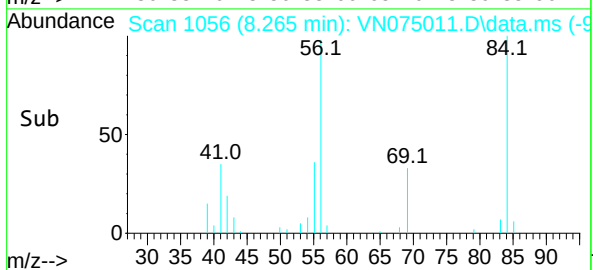
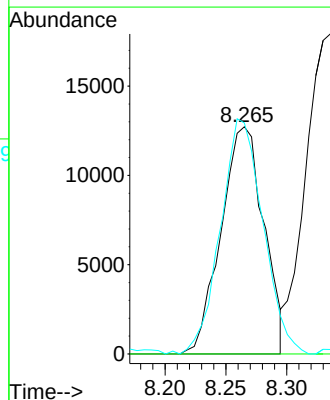
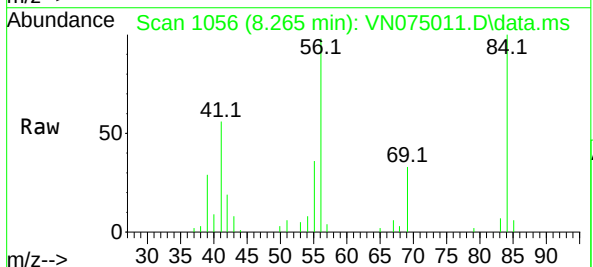
Instrument :
MSVOA_N
ClientSampleId :

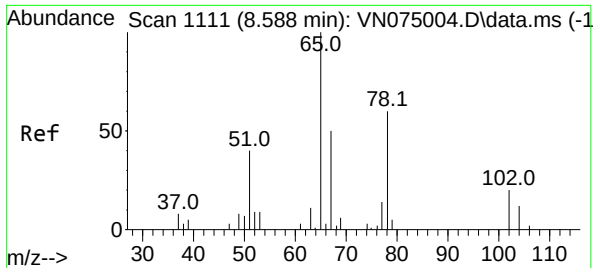
Tgt Ion: 83 Resp: 42098
Ion Ratio Lower Upper
83 100
85 63.6 51.3 76.9



#26
Cyclohexane
Concen: 20.833 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 56 Resp: 31107
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 102.6 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 32.970 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Instrument :

MSVOA_N

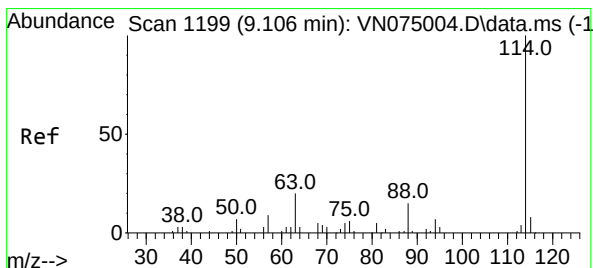
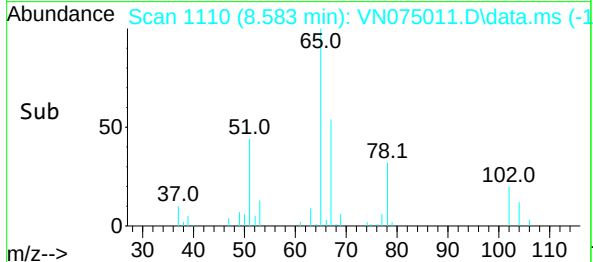
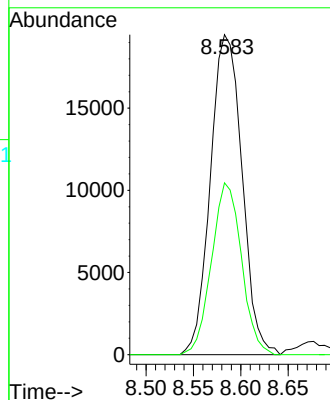
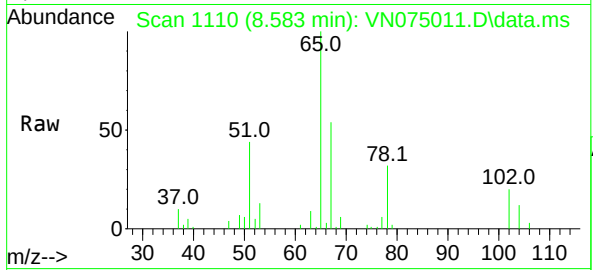
ClientSampleId :

Tgt Ion: 65 Resp: 45280

Ion Ratio Lower Upper

65 100

67 50.8 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: VN075011.D

Acq: 25 Oct 2022 16:42

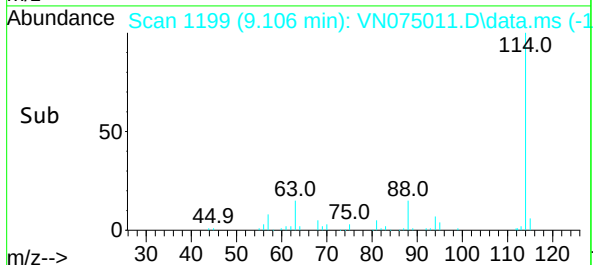
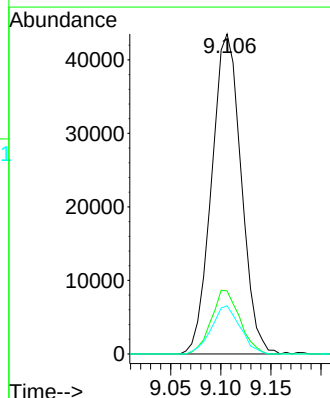
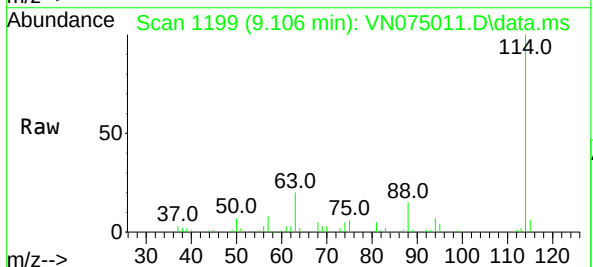
Tgt Ion: 114 Resp: 89304

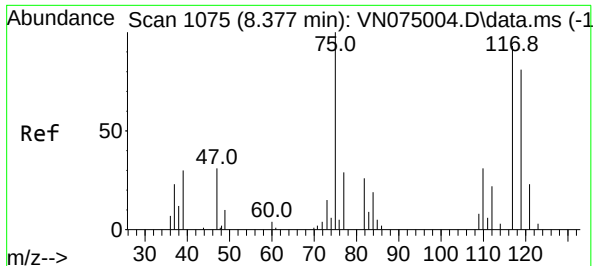
Ion Ratio Lower Upper

114 100

63 19.2 15.8 23.6

88 14.6 11.6 17.4





#29

1,1-Dichloropropene

Concen: 18.861 ug/l

RT: 8.371 min Scan# 1

Delta R.T. -0.006 min

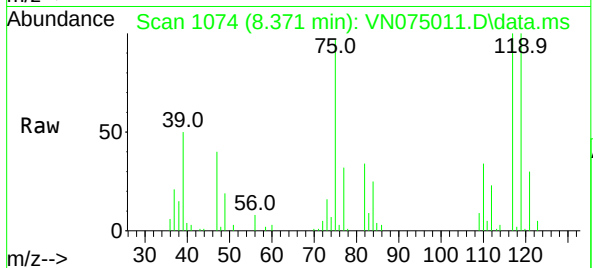
Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :



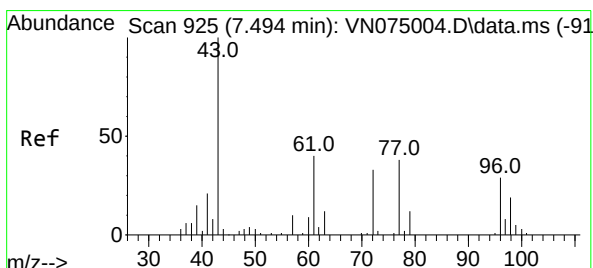
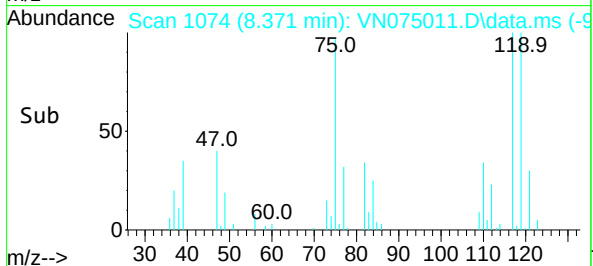
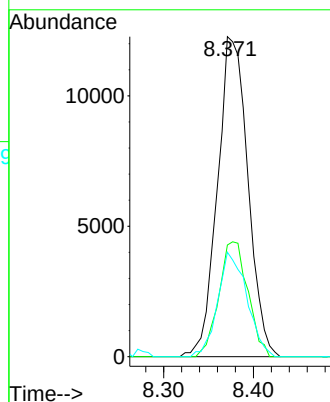
Tgt Ion: 75 Resp: 28891

Ion Ratio Lower Upper

75 100

110 34.2 0.0 74.2

77 31.3 0.0 63.2



#30

2-Butanone

Concen: 104.267 ug/l

RT: 7.495 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

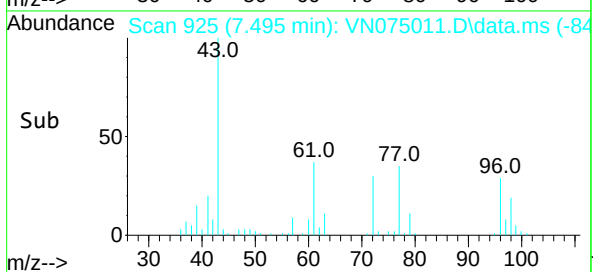
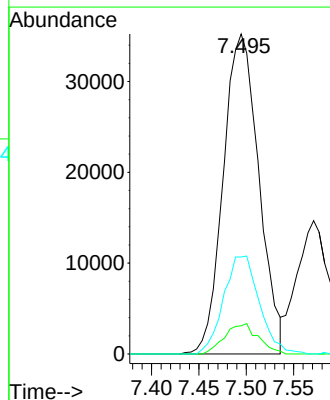
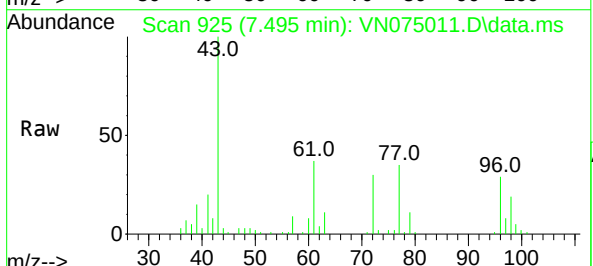
Tgt Ion: 43 Resp: 92071

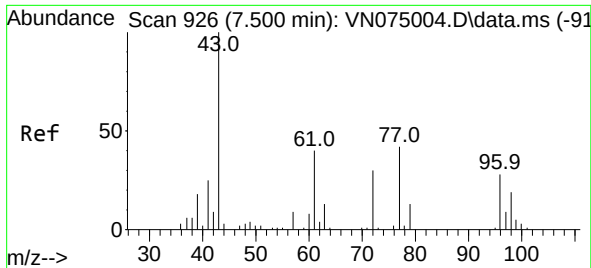
Ion Ratio Lower Upper

43 100

57 8.9 6.7 10.1

72 30.7 23.2 34.8

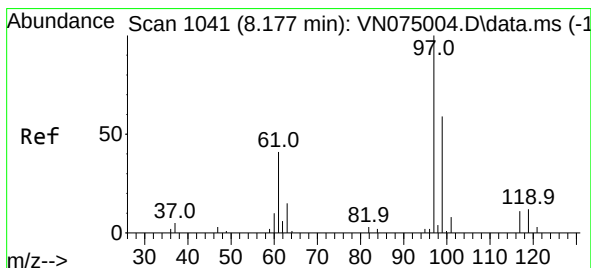
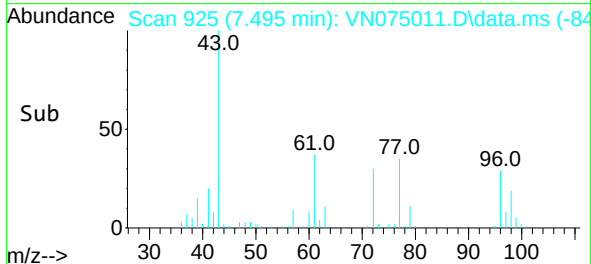
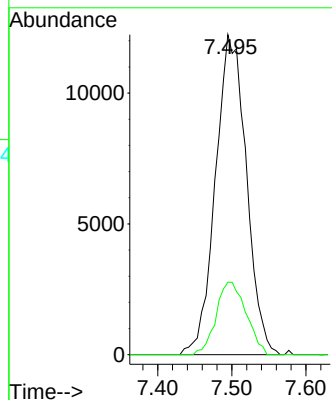
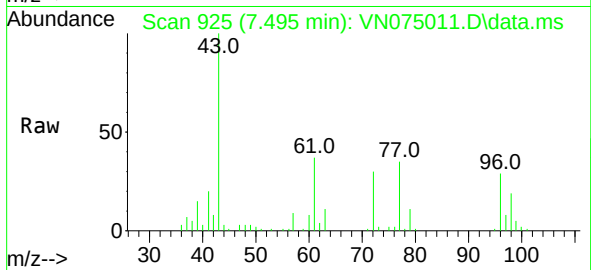




#31
2,2-Dichloropropane
Concen: 18.945 ug/l
RT: 7.495 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

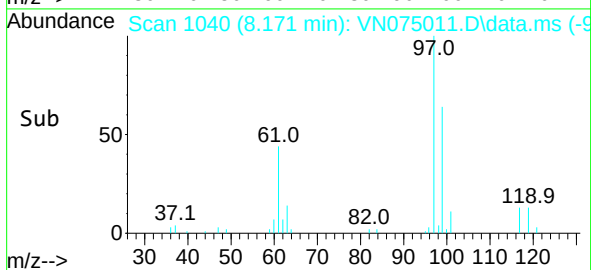
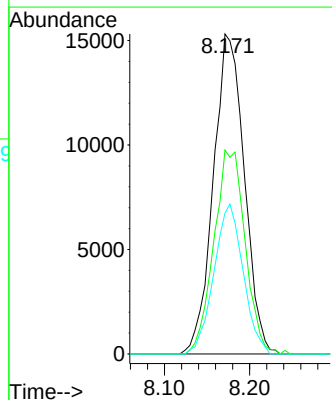
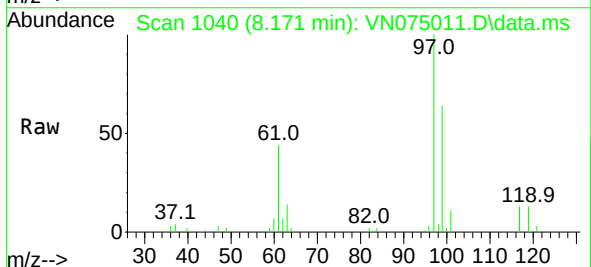
Instrument :
MSVOA_N
ClientSampleId :

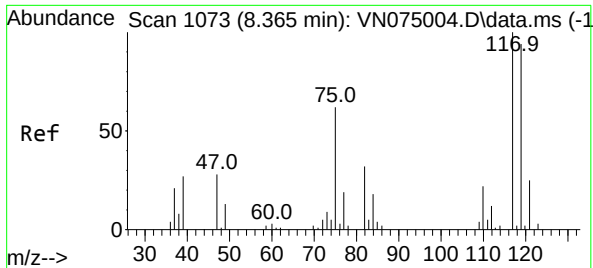
Tgt Ion: 77 Resp: 35449
Ion Ratio Lower Upper
77 100
97 22.0 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.511 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

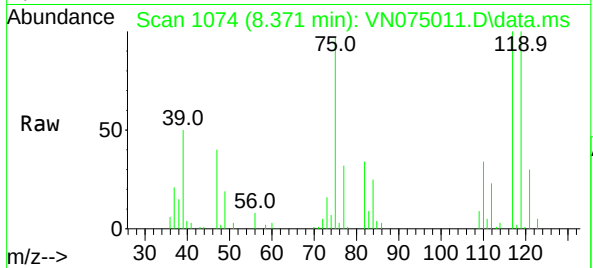
Tgt Ion: 97 Resp: 38708
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 44.2 34.6 51.8



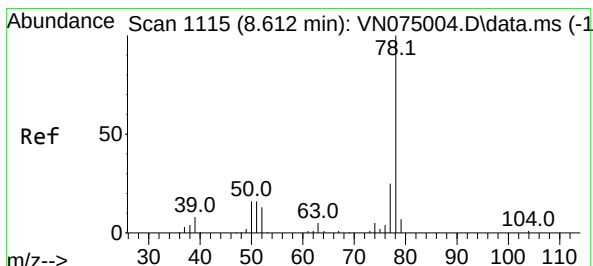
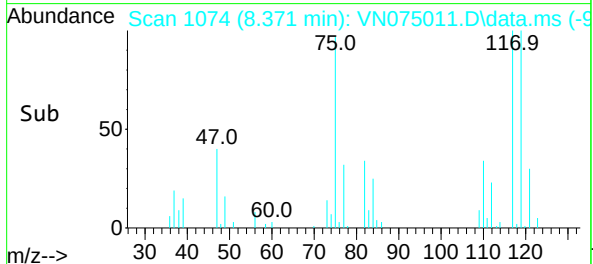
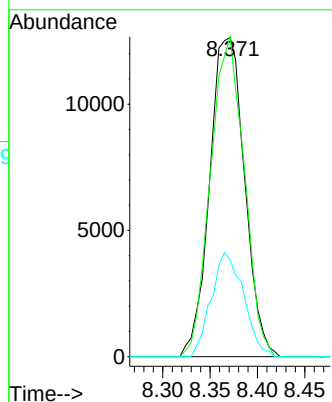


#33
Carbon Tetrachloride
Concen: 18.552 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :

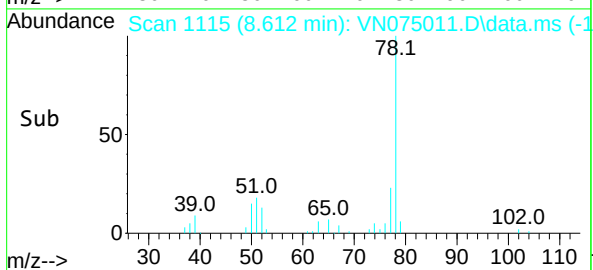
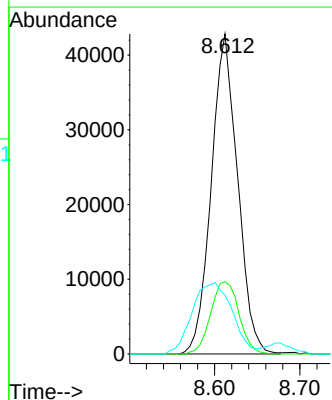
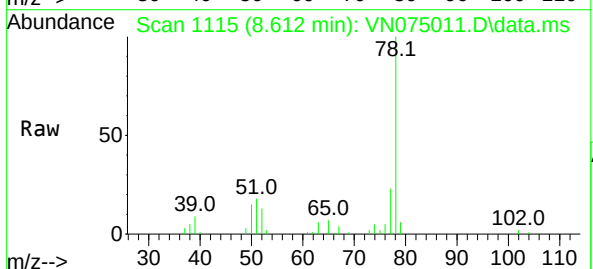


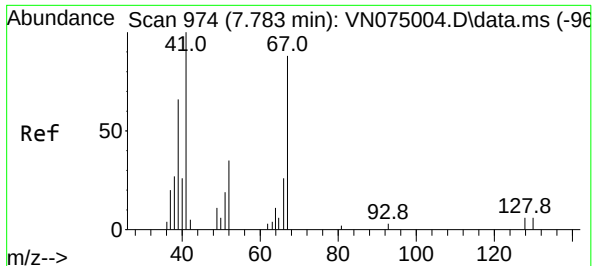
Tgt Ion:117 Resp: 32407
Ion Ratio Lower Upper
117 100
119 100.2 77.5 116.3
121 30.3 23.5 35.3



#34
Benzene
Concen: 19.613 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 78 Resp: 91850
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7
51 15.0 16.0 24.0#



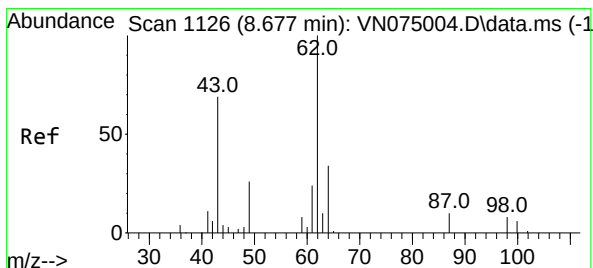
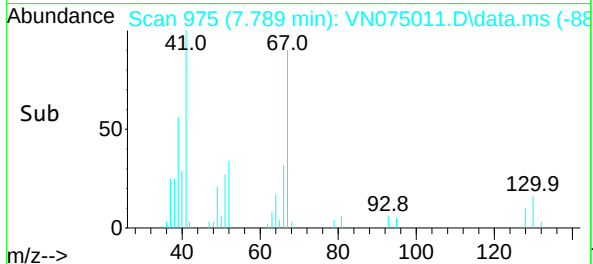
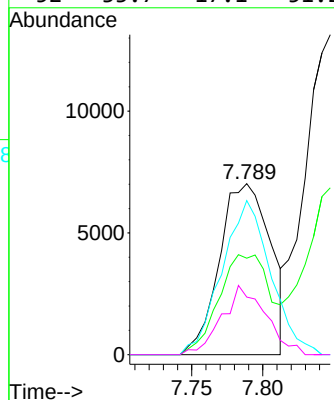
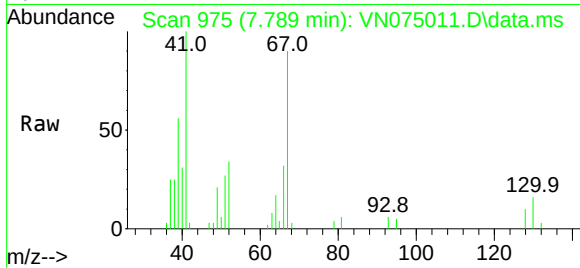


#35
Methacrylonitrile
Concen: 20.712 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 17530

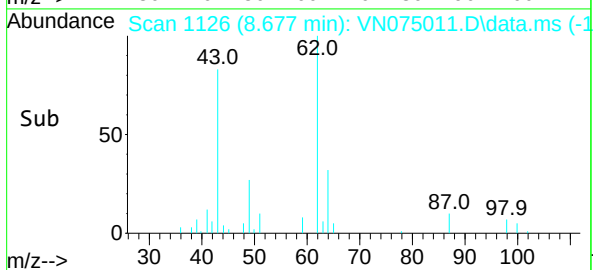
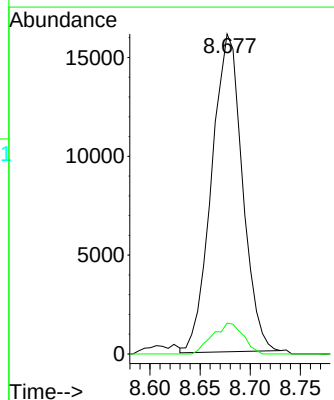
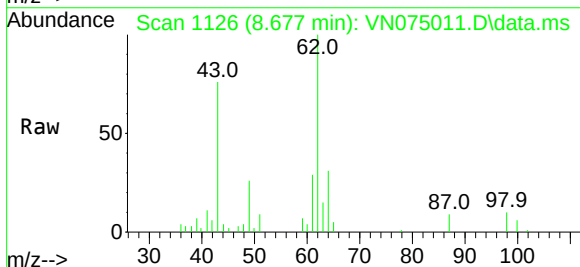
Ion	Ratio	Lower	Upper
41	100		
39	56.4	28.0	83.9
67	90.1	37.7	113.1
52	33.7	17.1	51.2

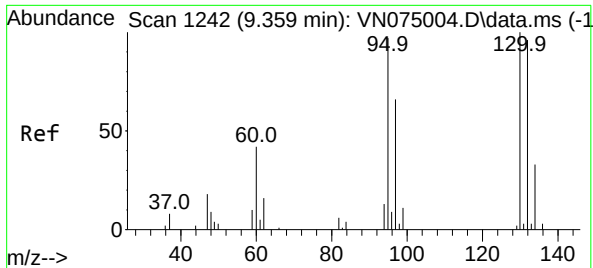


#36
1,2-Dichloroethane
Concen: 19.849 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 62 Resp: 34443

Ion	Ratio	Lower	Upper
62	100		
98	9.6	6.6	10.0





#37

Trichloroethene

Concen: 19.244 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Instrument :

MSVOA_N

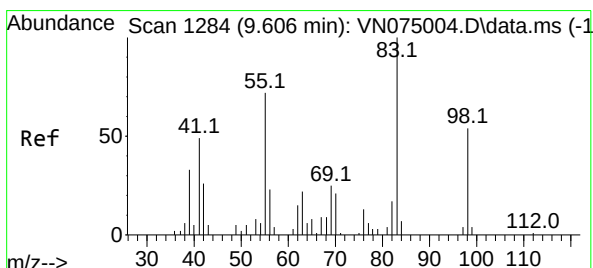
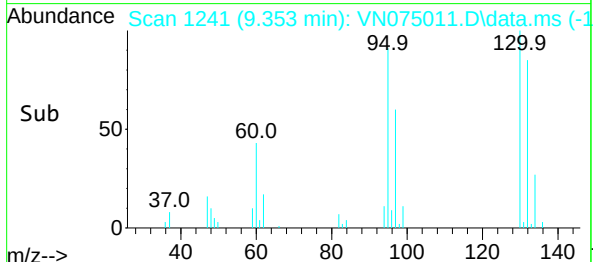
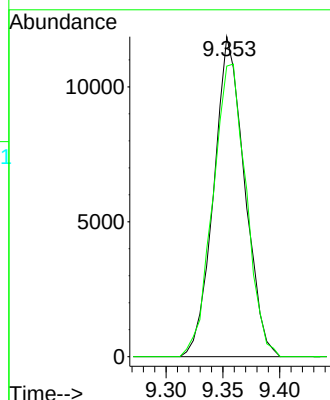
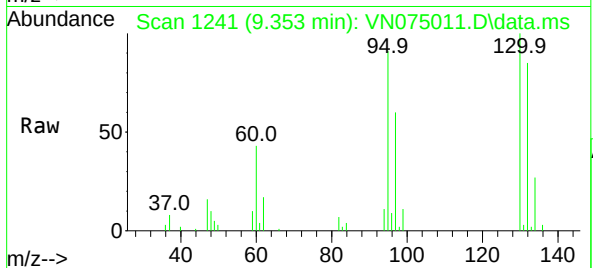
ClientSampleId :

Tgt Ion:130 Resp: 22395

Ion Ratio Lower Upper

130 100

95 90.8 76.6 115.0



#38

Methylcyclohexane

Concen: 18.908 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

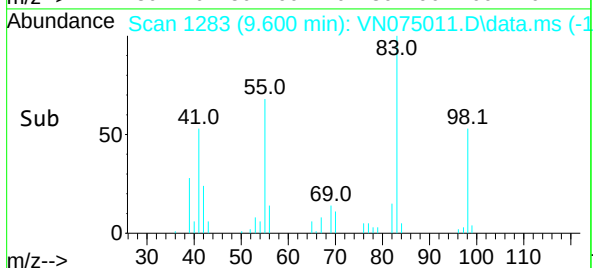
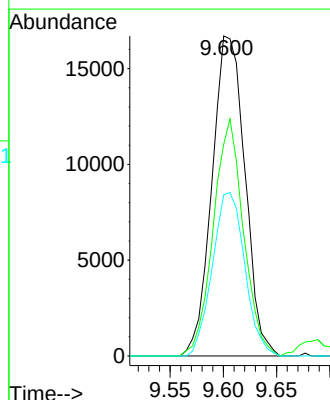
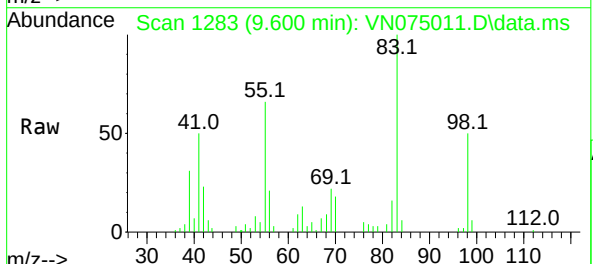
Tgt Ion: 83 Resp: 35913

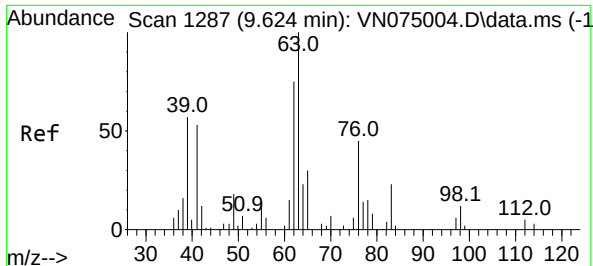
Ion Ratio Lower Upper

83 100

55 67.8 35.1 105.3

98 50.2 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.974 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Instrument :

MSVOA_N

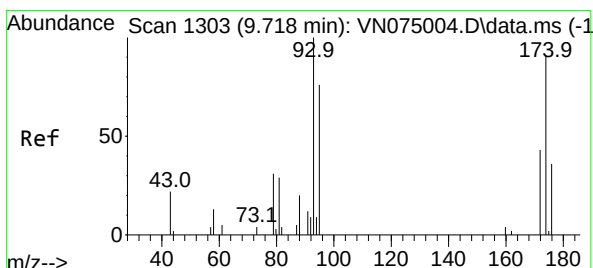
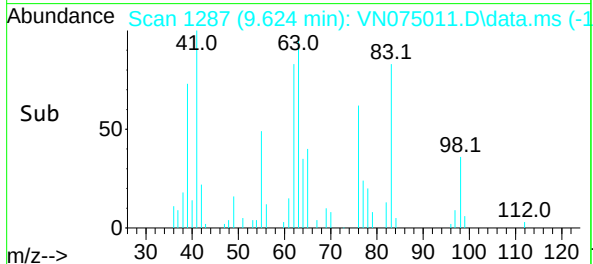
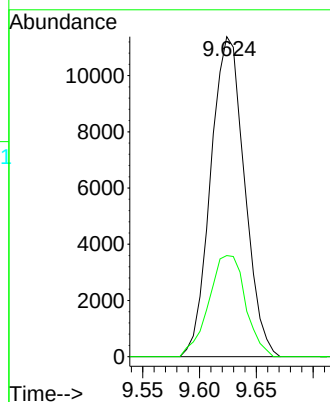
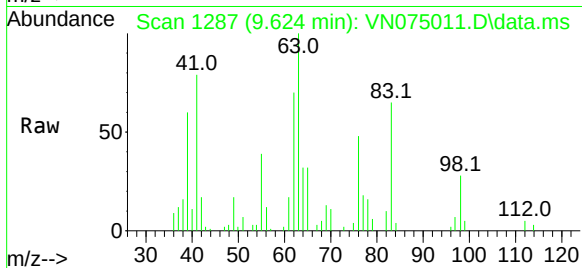
ClientSampleId :

Tgt Ion: 63 Resp: 23547

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.4



#40

Dibromomethane

Concen: 20.381 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

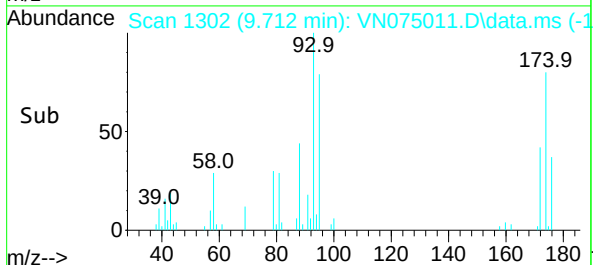
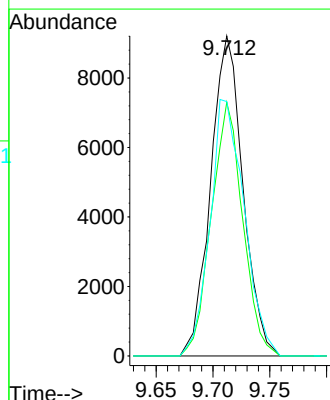
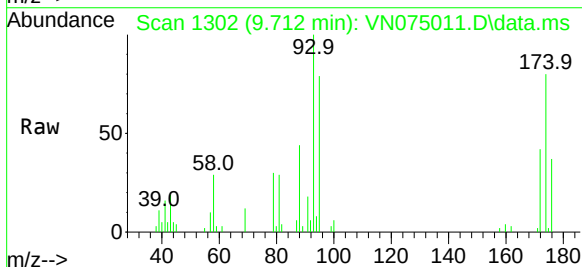
Tgt Ion: 93 Resp: 18229

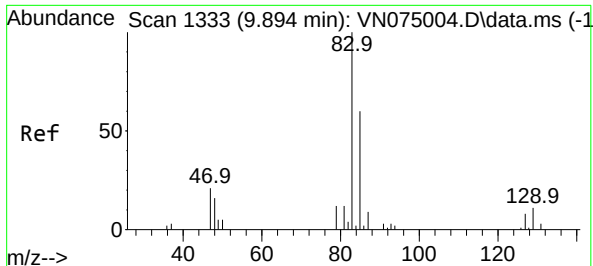
Ion Ratio Lower Upper

93 100

95 76.8 0.0 168.8

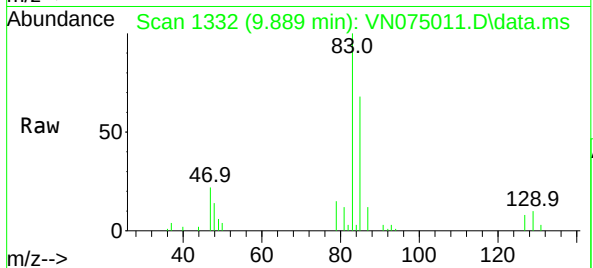
174 84.7 0.0 173.6



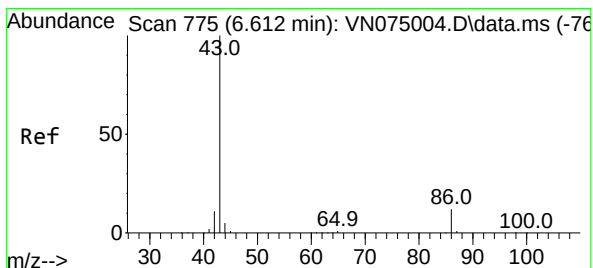
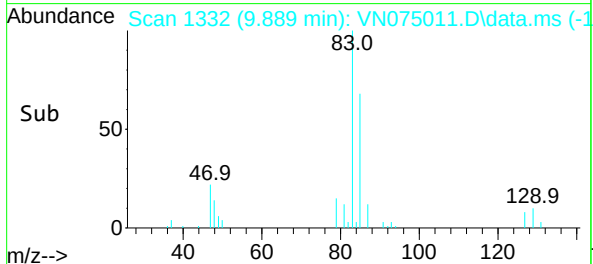
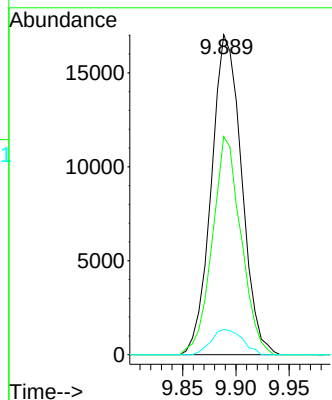


#41
Bromodichloromethane
Concen: 19.305 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :

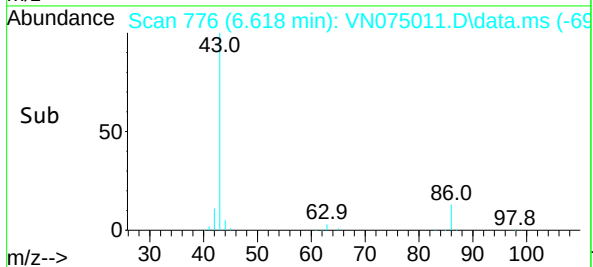
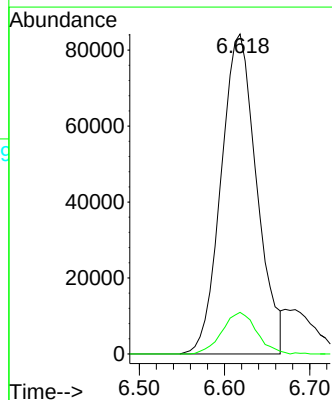
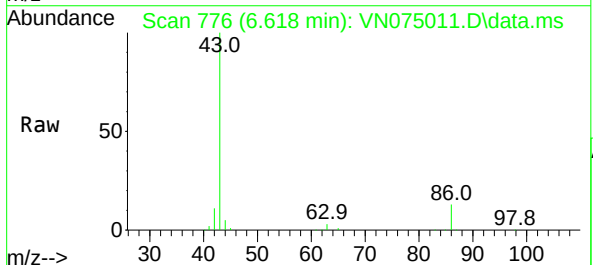


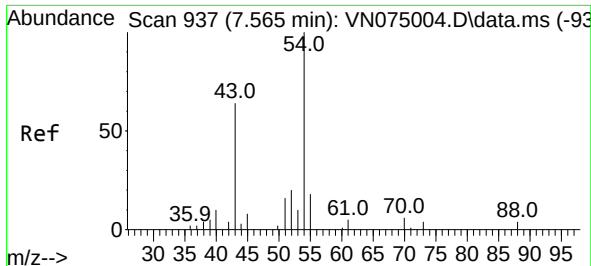
Tgt Ion: 83 Resp: 33616
Ion Ratio Lower Upper
83 100
85 68.2 54.1 81.1
127 7.9 7.6 11.4



#42
Vinyl Acetate
Concen: 98.613 ug/l
RT: 6.618 min Scan# 776
Delta R.T. 0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 43 Resp: 245279
Ion Ratio Lower Upper
43 100
86 12.6 7.5 11.3#

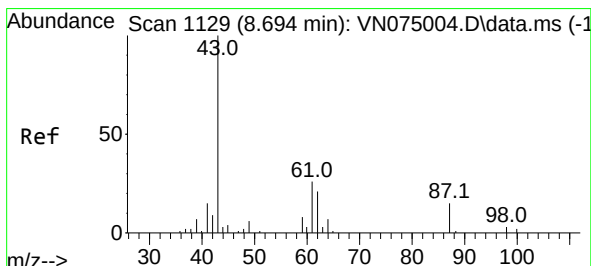
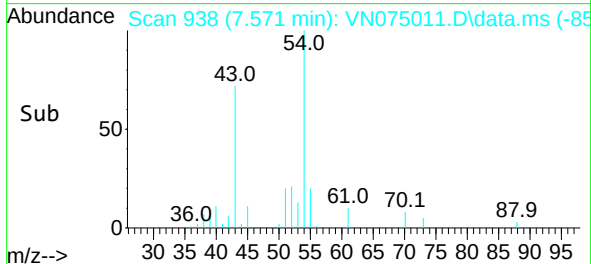
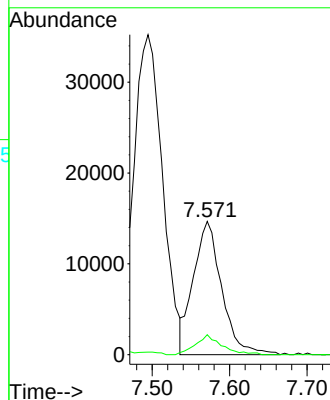
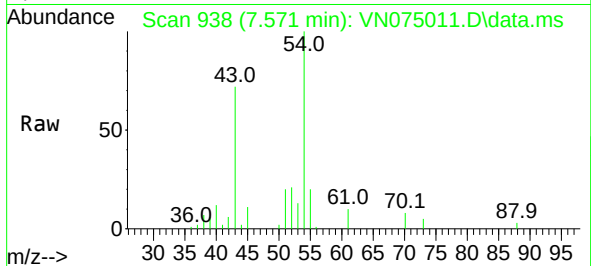




#43
Ethyl Acetate
Concen: 21.367 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

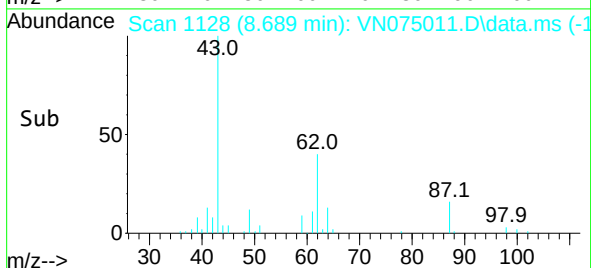
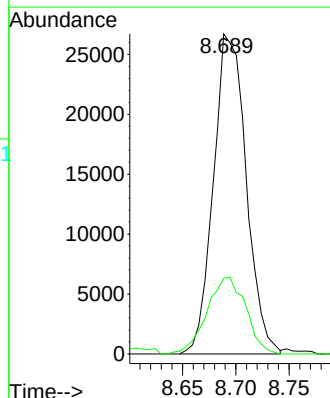
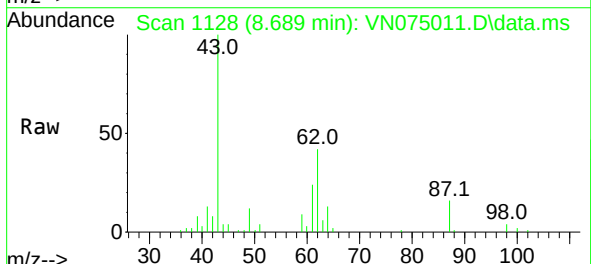
Instrument :
MSVOA_N
ClientSampleId :

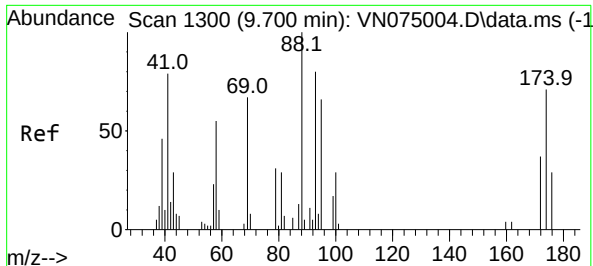
Tgt Ion: 43 Resp: 37289
Ion Ratio Lower Upper
43 100
45 13.4 10.6 16.0



#44
Isopropyl Acetate
Concen: 20.407 ug/l
RT: 8.689 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 43 Resp: 57125
Ion Ratio Lower Upper
43 100
61 28.3 20.1 30.1

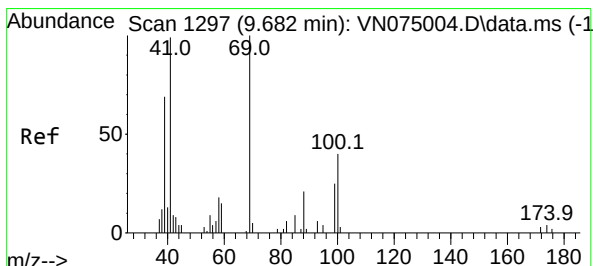
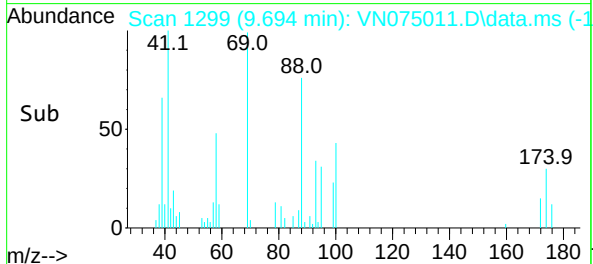
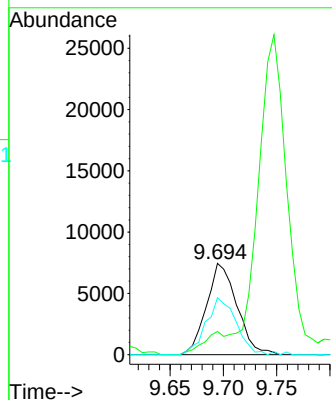
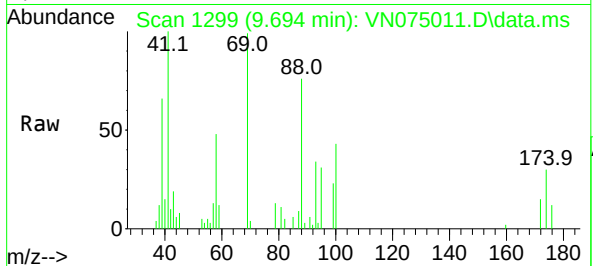




#45
1,4-Dioxane
Concen: 429.577 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

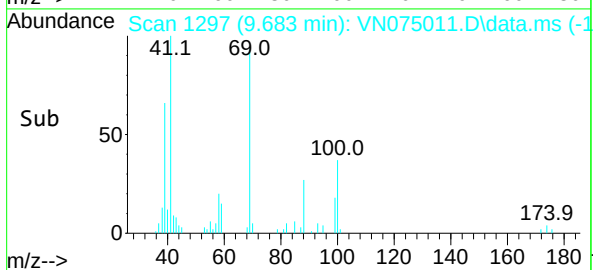
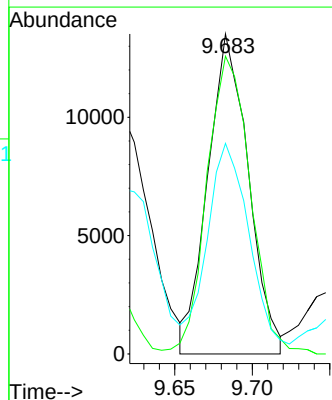
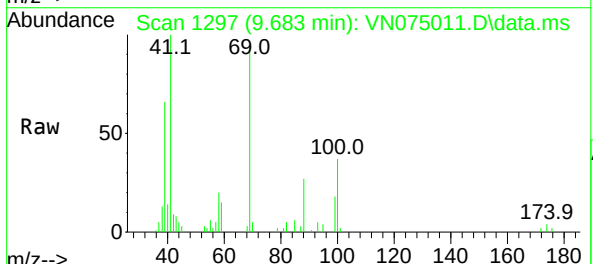
Instrument :
MSVOA_N
ClientSampleId :

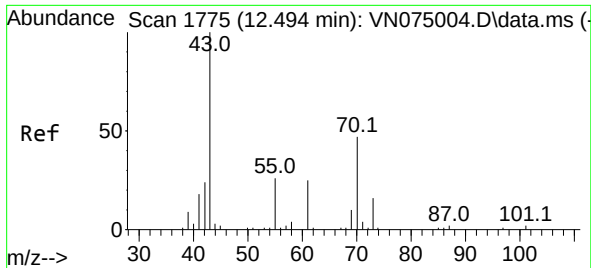
Tgt Ion: 88 Resp: 14801
Ion Ratio Lower Upper
88 100
43 17.7 25.0 37.6#
58 61.4 49.4 74.2



#46
Methyl methacrylate
Concen: 19.554 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 41 Resp: 24555
Ion Ratio Lower Upper
41 100
69 94.9 44.4 133.2
39 65.0 39.9 119.6

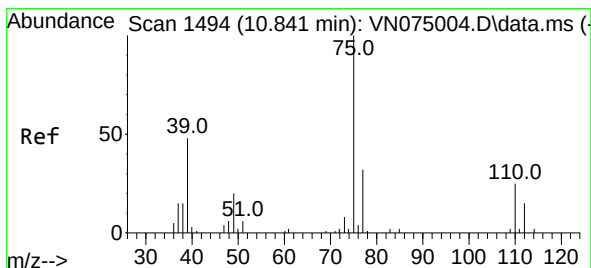
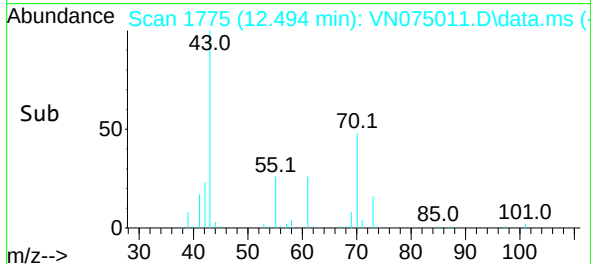
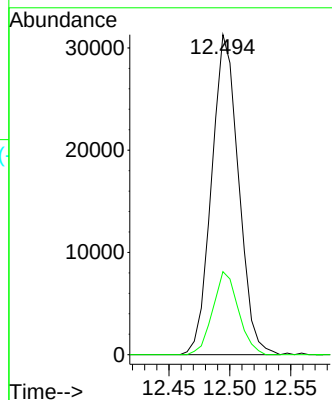
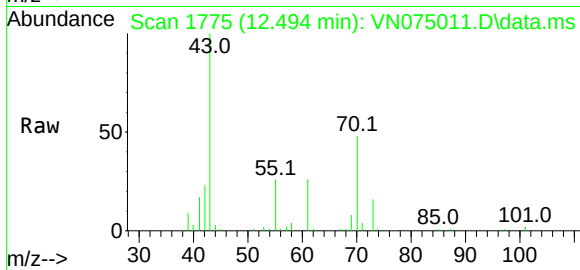




#47
n-amyl acetate
Concen: 20.089 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

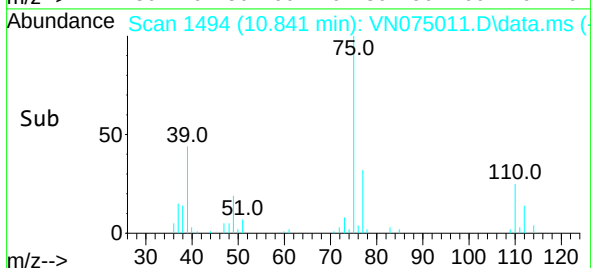
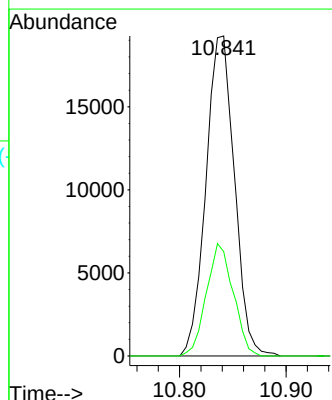
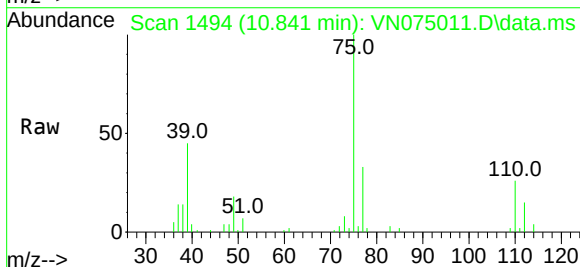
Instrument :
MSVOA_N
ClientSampleId :

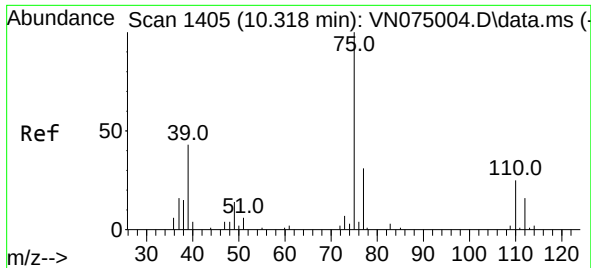
Tgt Ion: 43 Resp: 48309
Ion Ratio Lower Upper
43 100
55 24.6 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 18.847 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 75 Resp: 35854
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9

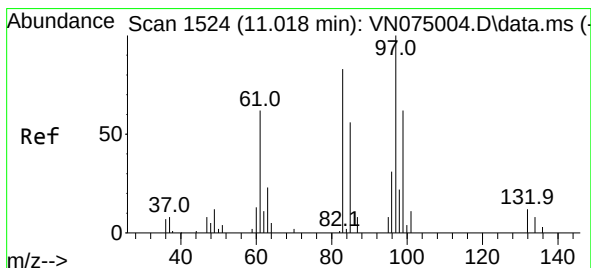
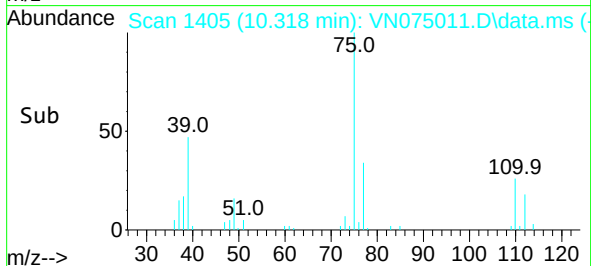
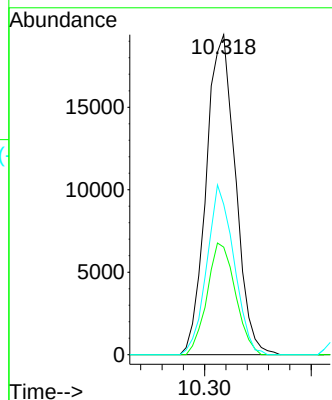
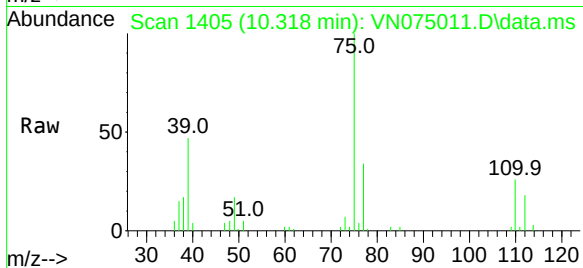




#49
 cis-1,3-Dichloropropene
 Concen: 18.455 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

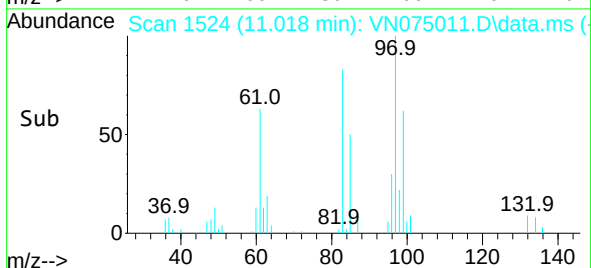
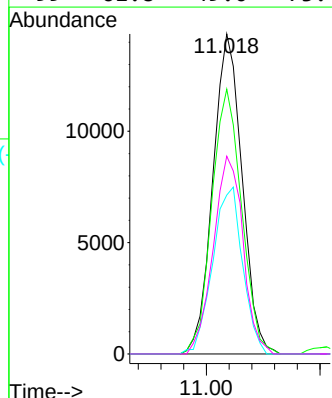
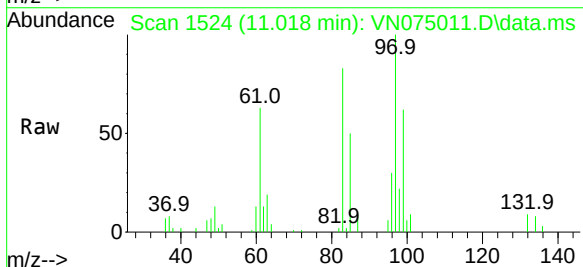
Instrument :
 MSVOA_N
 ClientSampleId :

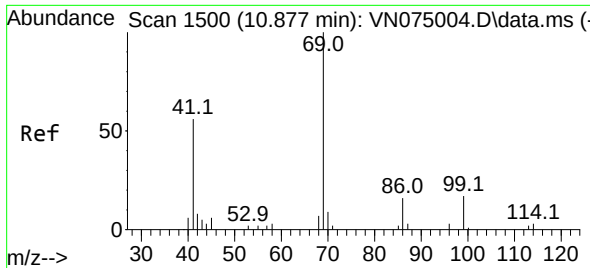
Tgt Ion: 75	Resp: 36900
Ion Ratio	Lower Upper
75 100	
77 33.6	25.3 37.9
39 46.9	46.2 69.4



#50
 1,1,2-Trichloroethane
 Concen: 19.543 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

Tgt Ion: 97	Resp: 25608
Ion Ratio	Lower Upper
97 100	
83 82.8	67.2 100.8
85 49.6	43.0 64.4
99 61.8	49.0 73.4

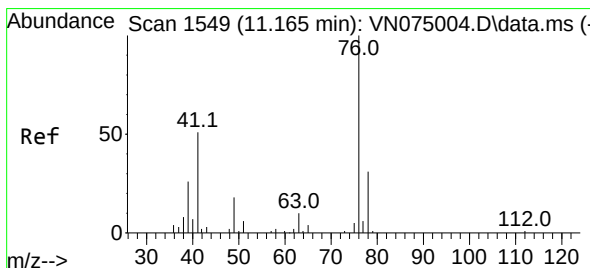
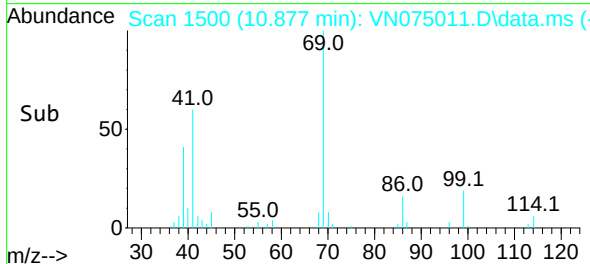
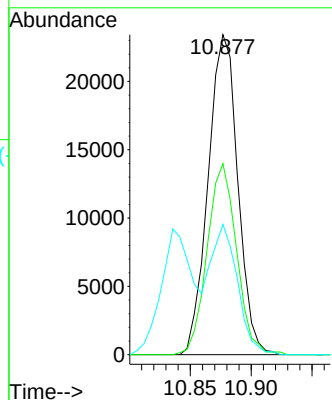
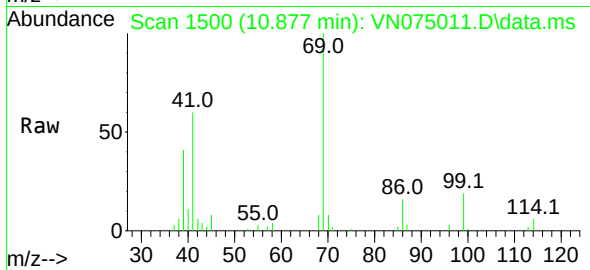




#51
Ethyl methacrylate
Concen: 19.470 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

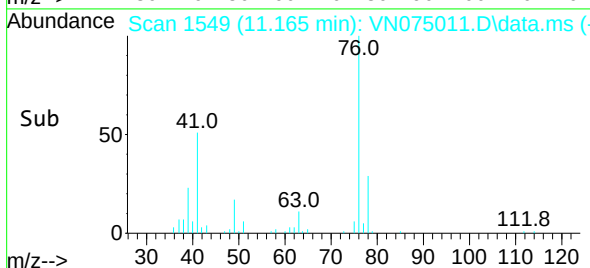
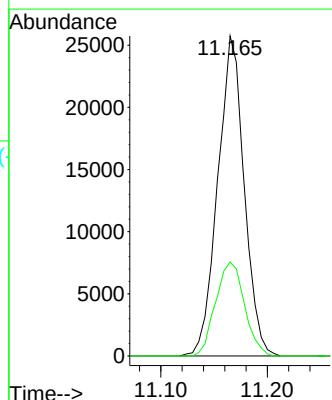
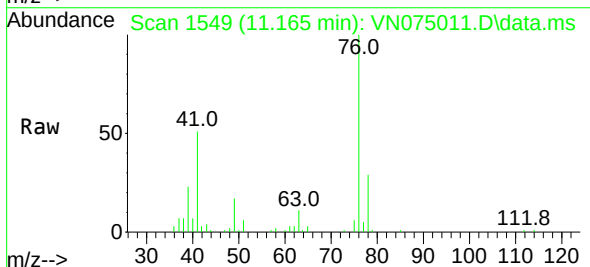
Instrument :
MSVOA_N
ClientSampleId :

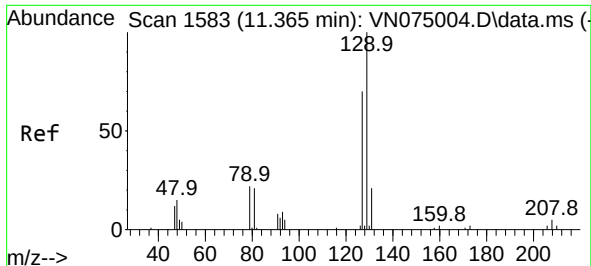
Tgt Ion: 69 Resp: 39751
Ion Ratio Lower Upper
69 100
41 59.1 33.0 98.9
39 40.7 25.4 76.4



#52
1,3-Dichloropropane
Concen: 20.229 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 76 Resp: 44333
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4

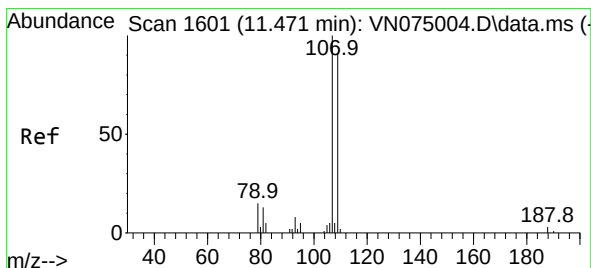
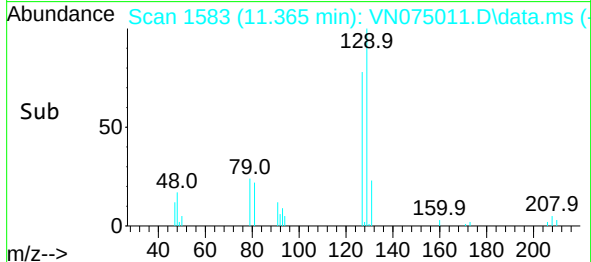
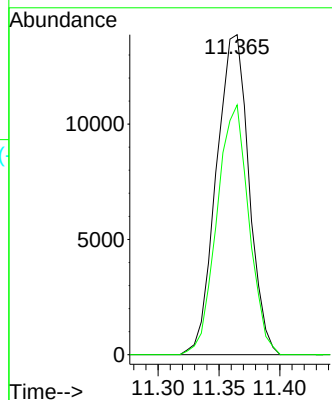
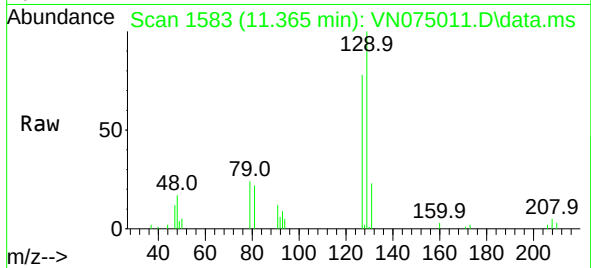




#53
Dibromochloromethane
Concen: 18.263 ug/l
RT: 11.365 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

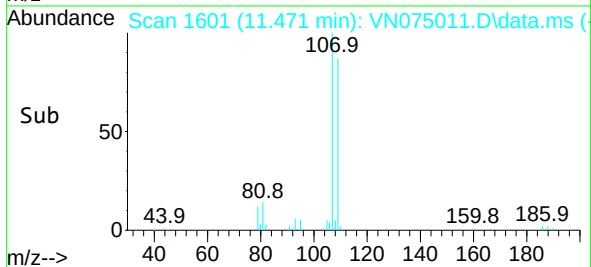
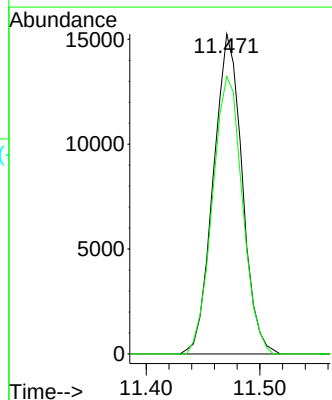
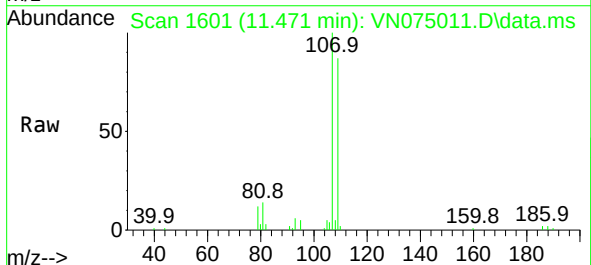
Instrument :
MSVOA_N
ClientSampleId :

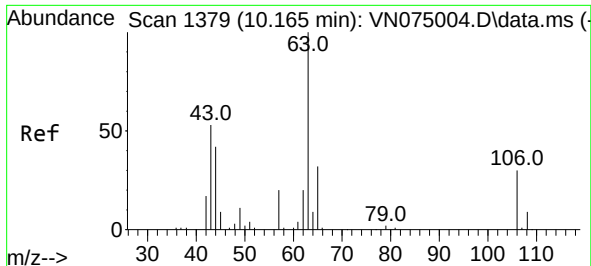
Tgt Ion:129 Resp: 25884
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0



#54
1,2-Dibromoethane
Concen: 19.810 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion:107 Resp: 26856
Ion Ratio Lower Upper
107 100
109 90.5 72.8 109.2

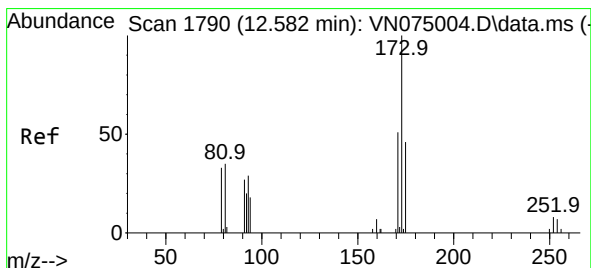
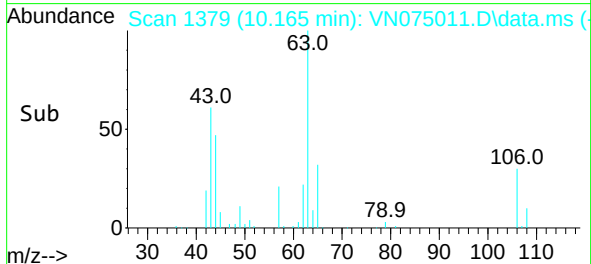
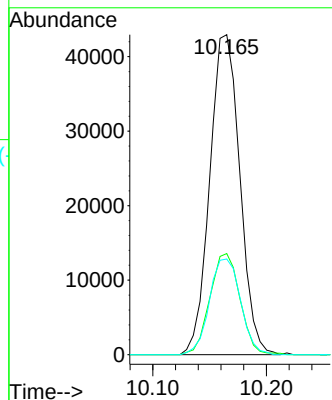
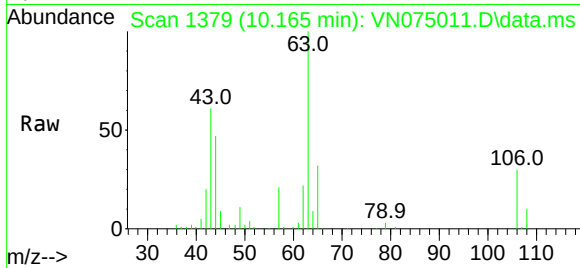




#55
2-Chloroethyl vinyl ether
Concen: 94.787 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

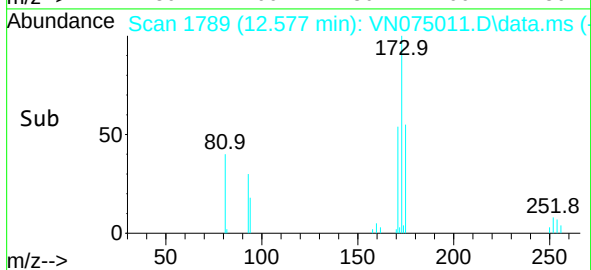
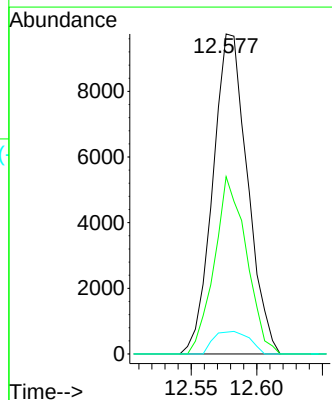
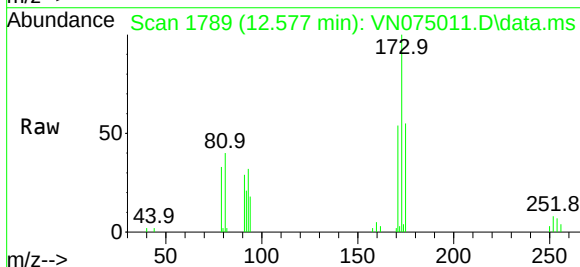
Instrument :
MSVOA_N
ClientSampleId :

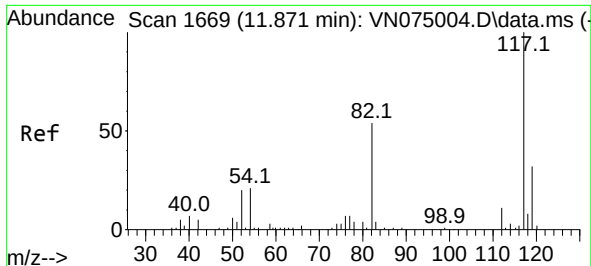
Tgt Ion: 63 Resp: 79063
Ion Ratio Lower Upper
63 100
65 31.5 25.4 38.0
106 30.9 23.2 34.8



#56
Bromoform
Concen: 17.185 ug/l
RT: 12.577 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion:173 Resp: 17882
Ion Ratio Lower Upper
173 100
175 51.3 38.6 58.0
254 7.3 0.0 0.0#

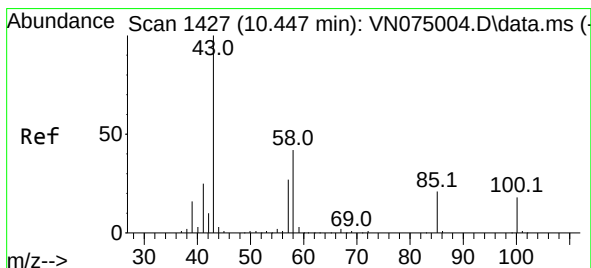
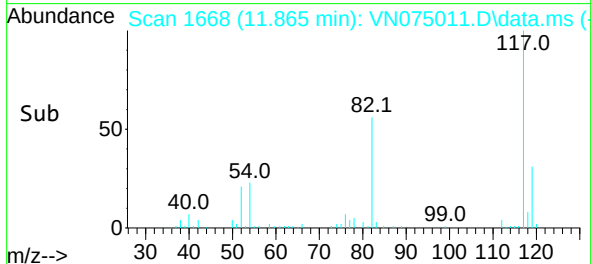
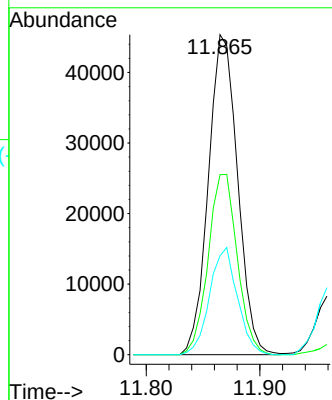
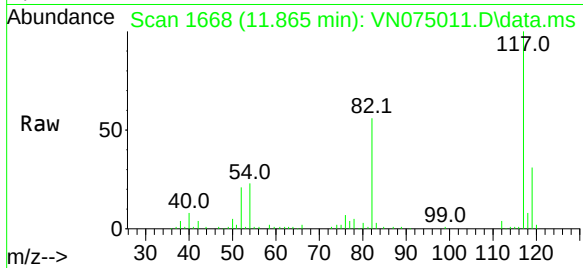




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

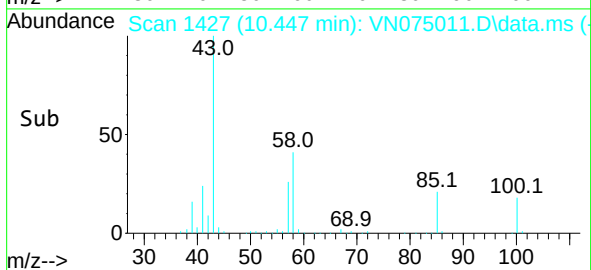
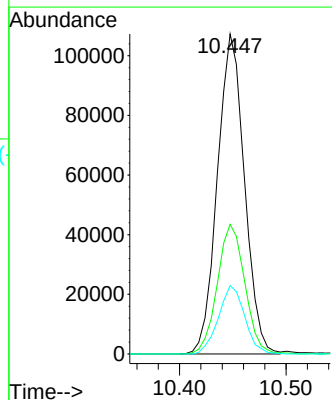
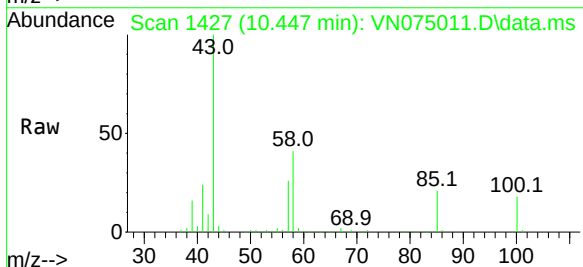
Instrument :
MSVOA_N
ClientSampleId :

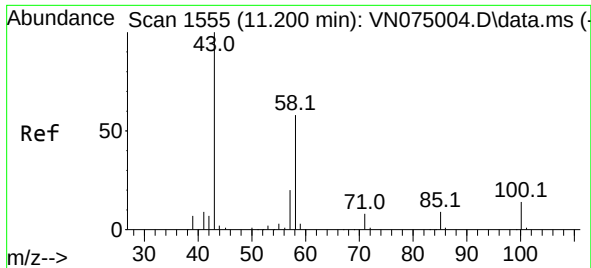
Tgt Ion:117 Resp: 81201
Ion Ratio Lower Upper
117 100
82 56.0 43.6 65.4
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 107.959 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 43 Resp: 189089
Ion Ratio Lower Upper
43 100
58 41.1 30.0 45.0
85 20.7 15.0 22.6

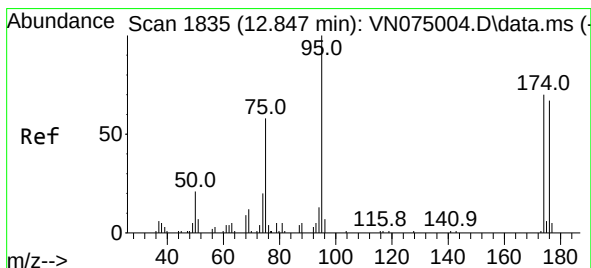
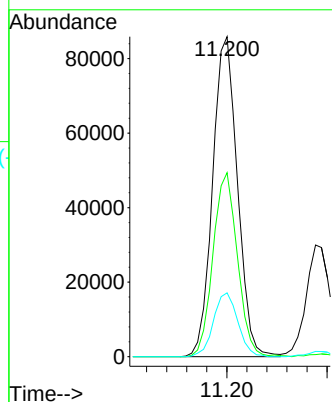
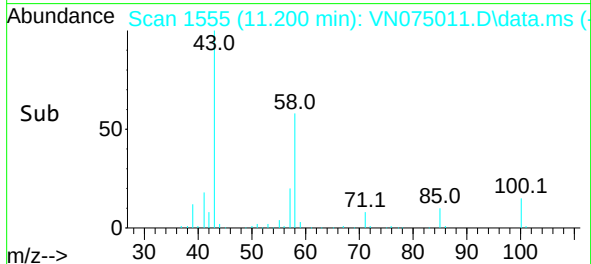
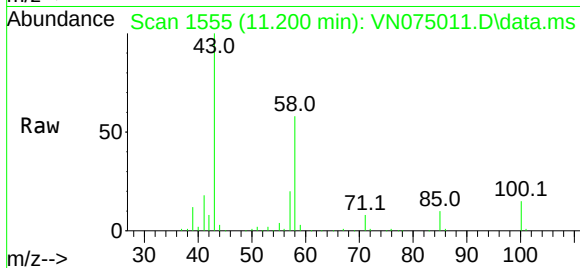




#59
2-Hexanone
Concen: 109.846 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

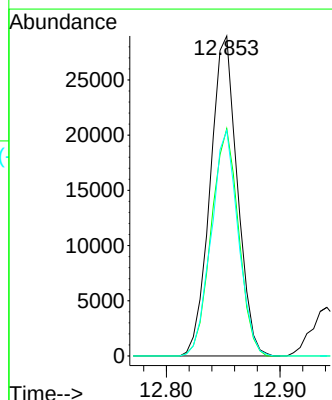
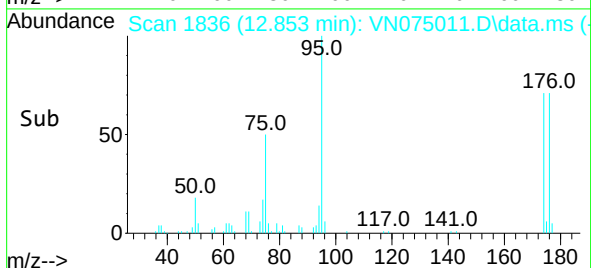
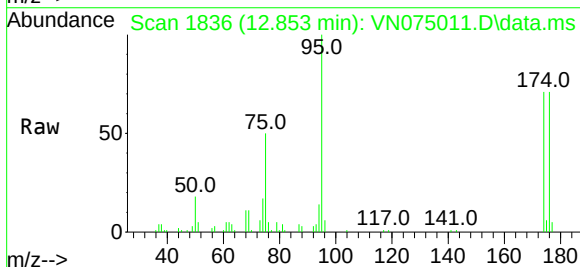
Instrument :
MSVOA_N
ClientSampleId :

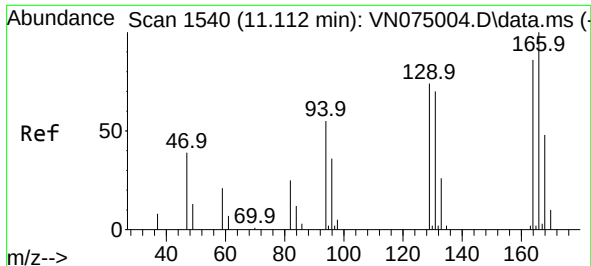
Tgt Ion: 43 Resp: 147591
Ion Ratio Lower Upper
43 100
58 56.3 42.2 63.2
57 19.6 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 30.141 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

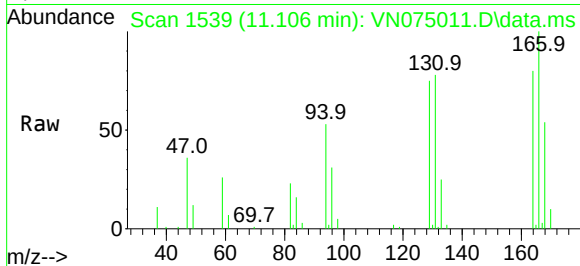
Tgt Ion: 95 Resp: 48089
Ion Ratio Lower Upper
95 100
174 71.3 62.9 94.3
176 70.3 61.0 91.4



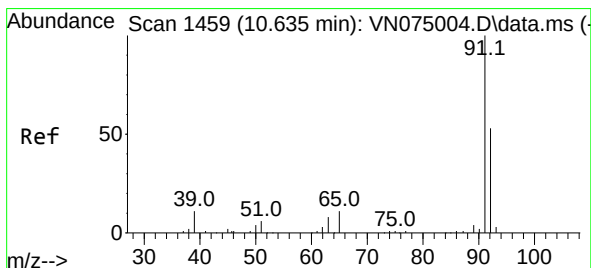
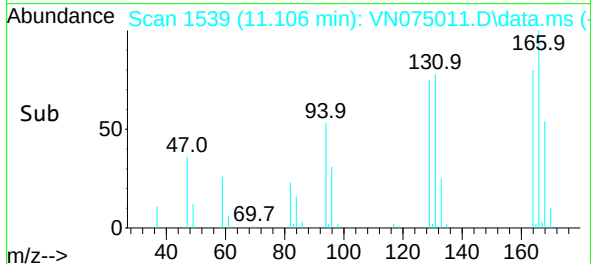
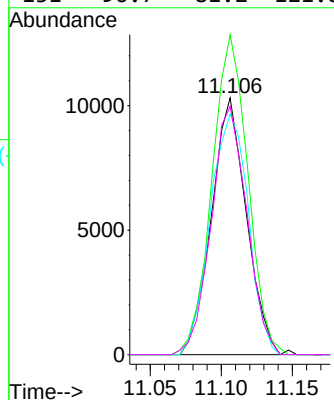


#61
Tetrachloroethene
Concen: 19.592 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :

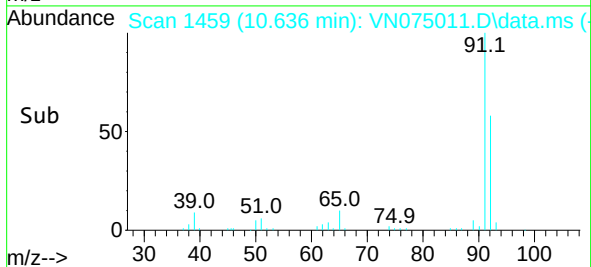
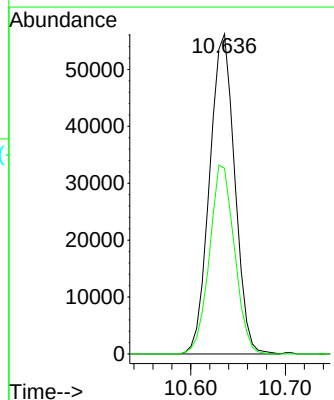
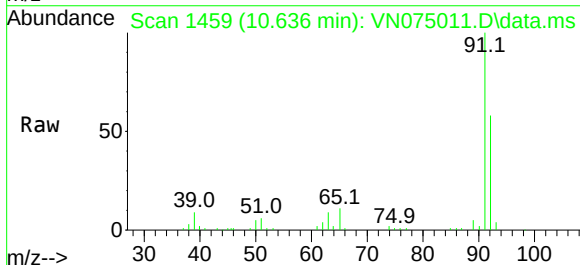


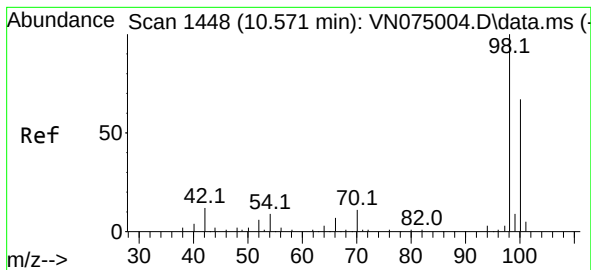
Tgt Ion:164 Resp: 17693
Ion Ratio Lower Upper
164 100
166 122.9 105.8 158.8
129 93.7 82.5 123.7
131 96.7 81.2 121.8



#62
Toluene
Concen: 19.717 ug/l
RT: 10.636 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 91 Resp: 103658
Ion Ratio Lower Upper
91 100
92 58.8 44.6 67.0





#63

Toluene-d8

Concen: 30.277 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Instrument :

MSVOA_N

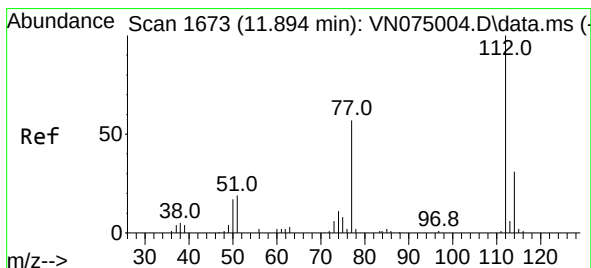
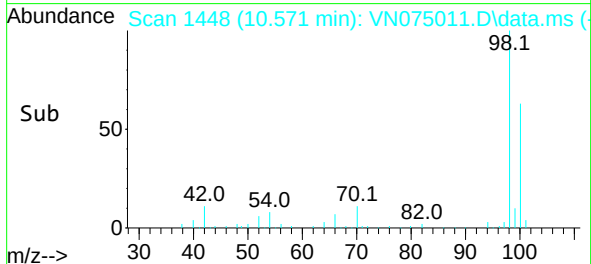
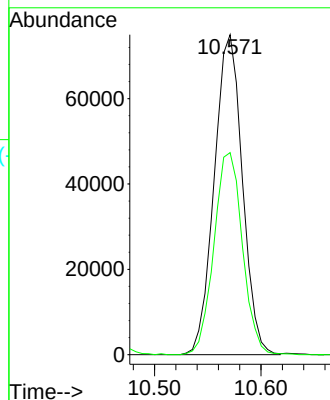
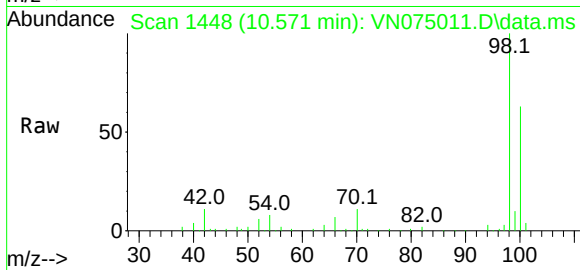
ClientSampleId :

Tgt Ion: 98 Resp: 137505

Ion Ratio Lower Upper

98 100

100 64.0 50.6 76.0



#64

Chlorobenzene

Concen: 19.923 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VN075011.D

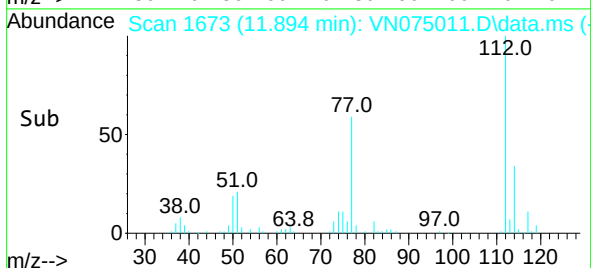
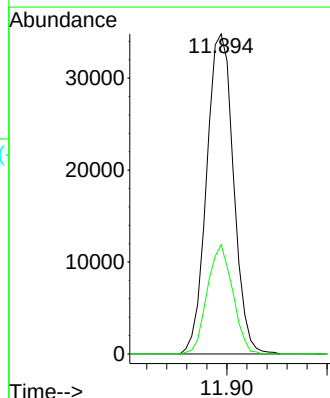
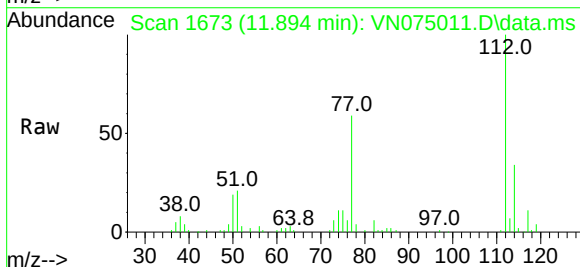
Acq: 25 Oct 2022 16:42

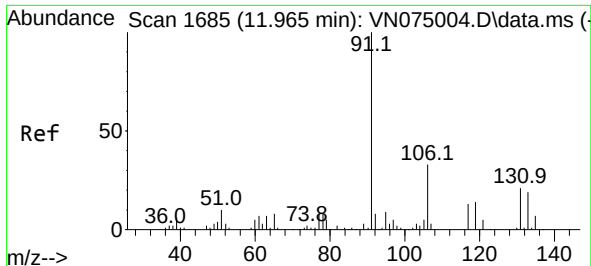
Tgt Ion: 112 Resp: 64909

Ion Ratio Lower Upper

112 100

114 34.1 25.8 38.6

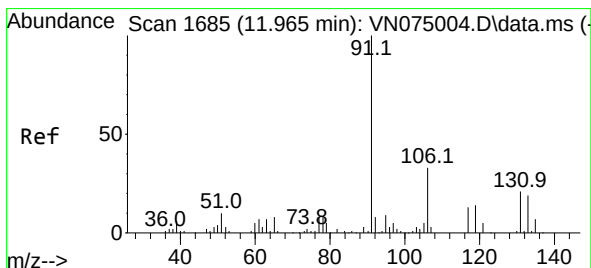
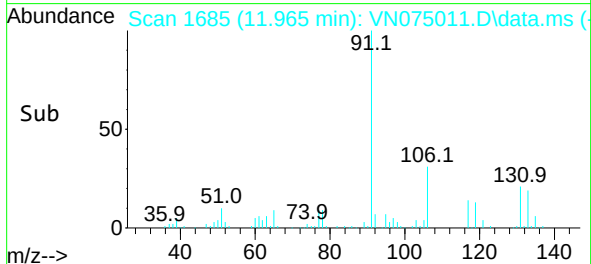
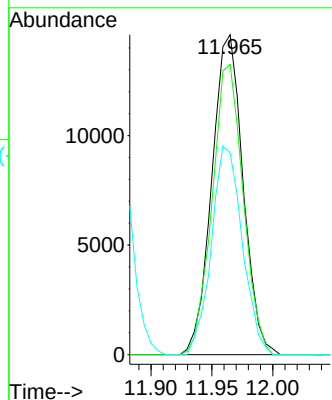
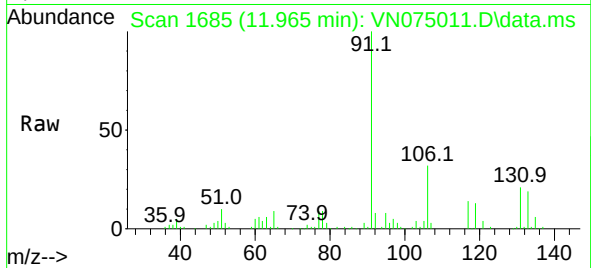




#65
1,1,1,2-Tetrachloroethane
Concen: 20.899 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

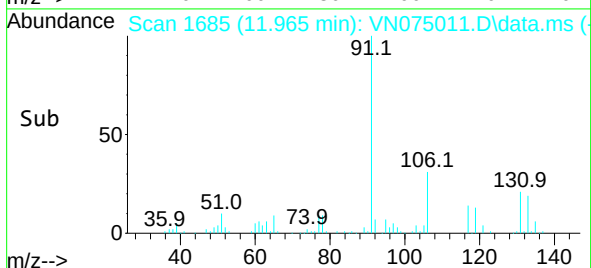
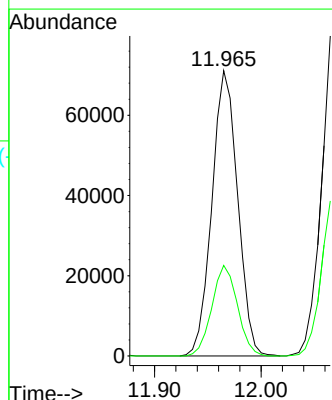
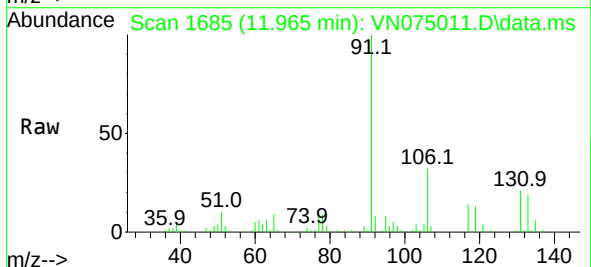
Instrument :
MSVOA_N
ClientSampleId :

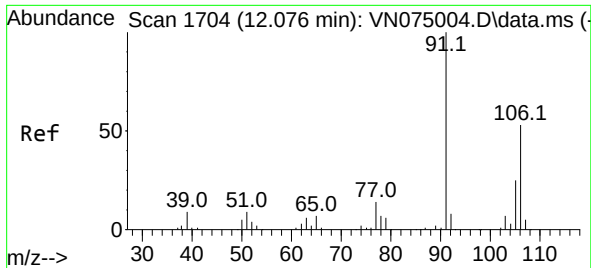
Tgt Ion:131 Resp: 26010
Ion Ratio Lower Upper
131 100
133 90.2 0.0 191.2
119 64.4 0.0 128.8



#66
Ethyl Benzene
Concen: 20.126 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 91 Resp: 119249
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0

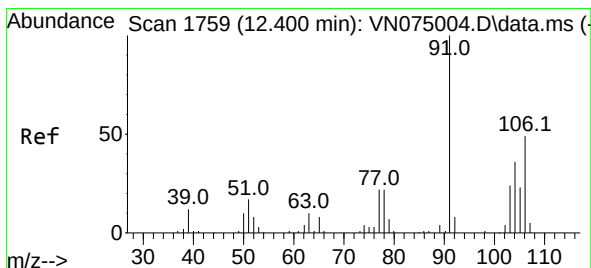
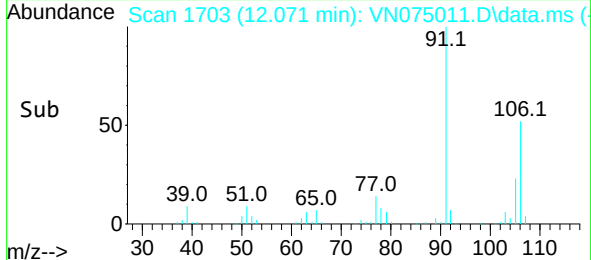
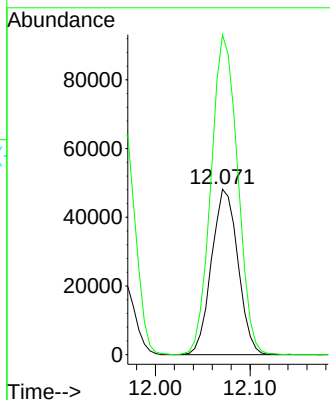
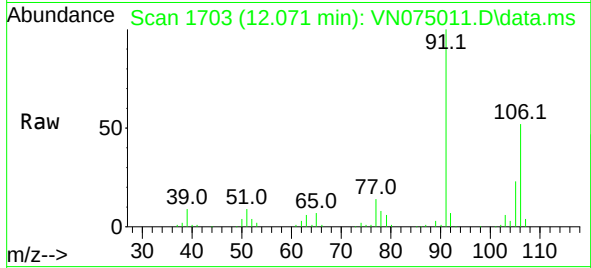




#67
m/p-Xylenes
Concen: 39.322 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

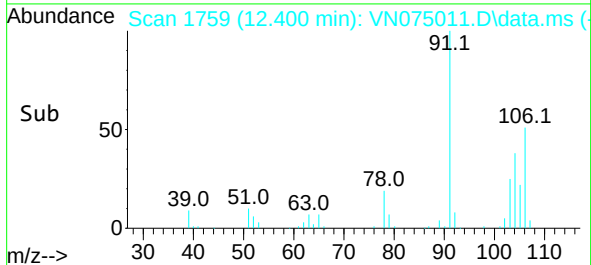
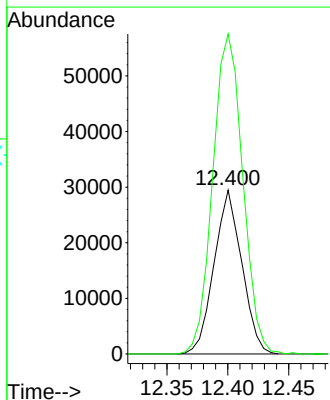
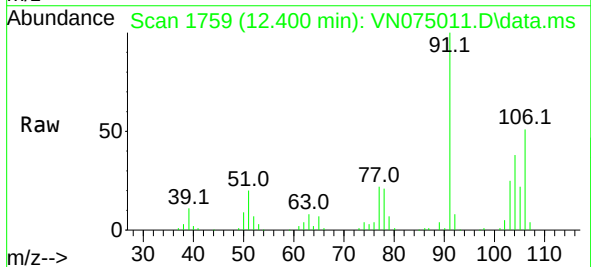
Instrument :
MSVOA_N
ClientSampleId :

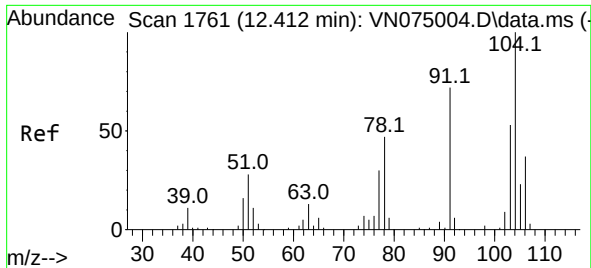
Tgt Ion:106 Resp: 93440
Ion Ratio Lower Upper
106 100
91 195.2 162.9 244.3



#68
o-Xylene
Concen: 19.595 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion:106 Resp: 46803
Ion Ratio Lower Upper
106 100
91 210.7 107.7 323.1

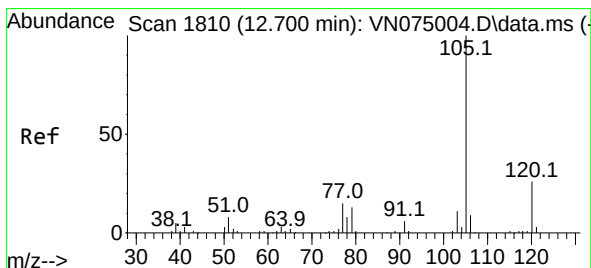
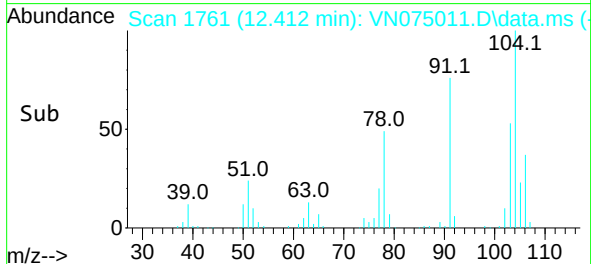
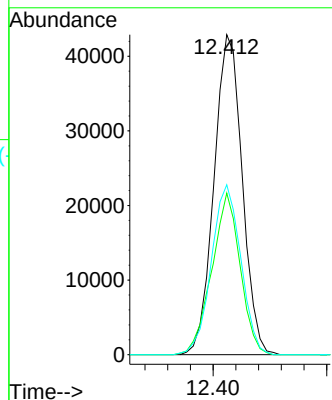
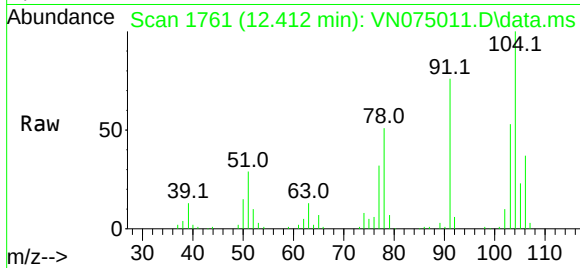




#69
Styrene
Concen: 18.950 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

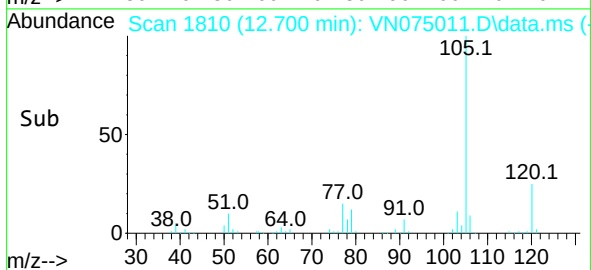
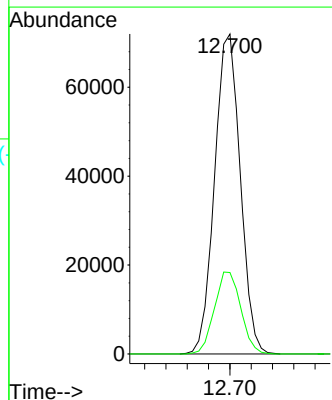
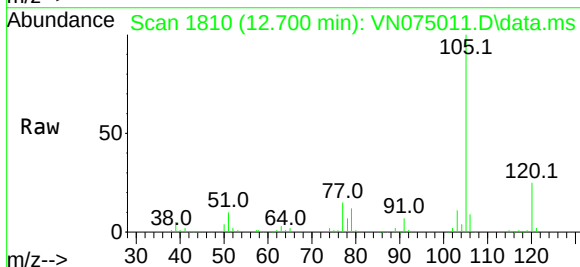
Instrument :
MSVOA_N
ClientSampleId :

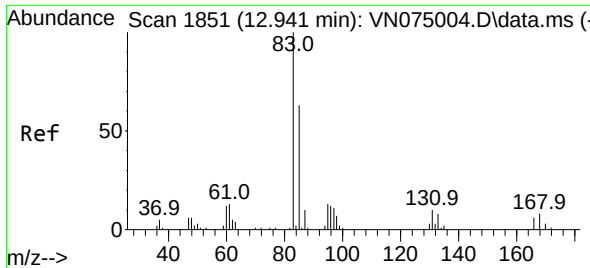
Tgt Ion:104 Resp: 74021
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 55.4 45.8 68.8



#70
Isopropylbenzene
Concen: 19.342 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion:105 Resp: 120376
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1

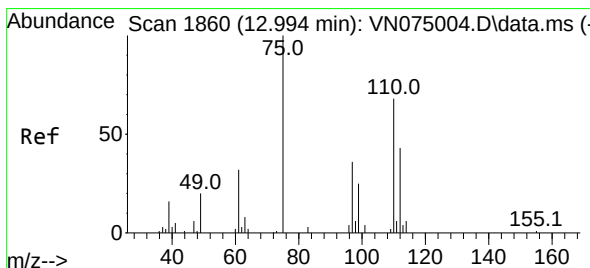
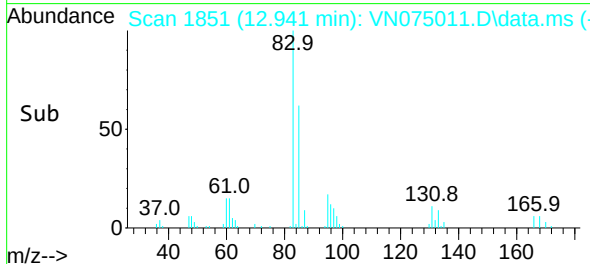
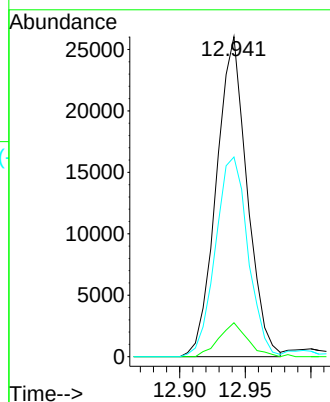
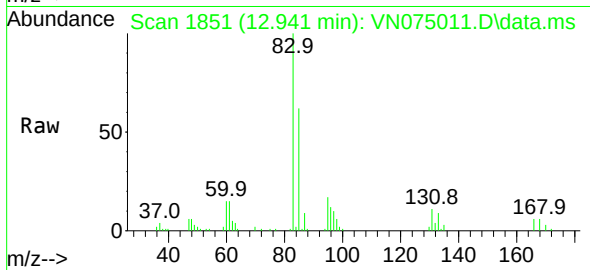




#71
1,1,2,2-Tetrachloroethane
Concen: 20.955 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

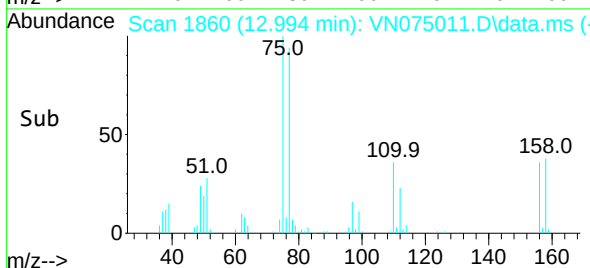
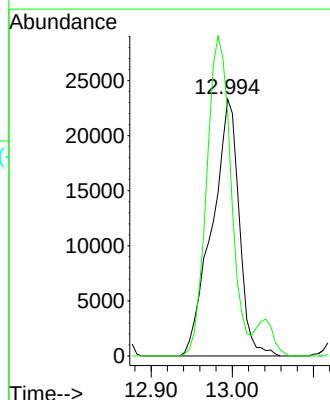
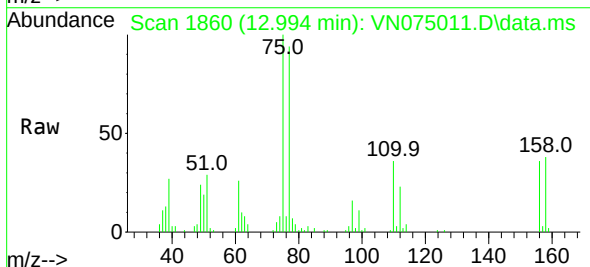
Instrument :
MSVOA_N
ClientSampleId :

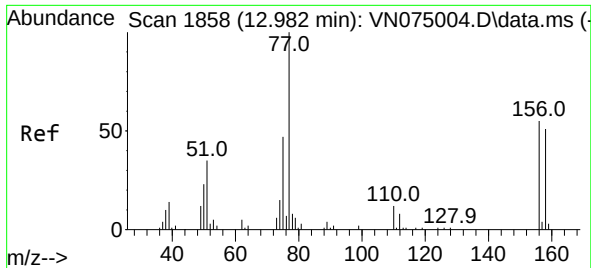
Tgt Ion: 83 Resp: 42481
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 65.9 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 29.429 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

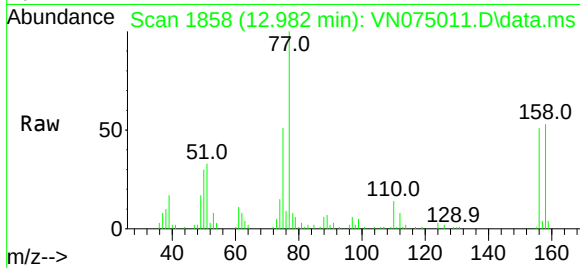
Tgt Ion: 75 Resp: 54174
Ion Ratio Lower Upper
75 100
77 111.9 0.0 378.0



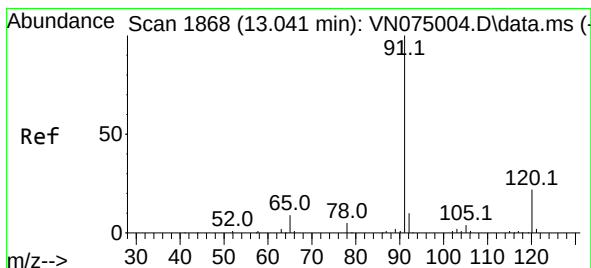
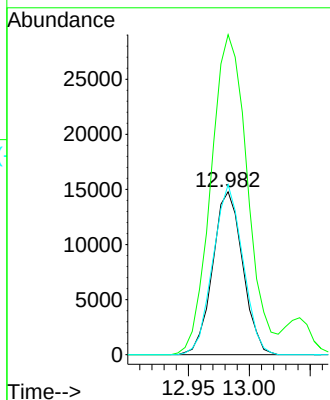
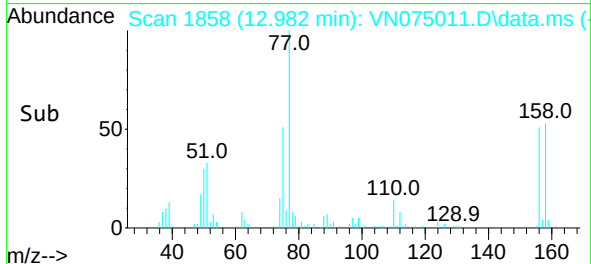


#73
Bromobenzene
Concen: 18.361 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :

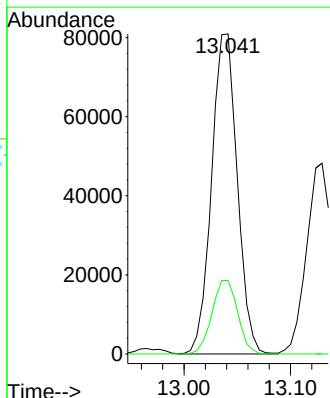
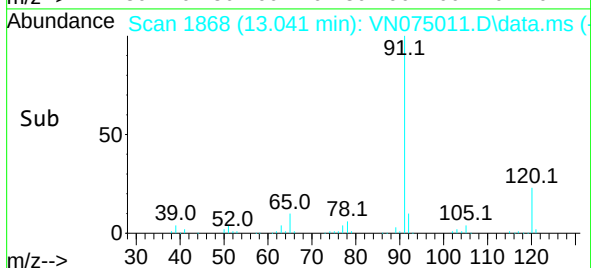
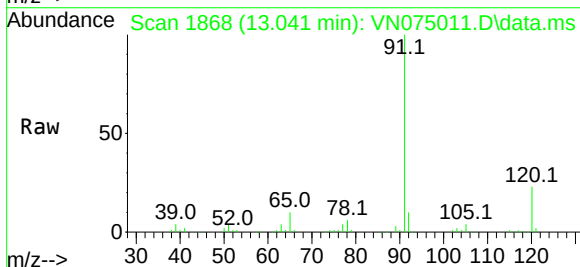


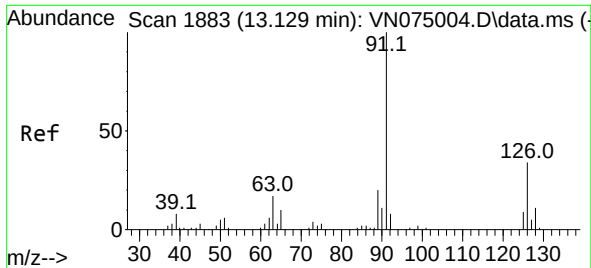
Tgt Ion:156 Resp: 25434
Ion Ratio Lower Upper
156 100
77 238.4 0.0 416.0
158 103.9 0.0 195.4



#74
n-propylbenzene
Concen: 19.452 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 91 Resp: 135567
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.0

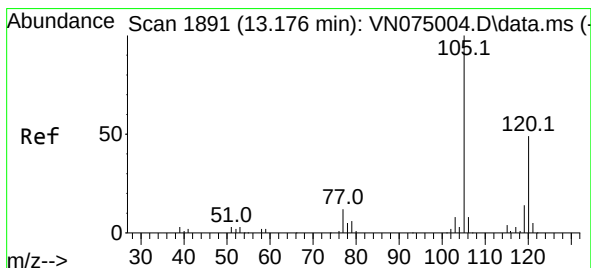
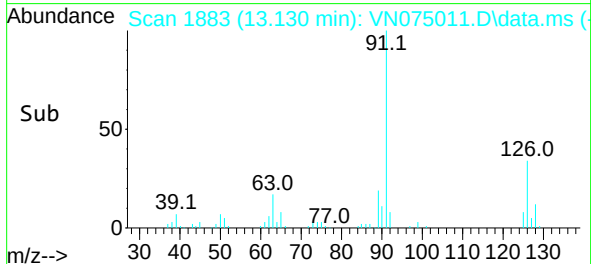
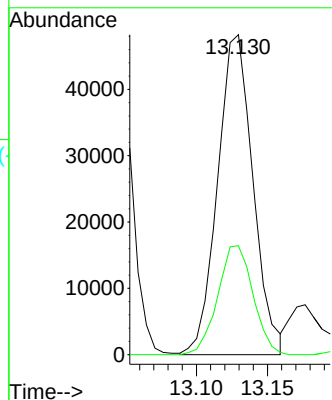
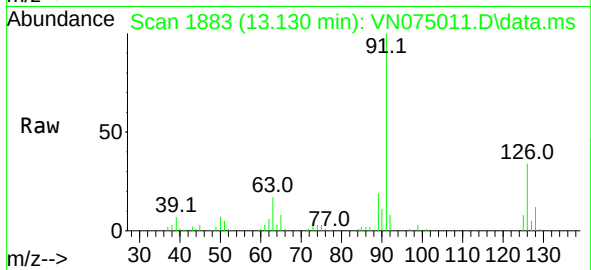




#75
2-Chlorotoluene
Concen: 19.721 ug/l
RT: 13.130 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

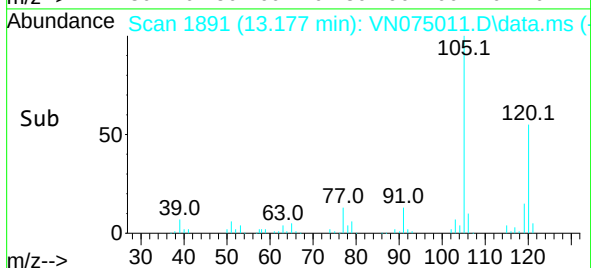
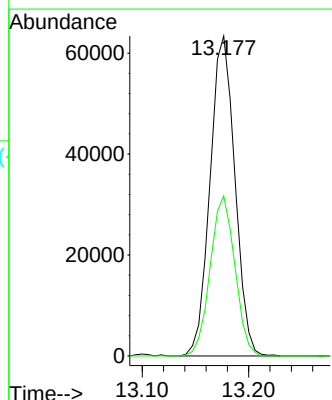
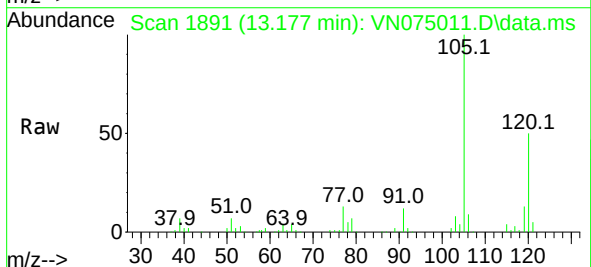
Instrument :
MSVOA_N
ClientSampleId :

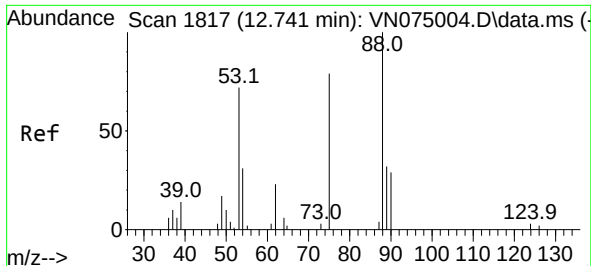
Tgt Ion: 91 Resp: 83642
Ion Ratio Lower Upper
91 100
126 34.0 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 19.472 ug/l
RT: 13.177 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 105 Resp: 102654
Ion Ratio Lower Upper
105 100
120 49.6 0.0 93.8





#77

t-1,4-Dichloro-2-butene

Concen: 20.271 ug/l

RT: 12.735 min Scan# 1816

Delta R.T. -0.006 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

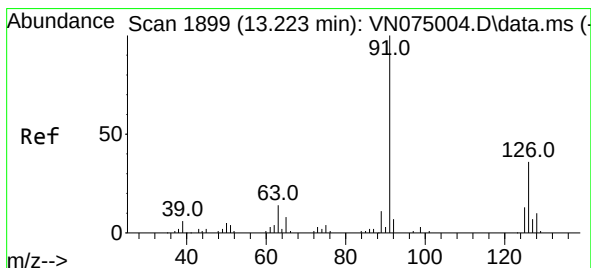
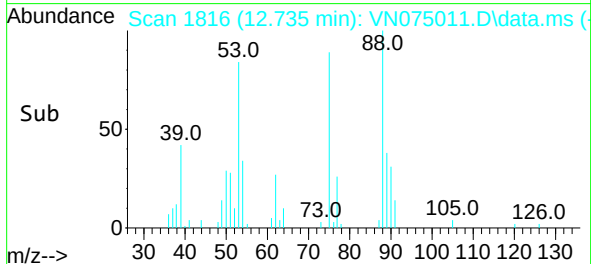
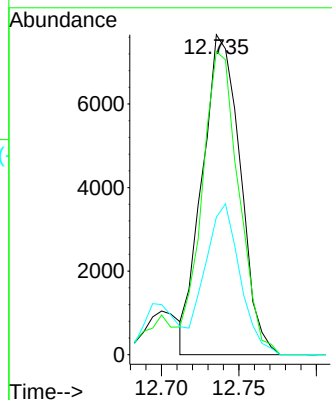
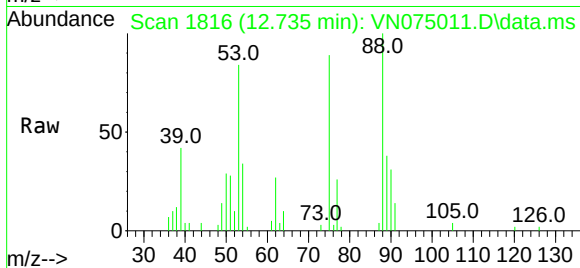
Tgt Ion: 75 Resp: 13035

Ion Ratio Lower Upper

75 100

53 94.7 51.8 155.5

89 42.9 22.9 68.7



#78

4-Chlorotoluene

Concen: 19.659 ug/l

RT: 13.224 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN075011.D

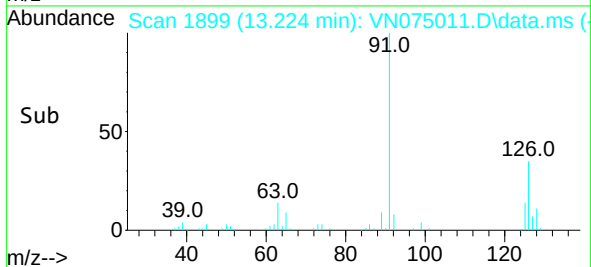
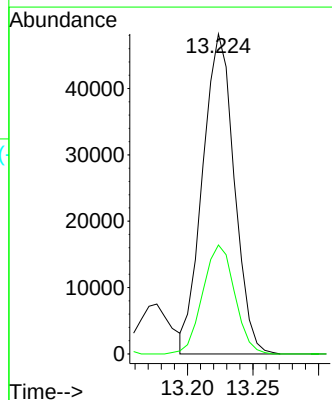
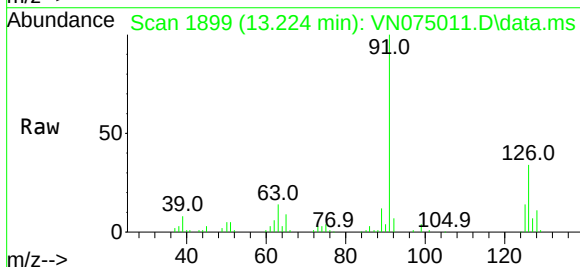
Acq: 25 Oct 2022 16:42

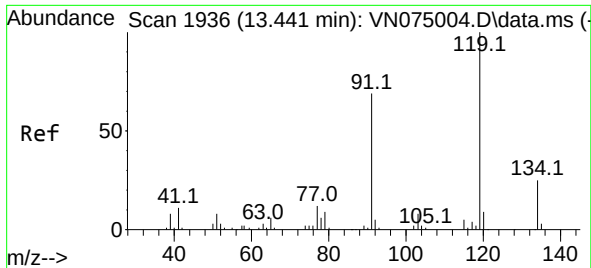
Tgt Ion: 91 Resp: 80986

Ion Ratio Lower Upper

91 100

126 34.4 0.0 70.6

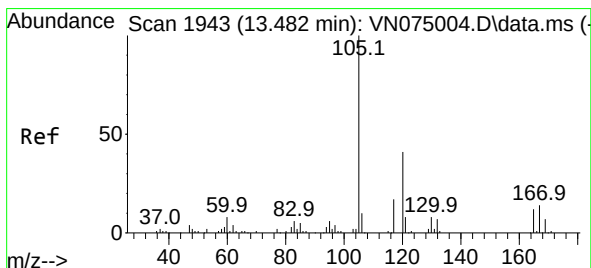
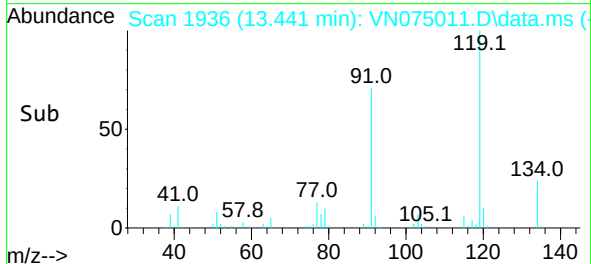
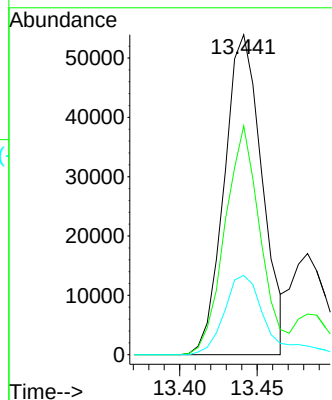
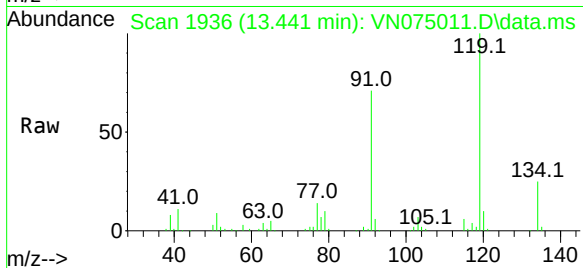




#79
tert-butylbenzene
Concen: 19.483 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

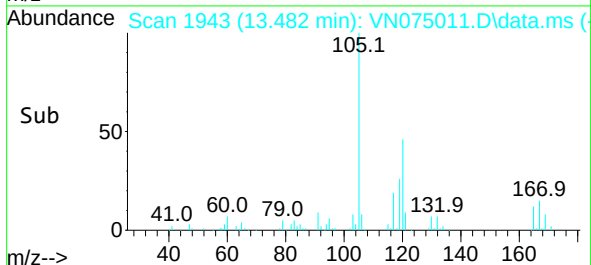
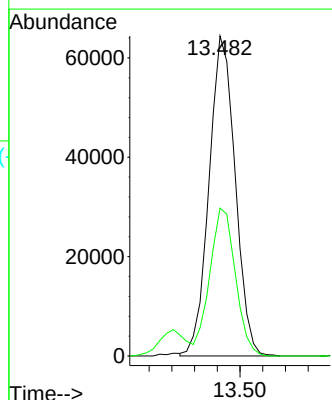
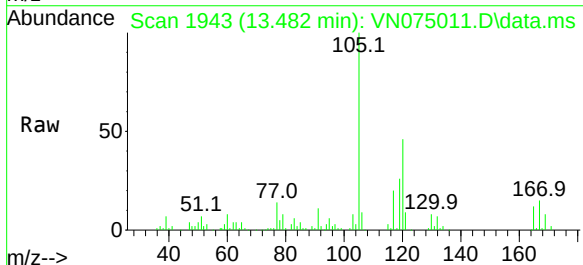
Instrument :
MSVOA_N
ClientSampleId :

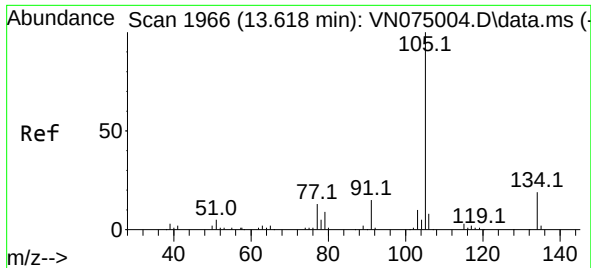
Tgt Ion:119 Resp: 91714
Ion Ratio Lower Upper
119 100
91 67.2 0.0 137.0
134 25.0 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 19.207 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion:105 Resp: 103005
Ion Ratio Lower Upper
105 100
120 45.4 0.0 0.2#

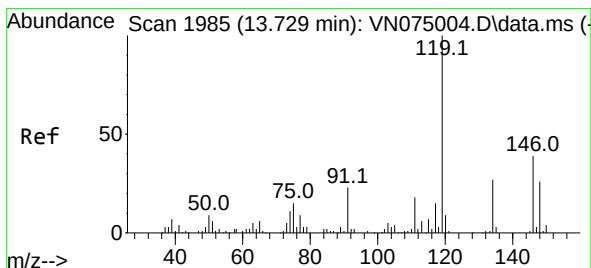
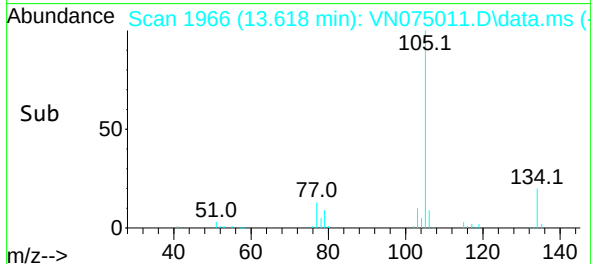
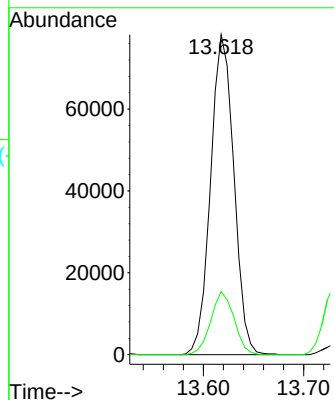
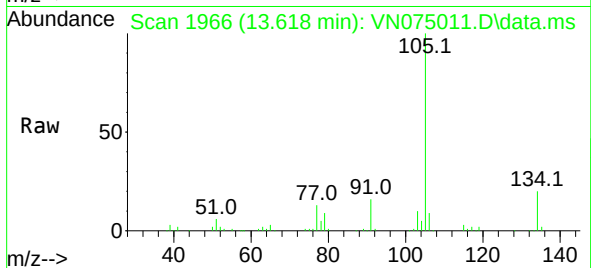




#81
 sec-Butylbenzene
 Concen: 19.073 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

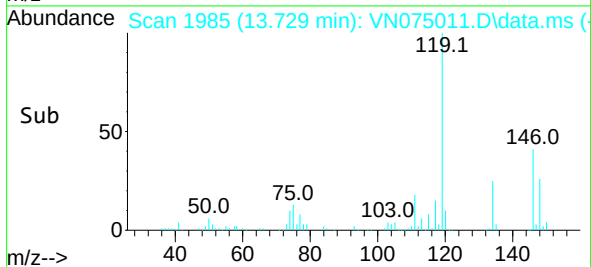
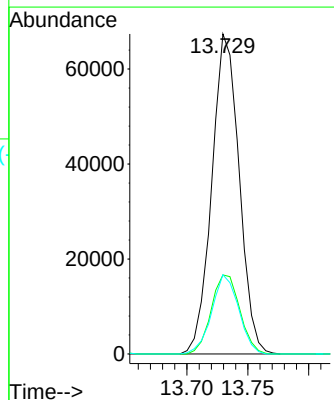
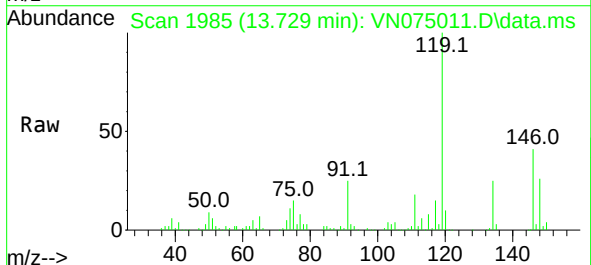
Instrument :
 MSVOA_N
 ClientSampleId :

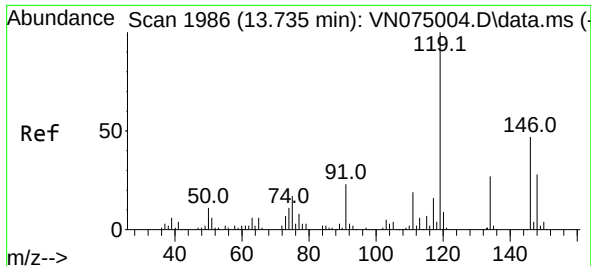
Tgt Ion:105 Resp: 126215
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.870 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

Tgt Ion:119 Resp: 105345
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 24.4 0.0 50.4

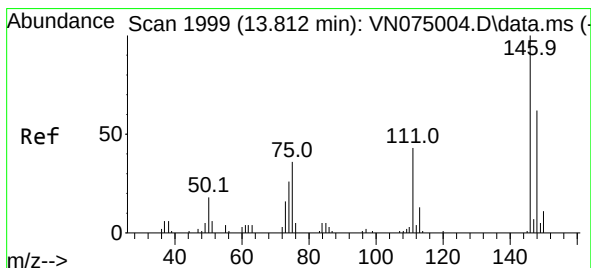
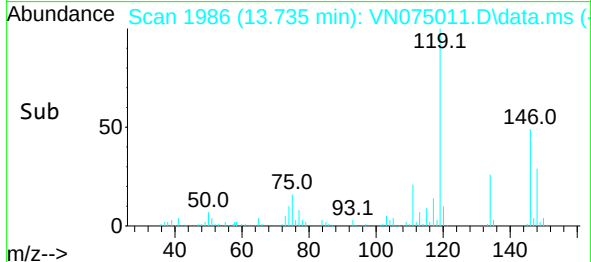
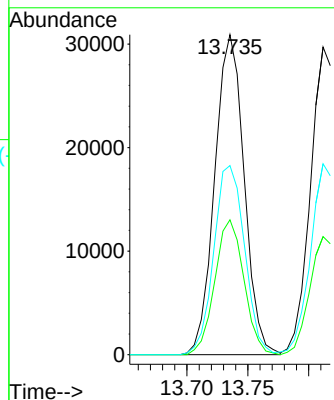
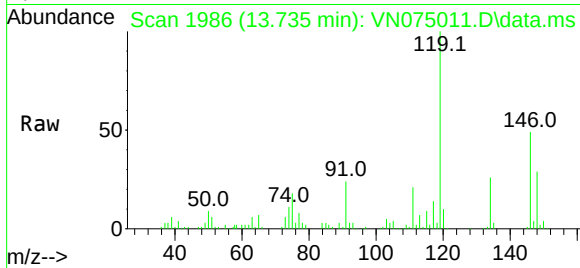




#83
 1,3-Dichlorobenzene
 Concen: 18.946 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

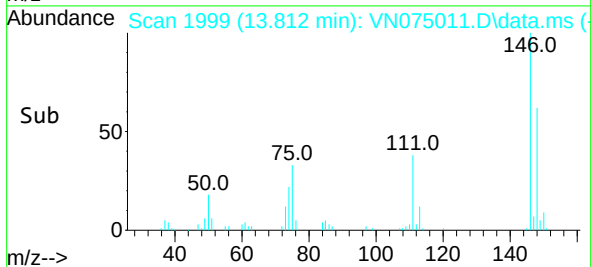
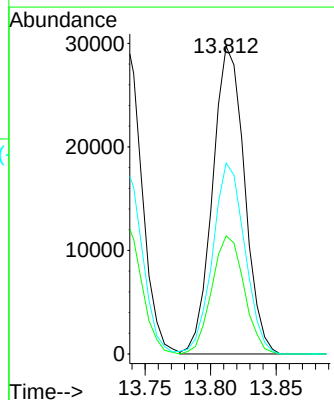
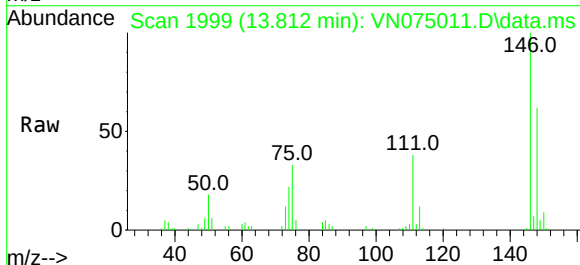
Instrument :
 MSVOA_N
 ClientSampleId :

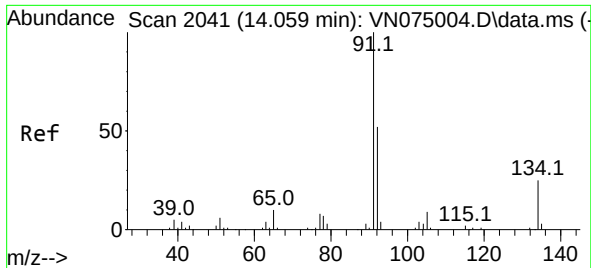
Tgt Ion:146 Resp: 51902
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.2
 148 61.7 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 19.016 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN075011.D
 Acq: 25 Oct 2022 16:42

Tgt Ion:146 Resp: 50257
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 62.6 31.1 93.5

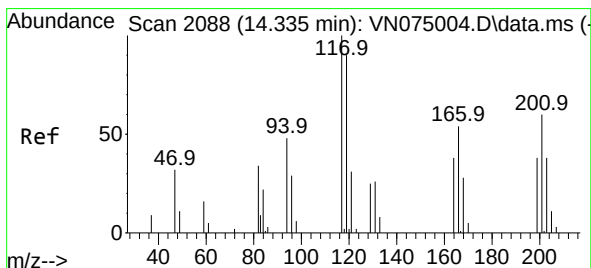
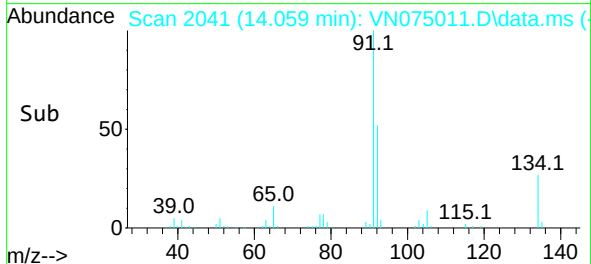
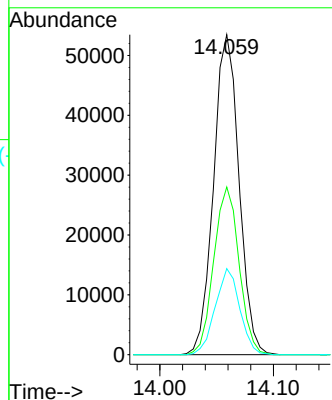
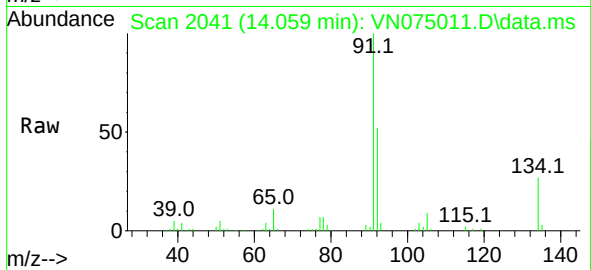




#85
n-Butylbenzene
Concen: 18.627 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

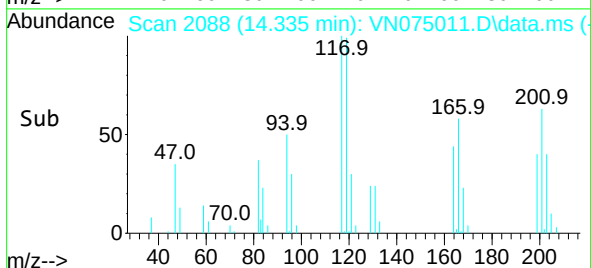
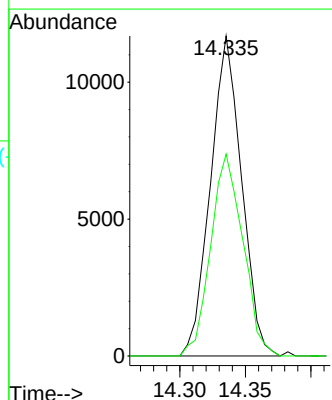
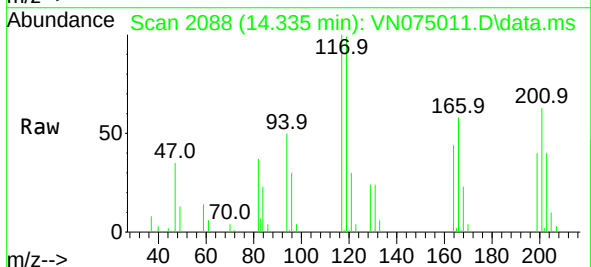
Instrument :
MSVOA_N
ClientSampleId :

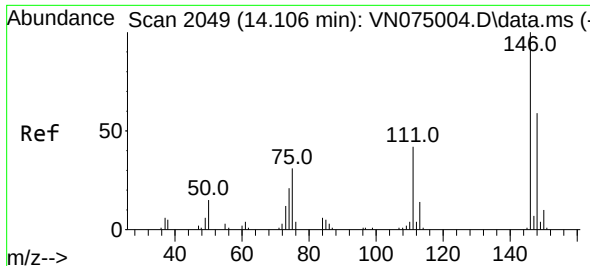
Tgt Ion: 91 Resp: 83408
Ion Ratio Lower Upper
91 100
92 52.0 0.0 100.6
134 25.9 0.0 50.2



#86
Hexachloroethane
Concen: 18.617 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

Tgt Ion: 117 Resp: 19260
Ion Ratio Lower Upper
117 100
201 65.4 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.880 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

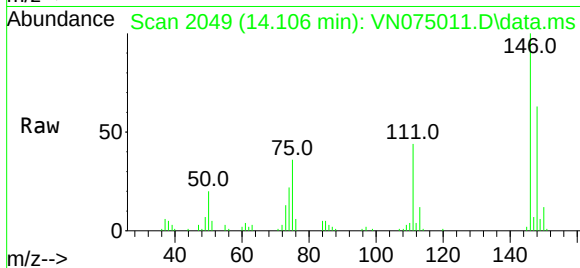
Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

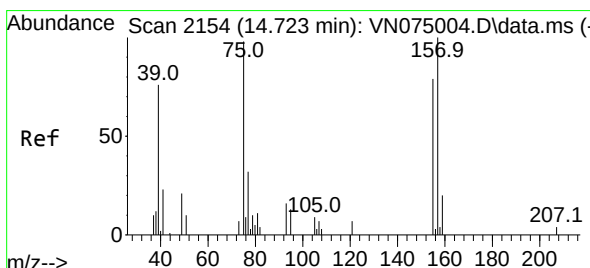
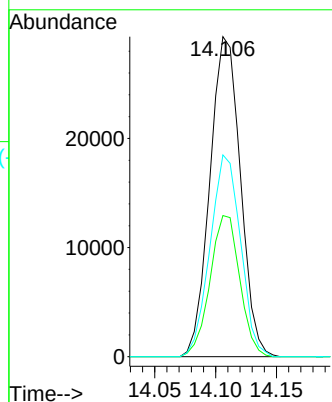
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	51158
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.4	64.2
148	62.9	32.5	97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.649 ug/l

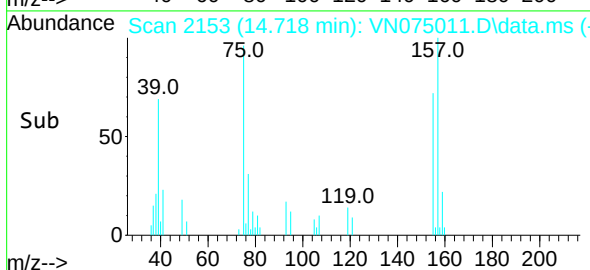
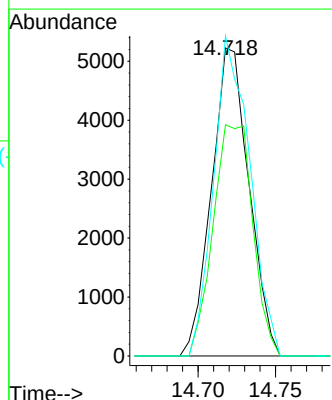
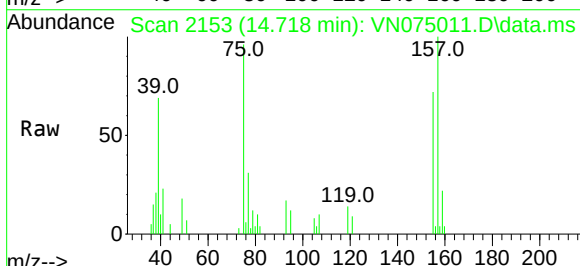
RT: 14.718 min Scan# 2153

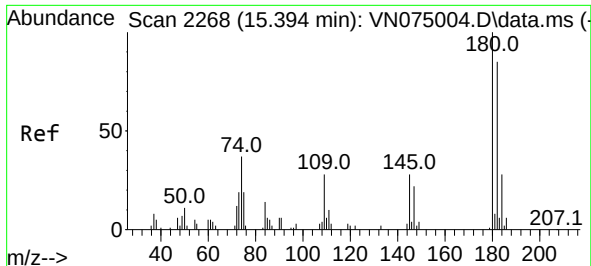
Delta R.T. -0.006 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

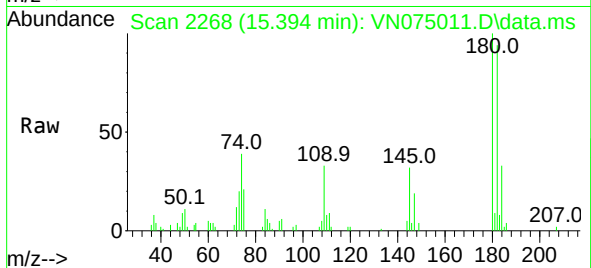
Tgt Ion:	75	Resp:	8799
Ion	Ratio	Lower	Upper
75	100		
155	79.2	63.8	95.8
157	100.3	77.9	116.9



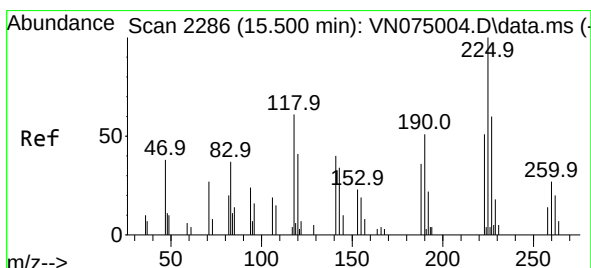
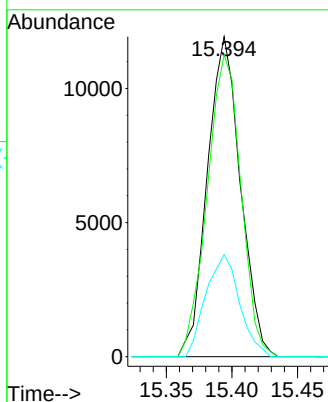
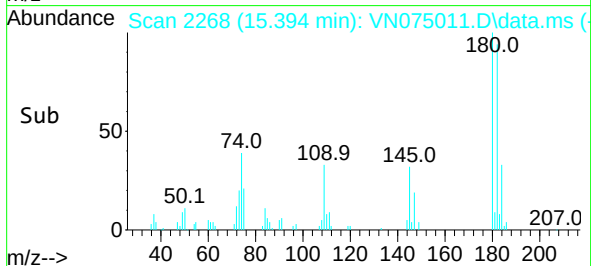


#89
1,2,4-Trichlorobenzene
Concen: 17.505 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42

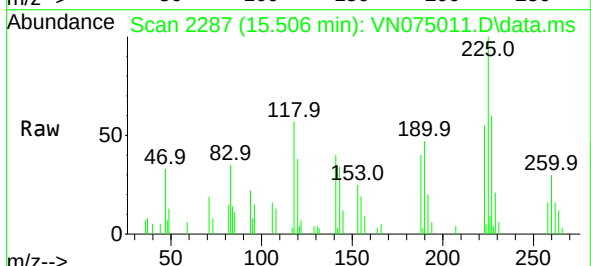
Instrument :
MSVOA_N
ClientSampleId :



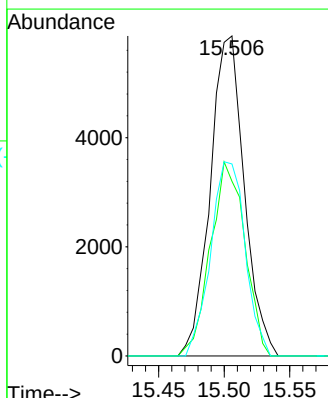
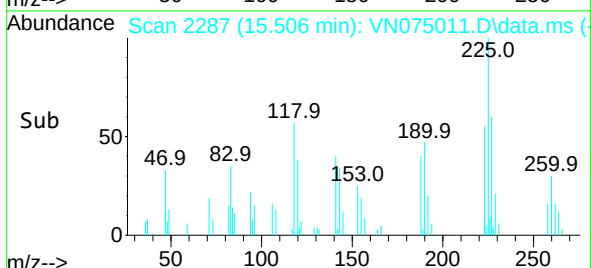
Tgt Ion:180 Resp: 20950
Ion Ratio Lower Upper
180 100
182 96.0 77.7 116.5
145 32.4 26.6 39.8

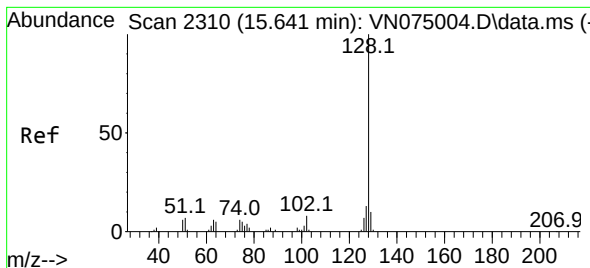


#90
Hexachlorobutadiene
Concen: 19.211 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075011.D
Acq: 25 Oct 2022 16:42



Tgt Ion:225 Resp: 10574
Ion Ratio Lower Upper
225 100
223 61.3 0.0 126.8
227 61.4 0.0 123.0





#91

Naphthalene

Concen: 18.257 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

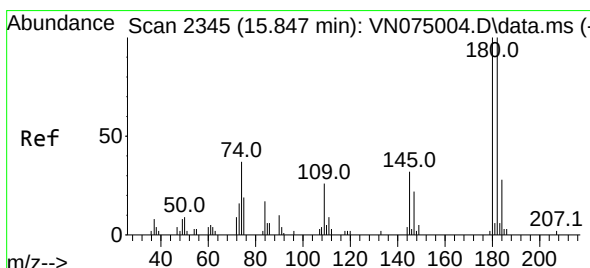
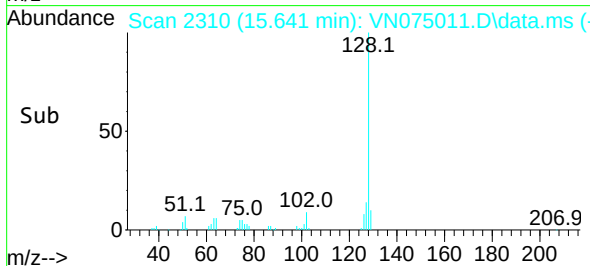
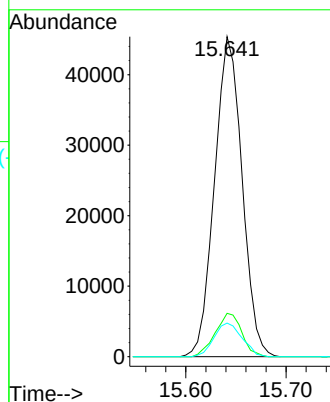
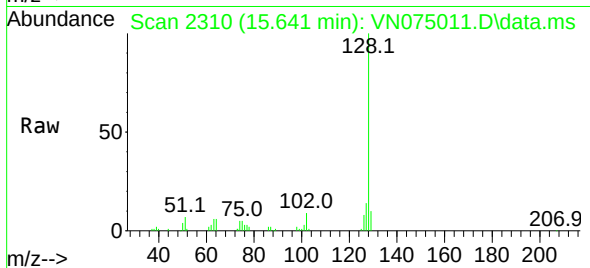
Tgt Ion:128 Resp: 86600

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.7 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 18.125 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.006 min

Lab File: VN075011.D

Acq: 25 Oct 2022 16:42

Tgt Ion:180 Resp: 21959

Ion Ratio Lower Upper

180 100

182 88.6 0.0 190.0

145 36.1 0.0 67.8

