

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072495.D
 Acq On : 16 May 2022 12:16
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 16 13:19:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 16 13:19:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	25418	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	129717	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	120315	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	85847	37.208	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 124.033%#	
60) 4-Bromofluorobenzene	12.727	95	63905	32.136	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 107.133%	
63) Toluene-d8	10.439	98	205099	34.721	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 115.733%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	10781	6.935	ug/l	95
3) Chloromethane	2.304	50	9801	5.837	ug/l	90
4) Vinyl Chloride	2.446	62	8344	4.748	ug/l	98
5) Bromomethane	2.822	94	6384	6.100	ug/l	95
6) Chloroethane	2.993	64	5601	5.016	ug/l	97
7) Trichlorofluoromethane	3.363	101	19411	7.333	ug/l	91
8) Diethyl Ether	3.822	74	5711	5.916	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	6298	4.394	ug/l	71
10) 1,1-Dichloroethene	4.187	96	7971	5.883	ug/l #	93
11) Methyl Iodide	4.422	142	10437	5.246	ug/l	95
12) Methyl Acetate	4.851	43	6417	3.132	ug/l #	71
13) Acrolein	4.045	56	6631	26.183	ug/l #	45
14) Acrylonitrile	5.551	53	24445	27.673	ug/l #	88
15) Acetone	4.281	58	3066	12.500	ug/l #	62
16) Carbon Disulfide	4.534	76	19521	5.490	ug/l	100
17) Allyl chloride	4.845	41	4850	2.124	ug/l	71
18) Methylene Chloride	5.098	84	9469	5.777	ug/l	88
19) trans-1,2-Dichloroethene	5.592	96	8972	6.099	ug/l #	79
20) Diisopropyl ether	6.492	45	29127	6.113	ug/l	98
21) 1,1-Dichloroethane	6.386	63	18906	6.552	ug/l	94
22) cis-1,2-Dichloroethene	7.316	96	10000	5.682	ug/l #	87
23) tert-Butyl Alcohol	5.363	59	6433	18.829	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	30055	5.845	ug/l #	90
25) Chloroform	7.816	83	19142	6.422	ug/l	95
26) Cyclohexane	8.098	56	12730	5.239	ug/l #	92
29) 1,1-Dichloropropene	8.216	75	12254	6.181	ug/l	94
30) 2-Butanone	7.333	43	35617	31.440	ug/l	97
31) 2,2-Dichloropropane	7.316	77	15379	6.630	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	18949	7.565	ug/l #	83
33) Carbon Tetrachloride	8.204	117	15577	7.087	ug/l	98
34) Benzene	8.457	78	36759	6.094	ug/l #	87
35) Methacrylonitrile	7.628	41	7333	6.636	ug/l	78
36) 1,2-Dichloroethane	8.528	62	17709	7.484	ug/l #	85
37) Trichloroethene	9.210	130	10214	6.437	ug/l	98
38) Methylcyclohexane	9.457	83	12955	5.333	ug/l	88
39) 1,2-Dichloropropane	9.486	63	9059	5.948	ug/l	89
40) Dibromomethane	9.575	93	7249	6.724	ug/l	85
41) Bromodichloromethane	9.757	83	14933	6.846	ug/l #	96
42) Vinyl Acetate	6.434	43	106017	27.446	ug/l	97

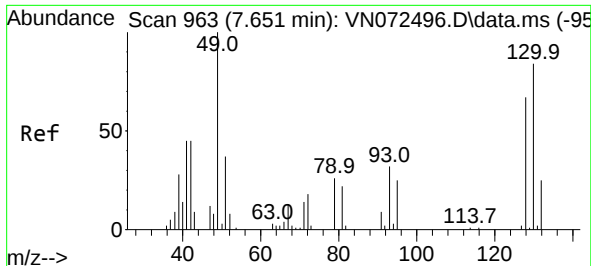
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072495.D
 Acq On : 16 May 2022 12:16
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 16 13:19:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 16 13:19:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.398	43	2023	0.937	ug/l #	1
44) Isopropyl Acetate	8.557	43	22018	6.201	ug/l	99
45) 1,4-Dioxane	9.569	88	3842	110.201	ug/l	97
46) Methyl methacrylate	9.557	41	10386	6.677	ug/l	91
47) n-amyl Acetate	12.386	43	11216	4.849	ug/l	93
48) t-1,3-Dichloropropene	10.716	75	14535	6.228	ug/l #	86
49) cis-1,3-Dichloropropene	10.186	75	14855	5.955	ug/l #	85
50) 1,1,2-Trichloroethane	10.892	97	10010	6.470	ug/l #	89
51) Ethyl methacrylate	10.757	69	12958	5.406	ug/l	95
52) 1,3-Dichloropropane	11.039	76	16945	6.367	ug/l	97
53) Dibromochloromethane	11.233	129	11045	6.436	ug/l	99
54) 1,2-Dibromoethane	11.345	107	10124	6.311	ug/l	95
55) 2-Chloroethyl vinyl ether	10.039	63	14068	23.210	ug/l	99
56) Bromoform	12.457	173	8373	6.524	ug/l #	87
58) 4-Methyl-2-Pentanone	10.327	43	65473	30.024	ug/l	99
59) 2-Hexanone	11.086	43	45253	28.327	ug/l	100
61) Tetrachloroethene	10.974	164	9586	6.829	ug/l	89
62) Toluene	10.504	91	41569	6.220	ug/l	98
64) Chlorobenzene	11.769	112	25542	6.188	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.833	131	10224	6.378	ug/l	99
66) Ethyl Benzene	11.839	91	40919	5.557	ug/l	98
67) m/p-Xylenes	11.951	106	30909	10.929	ug/l	95
68) o-Xylene	12.274	106	15241	5.405	ug/l	98
69) Styrene	12.292	104	22497	5.068	ug/l	95
70) Isopropylbenzene	12.574	105	38045	5.305	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	13298	5.787	ug/l	96
72) 1,2,3-Trichloropropane	12.874	75	17521	8.603	ug/l	55
73) Bromobenzene	12.857	156	10090	5.778	ug/l	97
74) n-propylbenzene	12.916	91	39128	5.039	ug/l	99
75) 2-Chlorotoluene	13.004	91	28236	5.657	ug/l	96
76) 1,3,5-Trimethylbenzene	13.051	105	32249	5.500	ug/l	96
77) t-1,4-Dichloro-2-butene	12.621	75	3567	5.253	ug/l	97
78) 4-Chlorotoluene	13.098	91	24851	5.381	ug/l	96
79) tert-butylbenzene	13.321	119	28549	5.447	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	30005	5.259	ug/l #	81
81) sec-Butylbenzene	13.498	105	35817	5.129	ug/l	95
82) p-Isopropyltoluene	13.615	119	27641	4.836	ug/l	97
83) 1,3-Dichlorobenzene	13.615	146	15998	5.563	ug/l	98
84) 1,4-Dichlorobenzene	13.686	146	15629	5.657	ug/l	93
85) n-Butylbenzene	13.939	91	19945	4.786	ug/l	97
86) Hexachloroethane	14.204	117	6238	5.964	ug/l	75
87) 1,2-Dichlorobenzene	13.986	146	15645	5.601	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.604	75	2587	5.747	ug/l #	73
89) 1,2,4-Trichlorobenzene	15.257	180	5290	4.237	ug/l	96
90) Hexachlorobutadiene	15.368	225	4963	6.388	ug/l	94
91) Naphthalene	15.504	128	11553	3.291	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.692	180	5528	4.428	ug/l	99

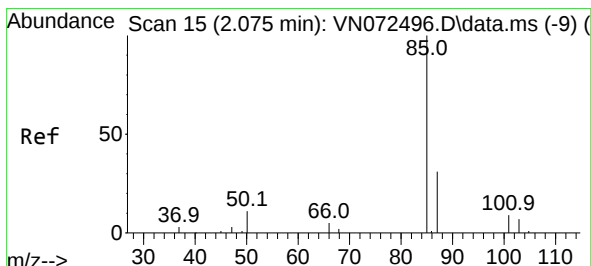
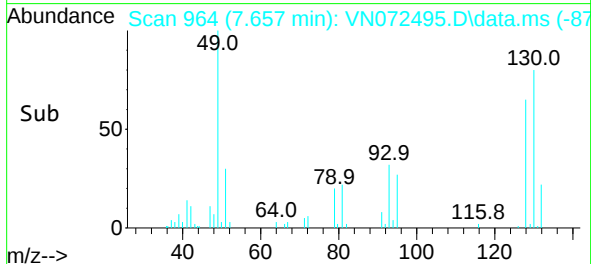
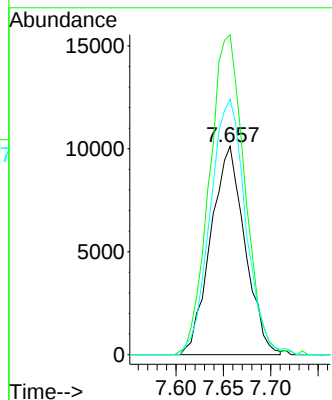
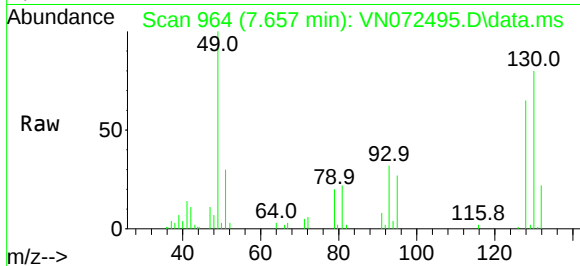
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.657 min Scan# 9
 Delta R.T. 0.006 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

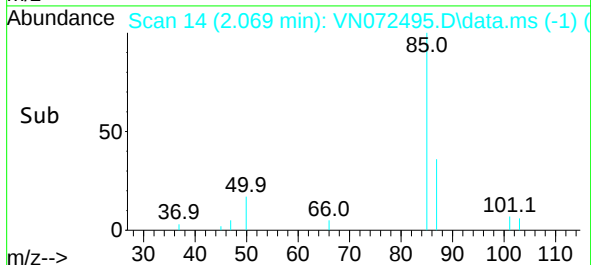
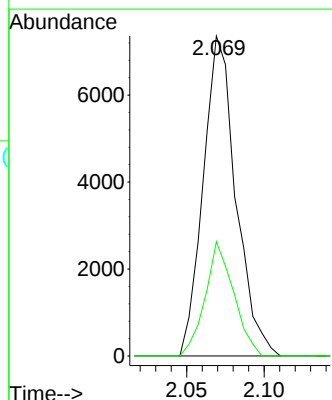
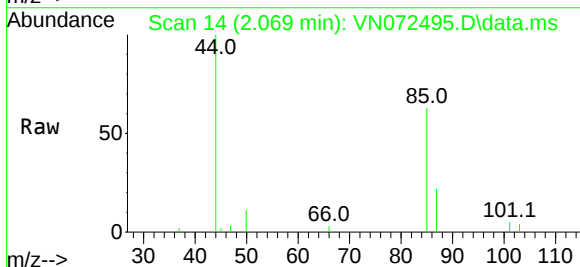
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

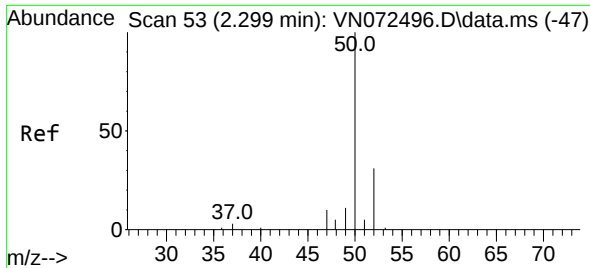
Tgt Ion:	128	Resp:	25418
Ion	Ratio	Lower	Upper
128	100		
49	157.8	0.0	392.3
130	126.5	0.0	320.2



#2
 Dichlorodifluoromethane
 Concen: 6.935 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

Tgt Ion:	85	Resp:	10781
Ion	Ratio	Lower	Upper
85	100		
87	35.7	16.6	49.7

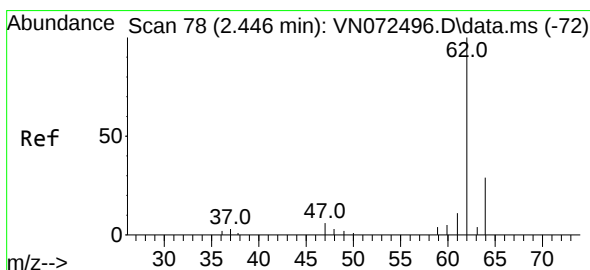
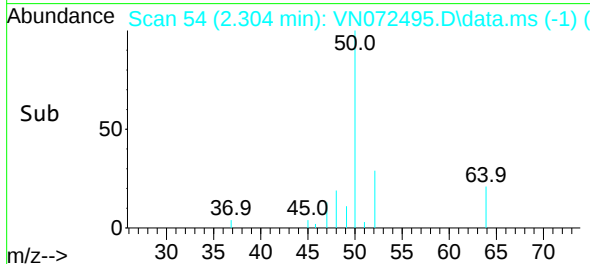
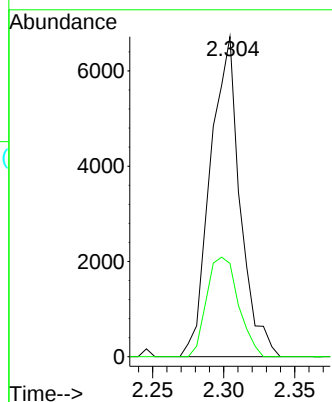
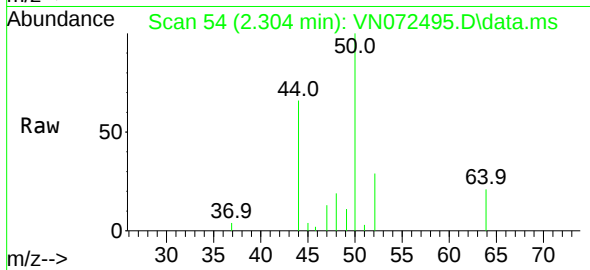




#3
Chloromethane
Concen: 5.837 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

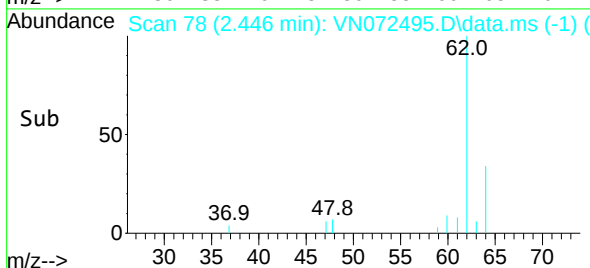
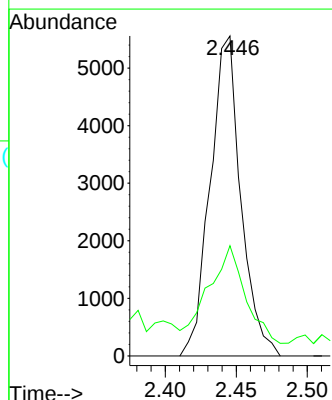
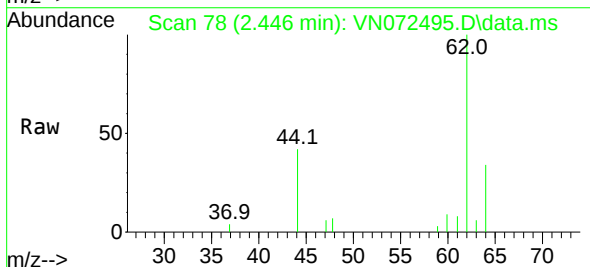
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

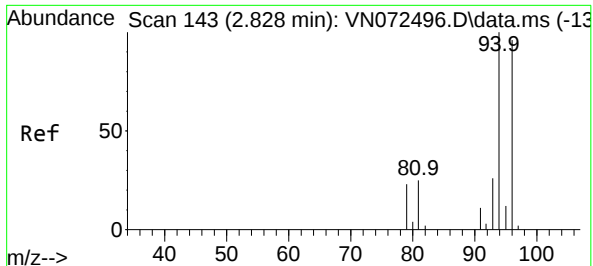
Tgt Ion: 50 Resp: 9801
Ion Ratio Lower Upper
50 100
52 29.2 27.8 41.6



#4
Vinyl Chloride
Concen: 4.748 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 62 Resp: 8344
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7

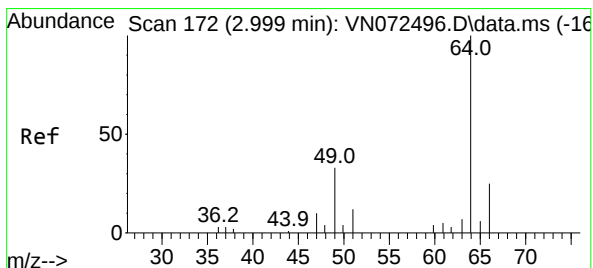
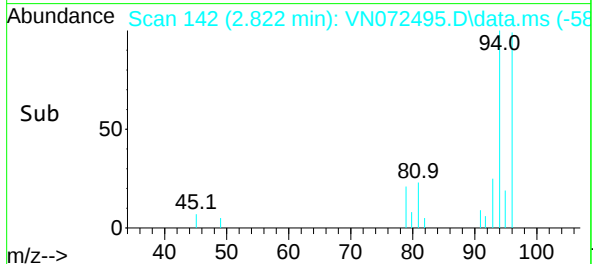
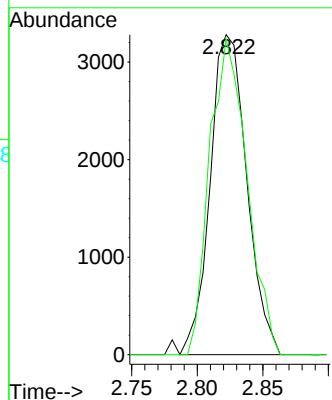
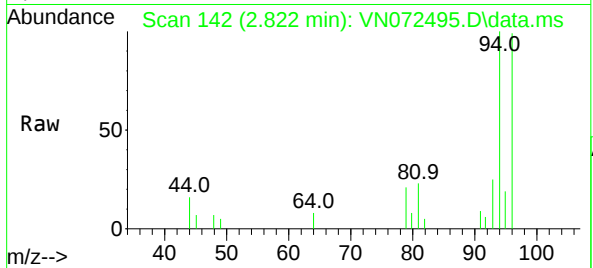




#5
Bromomethane
Concen: 6.100 ug/l
RT: 2.822 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

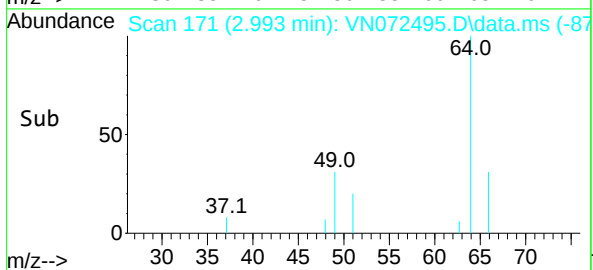
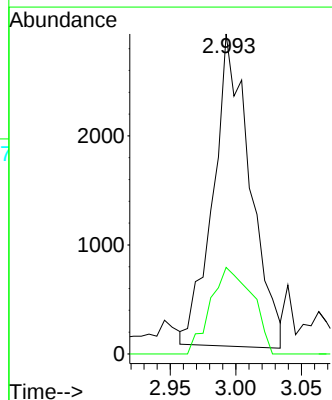
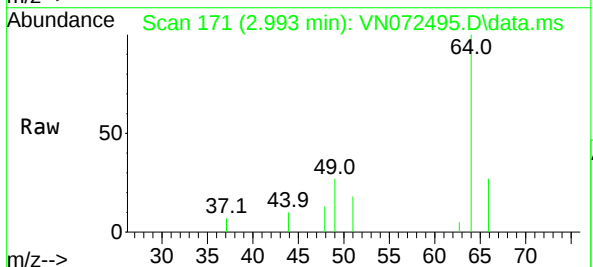
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

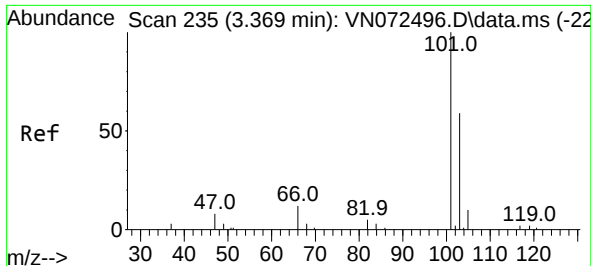
Tgt Ion: 94 Resp: 6384
Ion Ratio Lower Upper
94 100
96 98.6 75.2 112.8



#6
Chloroethane
Concen: 5.016 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 64 Resp: 5601
Ion Ratio Lower Upper
64 100
66 29.1 24.6 36.8

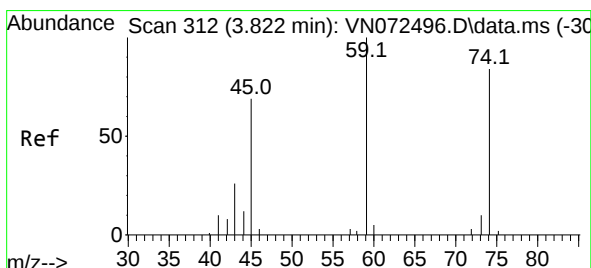
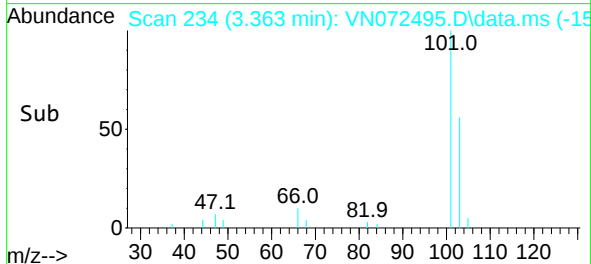
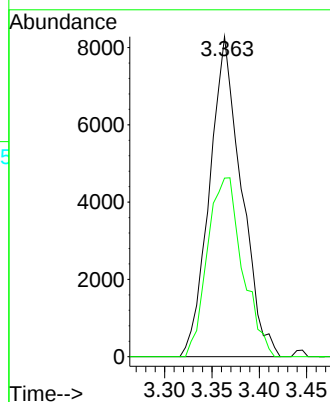
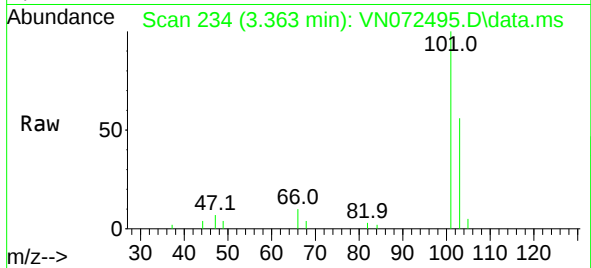




#7
 Trichlorofluoromethane
 Concen: 7.333 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

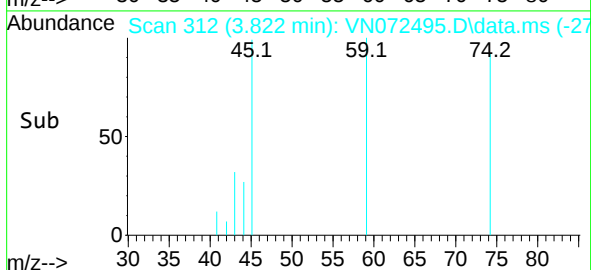
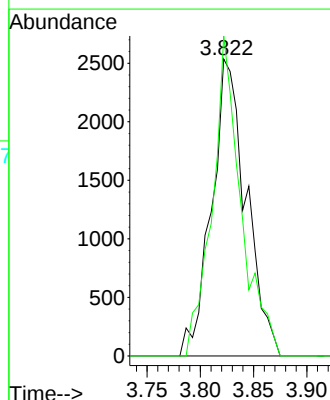
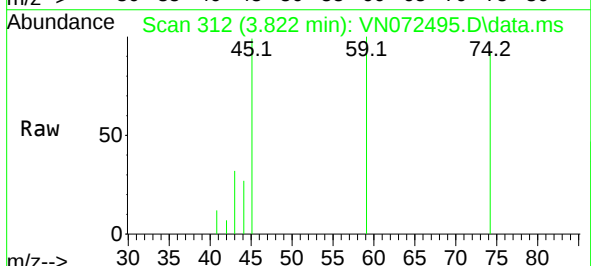
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

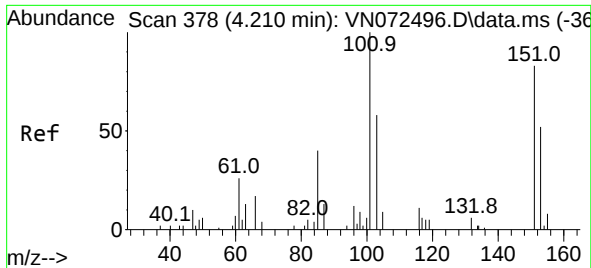
Tgt Ion:101 Resp: 19411
 Ion Ratio Lower Upper
 101 100
 103 55.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 5.916 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.000 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

Tgt Ion: 74 Resp: 5711
 Ion Ratio Lower Upper
 74 100
 45 90.0 17.6 158.8

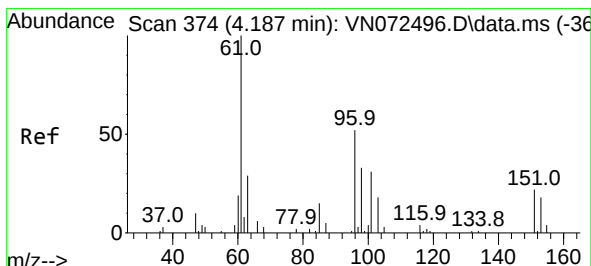
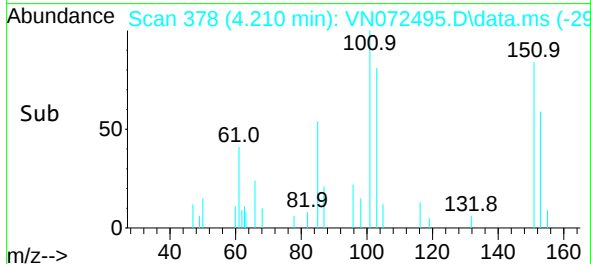
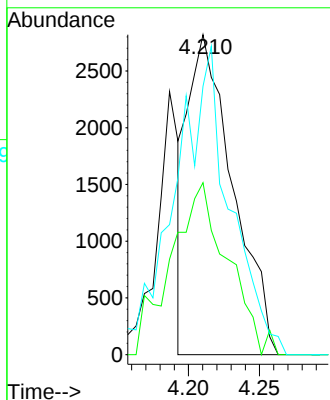
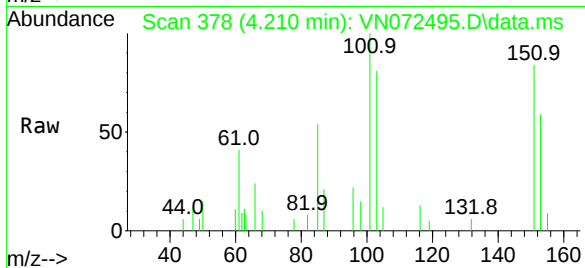




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.394 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

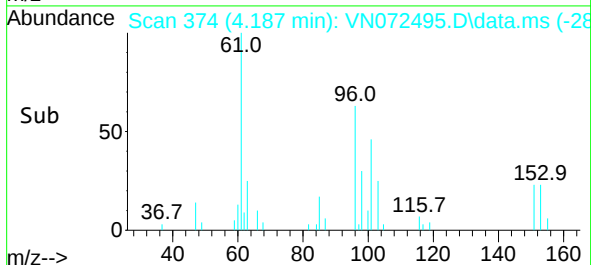
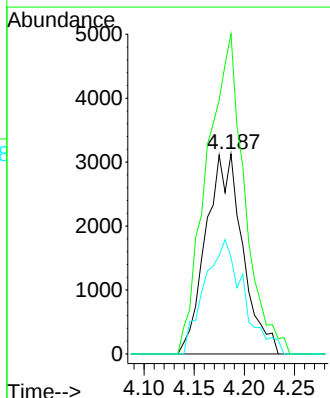
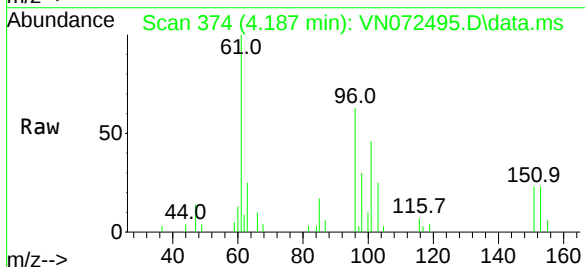
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

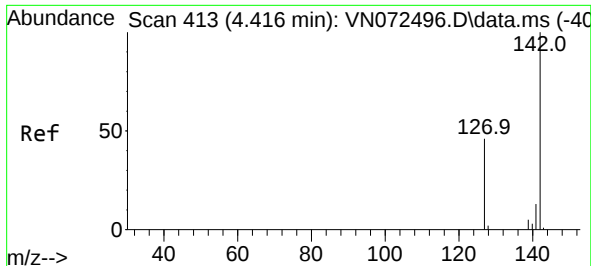
Tgt Ion:101 Resp: 6298
Ion Ratio Lower Upper
101 100
85 57.7 0.0 94.0
151 63.8 0.0 74.6



#10
1,1-Dichloroethene
Concen: 5.883 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 96 Resp: 7971
Ion Ratio Lower Upper
96 100
61 160.0 126.2 189.4
98 48.4 50.9 76.3#

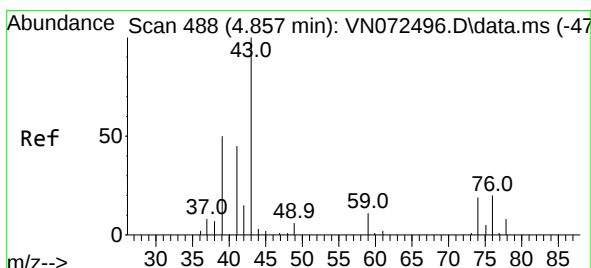
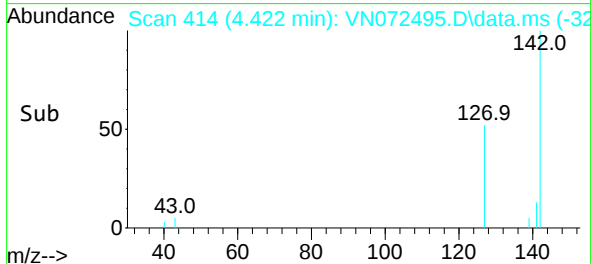
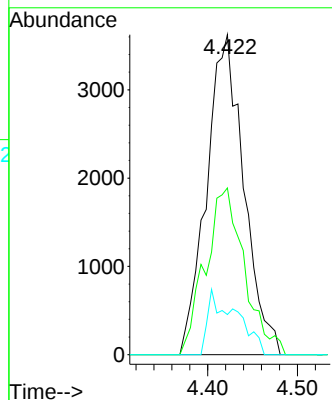
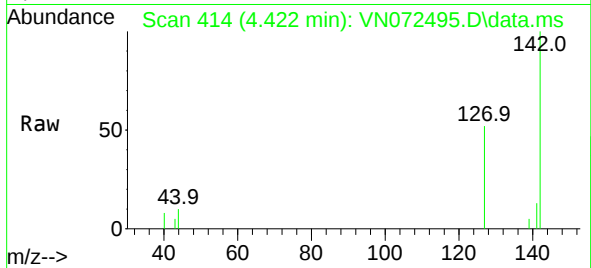




#11
Methyl Iodide
Concen: 5.246 ug/l
RT: 4.422 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

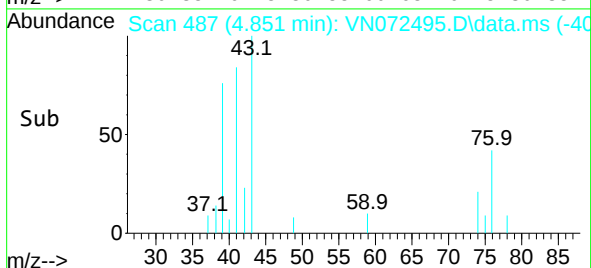
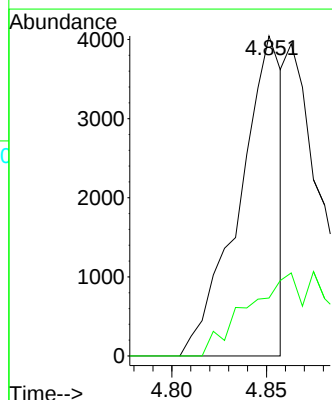
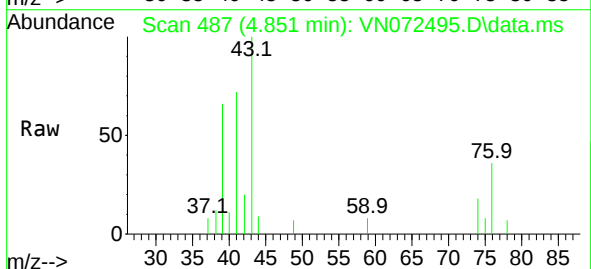
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

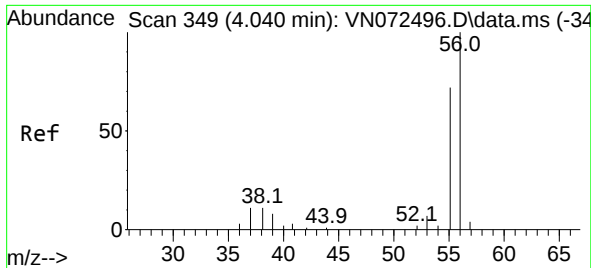
Tgt Ion:142 Resp: 10437
Ion Ratio Lower Upper
142 100
127 50.0 24.0 72.0
141 12.6 8.4 25.2



#12
Methyl Acetate
Concen: 3.132 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 43 Resp: 6417
Ion Ratio Lower Upper
43 100
74 11.5 20.8 31.2#

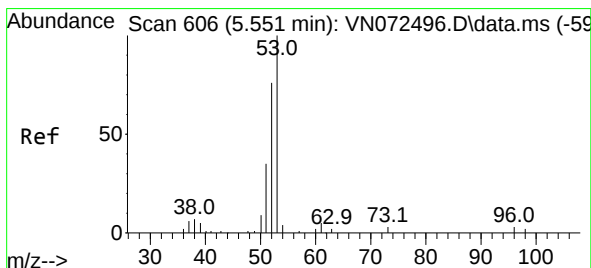
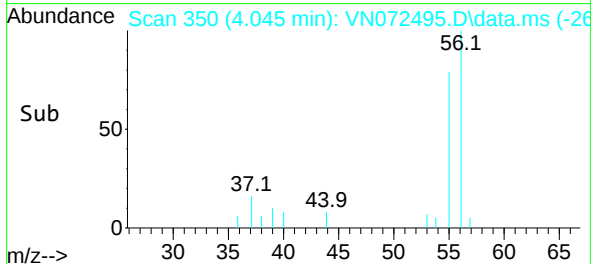
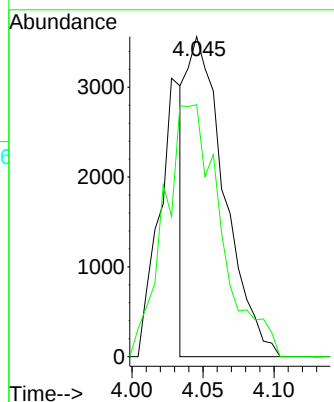
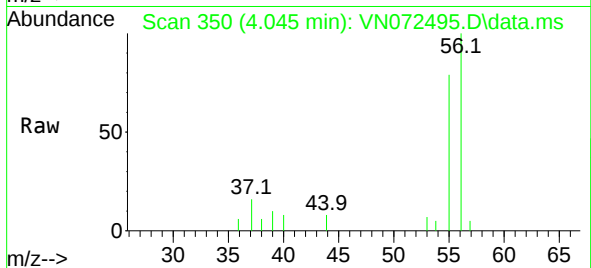




#13
Acrolein
Concen: 26.183 ug/l
RT: 4.045 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

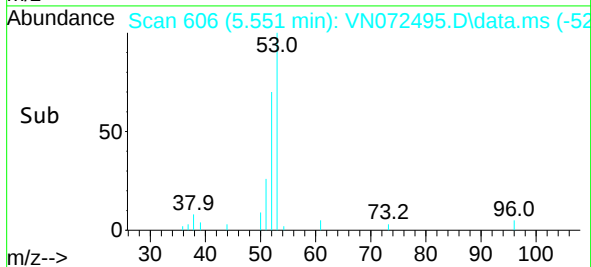
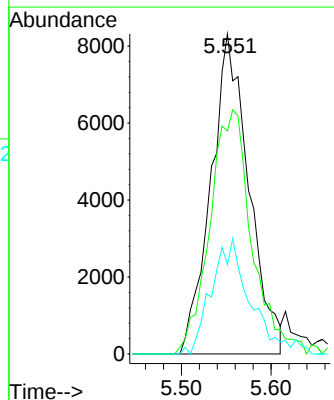
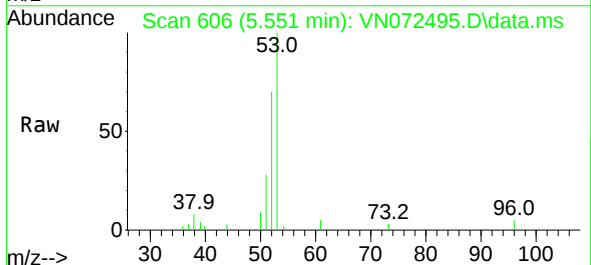
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

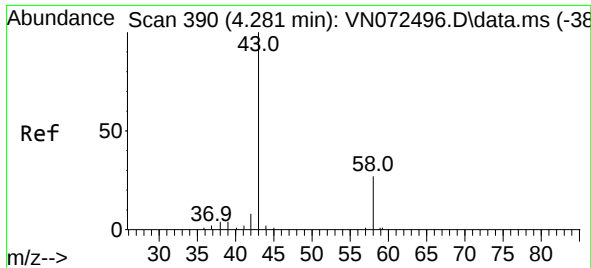
Tgt Ion: 56 Resp: 6631
Ion Ratio Lower Upper
56 100
55 117.6 57.6 86.4#



#14
Acrylonitrile
Concen: 27.673 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 53 Resp: 24445
Ion Ratio Lower Upper
53 100
52 82.9 41.8 125.4
51 16.6 19.0 57.0#

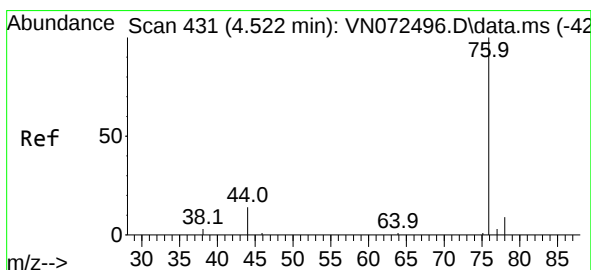
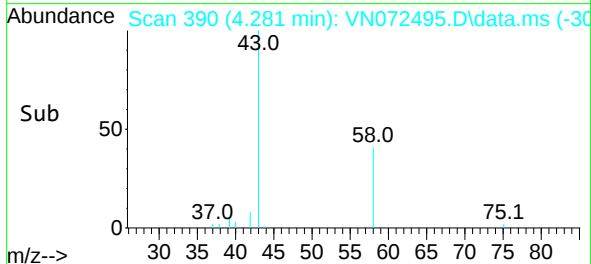
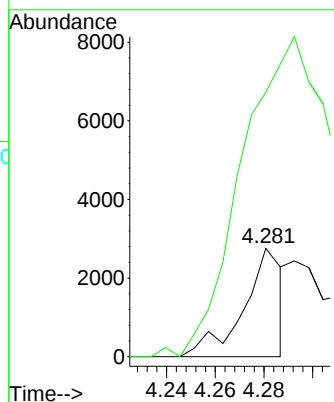
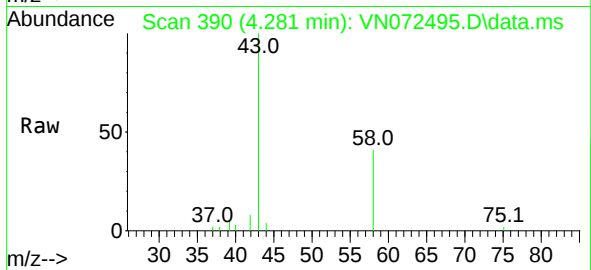




#15
Acetone
Concen: 12.500 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

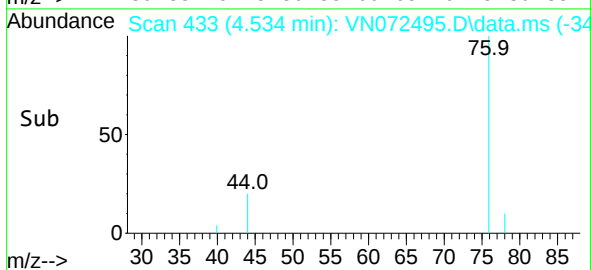
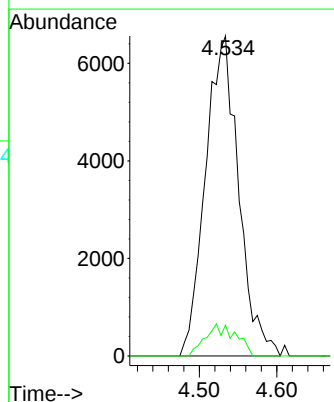
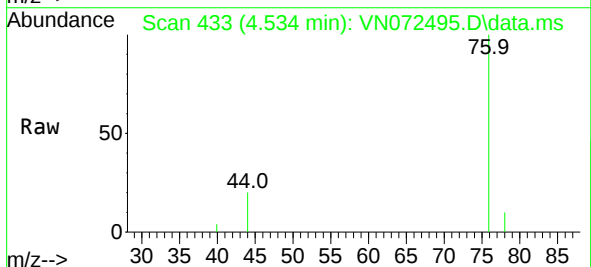
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

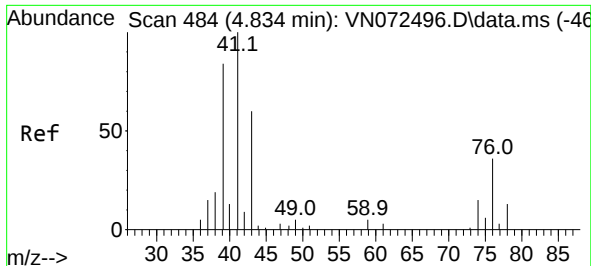
Tgt Ion: 58 Resp: 3066
Ion Ratio Lower Upper
58 100
43 243.8 256.6 384.8#



#16
Carbon Disulfide
Concen: 5.490 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.012 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 76 Resp: 19521
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.8





#17

Allyl chloride

Concen: 2.124 ug/l

RT: 4.845 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

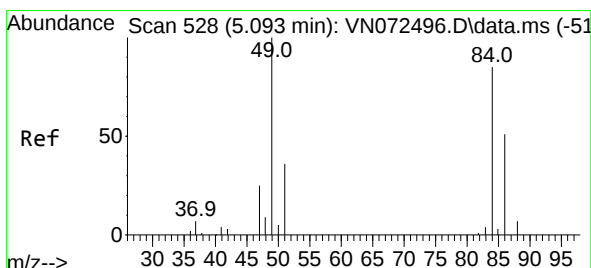
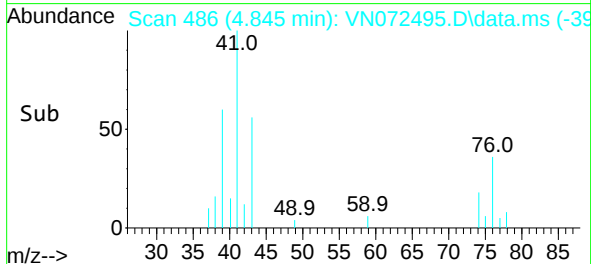
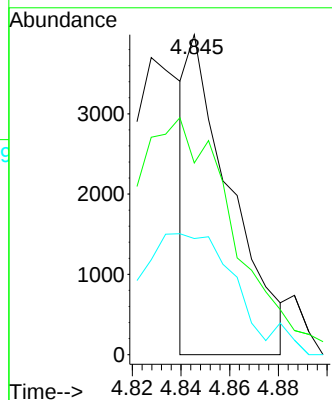
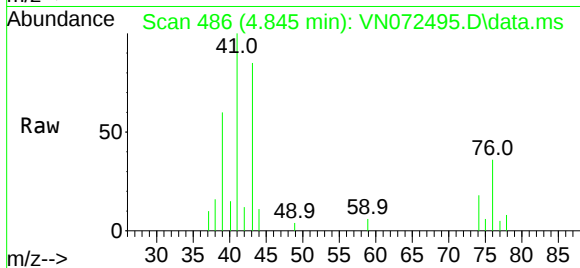
Tgt Ion: 41 Resp: 4850

Ion Ratio Lower Upper

41 100

39 54.7 44.6 134.0

76 31.5 19.6 58.7



#18

Methylene Chloride

Concen: 5.777 ug/l

RT: 5.098 min Scan# 529

Delta R.T. 0.006 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Tgt Ion: 84 Resp: 9469

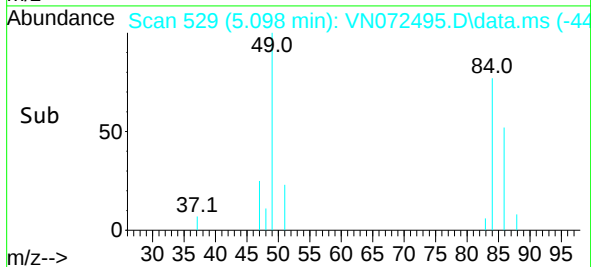
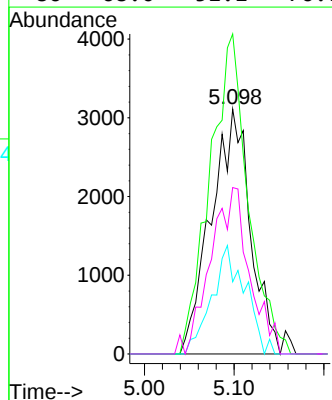
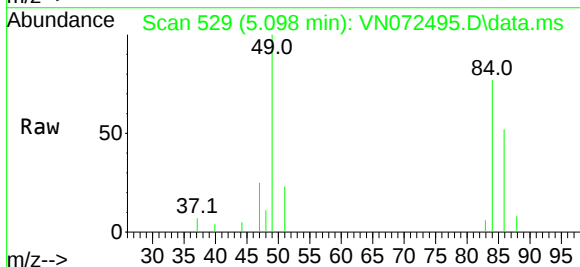
Ion Ratio Lower Upper

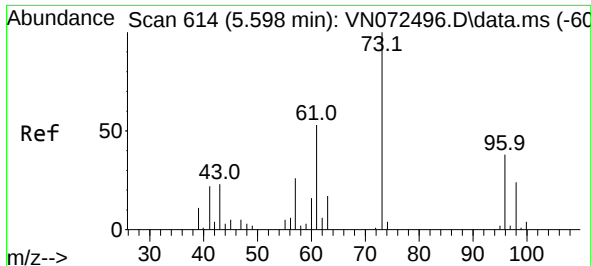
84 100

49 130.7 91.4 137.0

51 29.4 29.4 44.0

86 68.0 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 6.099 ug/l

RT: 5.592 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN072495.D

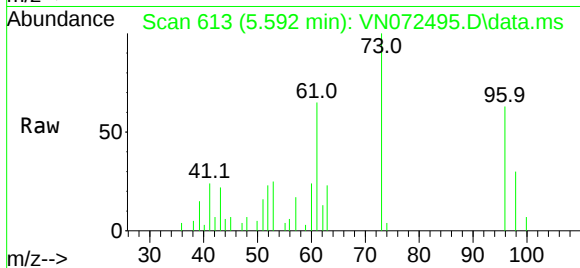
Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



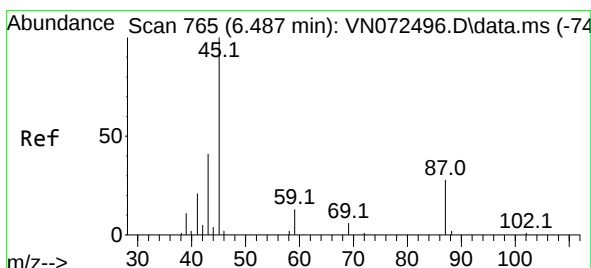
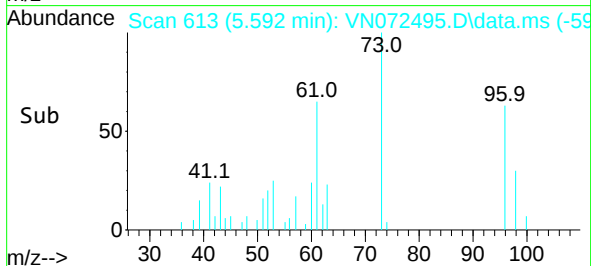
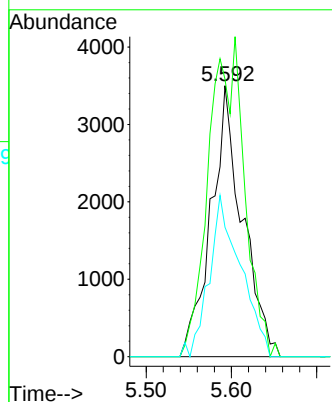
Tgt Ion: 96 Resp: 8972

Ion Ratio Lower Upper

96 100

61 102.4 102.8 154.2#

98 47.8 49.3 73.9#



#20

Diisopropyl ether

Concen: 6.113 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.006 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Tgt Ion: 45 Resp: 29127

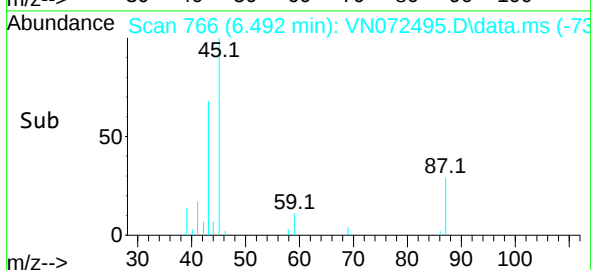
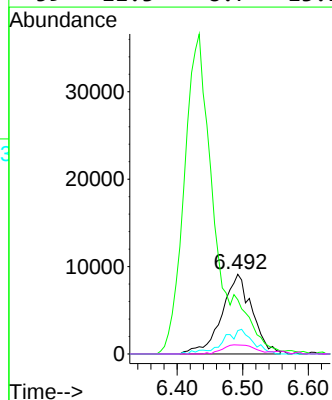
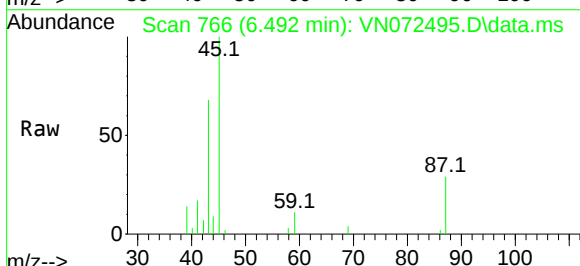
Ion Ratio Lower Upper

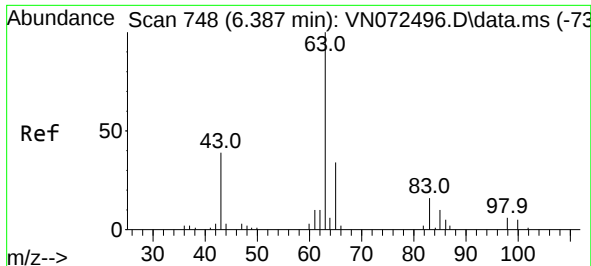
45 100

43 64.4 51.0 76.4

87 29.3 25.0 37.4

59 11.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 6.552 ug/l

RT: 6.386 min Scan# 74

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

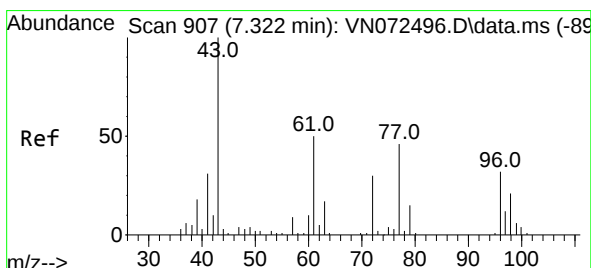
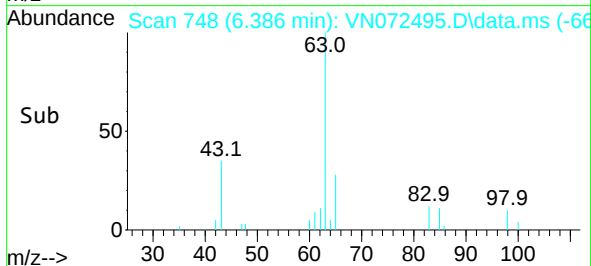
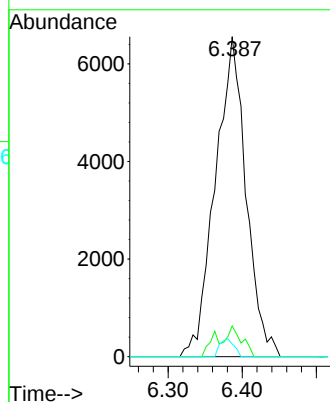
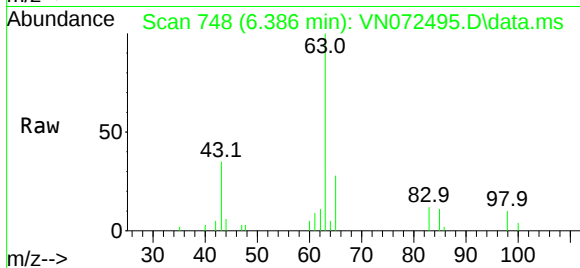
Tgt Ion: 63 Resp: 18906

Ion Ratio Lower Upper

63 100

98 9.6 3.2 9.6

100 4.0 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 5.682 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

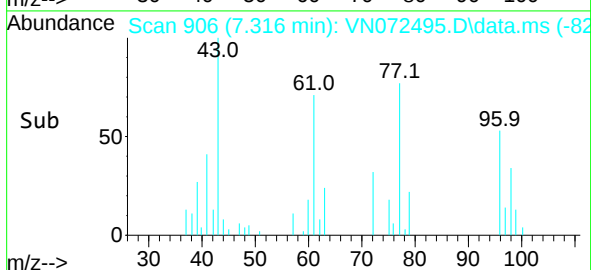
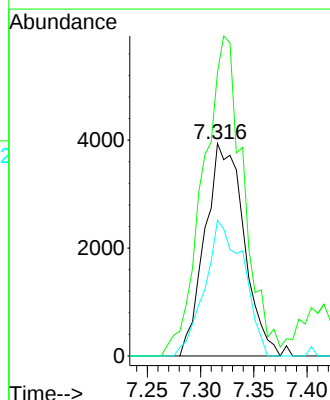
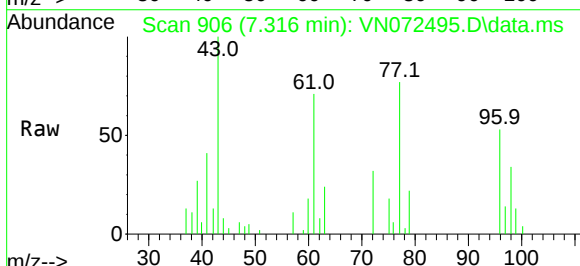
Tgt Ion: 96 Resp: 10000

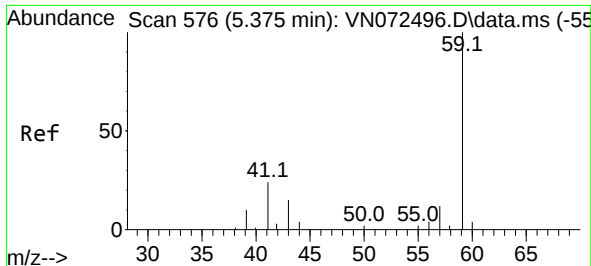
Ion Ratio Lower Upper

96 100

61 156.6 115.7 173.5

98 48.4 51.6 77.4#

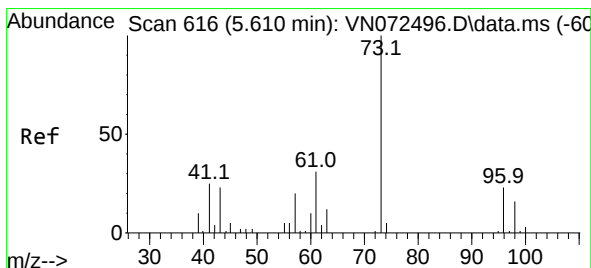
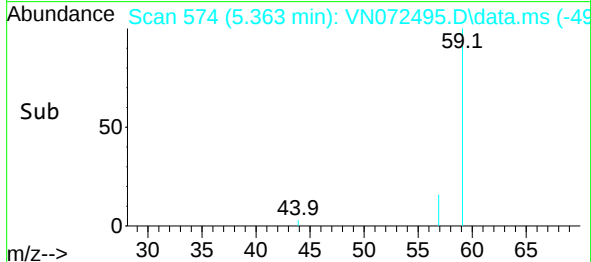
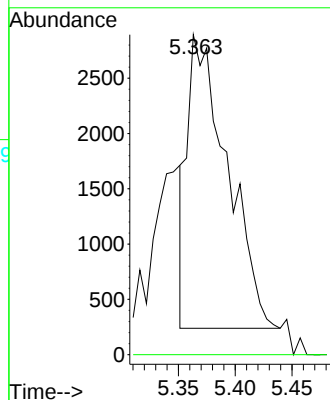
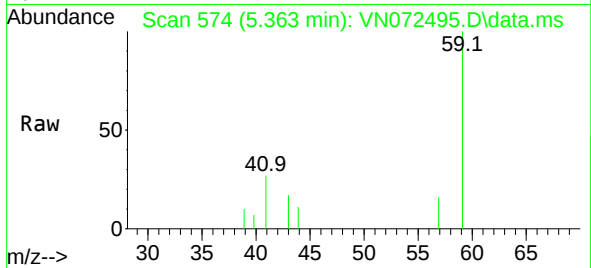




#23
tert-Butyl Alcohol
Concen: 18.829 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

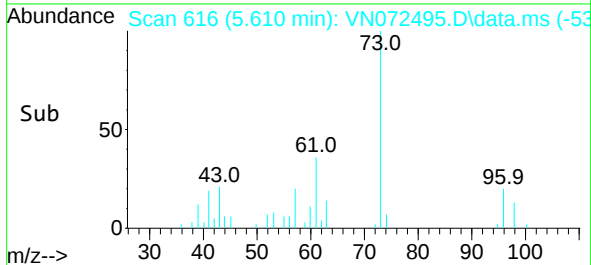
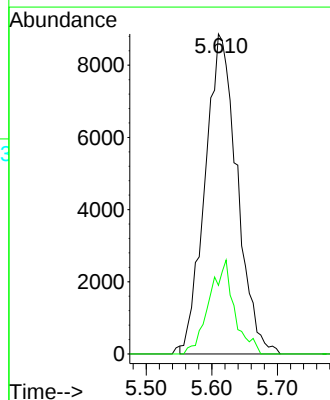
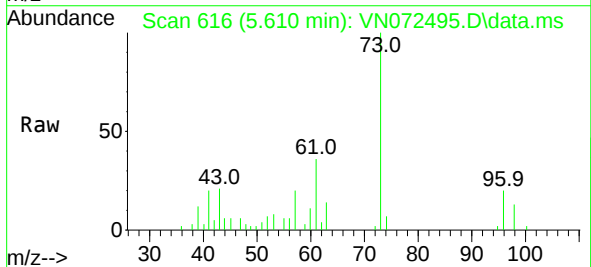
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

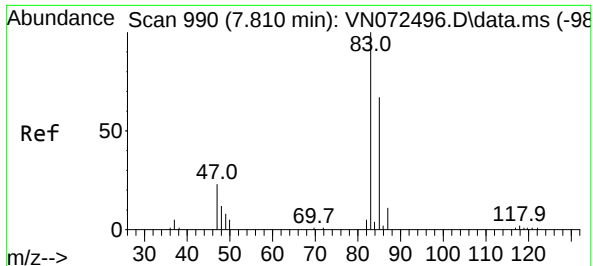
Tgt Ion: 59 Resp: 6433
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 5.845 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 73 Resp: 30055
Ion Ratio Lower Upper
73 100
43 17.9 18.1 27.1#





#25

Chloroform

Concen: 6.422 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

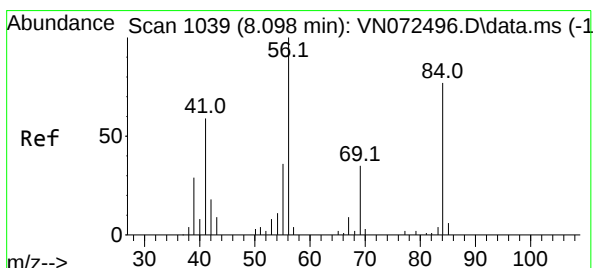
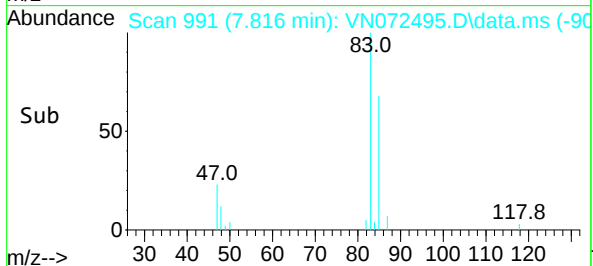
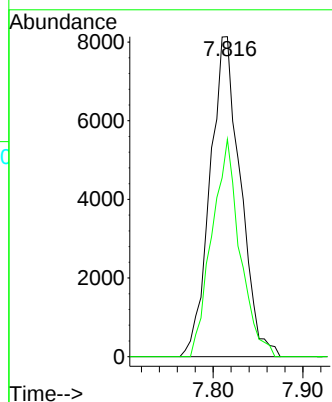
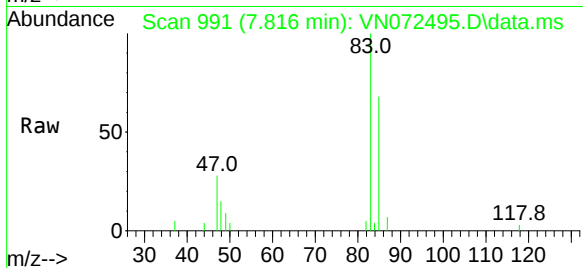
VSTDIC005

Tgt Ion: 83 Resp: 19142

Ion Ratio Lower Upper

83 100

85 68.0 51.3 76.9



#26

Cyclohexane

Concen: 5.239 ug/l

RT: 8.098 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

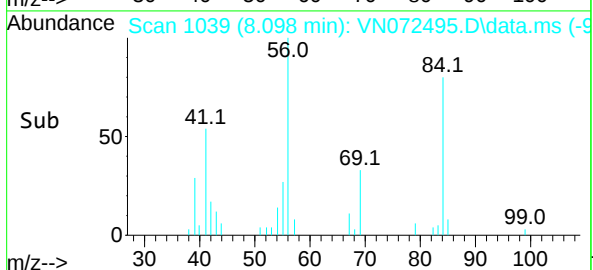
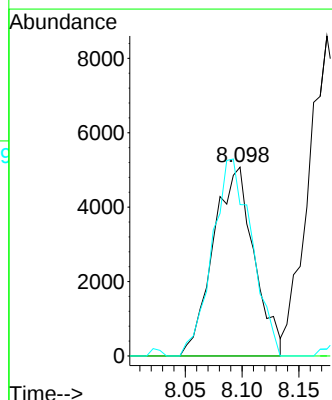
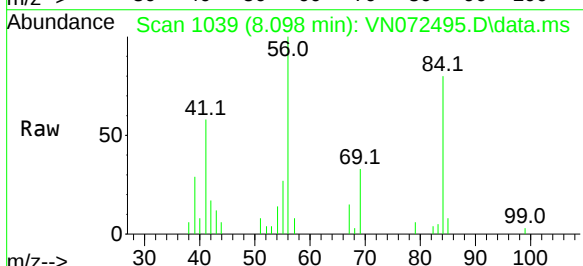
Tgt Ion: 56 Resp: 12730

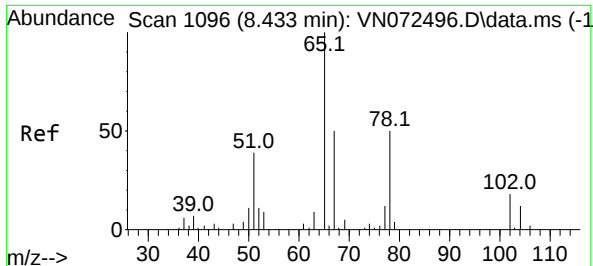
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 100.7 74.6 111.8

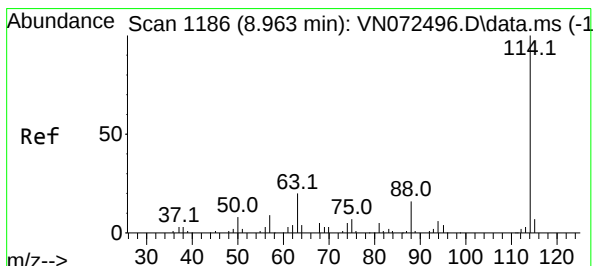
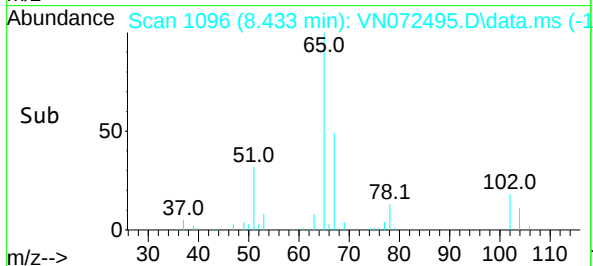
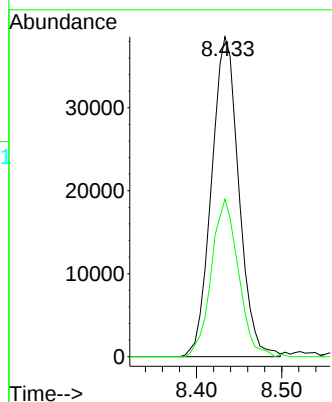
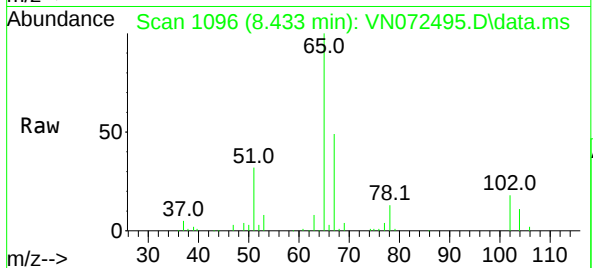




#27
1,2-Dichloroethane-d4
Concen: 37.208 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

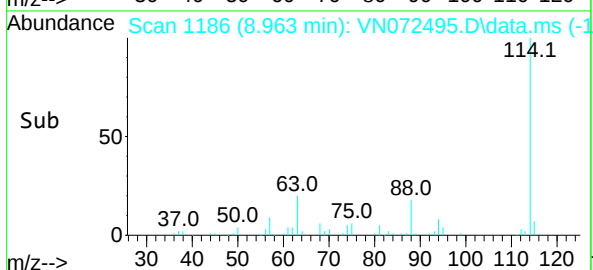
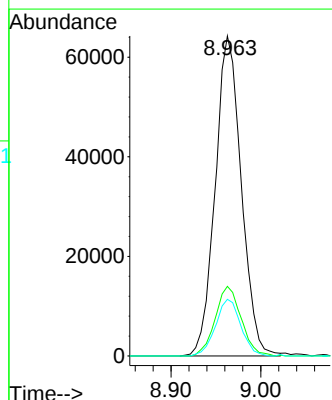
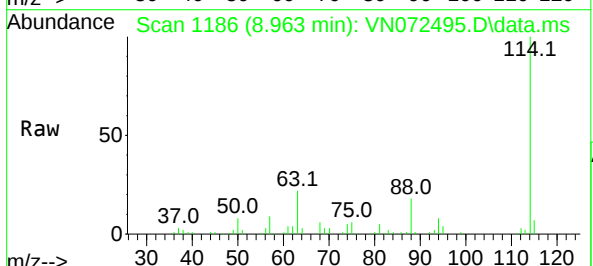
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

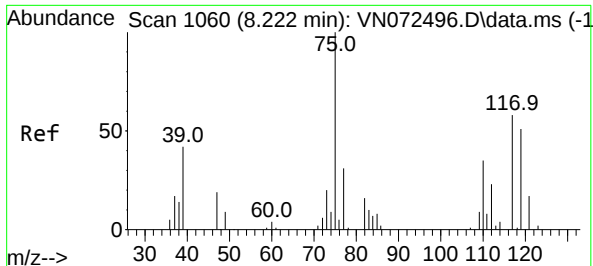
Tgt Ion: 65 Resp: 85847
Ion Ratio Lower Upper
65 100
67 48.6 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 114 Resp: 129717
Ion Ratio Lower Upper
114 100
63 21.6 15.8 23.6
88 17.1 11.6 17.4

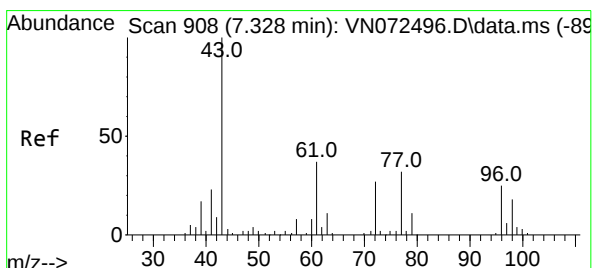
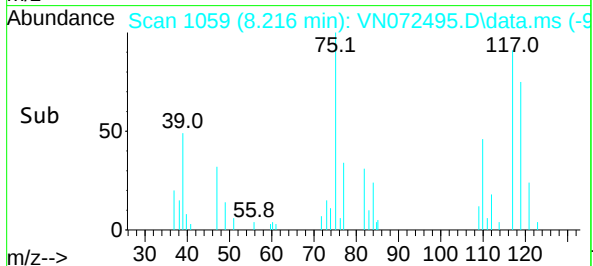
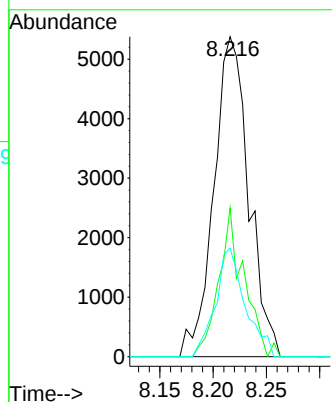
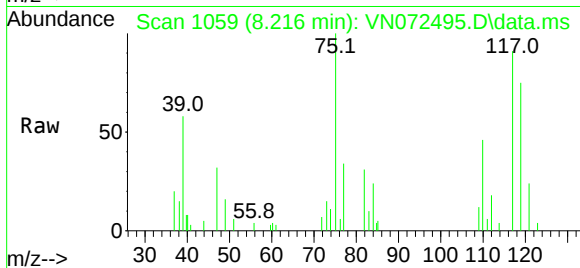




#29
1,1-Dichloropropene
Concen: 6.181 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

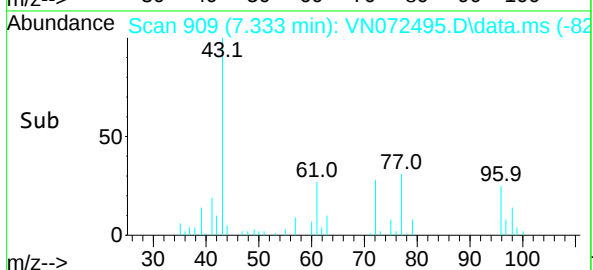
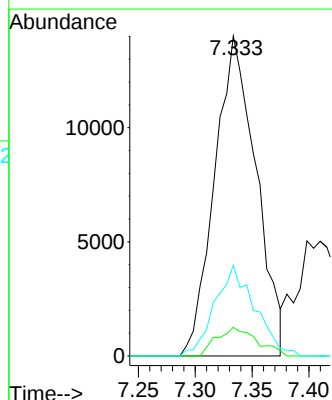
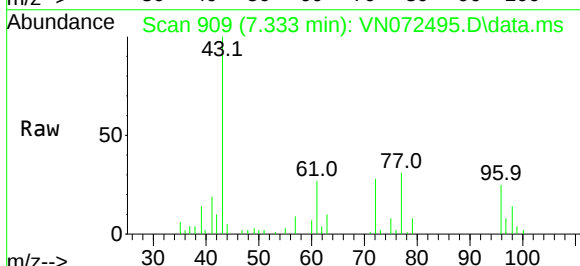
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

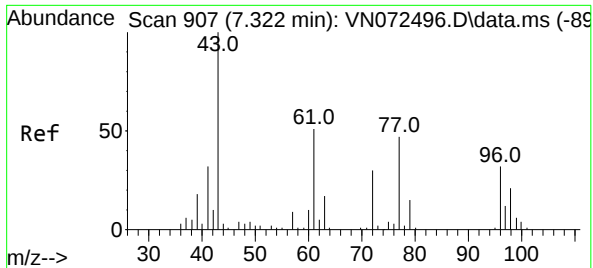
Tgt Ion:	75	Resp:	12254
Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	74.2
77	29.0	0.0	63.2



#30
2-Butanone
Concen: 31.440 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion:	43	Resp:	35617
Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.7	10.1
72	27.1	23.2	34.8

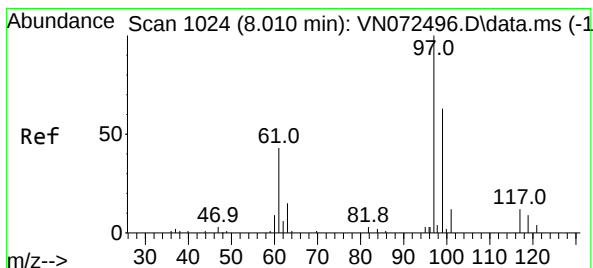
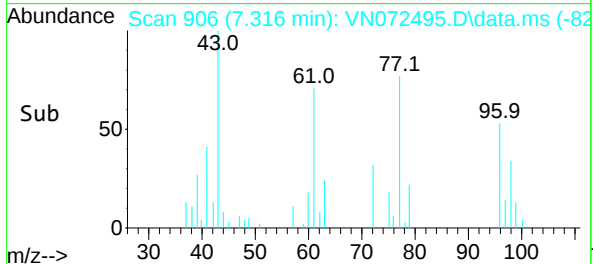
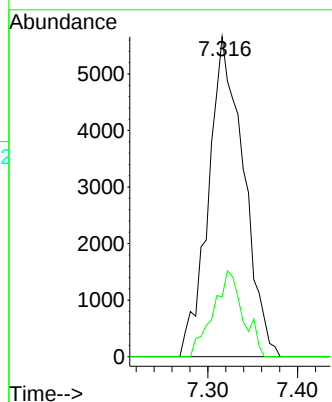
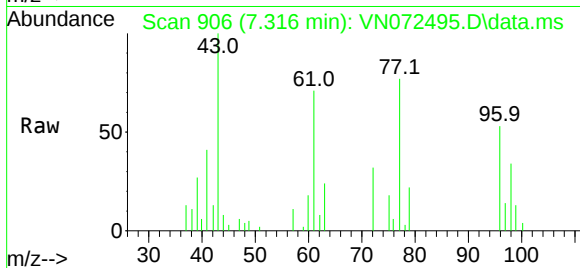




#31
2,2-Dichloropropane
Concen: 6.630 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

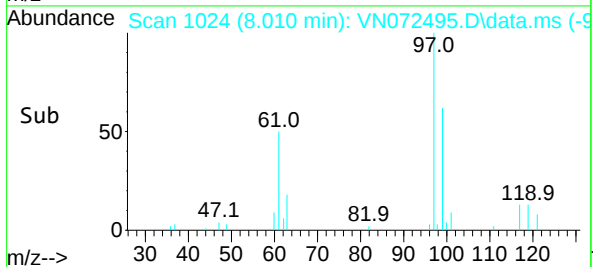
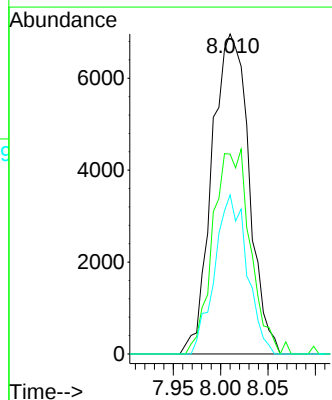
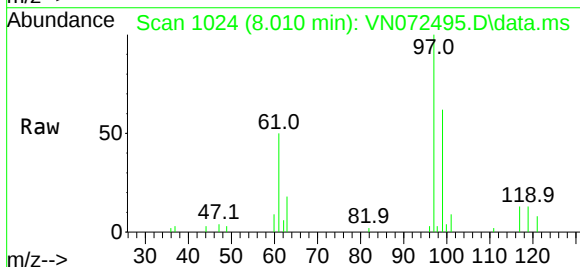
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

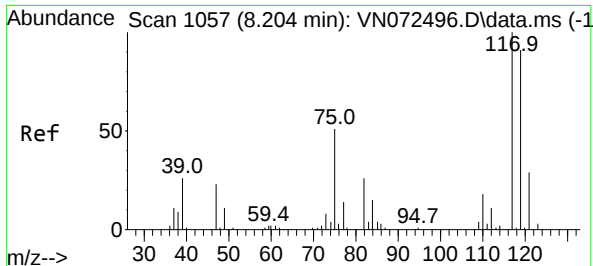
Tgt Ion: 77 Resp: 15379
Ion Ratio Lower Upper
77 100
97 20.8 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 7.565 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 97 Resp: 18949
Ion Ratio Lower Upper
97 100
99 41.2 50.4 75.6#
61 43.3 34.6 51.8

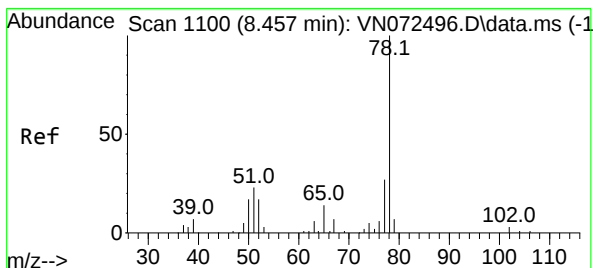
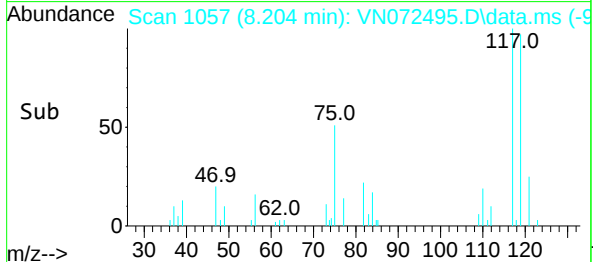
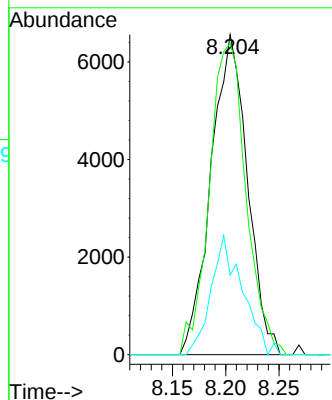
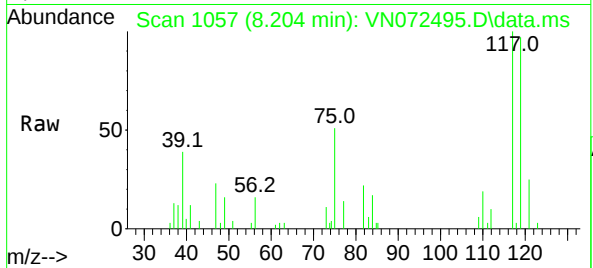




#33
Carbon Tetrachloride
Concen: 7.087 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

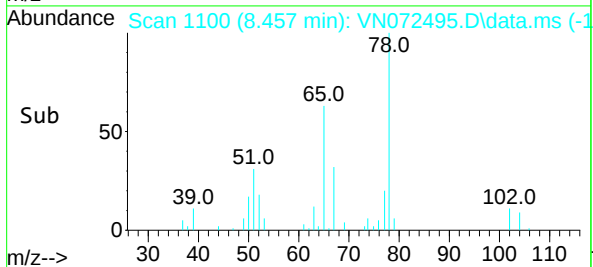
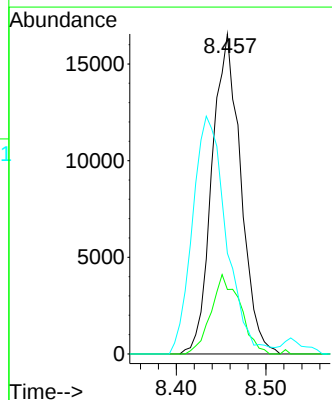
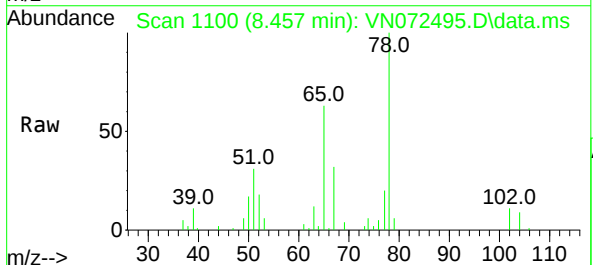
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

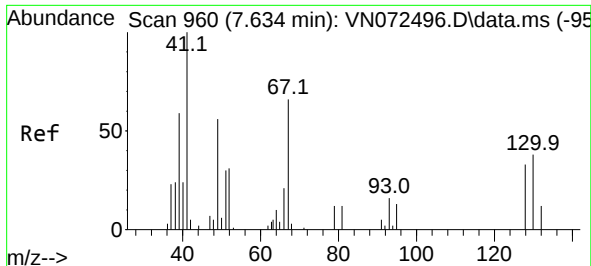
Tgt Ion:117 Resp: 15577
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3
121 24.9 23.5 35.3



#34
Benzene
Concen: 6.094 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 78 Resp: 36759
Ion Ratio Lower Upper
78 100
77 20.2 19.1 28.7
51 29.1 16.0 24.0#

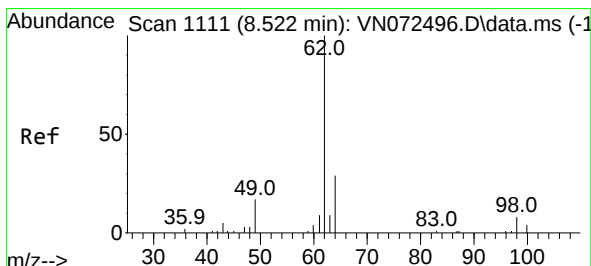
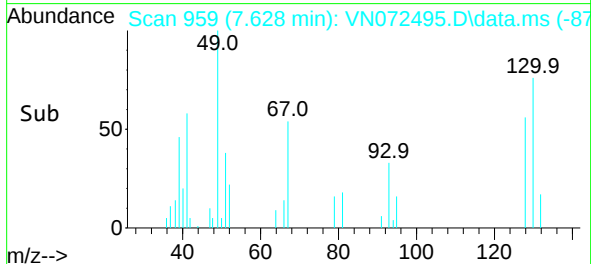
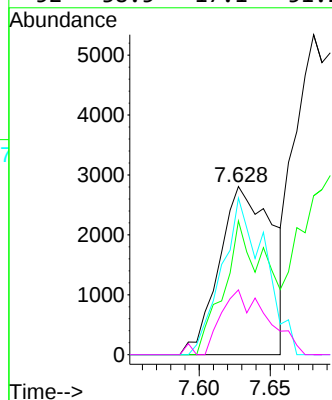
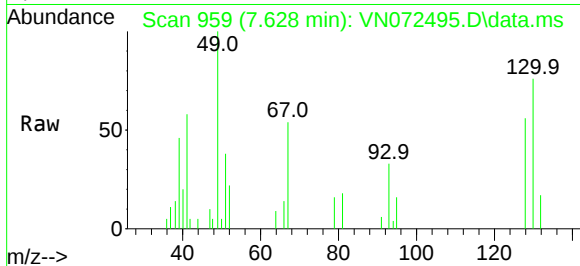




#35
Methacrylonitrile
Concen: 6.636 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

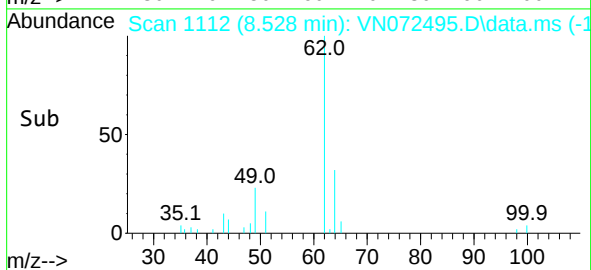
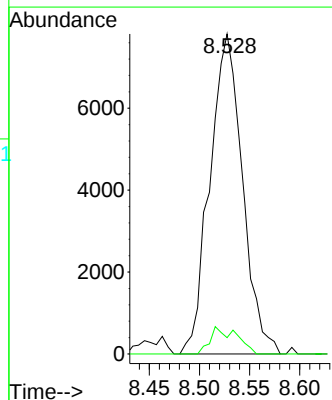
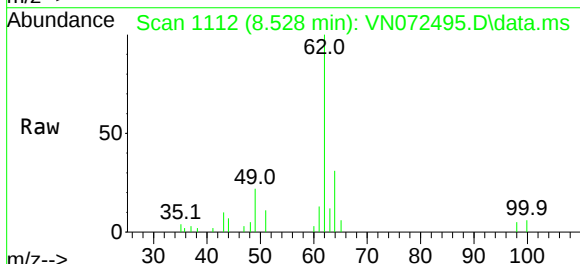
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

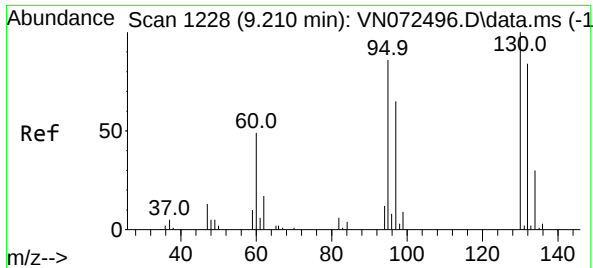
Tgt Ion: 41	Resp: 7333
Ion Ratio	Lower Upper
41 100	
39 79.6	28.0 83.9
67 93.2	37.7 113.1
52 38.5	17.1 51.2



#36
1,2-Dichloroethane
Concen: 7.484 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 62	Resp: 17709
Ion Ratio	Lower Upper
62 100	
98 2.8	6.6 10.0#

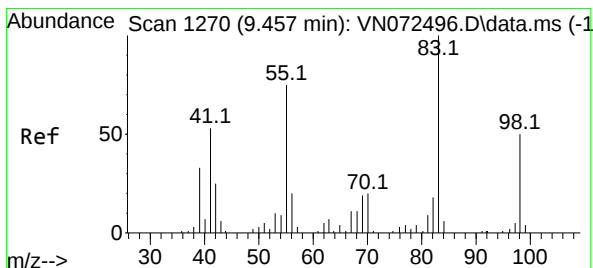
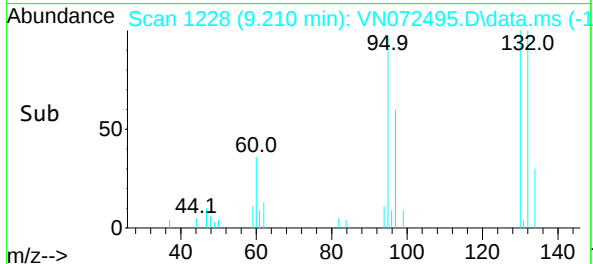
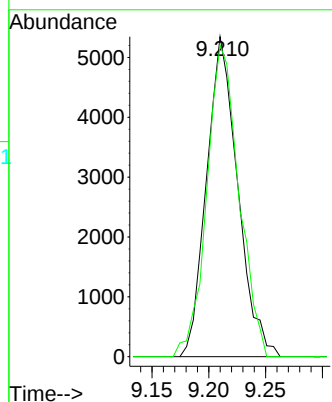
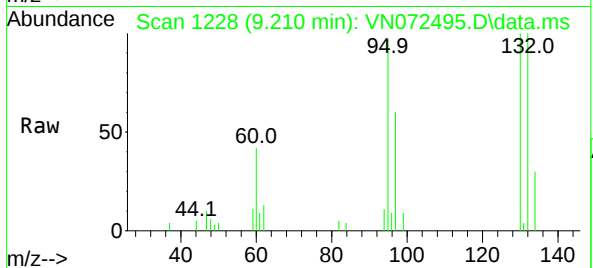




#37
Trichloroethene
Concen: 6.437 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

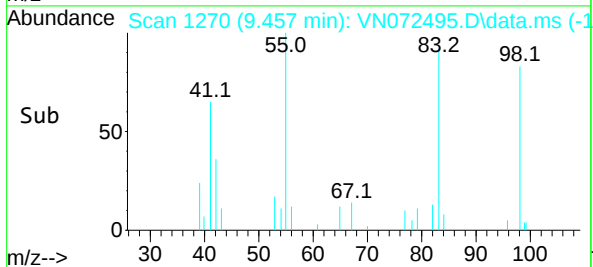
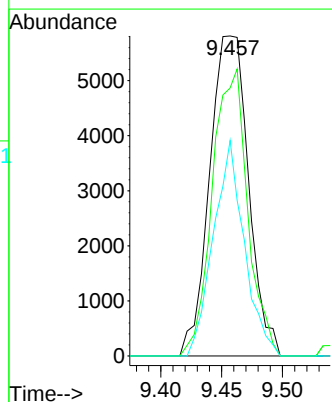
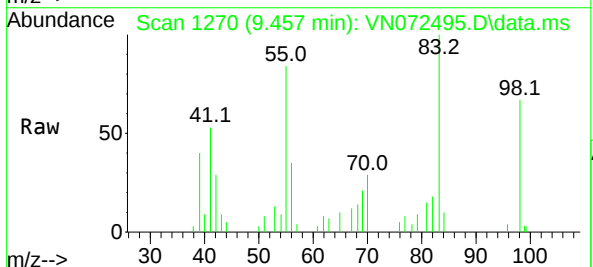
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

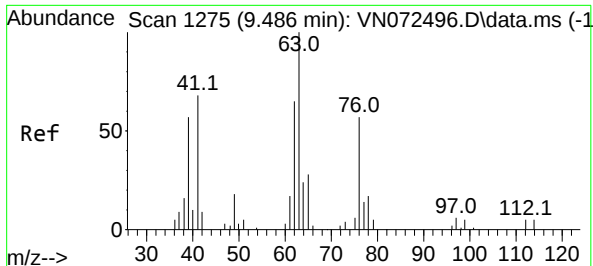
Tgt Ion:130 Resp: 10214
Ion Ratio Lower Upper
130 100
95 97.3 76.6 115.0



#38
Methylcyclohexane
Concen: 5.333 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 83 Resp: 12955
Ion Ratio Lower Upper
83 100
55 81.0 35.1 105.3
98 53.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 5.948 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

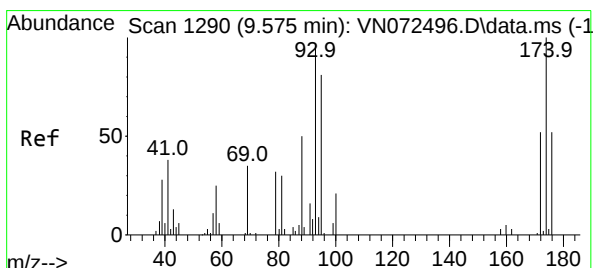
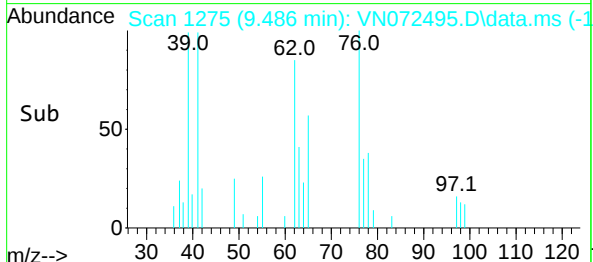
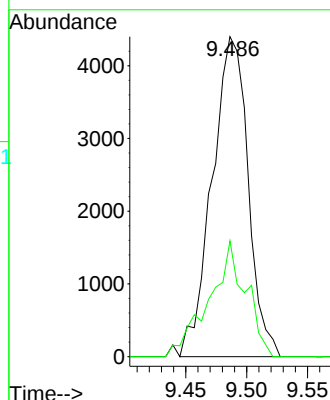
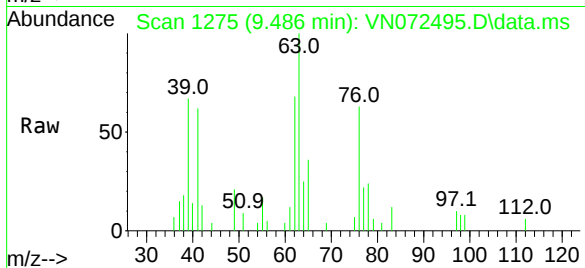
VSTDIC005

Tgt Ion: 63 Resp: 9059

Ion Ratio Lower Upper

63 100

65 36.2 24.2 36.4



#40

Dibromomethane

Concen: 6.724 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

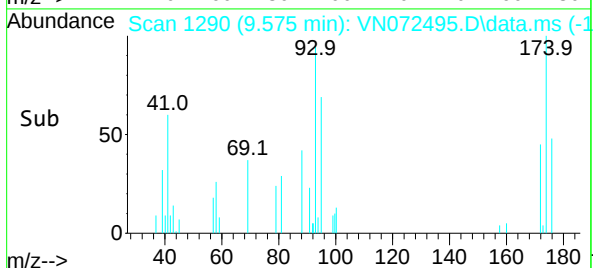
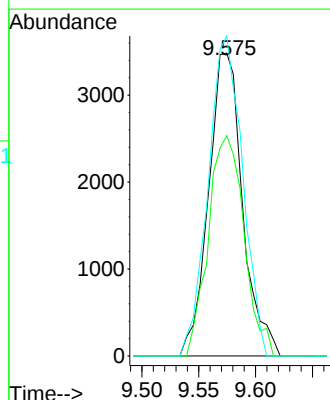
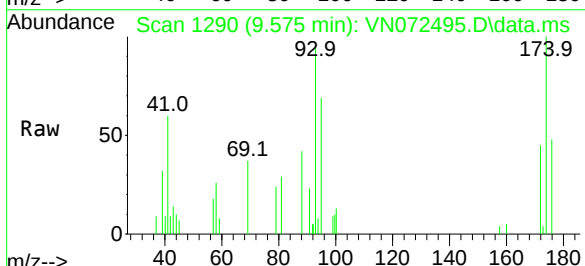
Tgt Ion: 93 Resp: 7249

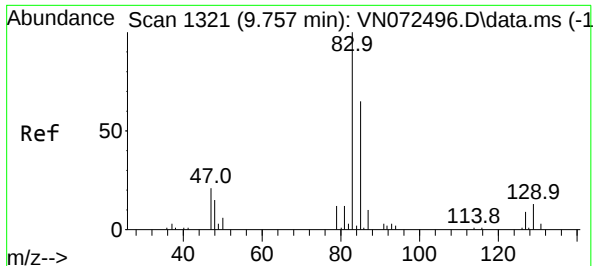
Ion Ratio Lower Upper

93 100

95 76.3 0.0 168.8

174 106.4 0.0 173.6

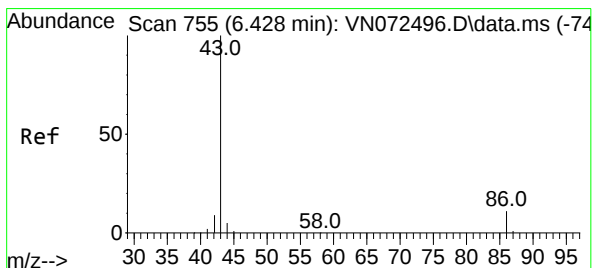
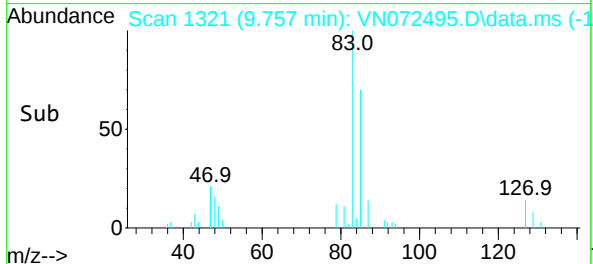
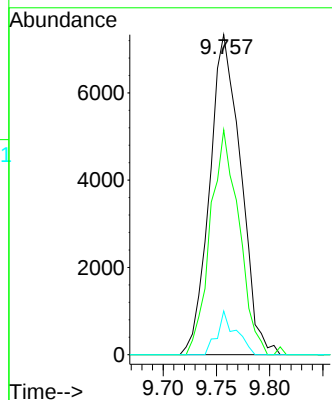
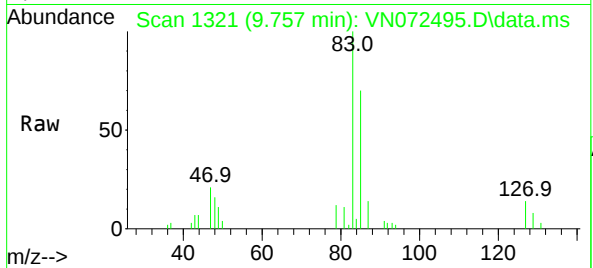




#41
Bromodichloromethane
Concen: 6.846 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

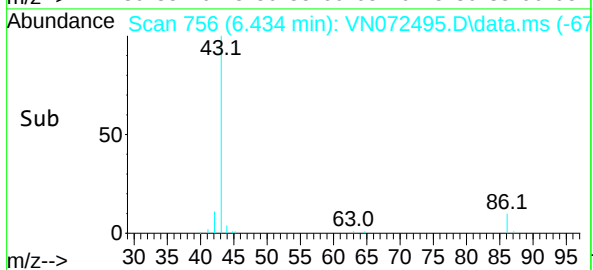
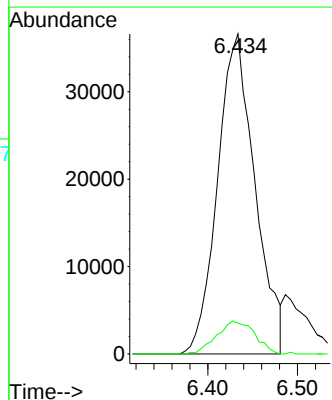
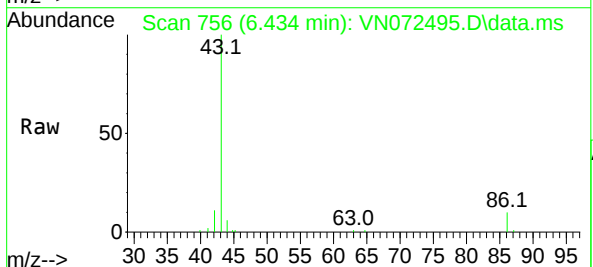
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

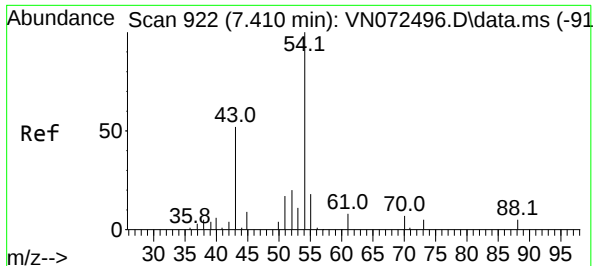
Tgt Ion: 83 Resp: 14933
Ion Ratio Lower Upper
83 100
85 70.2 54.1 81.1
127 13.6 7.6 11.4#



#42
Vinyl Acetate
Concen: 27.446 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 43 Resp: 106017
Ion Ratio Lower Upper
43 100
86 10.5 7.5 11.3

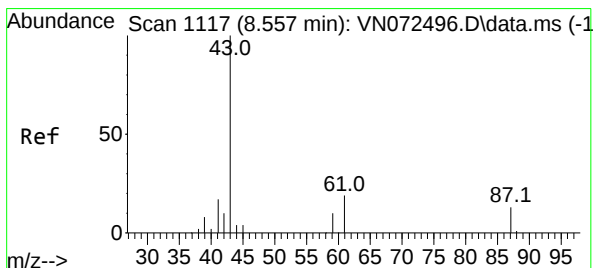
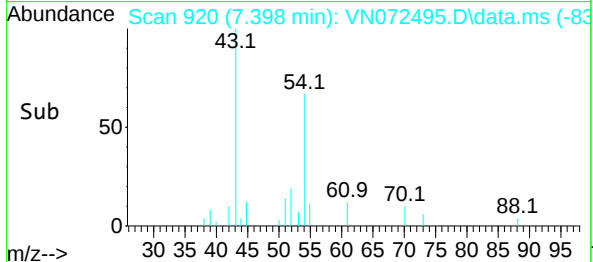
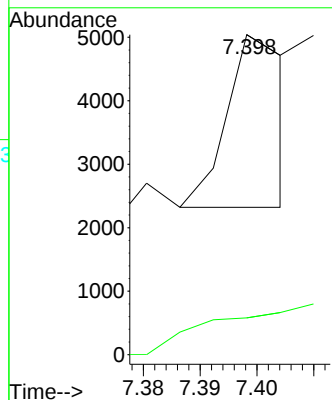
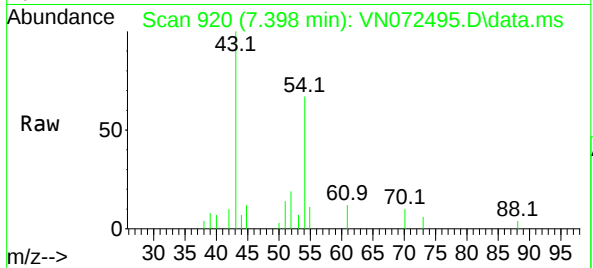




#43
Ethyl Acetate
Concen: 0.937 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

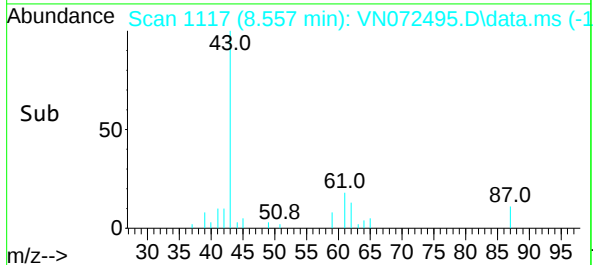
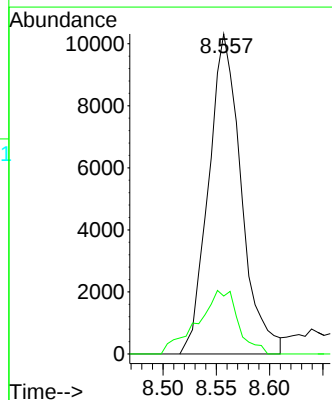
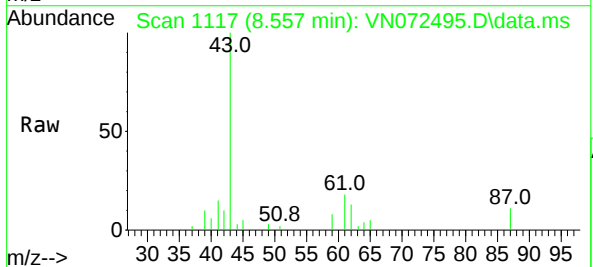
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

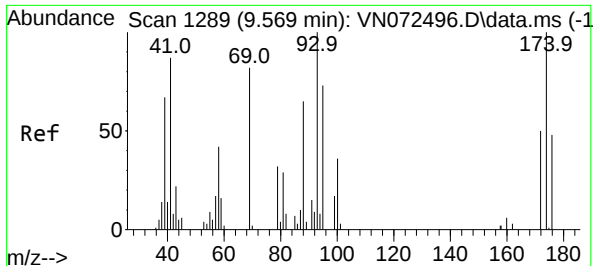
Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
45 93.8 10.6 16.0#



#44
Isopropyl Acetate
Concen: 6.201 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 43 Resp: 22018
Ion Ratio Lower Upper
43 100
61 24.6 20.1 30.1





#45

1,4-Dioxane

Concen: 110.201 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

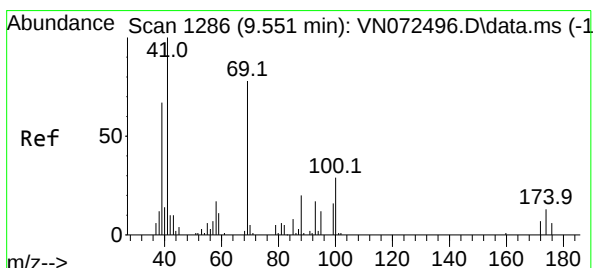
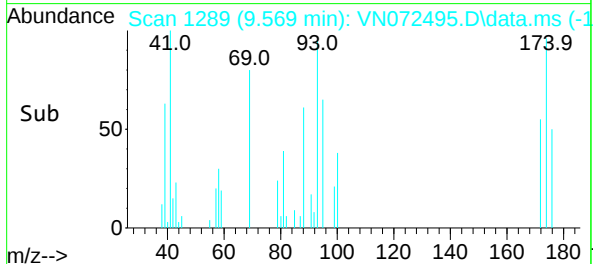
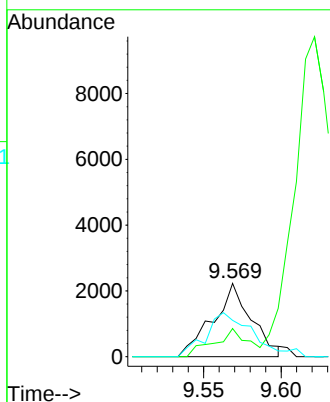
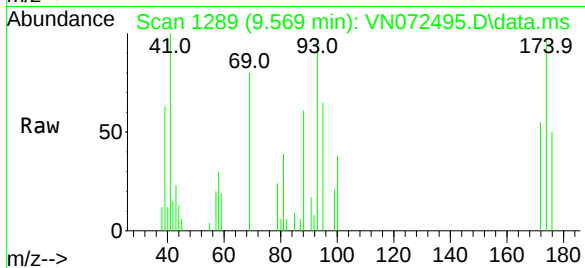
Tgt Ion: 88 Resp: 3842

Ion Ratio Lower Upper

88 100

43 33.7 25.0 37.6

58 60.4 49.4 74.2



#46

Methyl methacrylate

Concen: 6.677 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

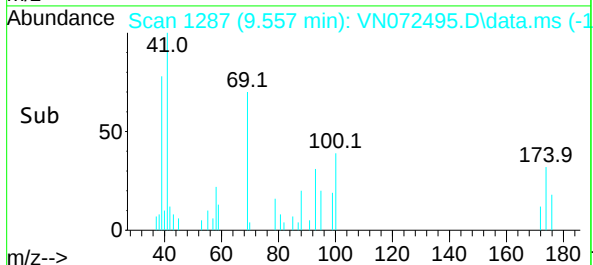
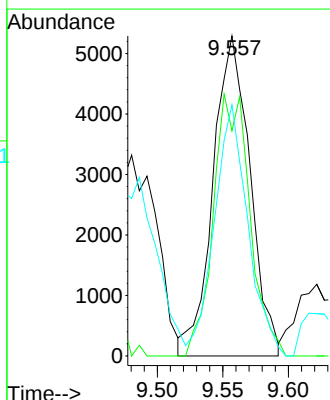
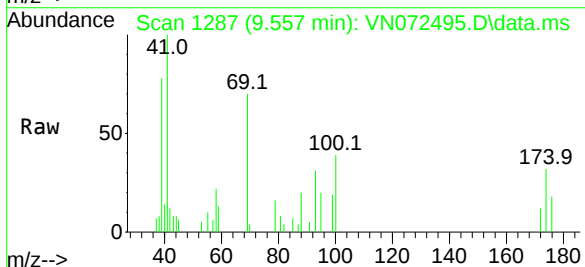
Tgt Ion: 41 Resp: 10386

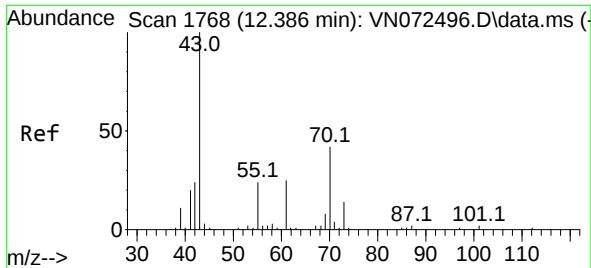
Ion Ratio Lower Upper

41 100

69 73.2 44.4 133.2

39 78.5 39.9 119.6

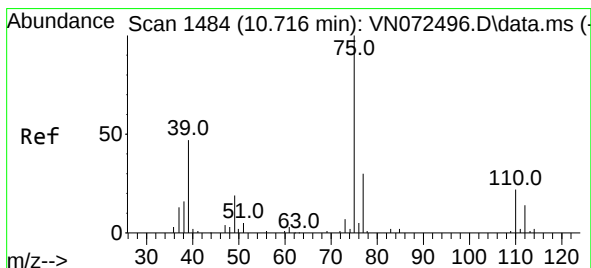
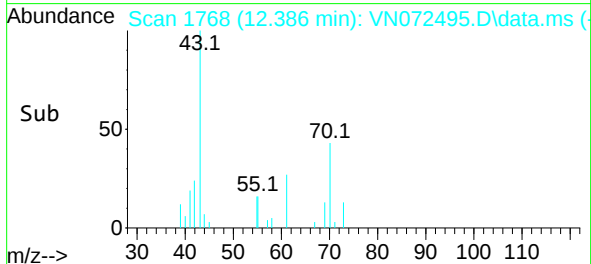
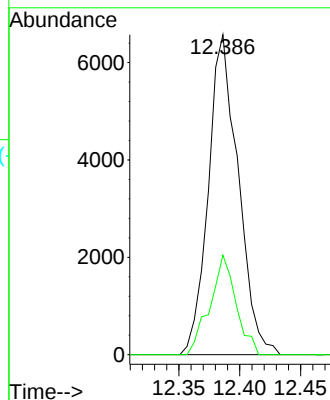
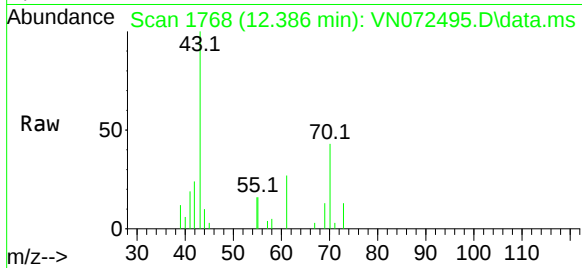




#47
n-amyl acetate
Concen: 4.849 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

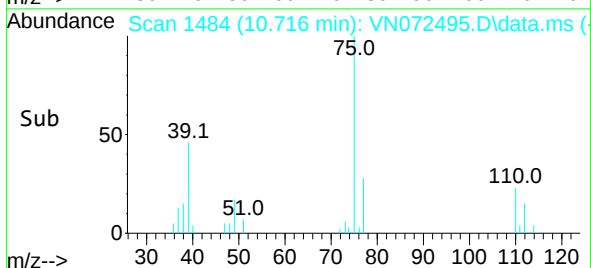
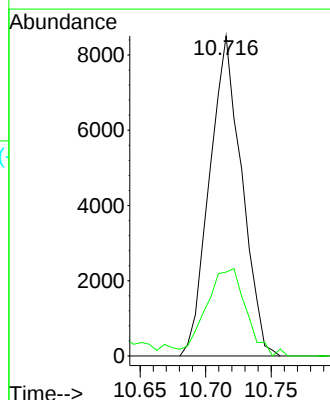
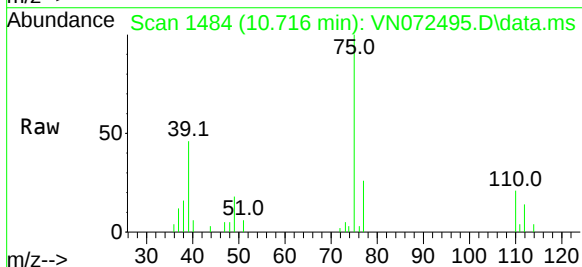
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

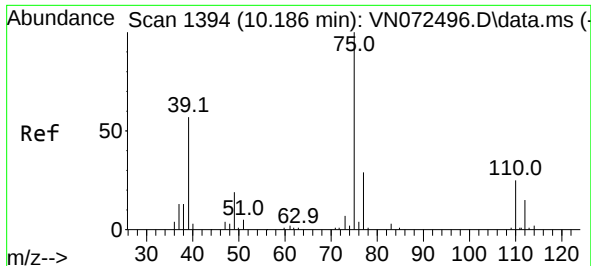
Tgt Ion: 43 Resp: 11216
Ion Ratio Lower Upper
43 100
55 27.2 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 6.228 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 75 Resp: 14535
Ion Ratio Lower Upper
75 100
77 24.1 25.3 37.9#





#49

cis-1,3-Dichloropropene

Concen: 5.955 ug/l

RT: 10.186 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

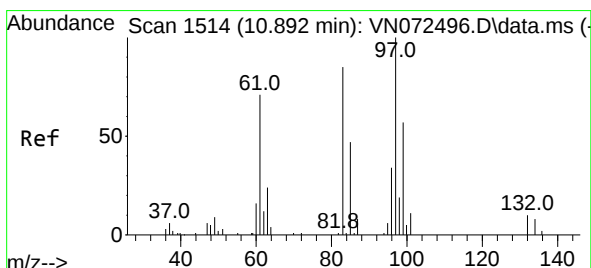
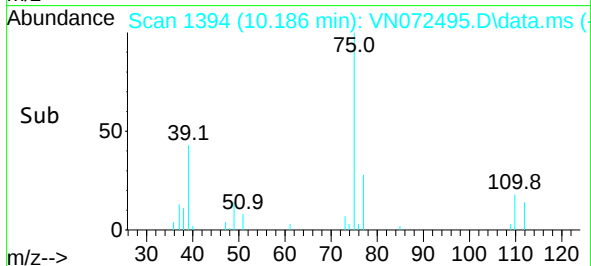
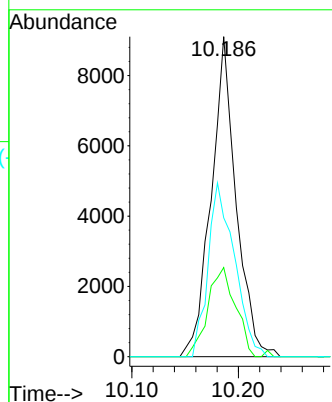
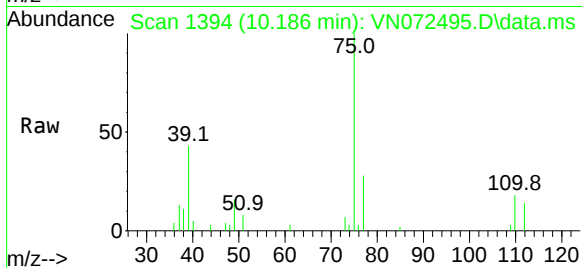
Tgt Ion: 75 Resp: 14855

Ion Ratio Lower Upper

75 100

77 27.8 25.3 37.9

39 43.4 46.2 69.4#



#50

1,1,2-Trichloroethane

Concen: 6.470 ug/l

RT: 10.892 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Tgt Ion: 97 Resp: 10010

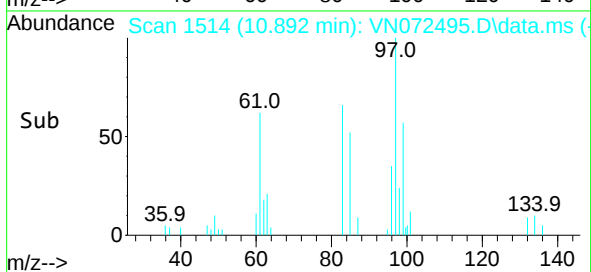
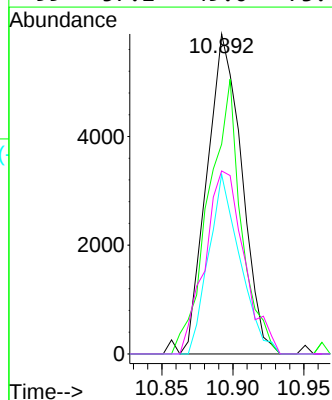
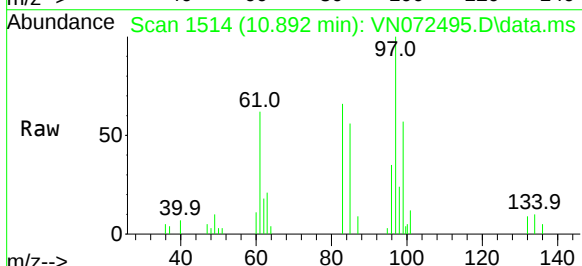
Ion Ratio Lower Upper

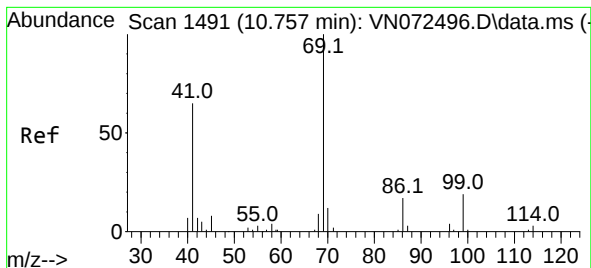
97 100

83 65.6 67.2 100.8#

85 56.1 43.0 64.4

99 57.2 49.0 73.4





#51

Ethyl methacrylate

Concen: 5.406 ug/l

RT: 10.757 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

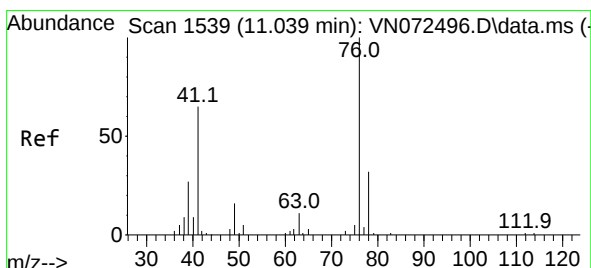
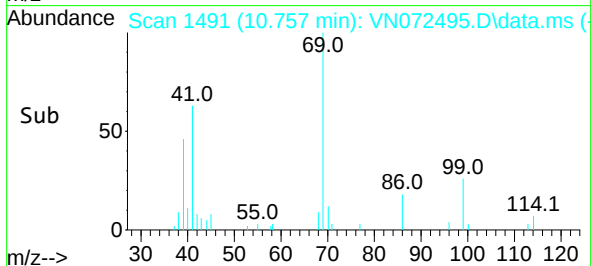
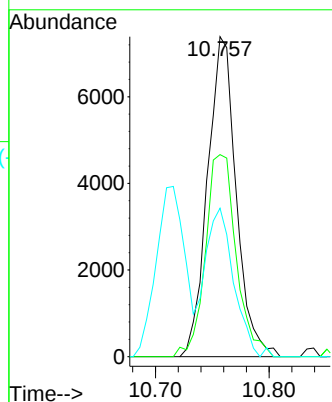
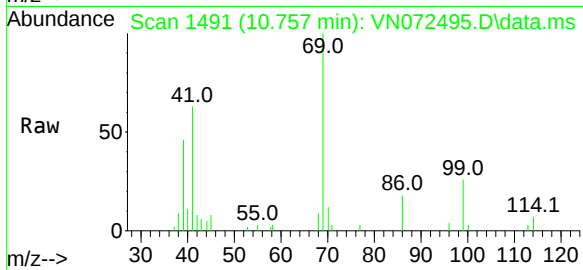
Tgt Ion: 69 Resp: 12958

Ion Ratio Lower Upper

69 100

41 63.2 33.0 98.9

39 46.4 25.4 76.4



#52

1,3-Dichloropropane

Concen: 6.367 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN072495.D

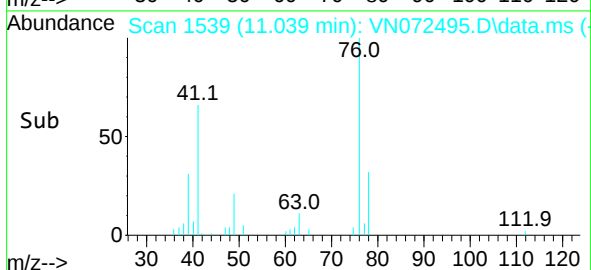
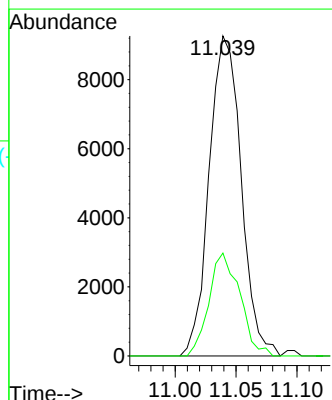
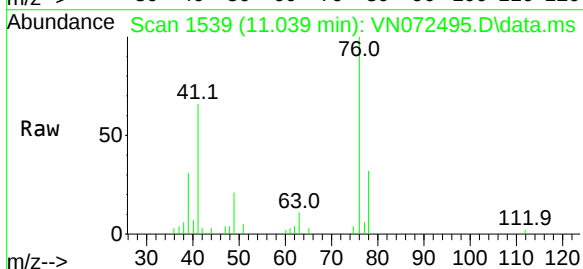
Acq: 16 May 2022 12:16

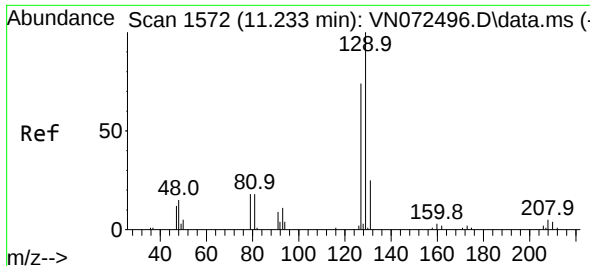
Tgt Ion: 76 Resp: 16945

Ion Ratio Lower Upper

76 100

78 31.1 0.0 65.4

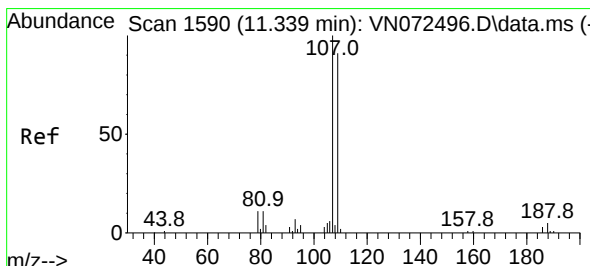
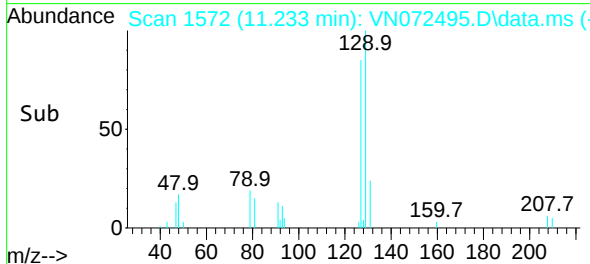
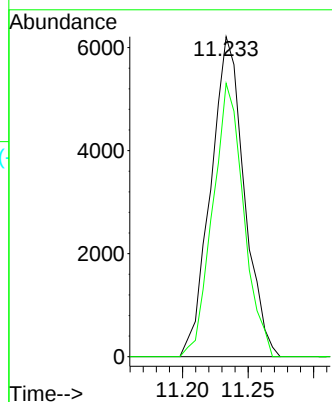
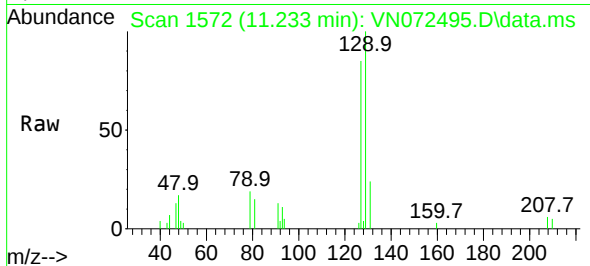




#53
Dibromochloromethane
Concen: 6.436 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

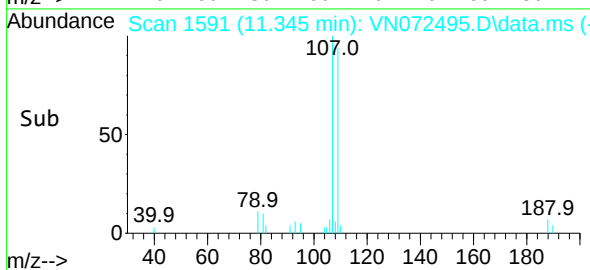
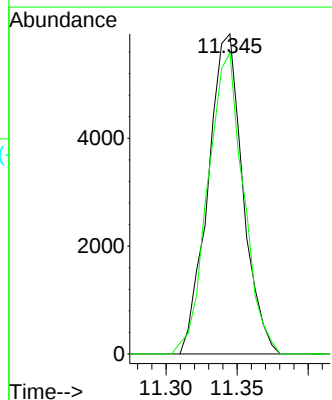
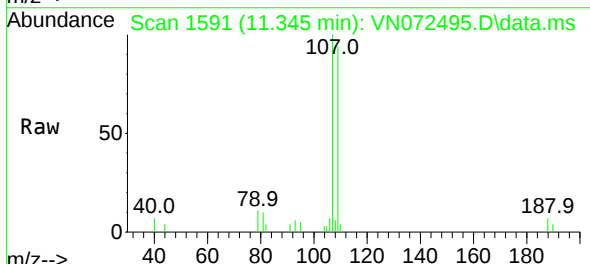
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

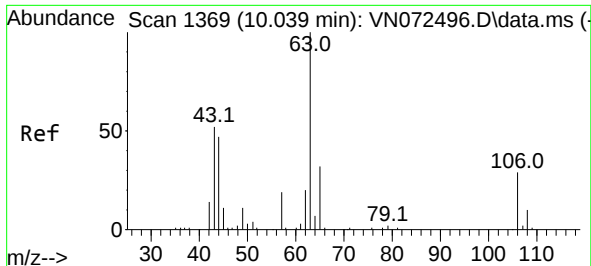
Tgt Ion:129 Resp: 11045
Ion Ratio Lower Upper
129 100
127 78.8 39.0 117.0



#54
1,2-Dibromoethane
Concen: 6.311 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion:107 Resp: 10124
Ion Ratio Lower Upper
107 100
109 96.0 72.8 109.2

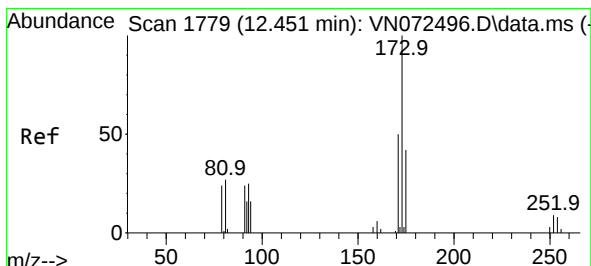
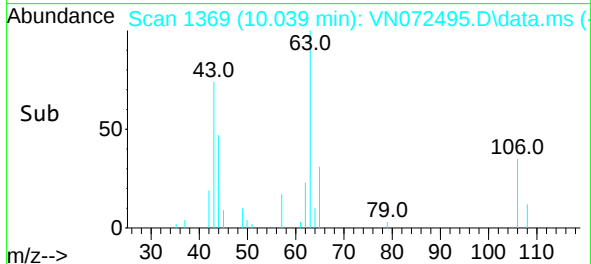
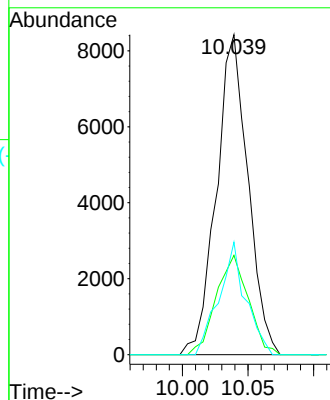
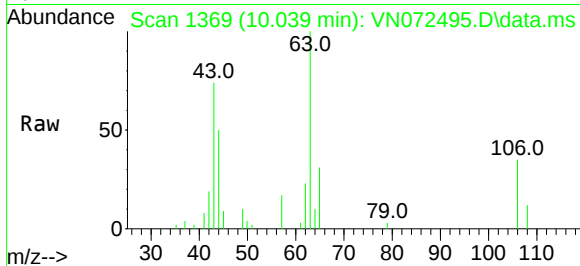




#55
2-Chloroethyl vinyl ether
Concen: 23.210 ug/l
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

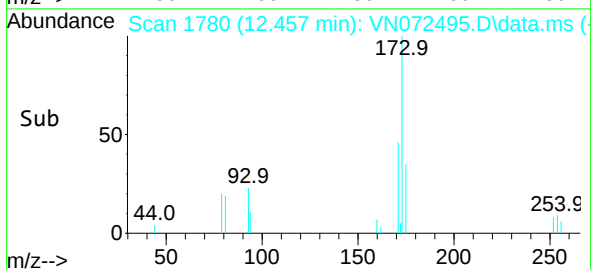
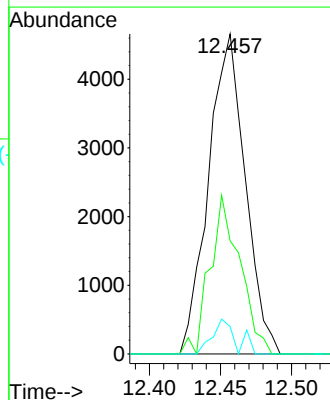
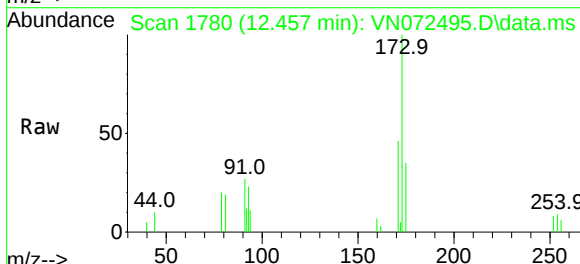
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

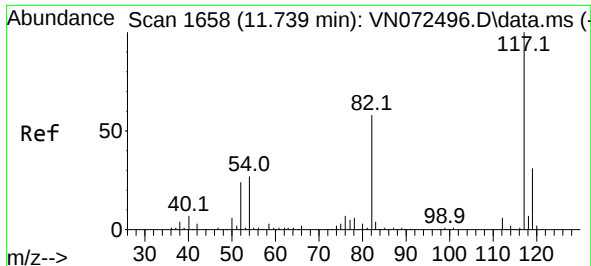
Tgt Ion: 63 Resp: 14068
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 29.8 23.2 34.8



#56
Bromoform
Concen: 6.524 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion:173 Resp: 8373
Ion Ratio Lower Upper
173 100
175 39.7 38.6 58.0
254 5.6 0.0 0.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

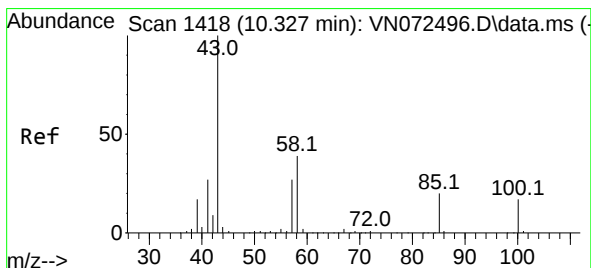
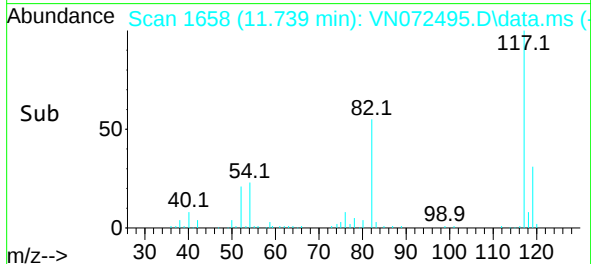
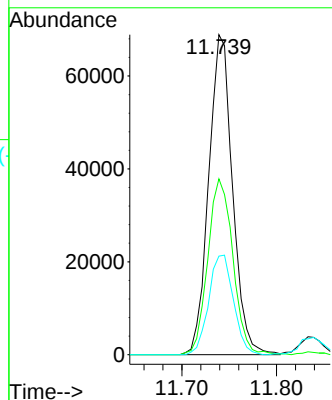
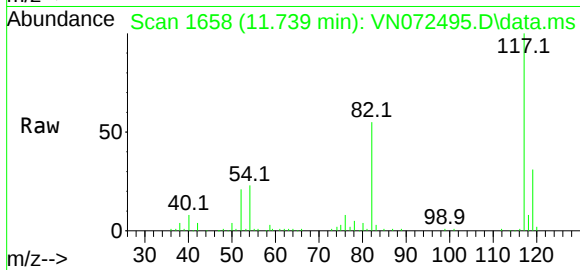
Tgt Ion:117 Resp: 120315

Ion Ratio Lower Upper

117 100

82 57.9 43.6 65.4

119 32.3 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 30.024 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

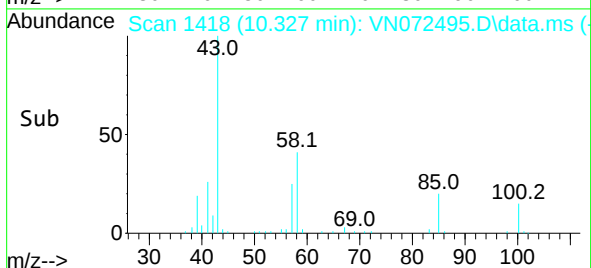
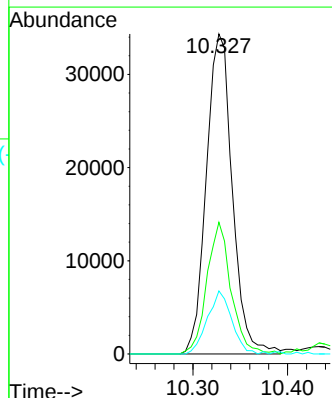
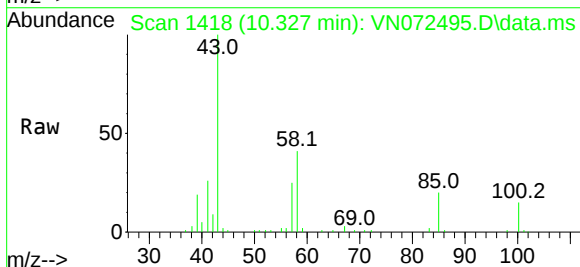
Tgt Ion: 43 Resp: 65473

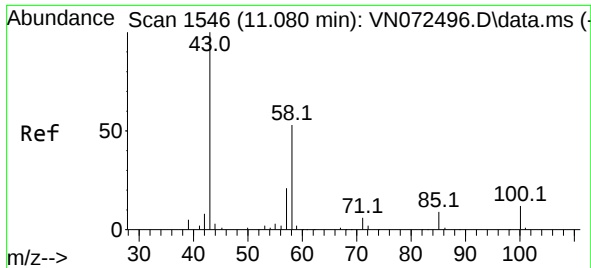
Ion Ratio Lower Upper

43 100

58 38.2 30.0 45.0

85 18.3 15.0 22.6

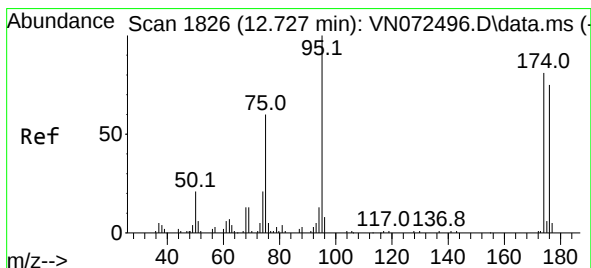
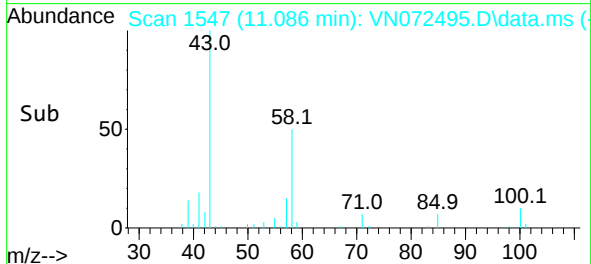
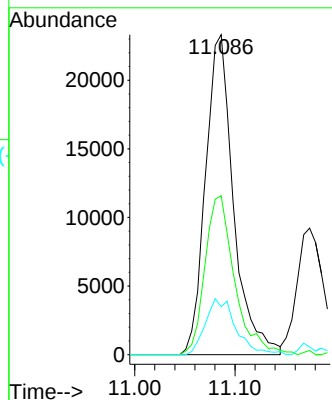
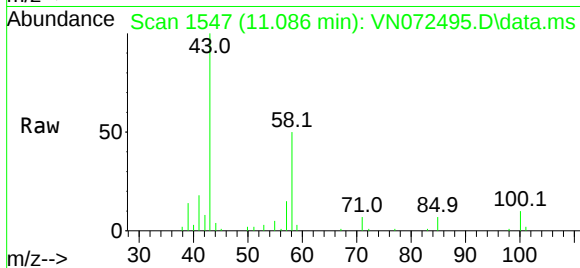




#59
2-Hexanone
Concen: 28.327 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

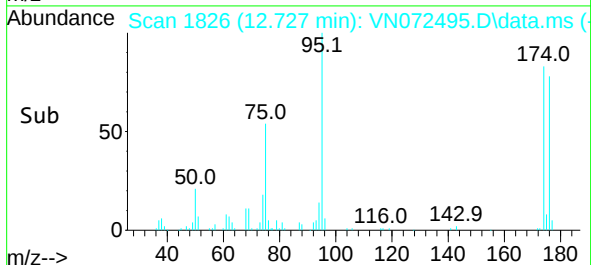
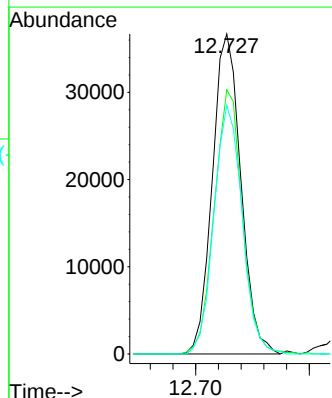
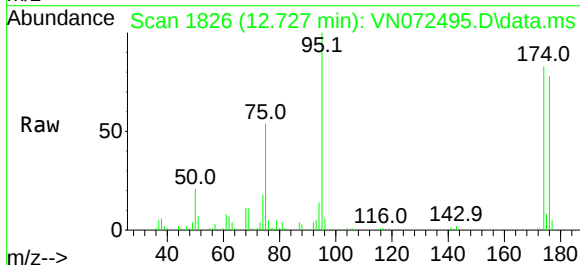
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

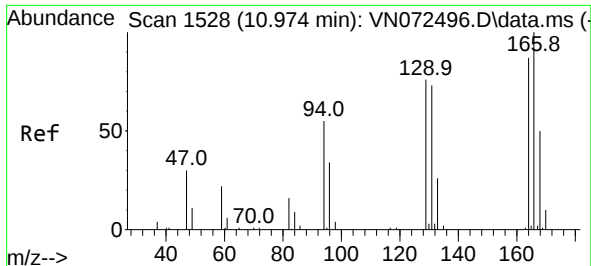
Tgt Ion: 43 Resp: 45253
Ion Ratio Lower Upper
43 100
58 52.6 42.2 63.2
57 18.9 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 32.136 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

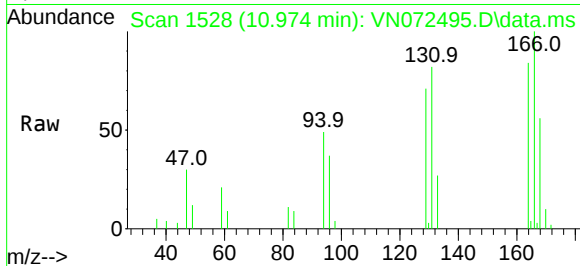
Tgt Ion: 95 Resp: 63905
Ion Ratio Lower Upper
95 100
174 81.1 62.9 94.3
176 76.9 61.0 91.4



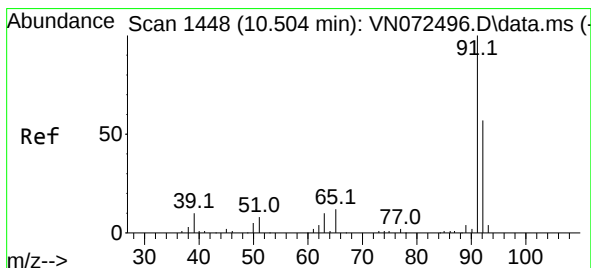
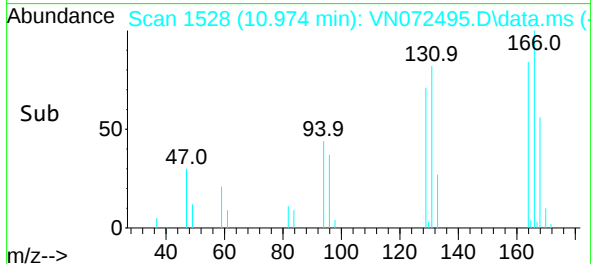
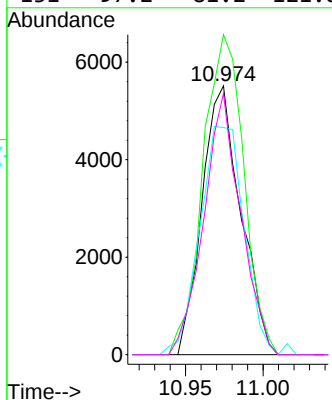


#61
Tetrachloroethene
Concen: 6.829 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

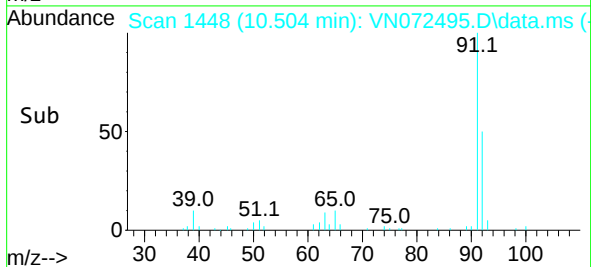
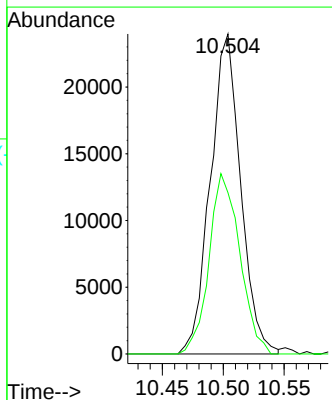
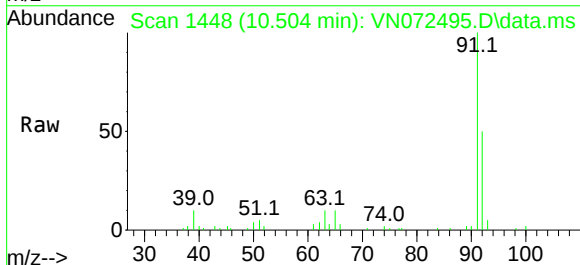


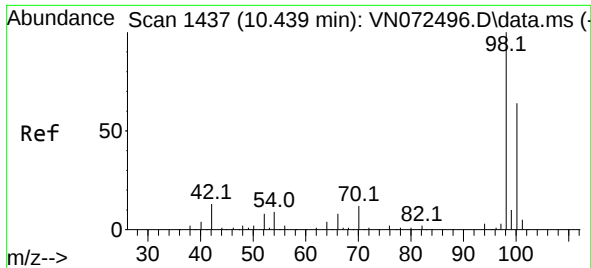
Tgt Ion:164 Resp: 9586
Ion Ratio Lower Upper
164 100
166 119.0 105.8 158.8
129 84.5 82.5 123.7
131 97.2 81.2 121.8



#62
Toluene
Concen: 6.220 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 91 Resp: 41569
Ion Ratio Lower Upper
91 100
92 57.1 44.6 67.0

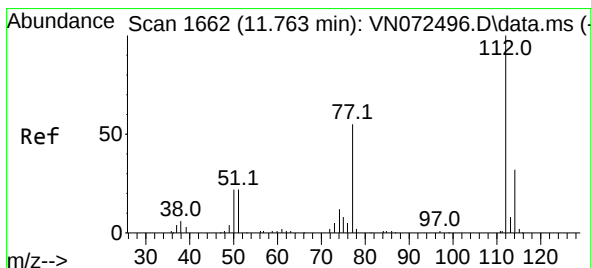
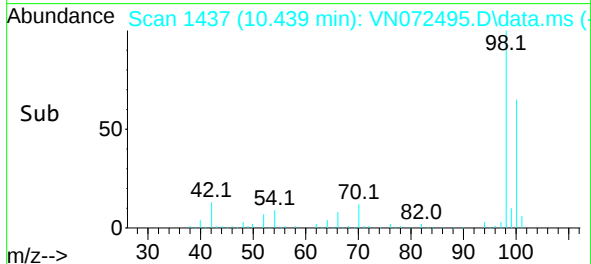
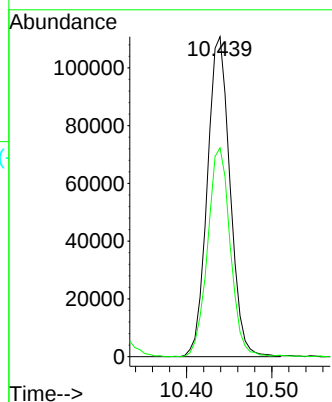
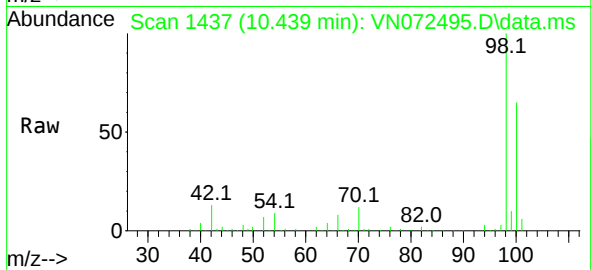




#63
Toluene-d8
Concen: 34.721 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

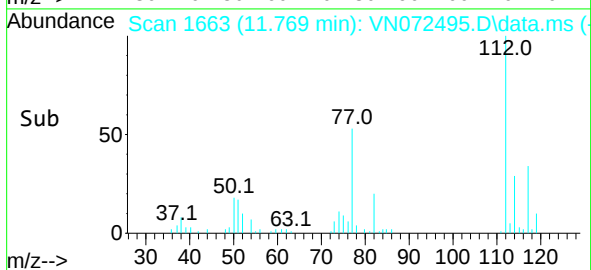
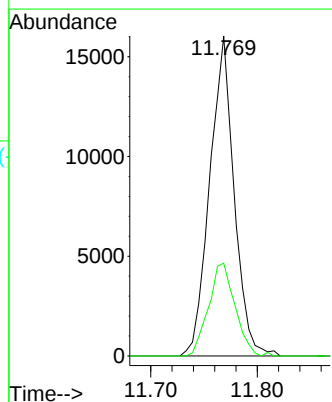
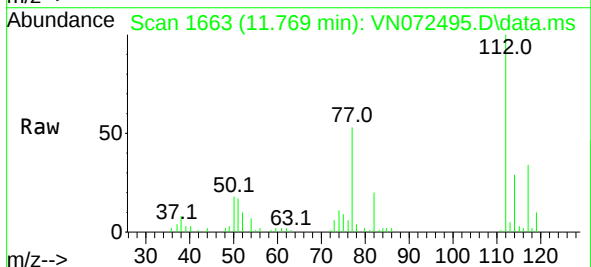
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

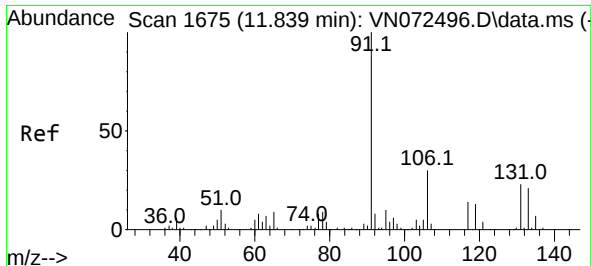
Tgt Ion: 98 Resp: 205099
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0



#64
Chlorobenzene
Concen: 6.188 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 112 Resp: 25542
Ion Ratio Lower Upper
112 100
114 29.0 25.8 38.6

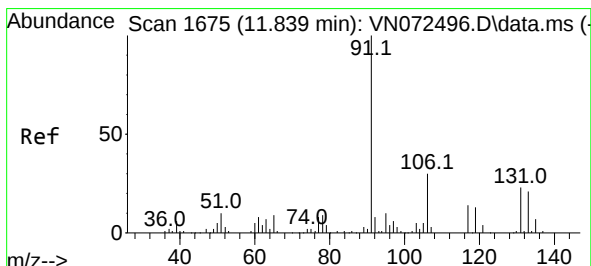
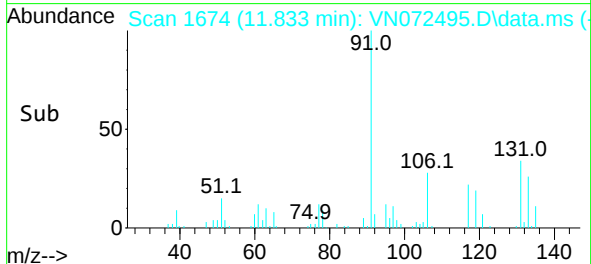
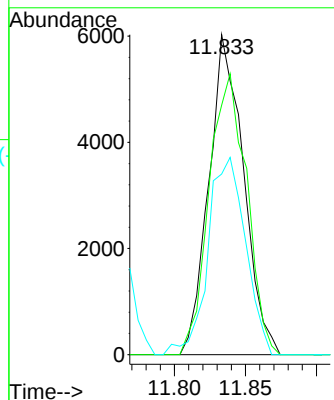
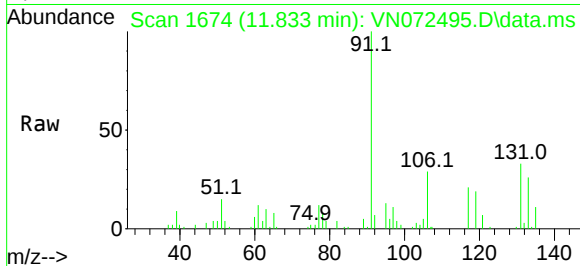




#65
 1,1,1,2-Tetrachloroethane
 Concen: 6.378 ug/l
 RT: 11.833 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

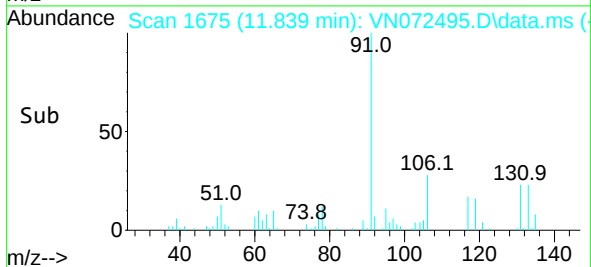
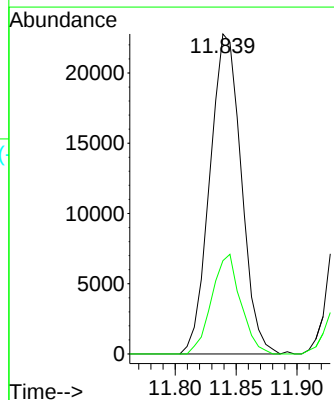
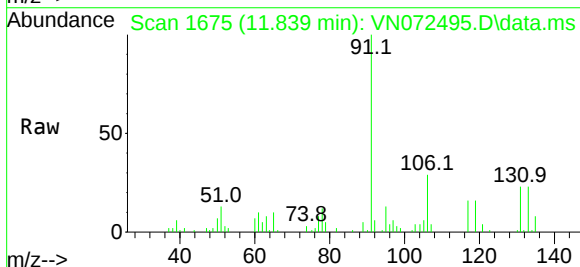
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

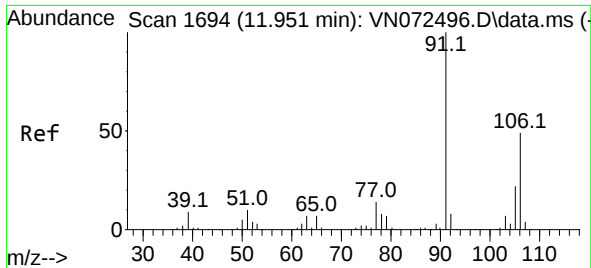
Tgt Ion:131 Resp: 10224
 Ion Ratio Lower Upper
 131 100
 133 94.8 0.0 191.2
 119 65.5 0.0 128.8



#66
 Ethyl Benzene
 Concen: 5.557 ug/l
 RT: 11.839 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

Tgt Ion: 91 Resp: 40919
 Ion Ratio Lower Upper
 91 100
 106 29.1 24.0 36.0

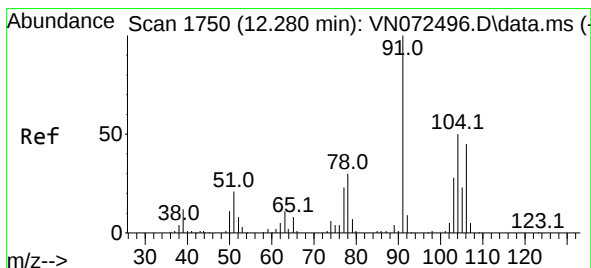
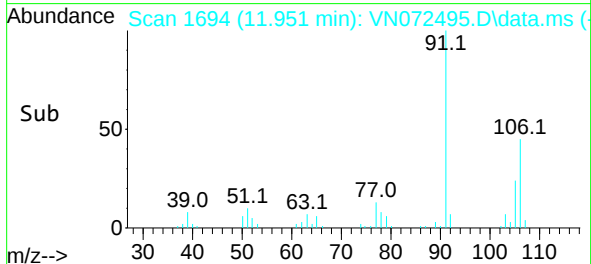
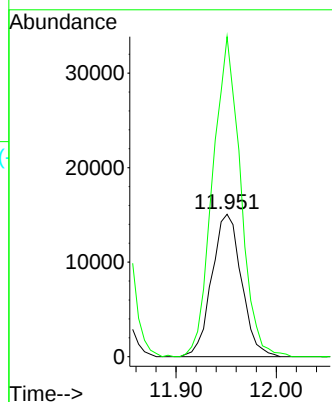
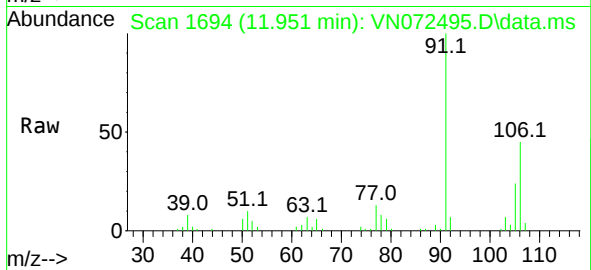




#67
m/p-Xylenes
Concen: 10.929 ug/l
RT: 11.951 min Scan# 11749
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

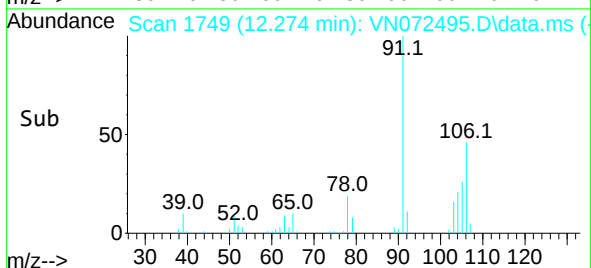
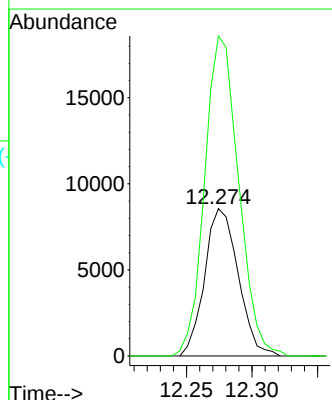
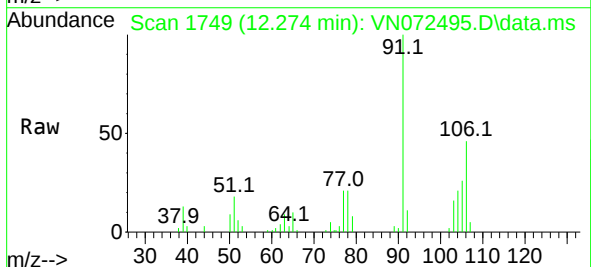
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

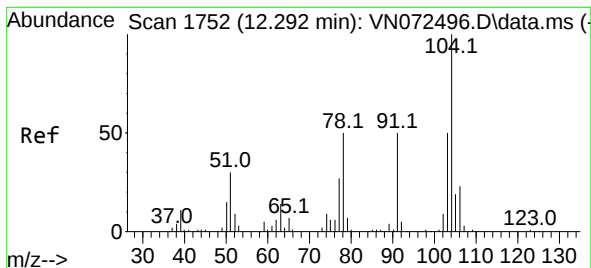
Tgt Ion:106 Resp: 30909
Ion Ratio Lower Upper
106 100
91 210.7 162.9 244.3



#68
o-Xylene
Concen: 5.405 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion:106 Resp: 15241
Ion Ratio Lower Upper
106 100
91 219.3 107.7 323.1





#69

Styrene

Concen: 5.068 ug/l

RT: 12.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

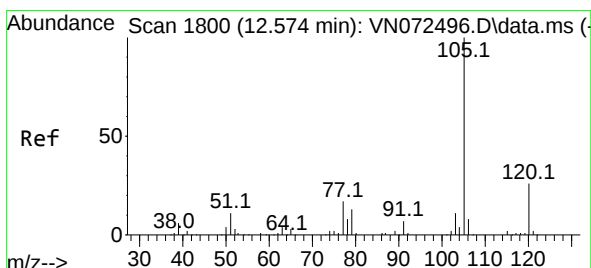
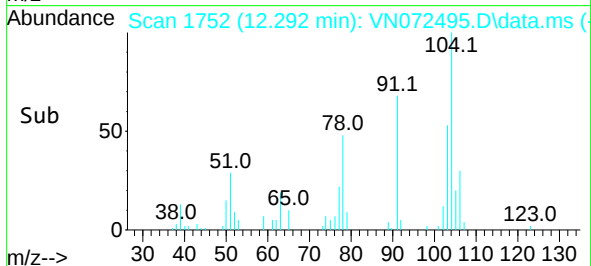
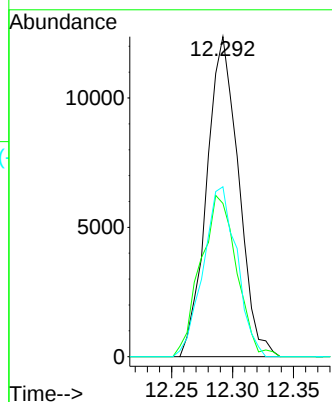
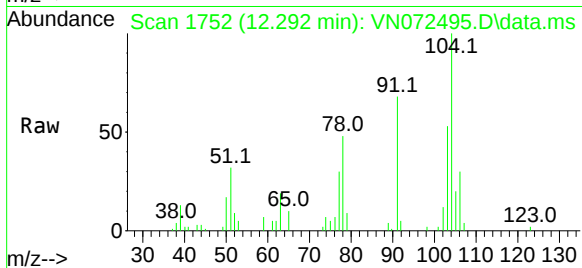
Tgt Ion:104 Resp: 22497

Ion Ratio Lower Upper

104 100

78 56.4 40.7 61.1

103 55.9 45.8 68.8



#70

Isopropylbenzene

Concen: 5.305 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VN072495.D

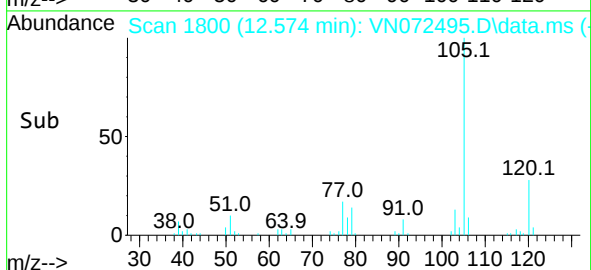
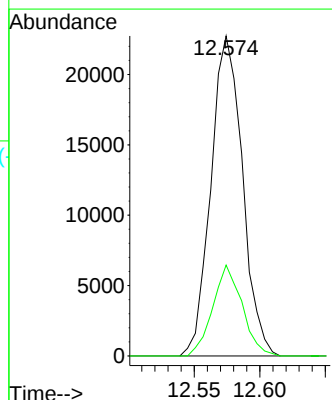
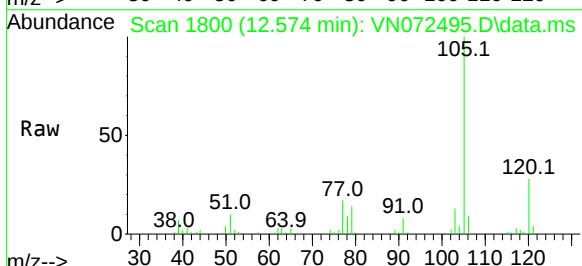
Acq: 16 May 2022 12:16

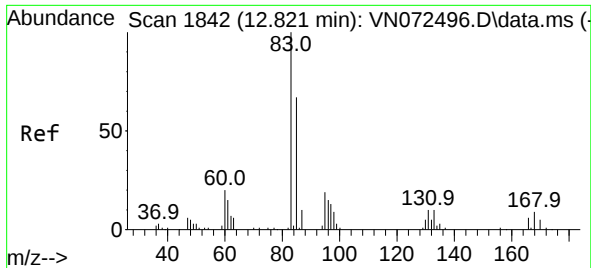
Tgt Ion:105 Resp: 38045

Ion Ratio Lower Upper

105 100

120 26.5 18.3 34.1

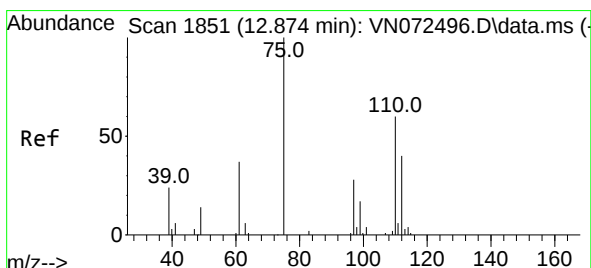
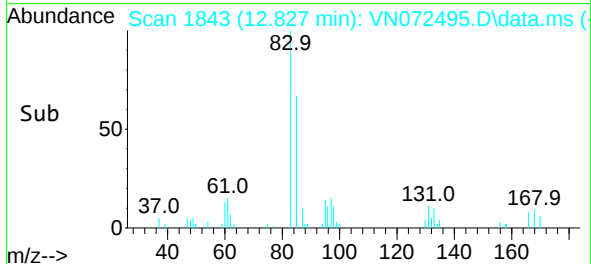
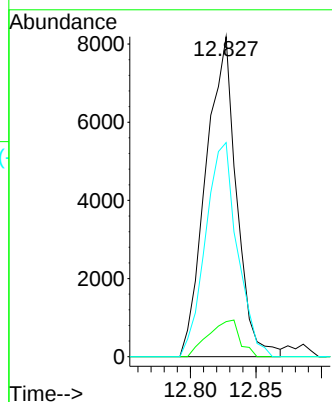
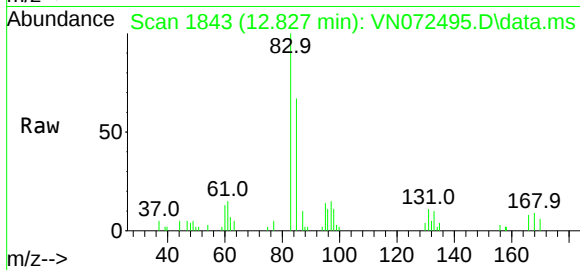




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.787 ug/l
 RT: 12.827 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

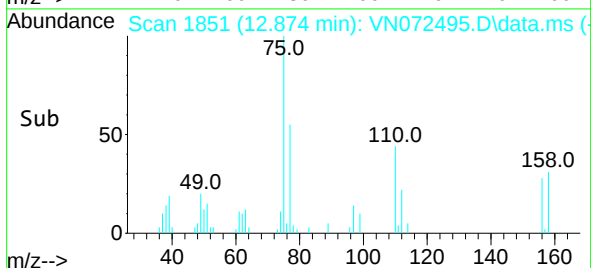
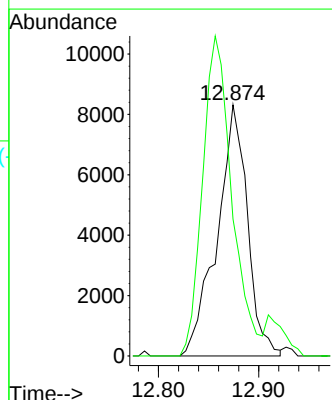
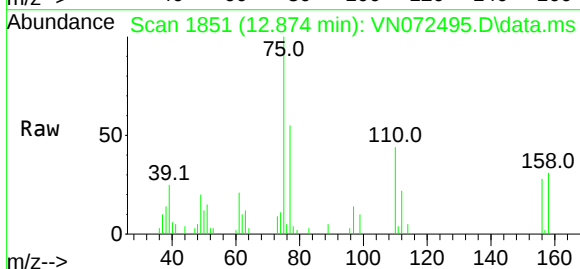
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

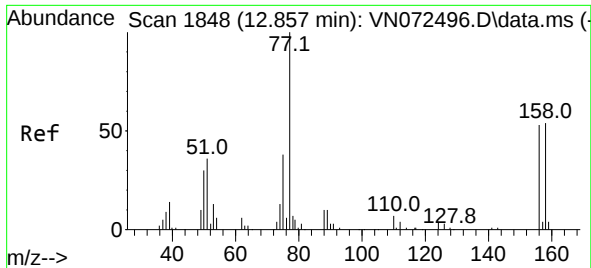
Tgt Ion: 83 Resp: 13298
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.1 15.3
 85 69.3 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 8.603 ug/l
 RT: 12.874 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

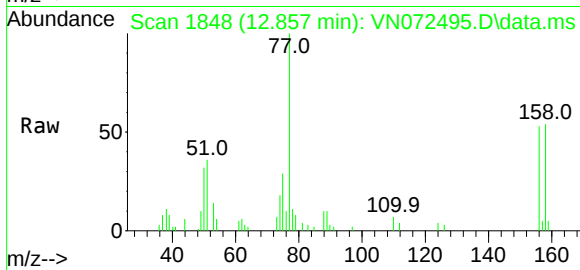
Tgt Ion: 75 Resp: 17521
 Ion Ratio Lower Upper
 75 100
 77 122.9 0.0 378.0



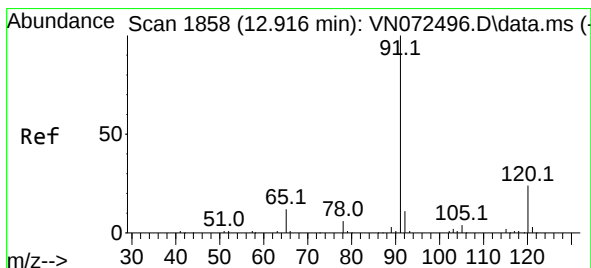
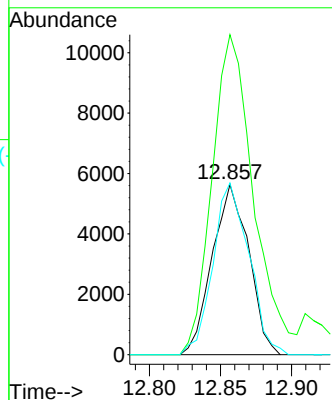
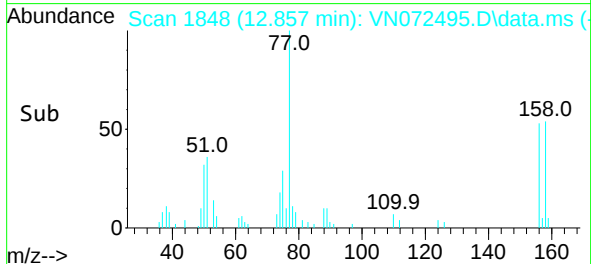


#73
Bromobenzene
Concen: 5.778 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

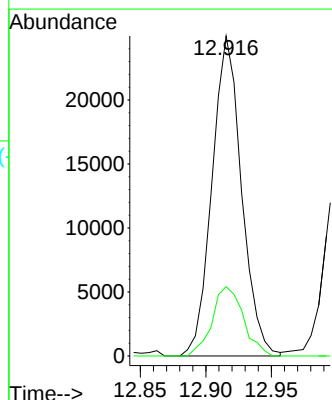
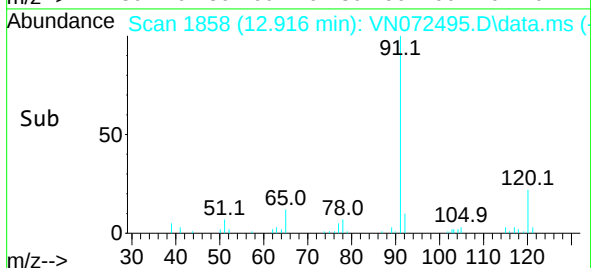
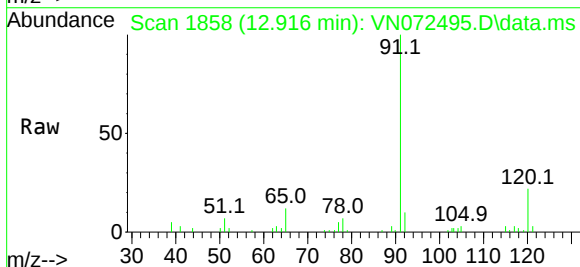


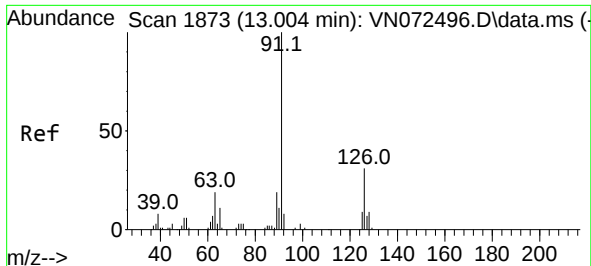
Tgt Ion:156 Resp: 10090
Ion Ratio Lower Upper
156 100
77 213.4 0.0 416.0
158 99.4 0.0 195.4



#74
n-propylbenzene
Concen: 5.039 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 91 Resp: 39128
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.0

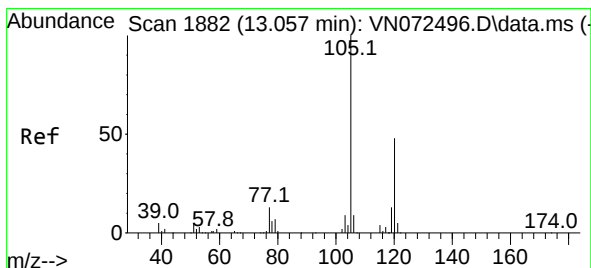
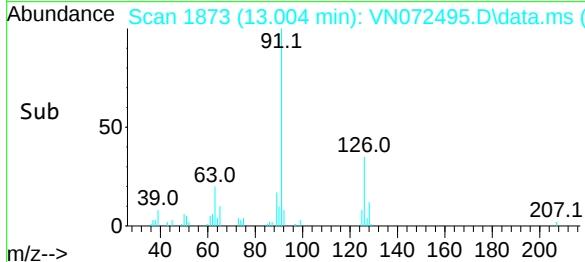
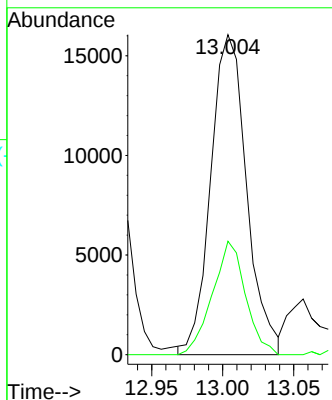
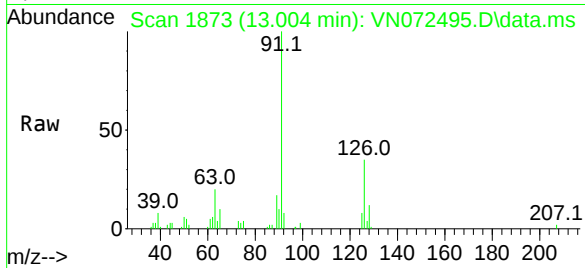




#75
2-Chlorotoluene
Concen: 5.657 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

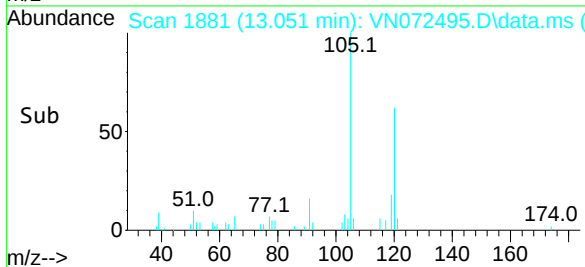
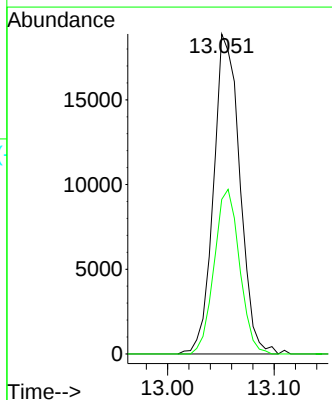
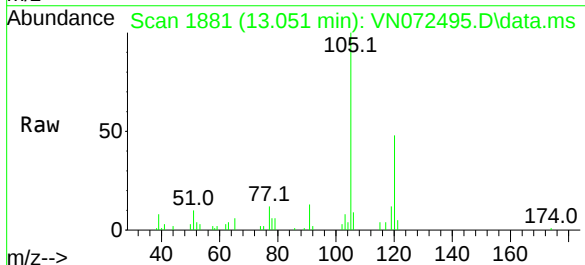
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

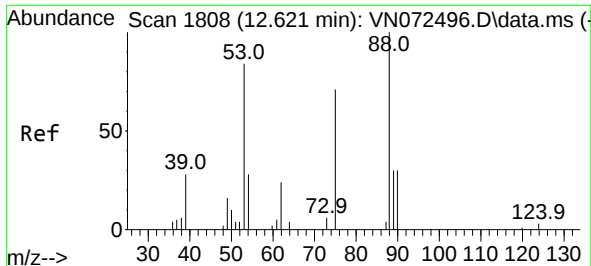
Tgt Ion: 91 Resp: 28236
Ion Ratio Lower Upper
91 100
126 32.7 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 5.500 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 105 Resp: 32249
Ion Ratio Lower Upper
105 100
120 49.8 0.0 93.8

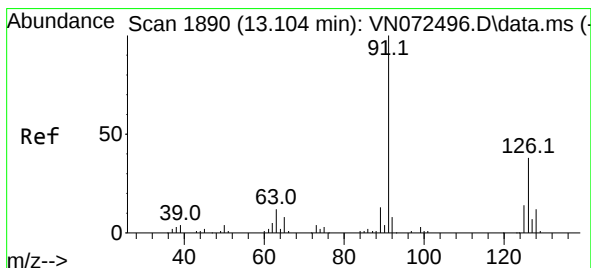
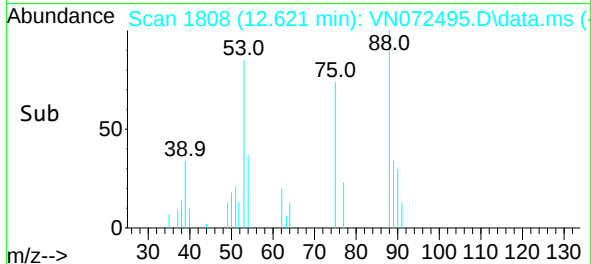
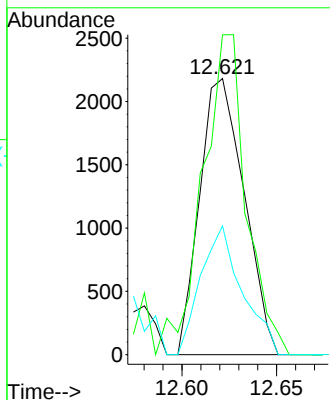
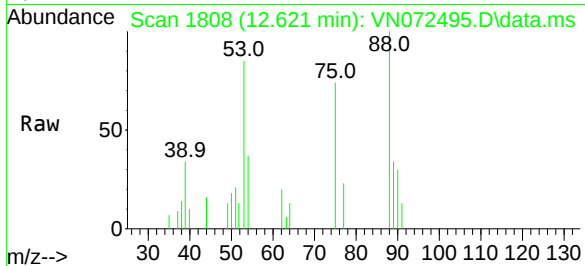




#77
t-1,4-Dichloro-2-butene
Concen: 5.253 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

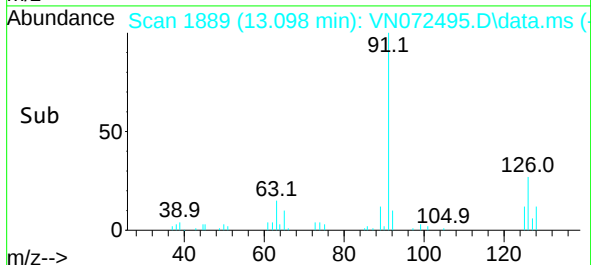
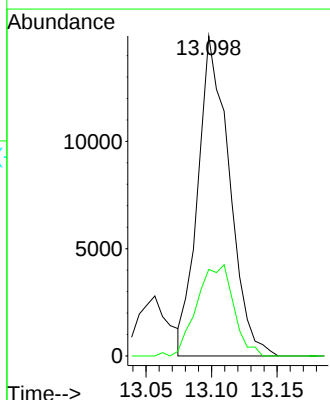
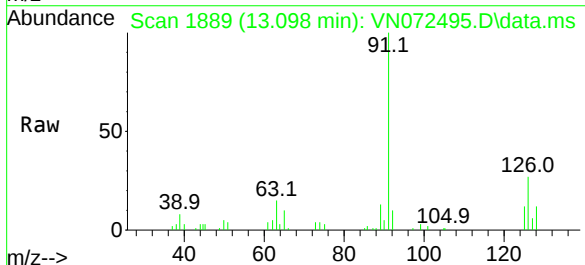
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

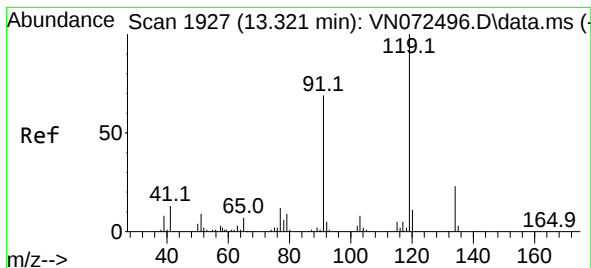
Tgt Ion: 75 Resp: 3567
Ion Ratio Lower Upper
75 100
53 107.9 51.8 155.5
89 46.6 22.9 68.7



#78
4-Chlorotoluene
Concen: 5.381 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 91 Resp: 24851
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





#79

tert-butylbenzene

Concen: 5.447 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

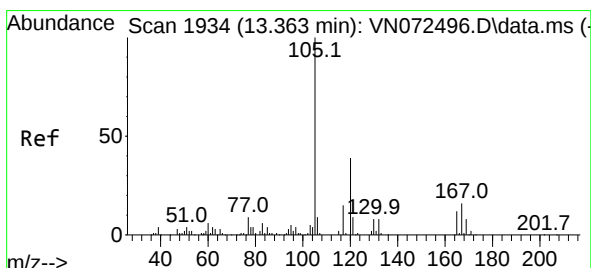
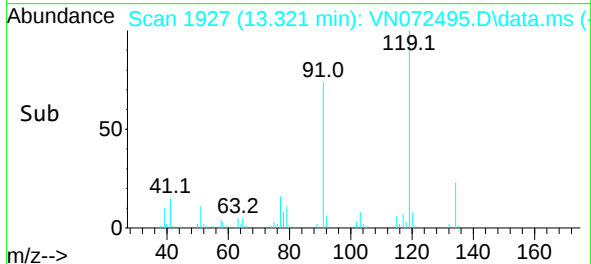
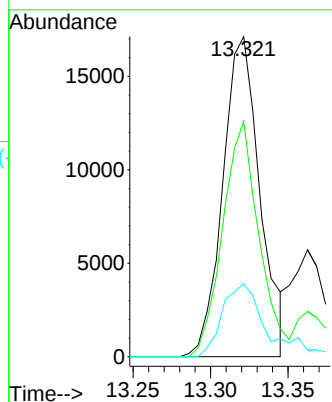
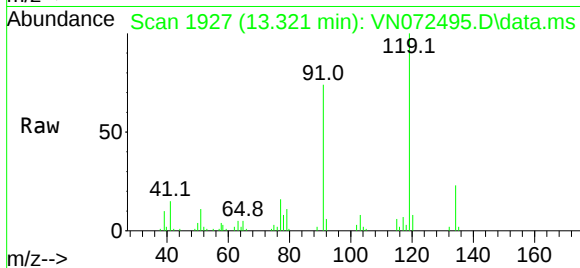
Tgt Ion:119 Resp: 28549

Ion Ratio Lower Upper

119 100

91 71.8 0.0 137.0

134 22.4 0.0 47.6



#80

1,2,4-Trimethylbenzene

Concen: 5.259 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072495.D

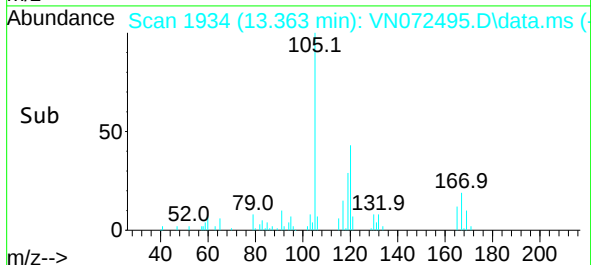
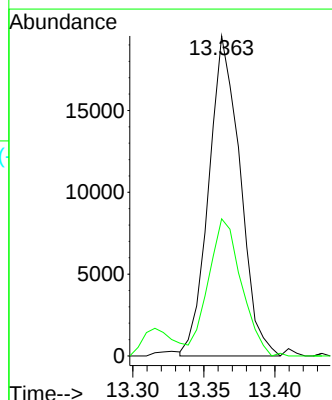
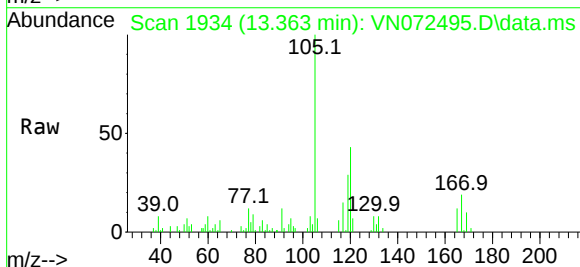
Acq: 16 May 2022 12:16

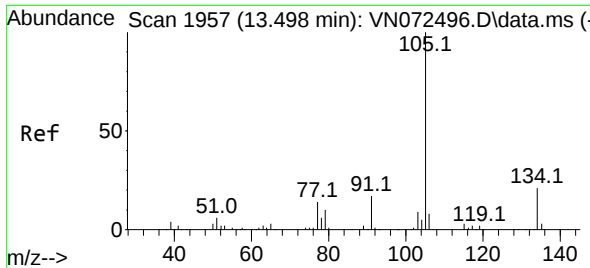
Tgt Ion:105 Resp: 30005

Ion Ratio Lower Upper

105 100

120 44.8 0.0 0.2#

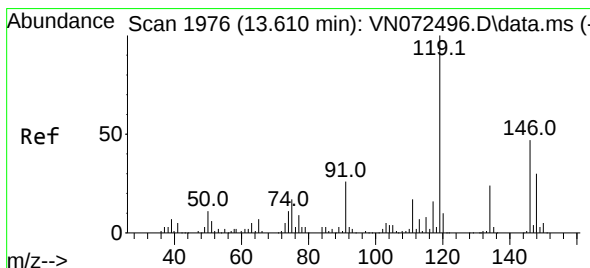
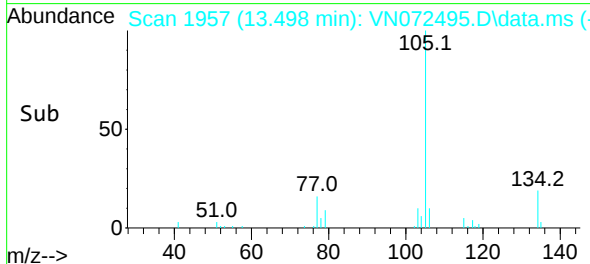
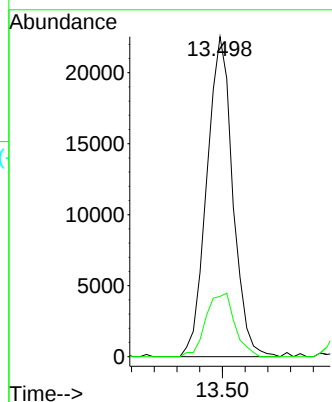
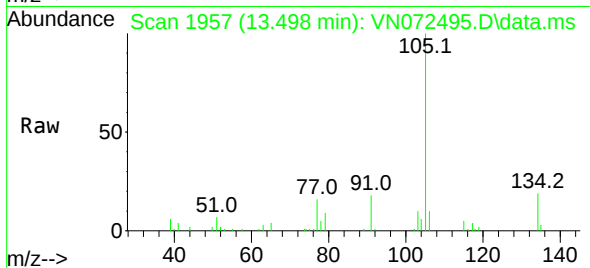




#81
 sec-Butylbenzene
 Concen: 5.129 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

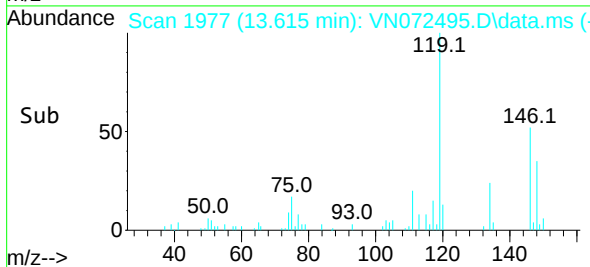
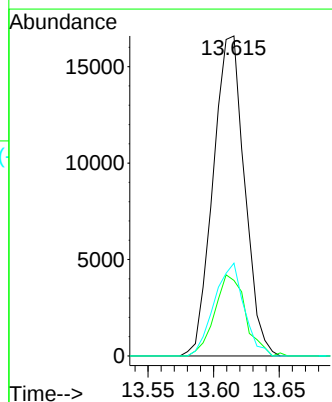
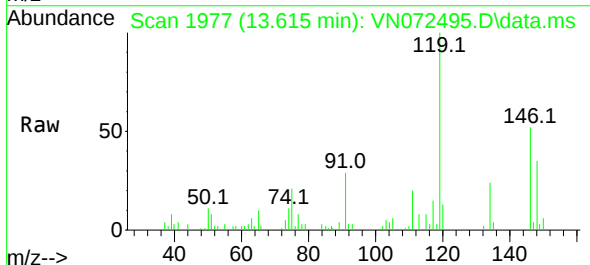
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

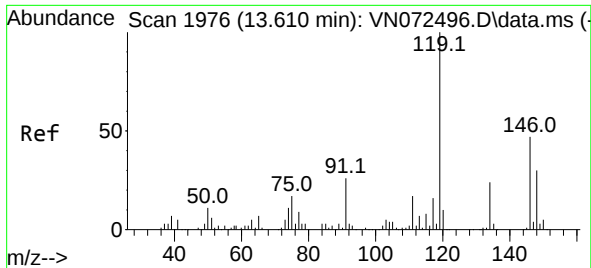
Tgt Ion:105 Resp: 35817
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 4.836 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

Tgt Ion:119 Resp: 27641
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 51.8
 91 27.5 0.0 50.4

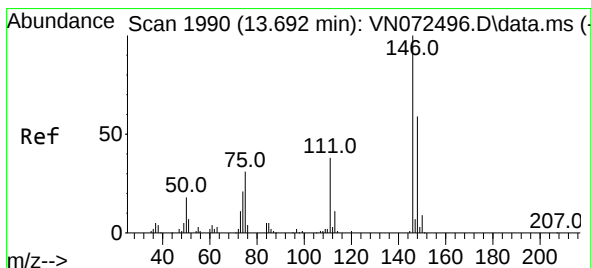
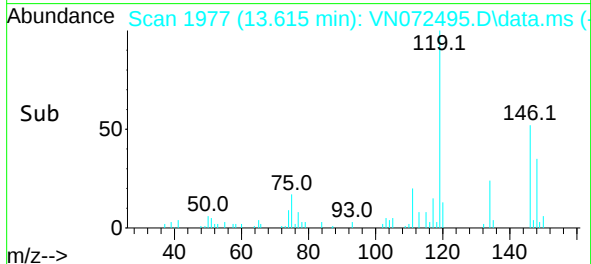
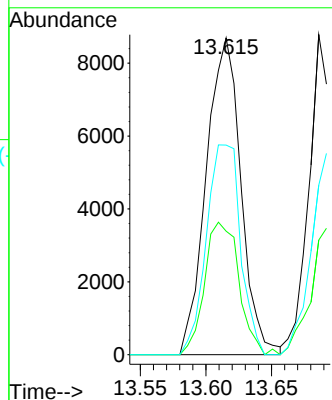
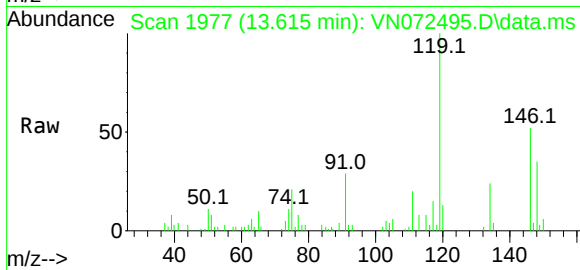




#83
1,3-Dichlorobenzene
Concen: 5.563 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

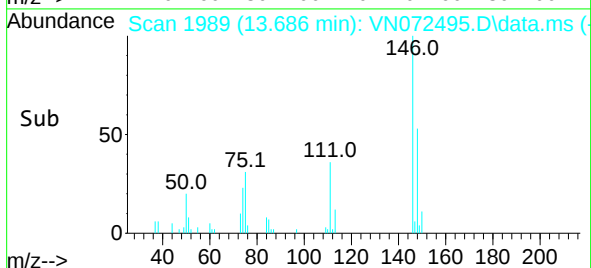
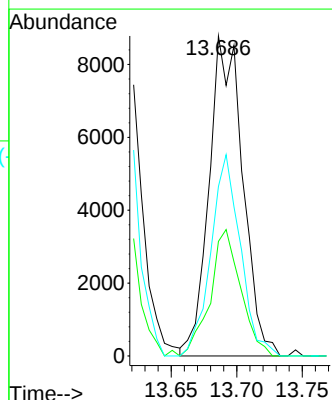
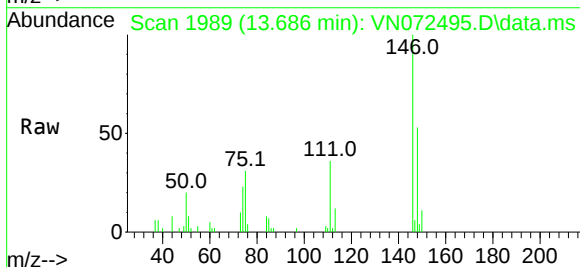
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

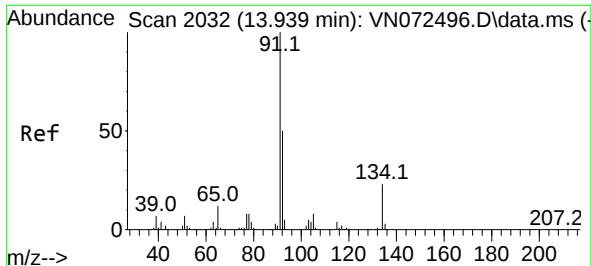
Tgt Ion:146 Resp: 15998
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.2
148 65.1 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 5.657 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion:146 Resp: 15629
Ion Ratio Lower Upper
146 100
111 35.9 19.5 58.5
148 55.5 31.1 93.5

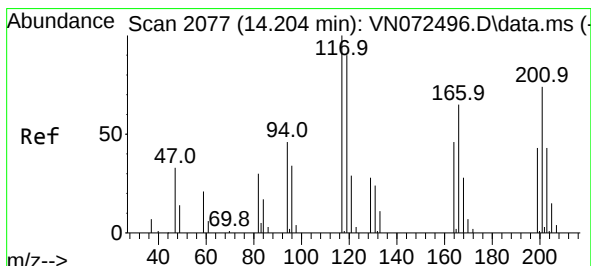
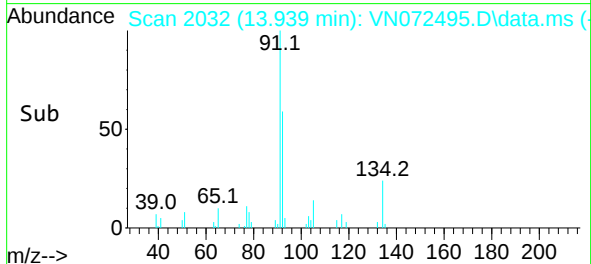
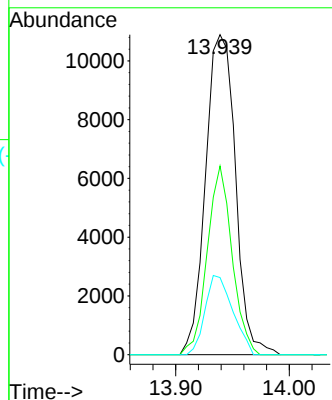
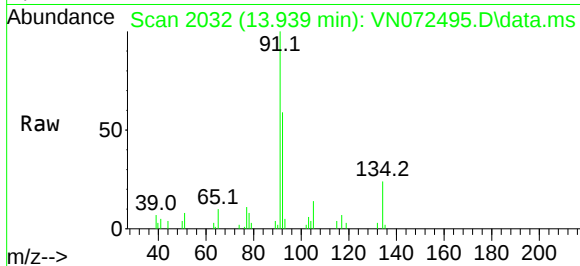




#85
n-Butylbenzene
Concen: 4.786 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

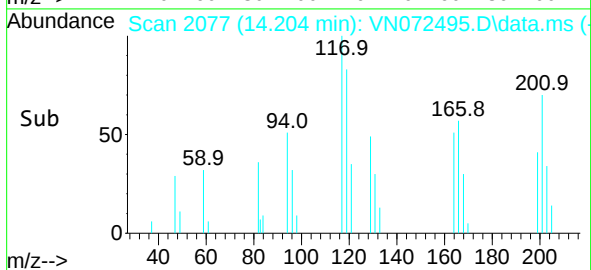
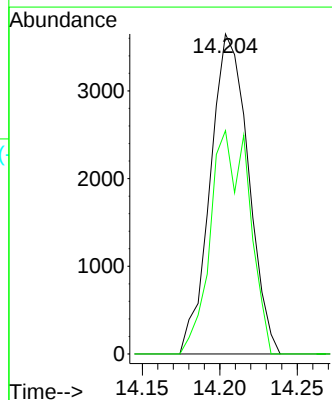
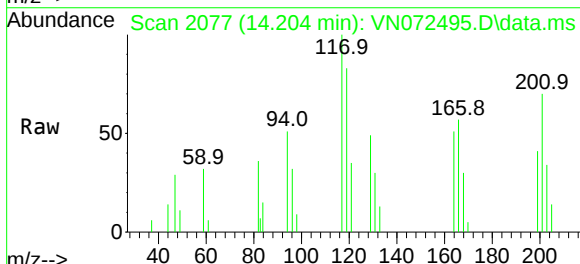
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

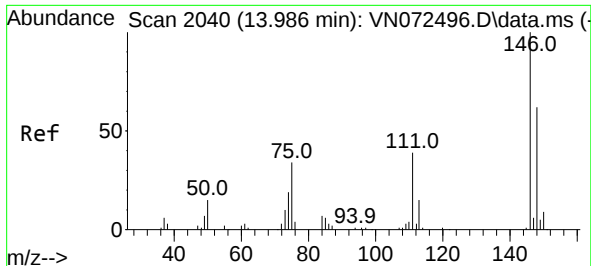
Tgt Ion: 91	Resp: 19945
Ion Ratio	Lower Upper
91 100	
92 49.0	0.0 100.6
134 22.9	0.0 50.2



#86
Hexachloroethane
Concen: 5.964 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072495.D
Acq: 16 May 2022 12:16

Tgt Ion: 117	Resp: 6238
Ion Ratio	Lower Upper
117 100	
201 46.4	33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 5.601 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

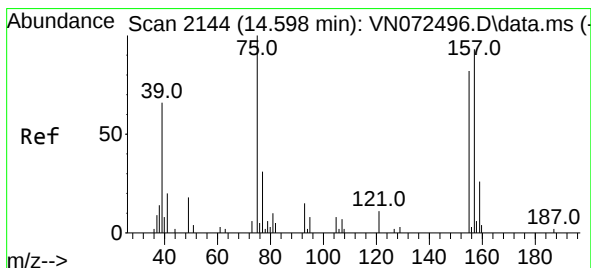
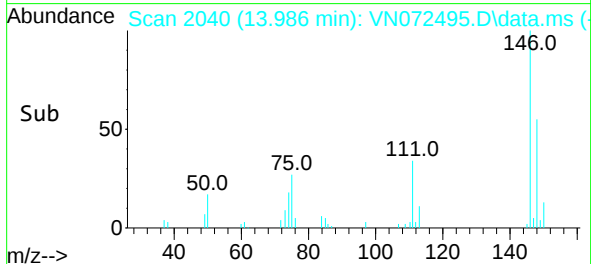
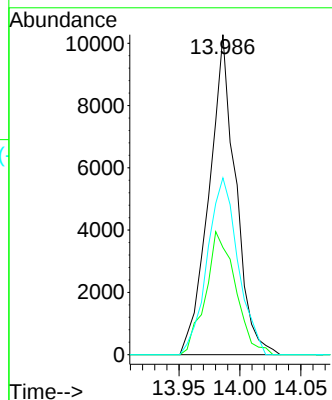
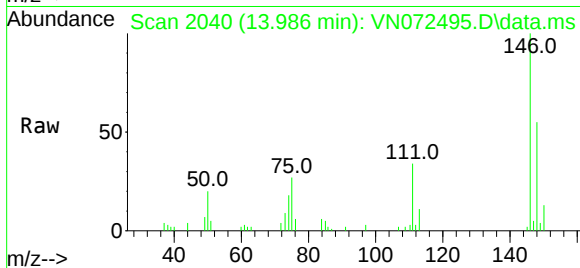
Tgt Ion:146 Resp: 15645

Ion Ratio Lower Upper

146 100

111 43.1 21.4 64.2

148 63.8 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.747 ug/l

RT: 14.604 min Scan# 2145

Delta R.T. 0.006 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

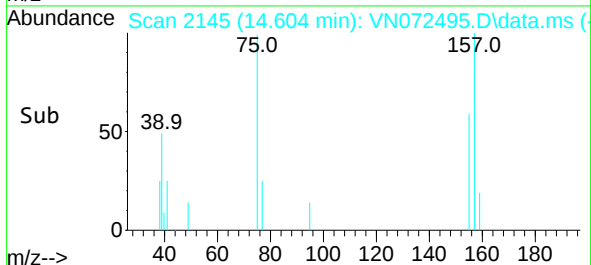
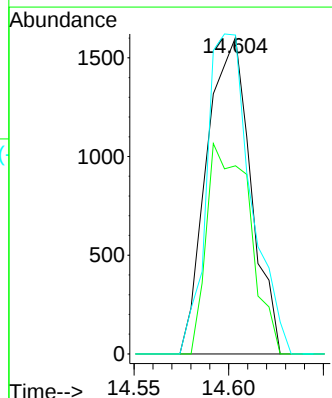
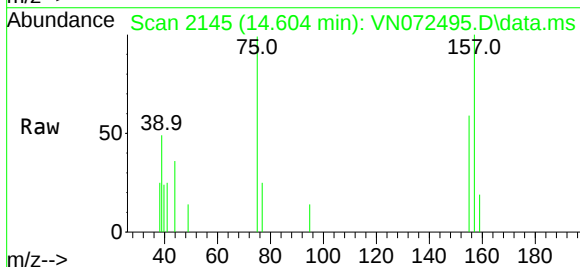
Tgt Ion: 75 Resp: 2587

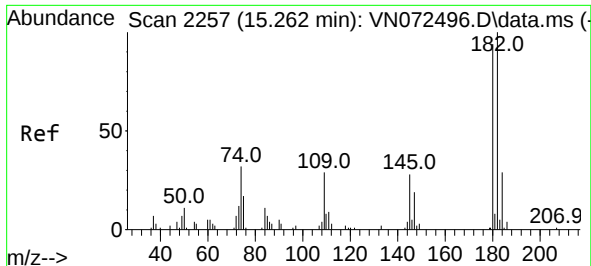
Ion Ratio Lower Upper

75 100

155 32.2 63.8 95.8#

157 102.0 77.9 116.9

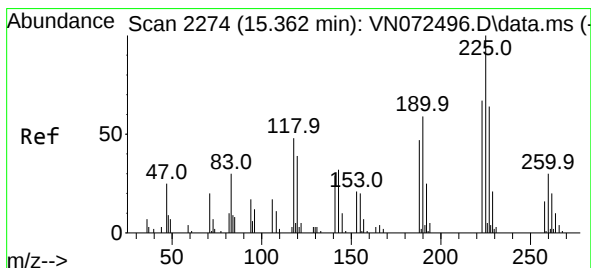
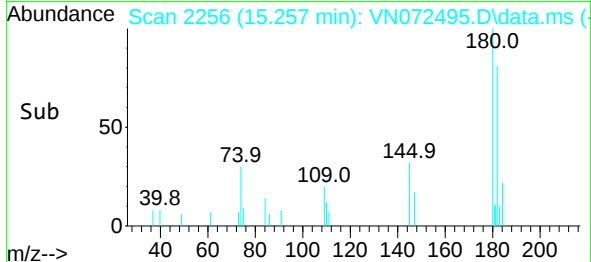
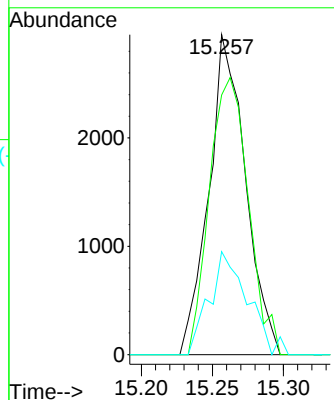
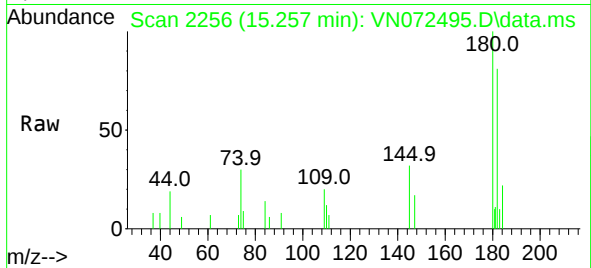




#89
 1,2,4-Trichlorobenzene
 Concen: 4.237 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

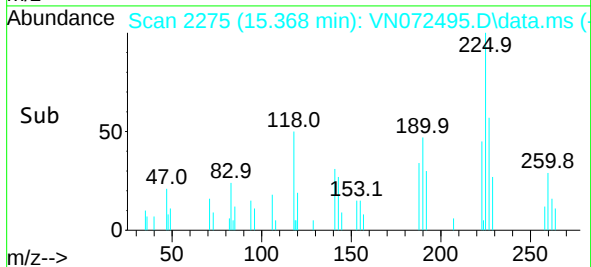
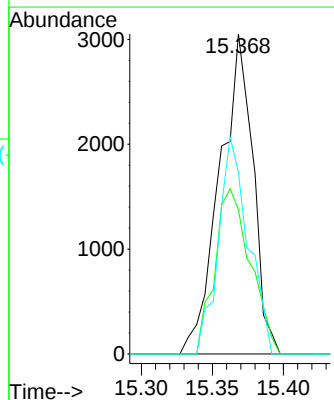
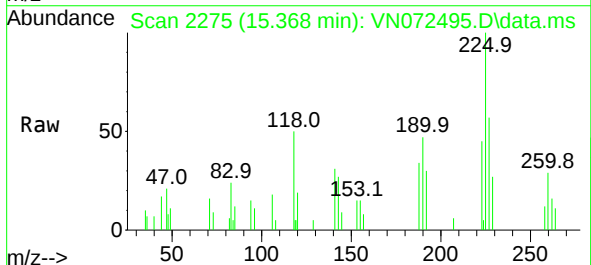
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

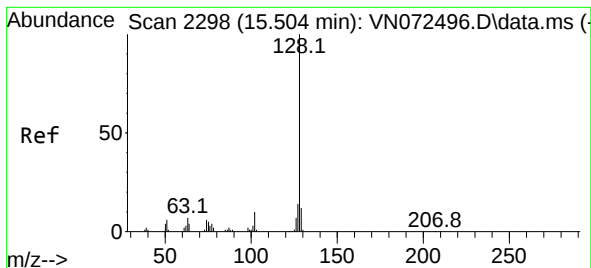
Tgt Ion:180 Resp: 5290
 Ion Ratio Lower Upper
 180 100
 182 92.1 77.7 116.5
 145 32.7 26.6 39.8



#90
 Hexachlorobutadiene
 Concen: 6.388 ug/l
 RT: 15.368 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: VN072495.D
 Acq: 16 May 2022 12:16

Tgt Ion:225 Resp: 4963
 Ion Ratio Lower Upper
 225 100
 223 55.3 0.0 126.8
 227 60.8 0.0 123.0





#91

Naphthalene

Concen: 3.291 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

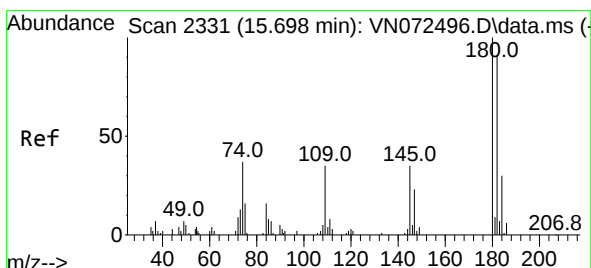
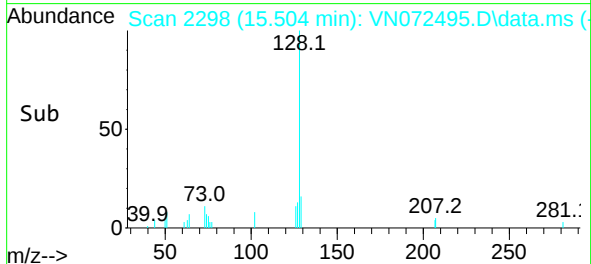
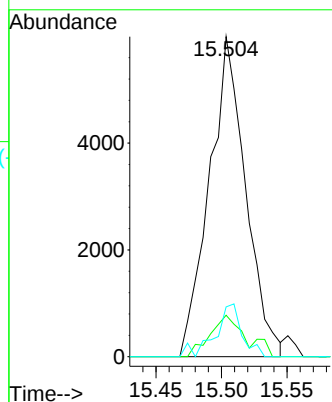
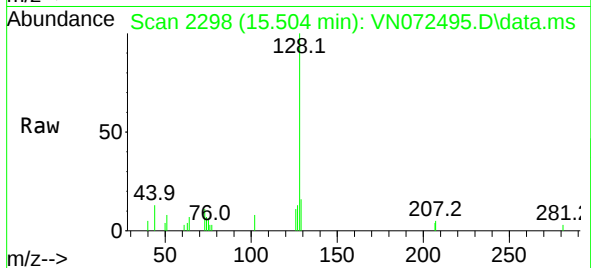
Tgt Ion:128 Resp: 11553

Ion Ratio Lower Upper

128 100

127 10.7 10.7 16.1#

129 9.4 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 4.428 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: VN072495.D

Acq: 16 May 2022 12:16

Tgt Ion:180 Resp: 5528

Ion Ratio Lower Upper

180 100

182 94.2 0.0 190.0

145 35.4 0.0 67.8

