

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077602.D
 Acq On : 05 May 2023 20:06
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: May 06 05:01:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	120088	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	714364	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	665020	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	286403	29.452	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.167%
60) 4-Bromofluorobenzene	12.848	95	320230	30.342	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.133%
63) Toluene-d8	10.572	98	917688	29.275	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	417644	48.623	ug/l	98
3) Chloromethane	2.372	50	317833	47.597	ug/l	98
4) Vinyl Chloride	2.525	62	410613	48.574	ug/l	98
5) Bromomethane	2.949	94	289726	47.165	ug/l	97
6) Chloroethane	3.131	64	273405	47.154	ug/l	93
7) Trichlorofluoromethane	3.507	101	598673	47.127	ug/l	92
8) Diethyl Ether	3.972	74	221683	48.543	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	338433	48.496	ug/l	99
10) 1,1-Dichloroethene	4.348	96	320993	48.338	ug/l	93
11) Methyl Iodide	4.601	142	406673	50.034	ug/l	97
12) Methyl Acetate	5.037	43	568657	49.370	ug/l	95
13) Acrolein	4.190	56	309697	236.090	ug/l	98
14) Acrylonitrile	5.731	53	825286	242.826	ug/l	98
15) Acetone	4.437	58	220633	241.377	ug/l	98
16) Carbon Disulfide	4.725	76	797074	49.010	ug/l	99
17) Allyl chloride	5.031	41	404068	48.735	ug/l	93
18) Methylene Chloride	5.290	84	373770	46.715	ug/l	94
19) trans-1,2-Dichloroethene	5.795	96	355312	48.713	ug/l	89
20) Diisopropyl ether	6.684	45	957847	48.476	ug/l	95
21) 1,1-Dichloroethane	6.578	63	654725	49.158	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	431142	48.960	ug/l	97
23) tert-Butyl Alcohol	5.531	59	332889	243.542	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	1173272	48.674	ug/l	99
25) Chloroform	7.972	83	718743	48.184	ug/l	97
26) Cyclohexane	8.266	56	535185	49.389	ug/l #	97
29) 1,1-Dichloropropene	8.378	75	533906	51.013	ug/l	99
30) 2-Butanone	7.489	43	1056048	249.311	ug/l	99
31) 2,2-Dichloropropane	7.501	77	568230	49.269	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	672691	48.967	ug/l	96
33) Carbon Tetrachloride	8.372	117	562603	49.295	ug/l	96
34) Benzene	8.613	78	1570052	48.619	ug/l	97
35) Methacrylonitrile	7.789	41	235034	50.029	ug/l	98
36) 1,2-Dichloroethane	8.678	62	549733	47.861	ug/l	99
37) Trichloroethene	9.354	130	382002	48.470	ug/l	99
38) Methylcyclohexane	9.601	83	660778	50.275	ug/l	98
39) 1,2-Dichloropropane	9.630	63	380120	49.364	ug/l	94
40) Dibromomethane	9.713	93	289745	49.184	ug/l	99
41) Bromodichloromethane	9.889	83	570624	48.900	ug/l	99
42) Vinyl Acetate	6.613	43	3036388	245.595	ug/l	98

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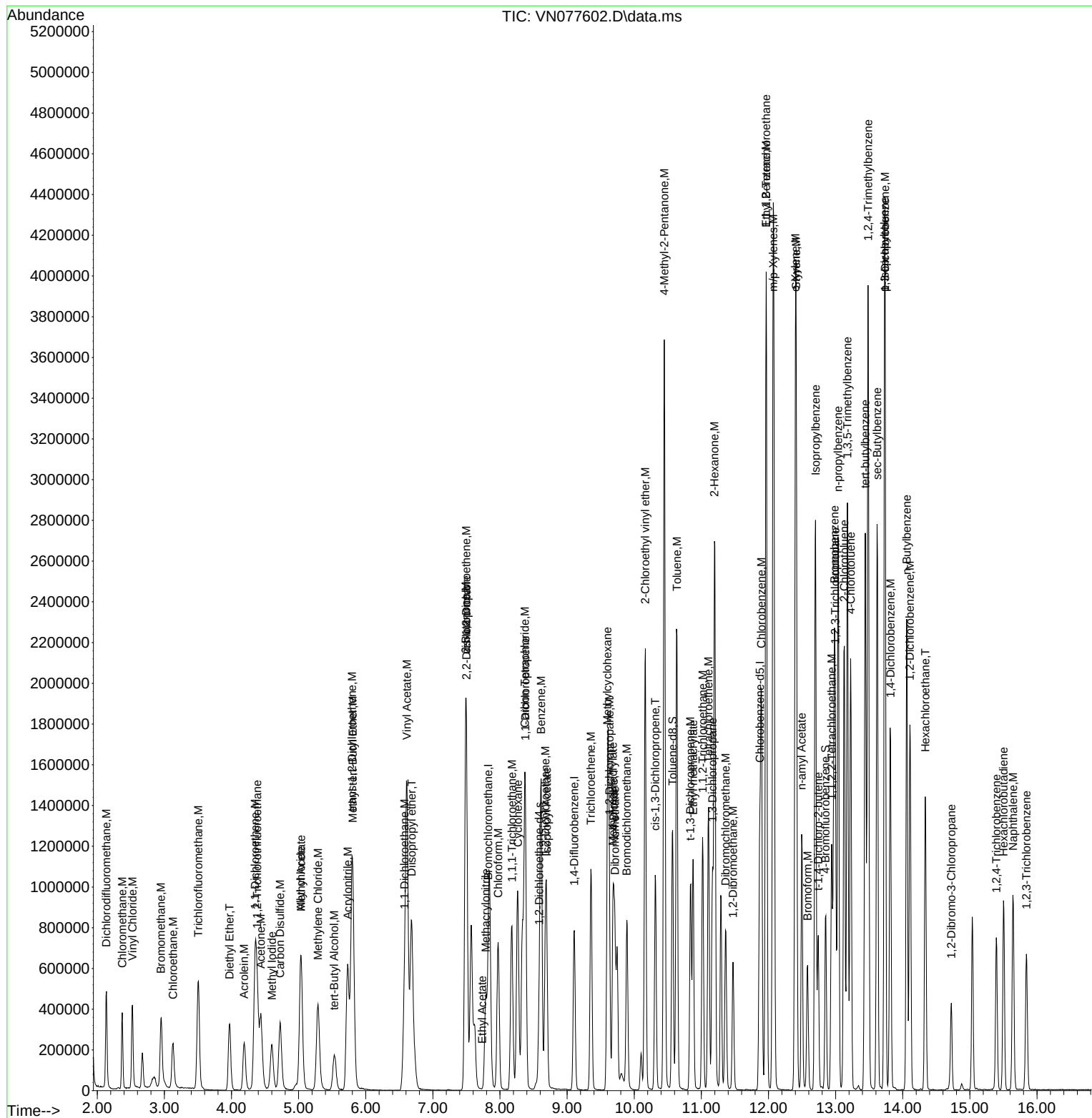
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.736	43	468	0.053	ug/l	96
44) Isopropyl Acetate	8.695	43	740527	49.449	ug/l	99
45) 1,4-Dioxane	9.695	88	158433	994.999	ug/l	96
46) Methyl methacrylate	9.683	41	334061	48.933	ug/l	94
47) n-amyl Acetate	12.495	43	626352	53.361	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	594643	50.927	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	655899	51.240	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	408836	49.236	ug/l	92
51) Ethyl methacrylate	10.877	69	617961	50.820	ug/l	96
52) 1,3-Dichloropropane	11.166	76	685580	49.141	ug/l	99
53) Dibromochloromethane	11.360	129	427223	50.550	ug/l	99
54) 1,2-Dibromoethane	11.471	107	423966	50.423	ug/l	97
55) 2-Chloroethyl vinyl ether	10.166	63	1021654	253.055	ug/l	97
56) Bromoform	12.583	173	264840	52.031	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	2257095	243.266	ug/l	98
59) 2-Hexanone	11.195	43	1626325	242.818	ug/l	99
61) Tetrachloroethene	11.107	164	299333	48.697	ug/l	96
62) Toluene	10.636	91	1801226	48.170	ug/l	99
64) Chlorobenzene	11.895	112	1080702	48.742	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	398668	49.225	ug/l	96
66) Ethyl Benzene	11.966	91	1996574	49.371	ug/l	98
67) m/p-Xylenes	12.071	106	1524376	98.860	ug/l	99
68) o-Xylene	12.401	106	759797	49.513	ug/l	99
69) Styrene	12.413	104	1218114	50.418	ug/l	99
70) Isopropylbenzene	12.701	105	1997840	50.569	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	591955	48.183	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	724395	68.479	ug/l	64
73) Bromobenzene	12.983	156	405606	49.737	ug/l	97
74) n-propylbenzene	13.036	91	2264325	51.647	ug/l	99
75) 2-Chlorotoluene	13.130	91	1373429	50.325	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	1642961	53.712	ug/l	100
77) t-1,4-Dichloro-2-butene	12.742	75	173456	54.107	ug/l	95
78) 4-Chlorotoluene	13.224	91	1316825	51.020	ug/l	100
79) tert-butylbenzene	13.442	119	1418522	50.377	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	1588113	55.767	ug/l	99
81) sec-Butylbenzene	13.618	105	2021350	51.714	ug/l	100
82) p-Isopropyltoluene	13.730	119	1614305	53.728	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	748345	51.357	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	740253	51.642	ug/l	100
85) n-Butylbenzene	14.060	91	1312446	55.575	ug/l	100
86) Hexachloroethane	14.336	117	304806	51.897	ug/l	97
87) 1,2-Dichlorobenzene	14.107	146	755248	51.300	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.724	75	118138	50.713	ug/l	96
89) 1,2,4-Trichlorobenzene	15.395	180	233933	46.732	ug/l	100
90) Hexachlorobutadiene	15.501	225	150462	50.504	ug/l	95
91) Naphthalene	15.642	128	901745	47.146	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	220049	47.482	ug/l	98

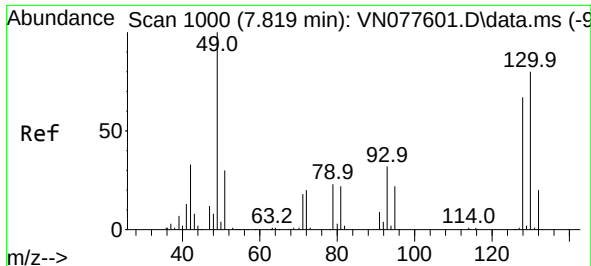
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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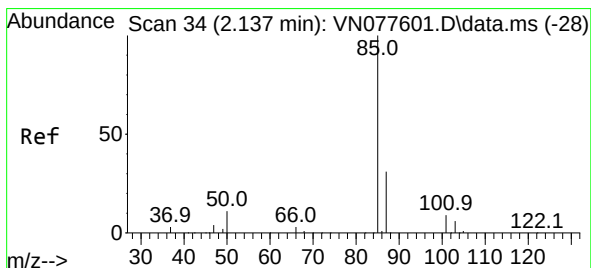
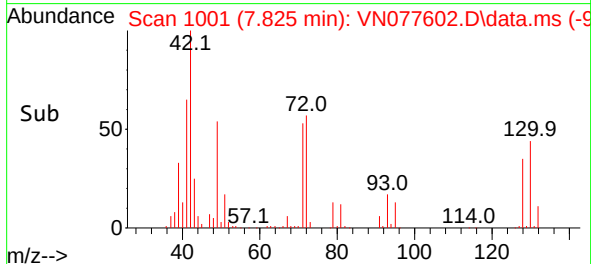
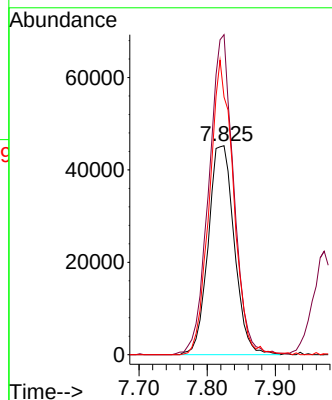
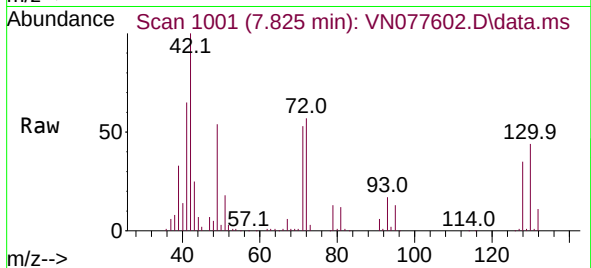




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

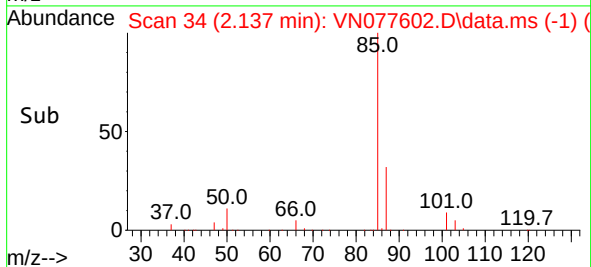
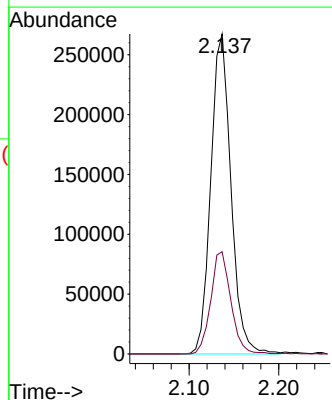
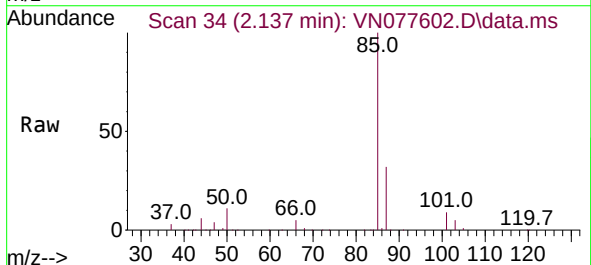
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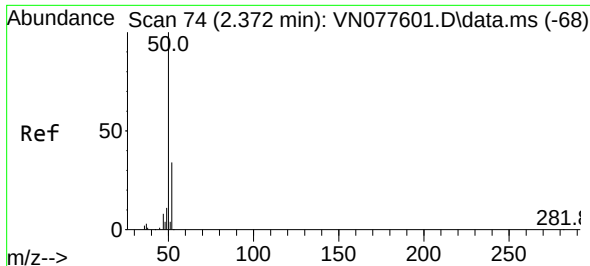
Tgt Ion:128 Resp: 120088
Ion Ratio Lower Upper
128 100
49 145.8 0.0 369.8
130 128.7 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 48.623 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 85 Resp: 417644
Ion Ratio Lower Upper
85 100
87 31.9 15.3 45.9

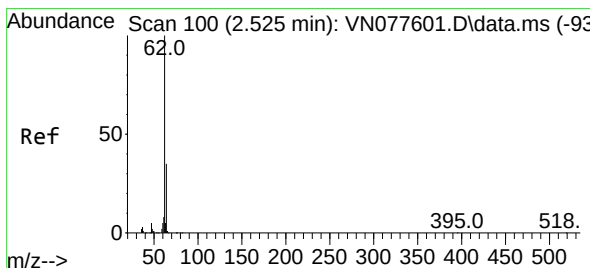
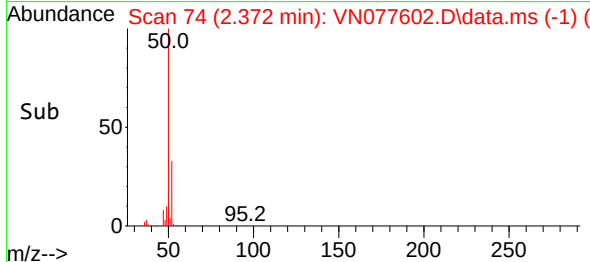
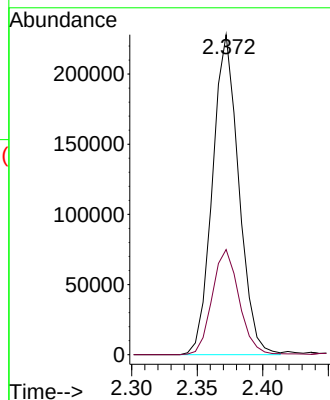
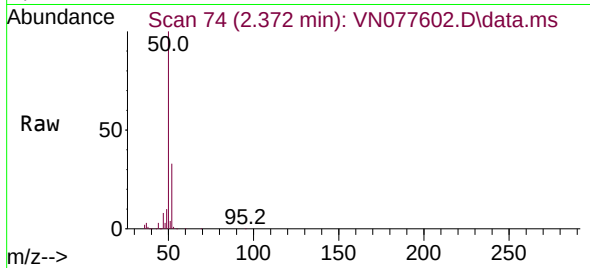




#3
Chloromethane
Concen: 47.597 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

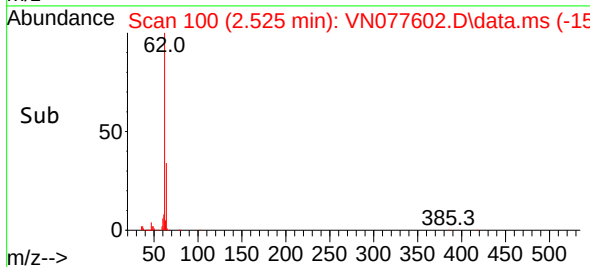
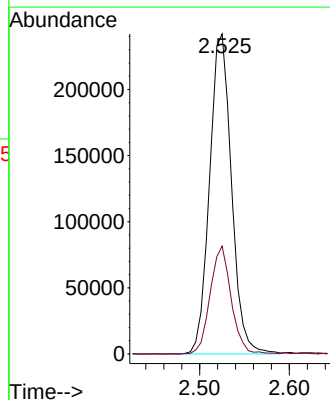
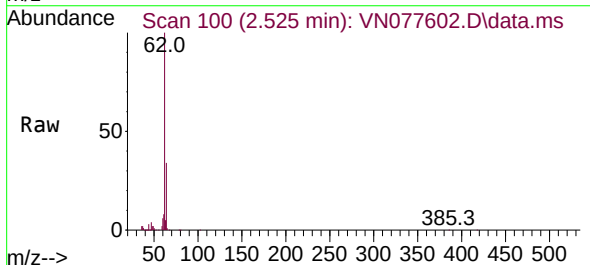
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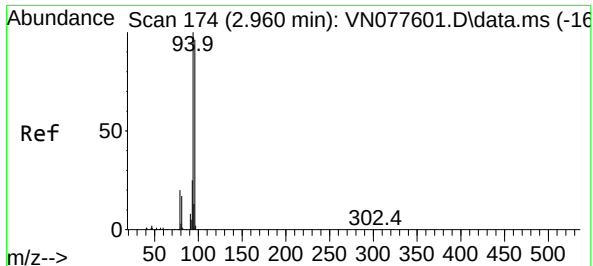
Tgt Ion: 50 Resp: 317833
Ion Ratio Lower Upper
50 100
52 32.9 27.3 40.9



#4
Vinyl Chloride
Concen: 48.574 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 62 Resp: 410613
Ion Ratio Lower Upper
62 100
64 33.7 27.8 41.6

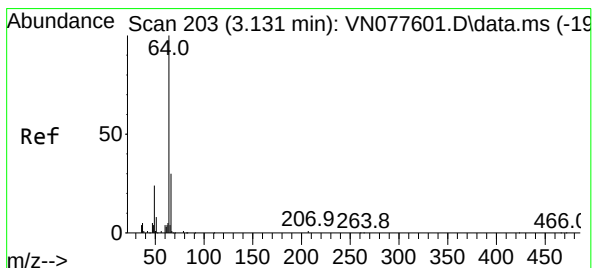
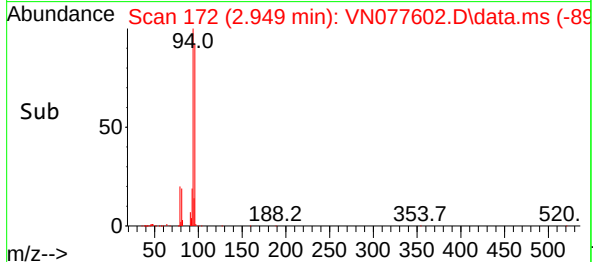
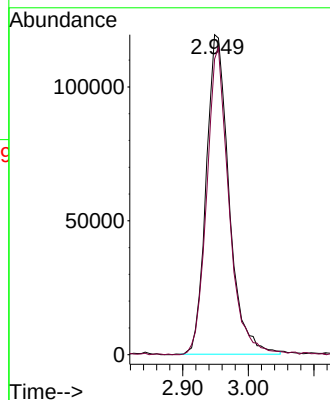
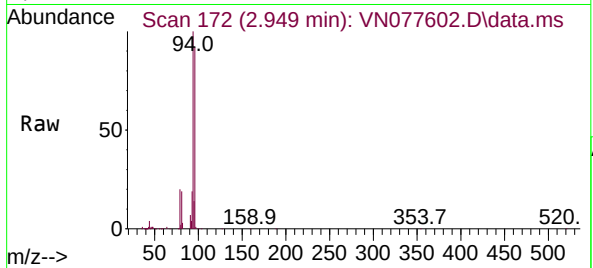




#5
Bromomethane
Concen: 47.165 ug/l
RT: 2.949 min Scan# 172
Delta R.T. -0.011 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

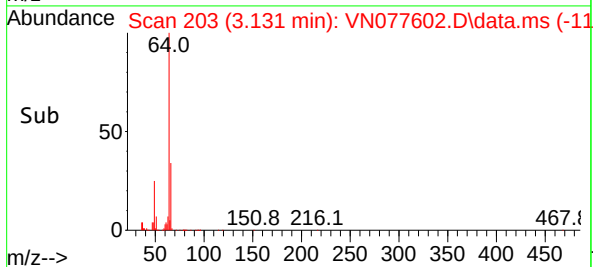
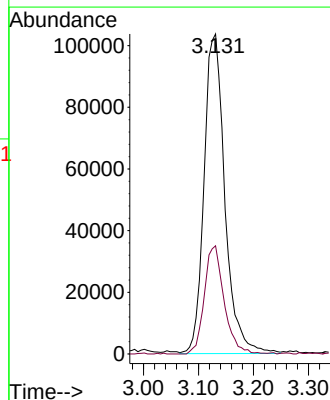
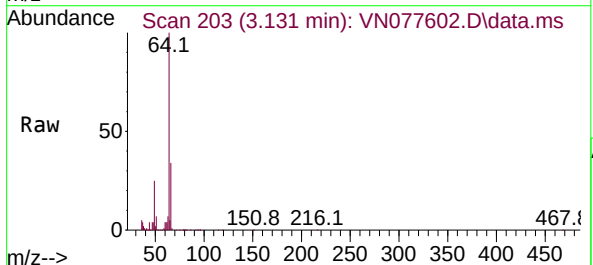
Instrument :
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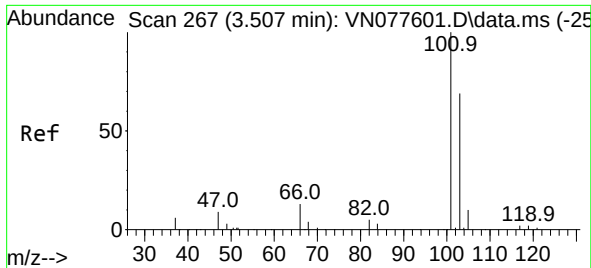
Tgt Ion: 94 Resp: 289726
Ion Ratio Lower Upper
94 100
96 92.6 76.7 115.1



#6
Chloroethane
Concen: 47.154 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 64 Resp: 273405
Ion Ratio Lower Upper
64 100
66 33.9 24.2 36.4

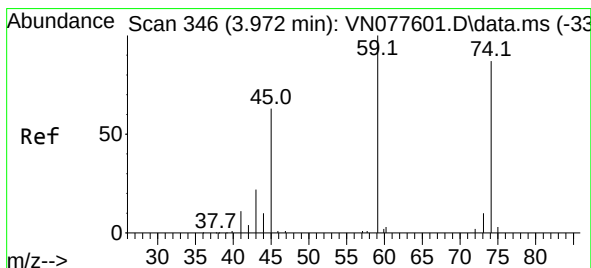
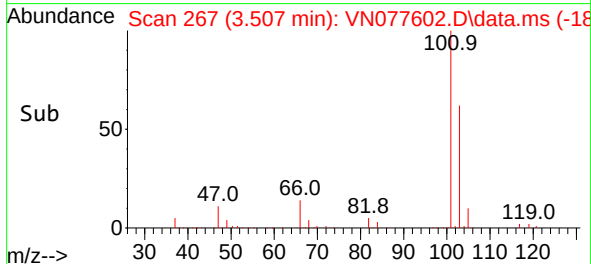
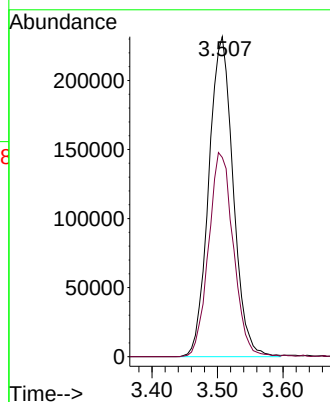
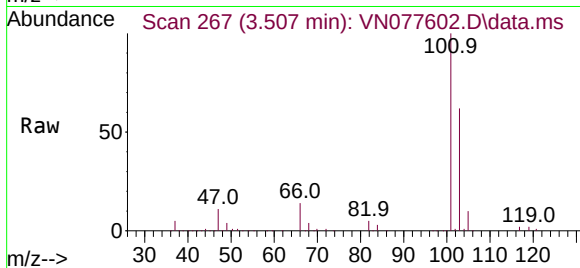




#7
Trichlorofluoromethane
Concen: 47.127 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
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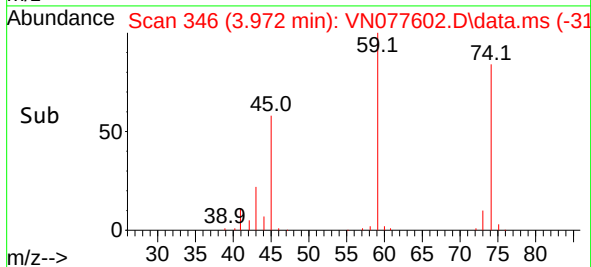
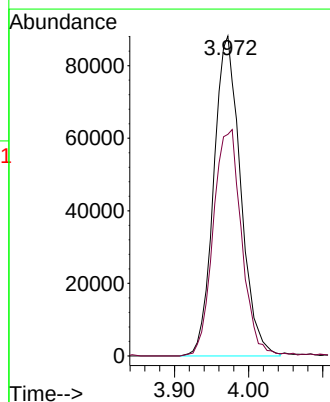
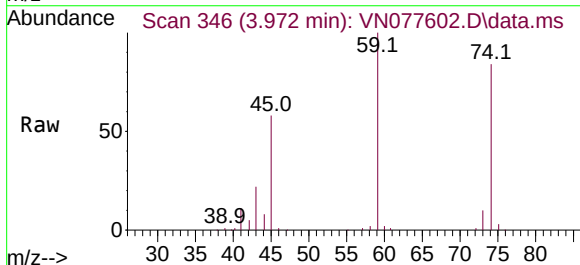
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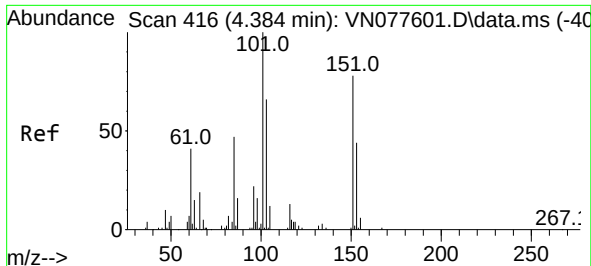
Tgt Ion:101 Resp: 598673
Ion Ratio Lower Upper
101 100
103 62.2 55.0 82.4



#8
Diethyl Ether
Concen: 48.543 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 74 Resp: 221683
Ion Ratio Lower Upper
74 100
45 74.6 14.8 133.2

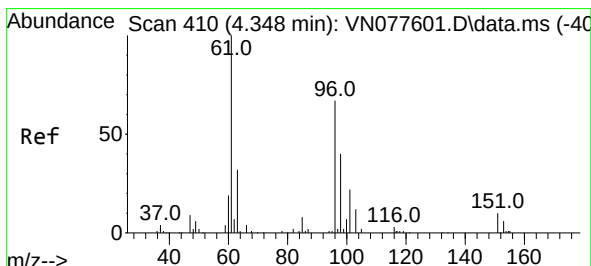
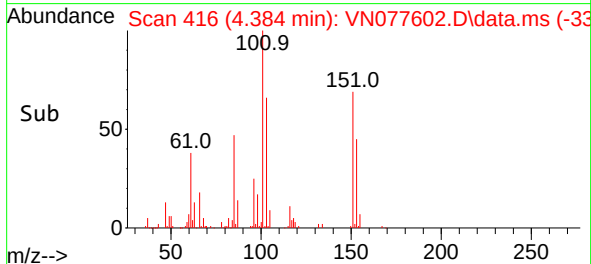
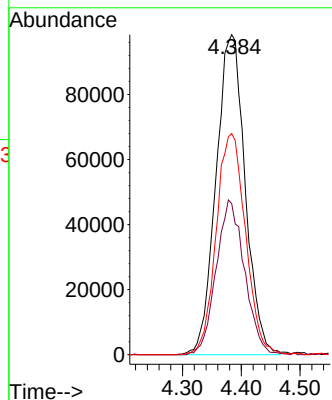
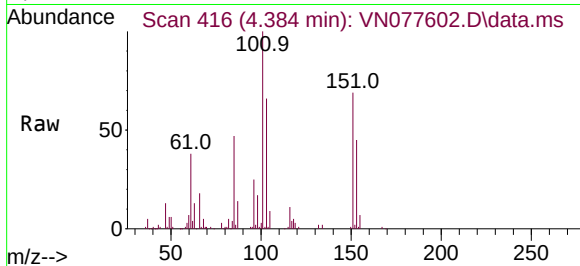




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.496 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
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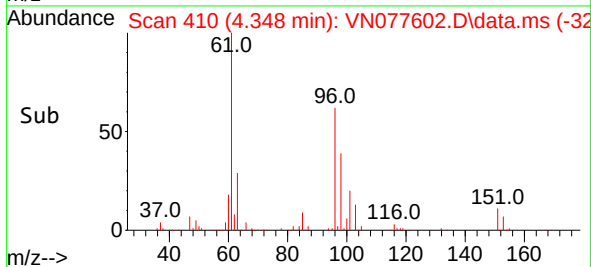
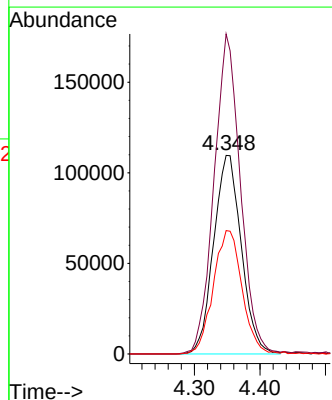
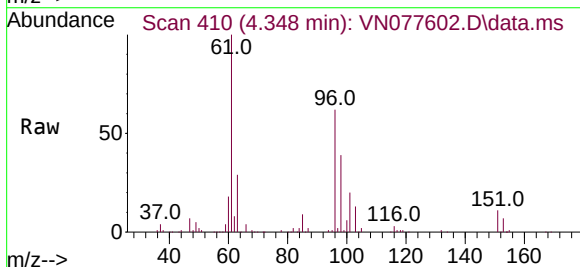
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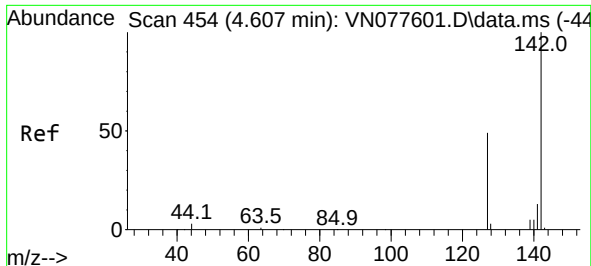
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Ion Ratio Lower Upper
101 100
85 46.8 0.0 92.6
151 69.6 0.0 137.4



#10
1,1-Dichloroethene
Concen: 48.338 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 96 Resp: 320993
Ion Ratio Lower Upper
96 100
61 160.9 120.1 180.1
98 62.1 48.3 72.5

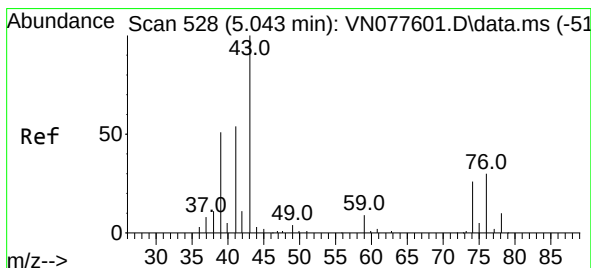
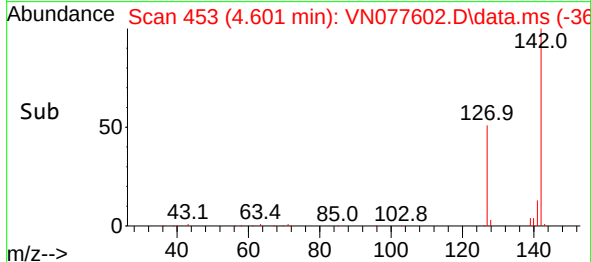
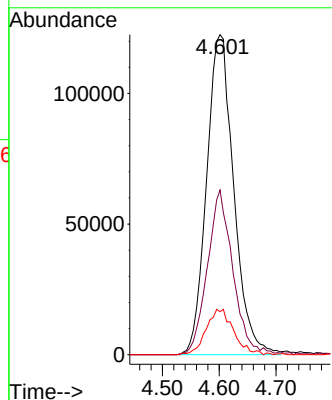
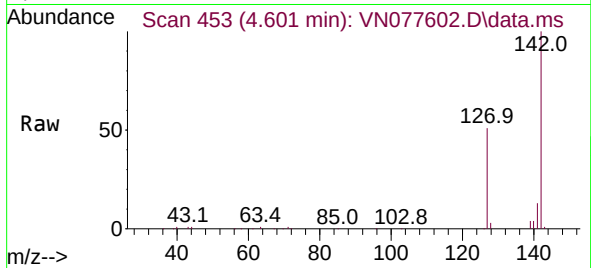




#11
Methyl Iodide
Concen: 50.034 ug/l
RT: 4.601 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

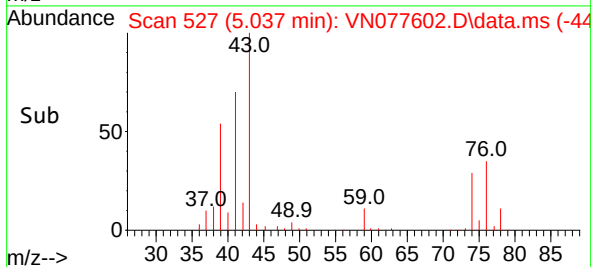
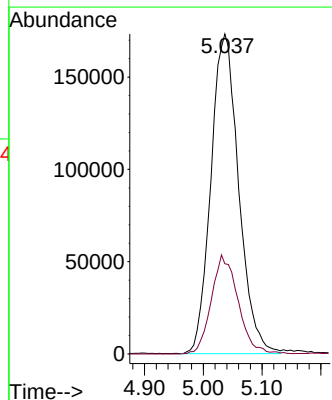
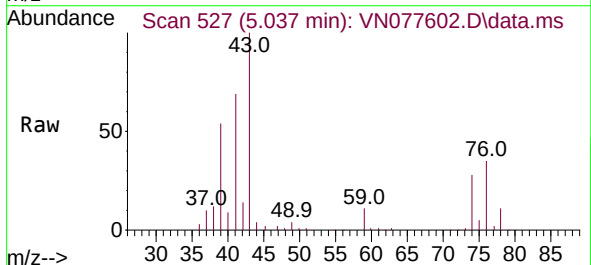
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

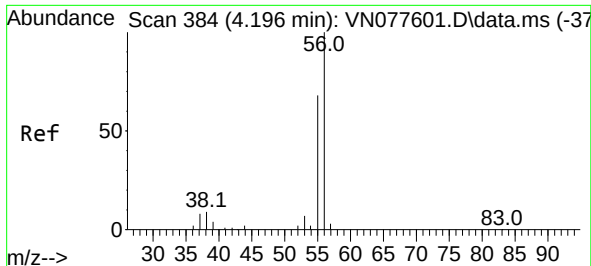
Tgt Ion:142 Resp: 406673
Ion Ratio Lower Upper
142 100
127 51.1 24.6 73.6
141 13.3 6.4 19.2



#12
Methyl Acetate
Concen: 49.370 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 43 Resp: 568657
Ion Ratio Lower Upper
43 100
74 28.2 20.6 31.0

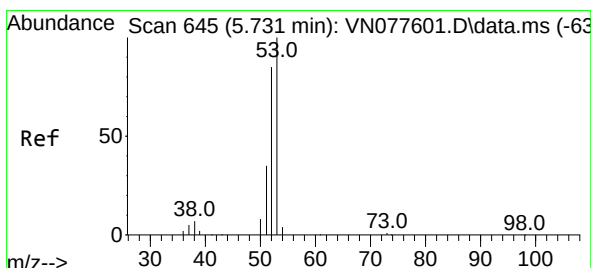
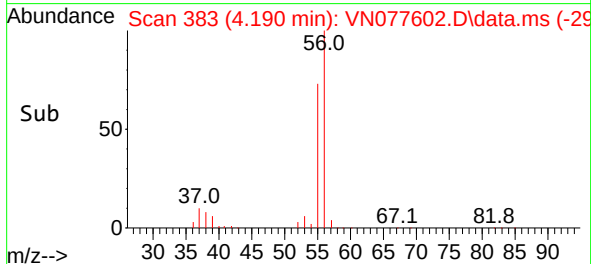
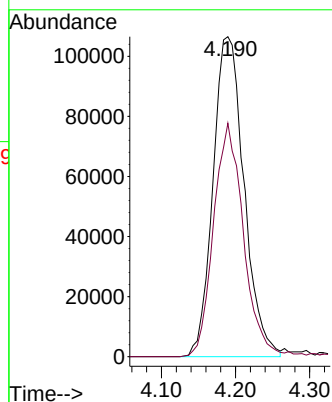
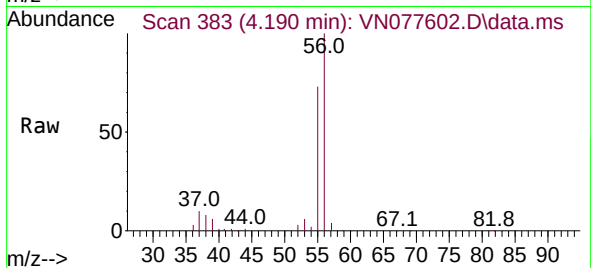




#13
Acrolein
Concen: 236.090 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

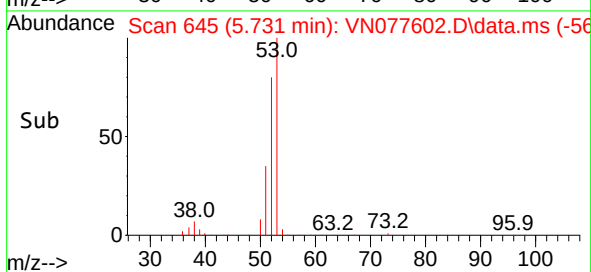
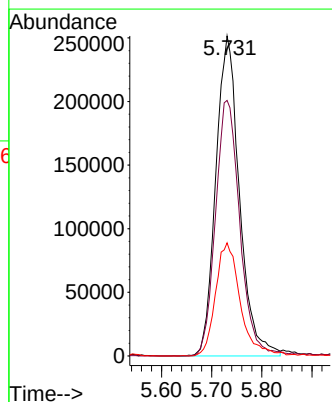
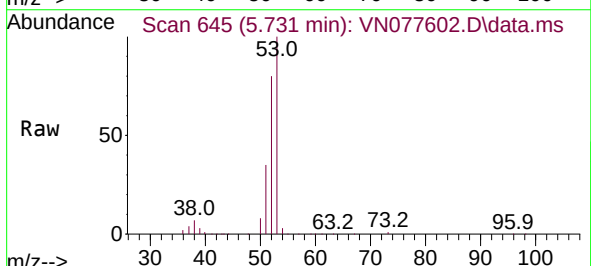
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

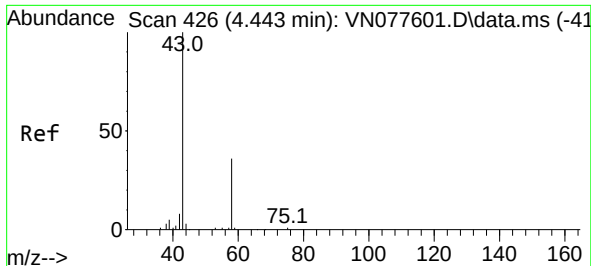
Tgt Ion: 56 Resp: 309697
Ion Ratio Lower Upper
56 100
55 69.8 54.8 82.2



#14
Acrylonitrile
Concen: 242.826 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 53 Resp: 825286
Ion Ratio Lower Upper
53 100
52 81.3 41.6 124.8
51 36.5 17.6 52.9





#15

Acetone

Concen: 241.377 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

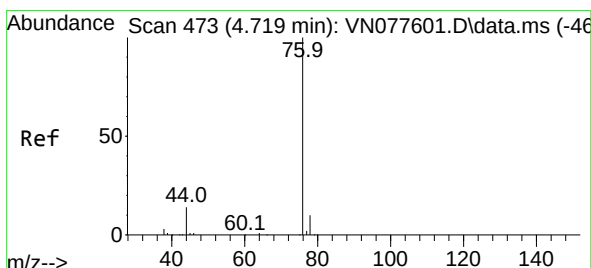
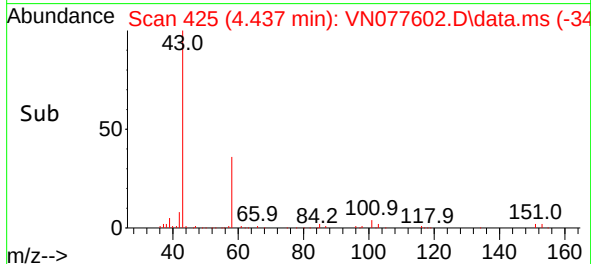
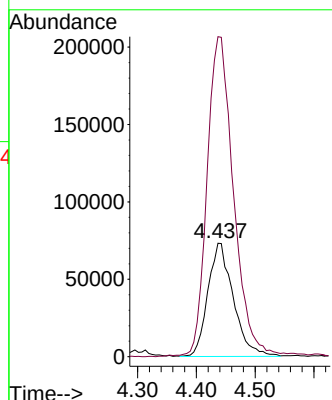
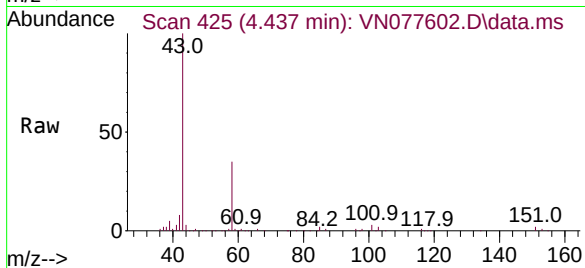
VSTDICC050

Tgt Ion: 58 Resp: 220633

Ion Ratio Lower Upper

58 100

43 282.0 223.2 334.8



#16

Carbon Disulfide

Concen: 49.010 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN077602.D

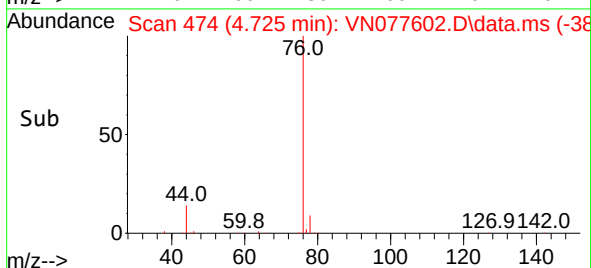
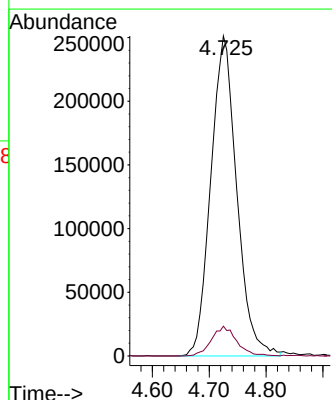
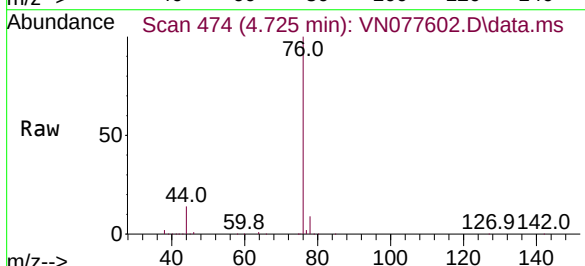
Acq: 05 May 2023 20:06

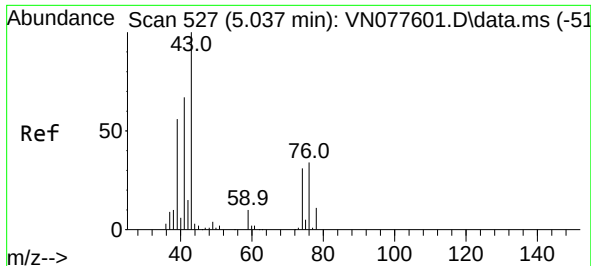
Tgt Ion: 76 Resp: 797074

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4





#17

Allyl chloride

Concen: 48.735 ug/l

RT: 5.031 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

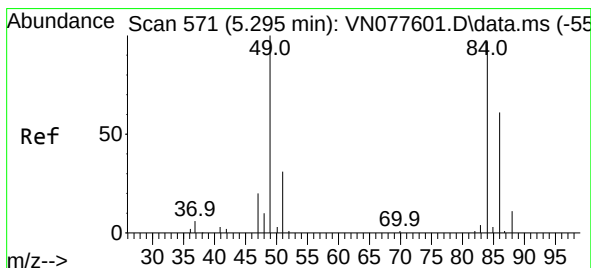
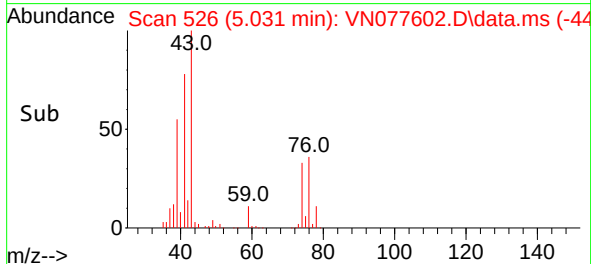
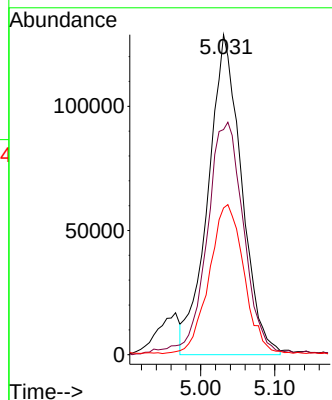
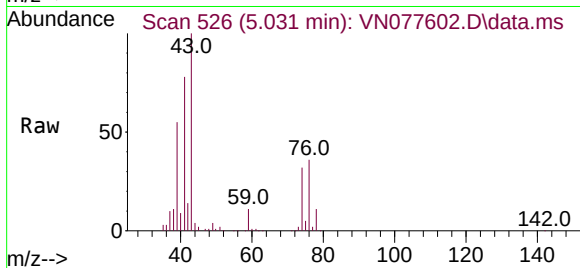
Tgt Ion: 41 Resp: 404068

Ion Ratio Lower Upper

41 100

39 70.0 39.5 118.3

76 45.4 23.4 70.3



#18

Methylene Chloride

Concen: 46.715 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.005 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Tgt Ion: 84 Resp: 373770

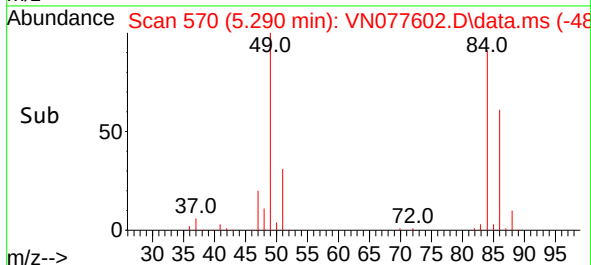
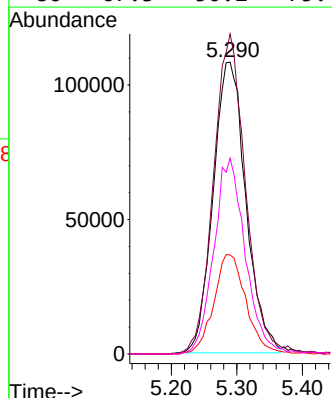
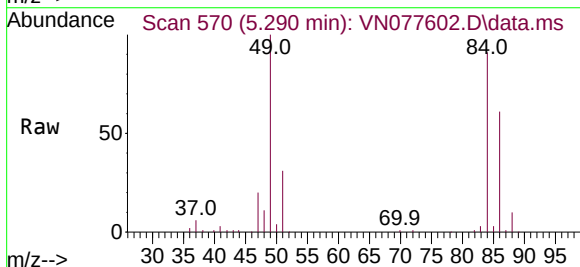
Ion Ratio Lower Upper

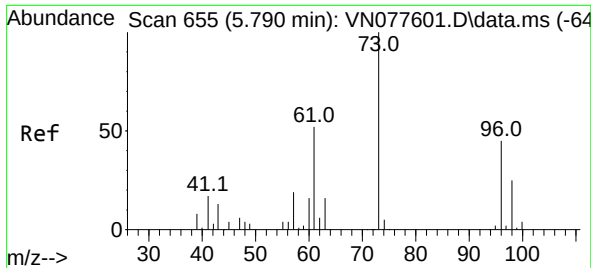
84 100

49 109.7 82.4 123.6

51 34.1 25.1 37.7

86 67.3 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 48.713 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

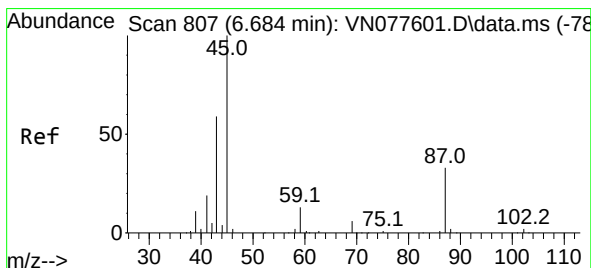
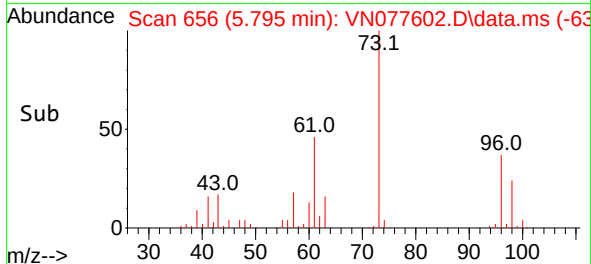
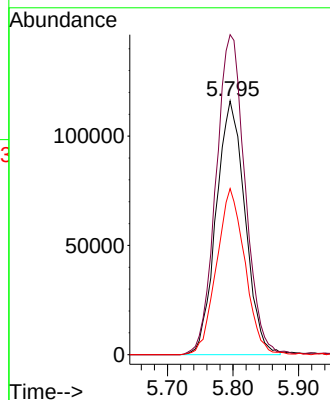
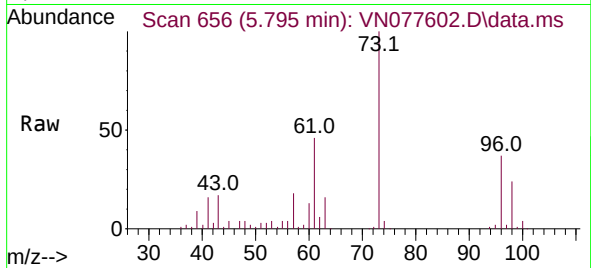
Tgt Ion: 96 Resp: 355312

Ion Ratio Lower Upper

96 100

61 126.1 92.4 138.6

98 65.5 44.8 67.2



#20

Diisopropyl ether

Concen: 48.476 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Tgt Ion: 45 Resp: 957847

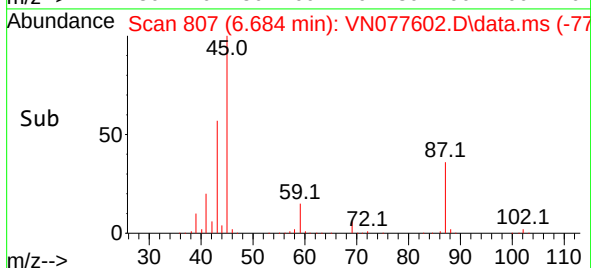
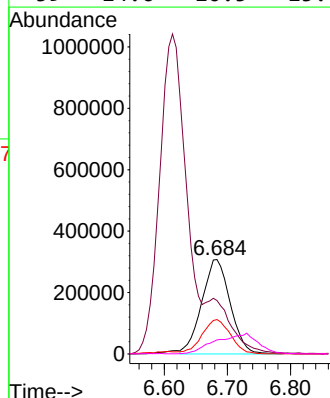
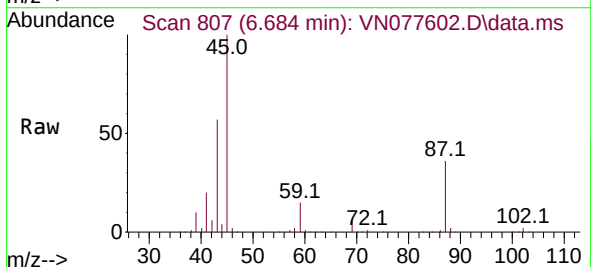
Ion Ratio Lower Upper

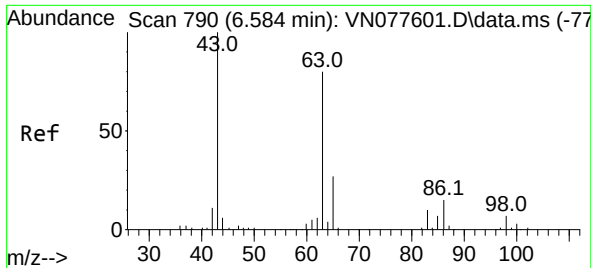
45 100

43 55.2 47.1 70.7

87 36.3 26.2 39.2

59 14.6 10.5 15.7





#21

1,1-Dichloroethane

Concen: 49.158 ug/l

RT: 6.578 min Scan# 790

Delta R.T. -0.006 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

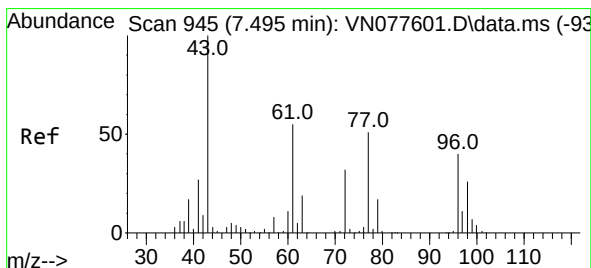
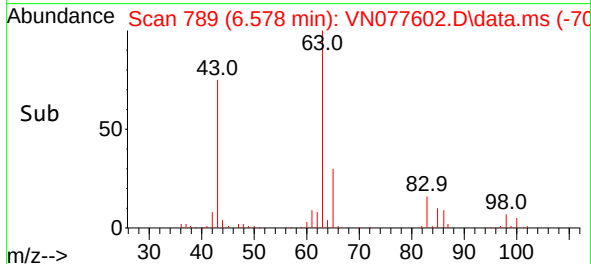
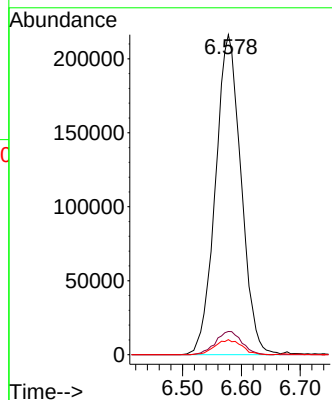
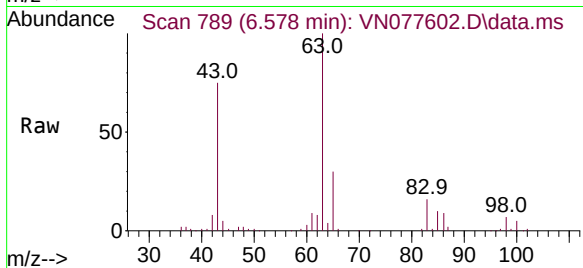
Tgt Ion: 63 Resp: 654725

Ion Ratio Lower Upper

63 100

98 7.3 4.3 13.1

100 4.7 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 48.960 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

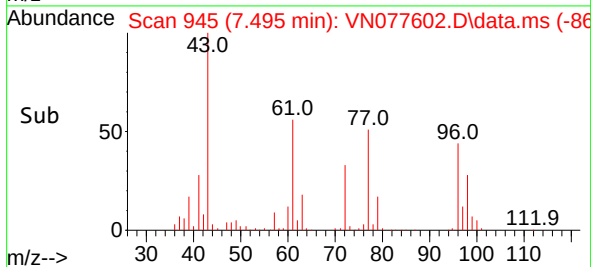
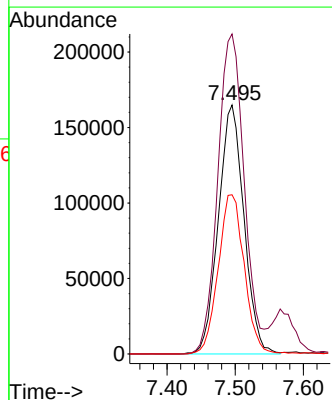
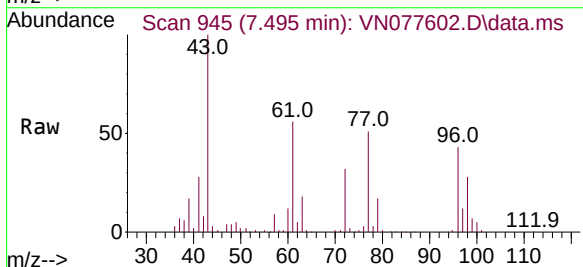
Tgt Ion: 96 Resp: 431142

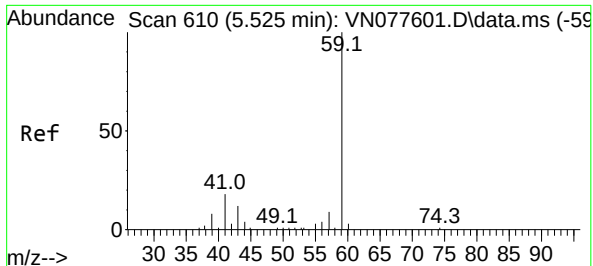
Ion Ratio Lower Upper

96 100

61 132.8 109.4 164.0

98 64.9 51.2 76.8

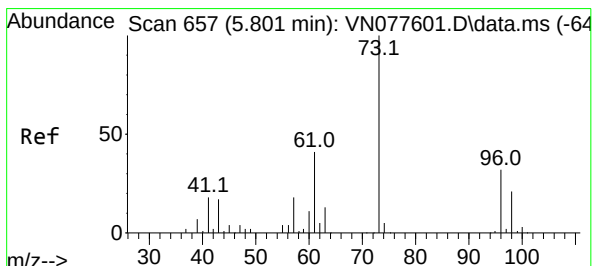
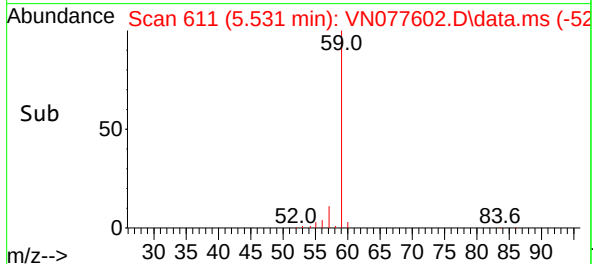
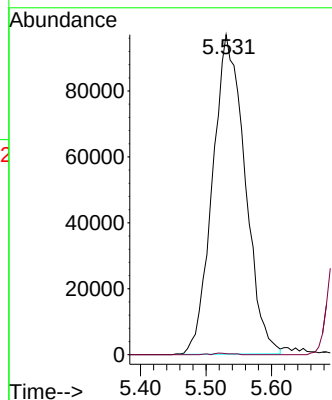
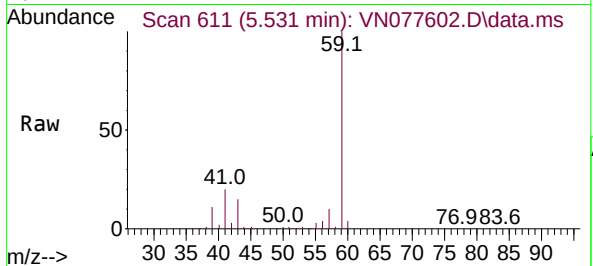




#23
tert-Butyl Alcohol
Concen: 243.542 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

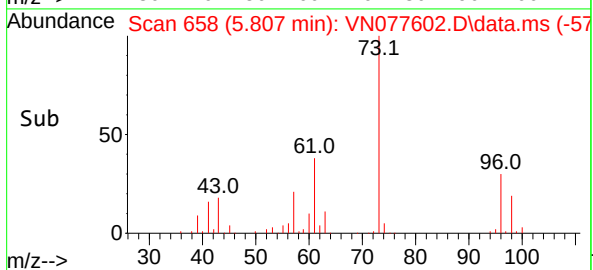
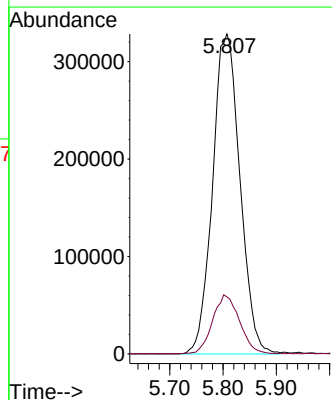
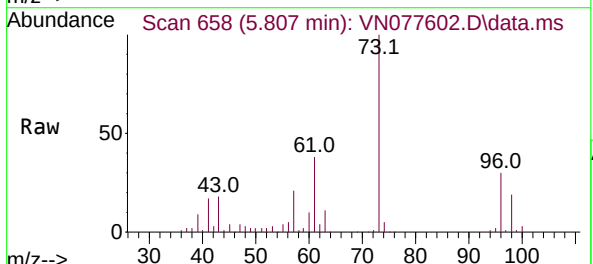
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

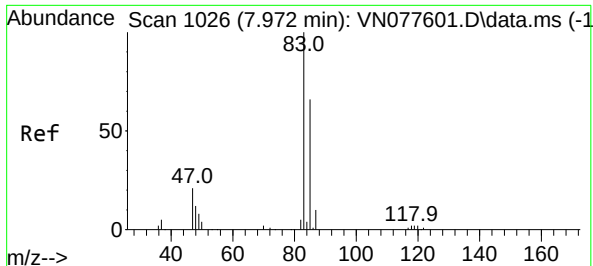
Tgt Ion: 59 Resp: 332889
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 48.674 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 73 Resp: 1173272
Ion Ratio Lower Upper
73 100
43 18.1 14.3 21.5





#25

Chloroform

Concen: 48.184 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

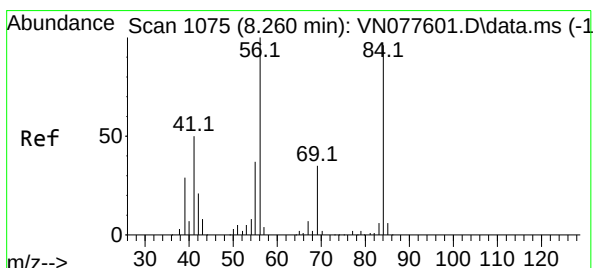
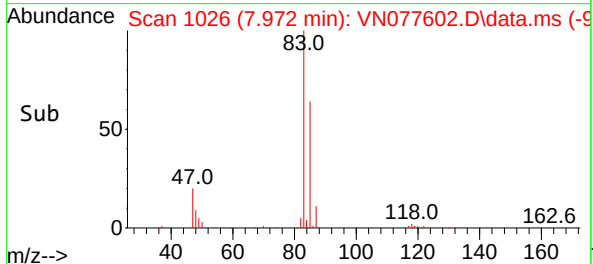
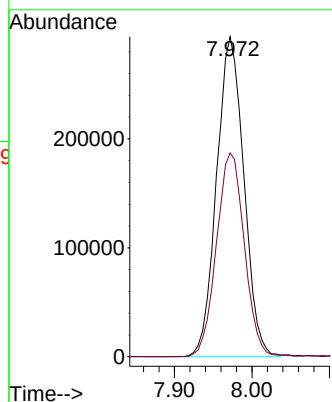
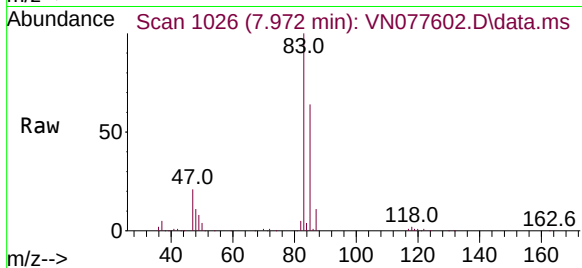
VSTDIC050

Tgt Ion: 83 Resp: 718743

Ion Ratio Lower Upper

83 100

85 63.6 53.0 79.6



#26

Cyclohexane

Concen: 49.389 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

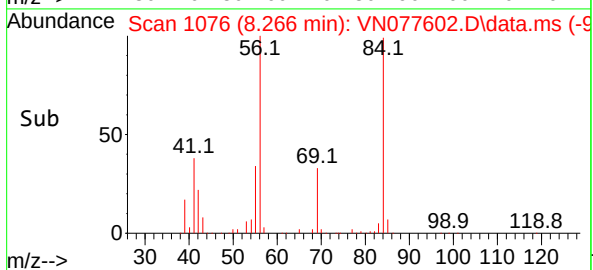
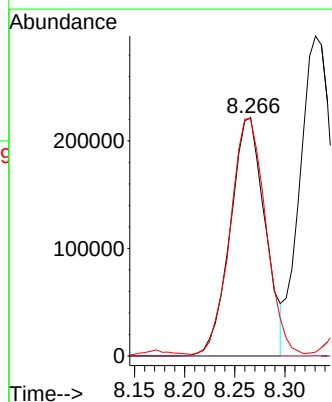
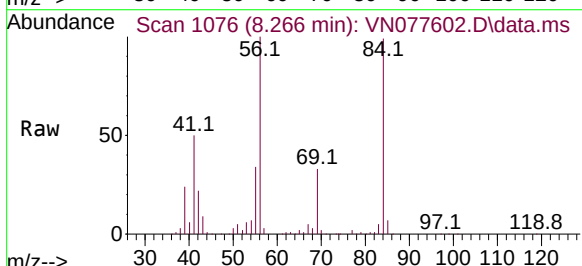
Tgt Ion: 56 Resp: 535185

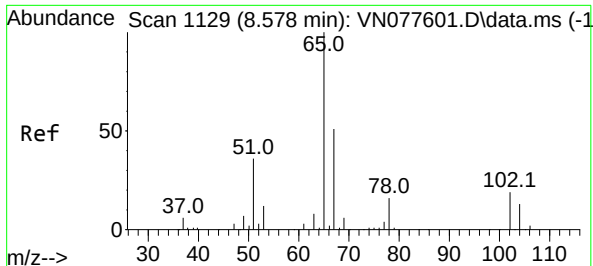
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 102.7 84.6 126.8





#27

1,2-Dichloroethane-d4

Concen: 29.452 ug/l

RT: 8.583 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

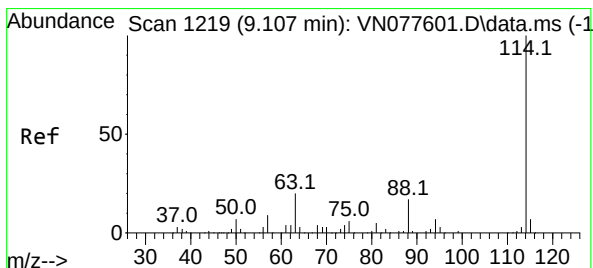
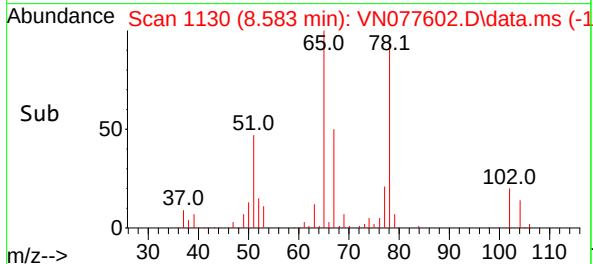
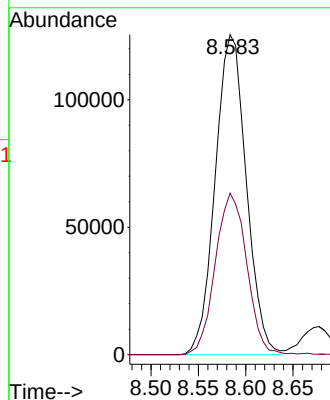
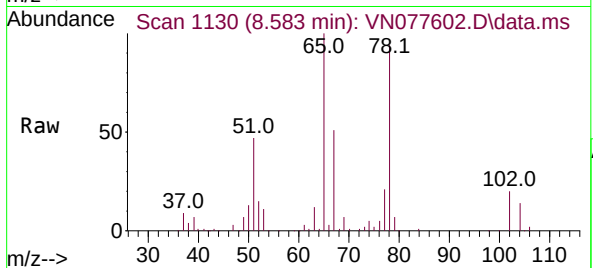
VSTDIC050

Tgt Ion: 65 Resp: 286403

Ion Ratio Lower Upper

65 100

67 51.1 41.3 61.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

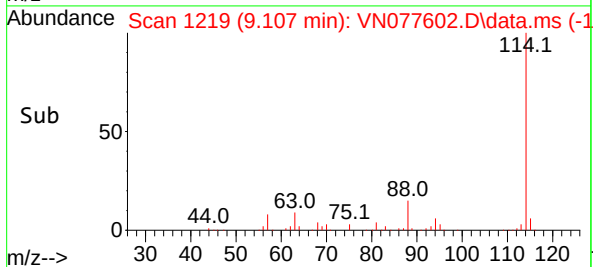
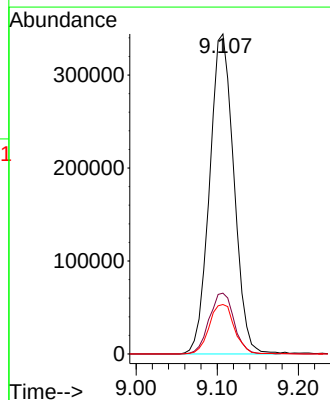
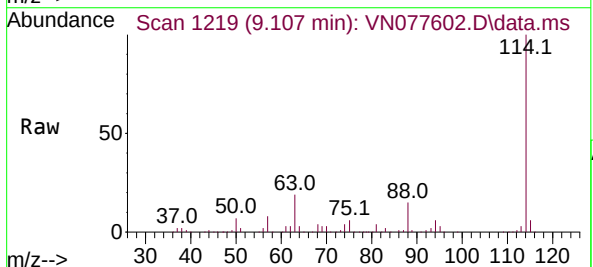
Tgt Ion: 114 Resp: 714364

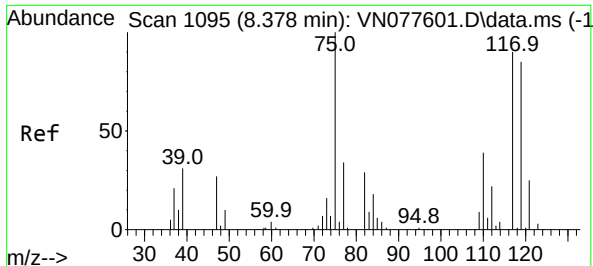
Ion Ratio Lower Upper

114 100

63 19.4 15.8 23.6

88 16.1 13.0 19.4

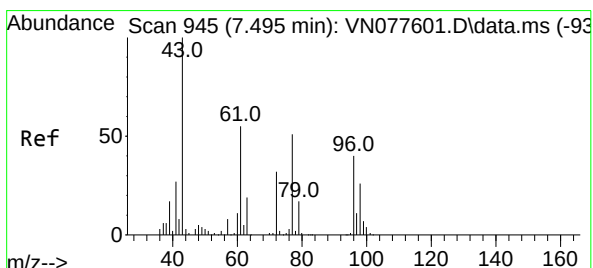
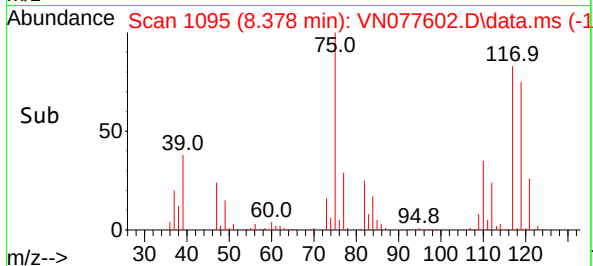
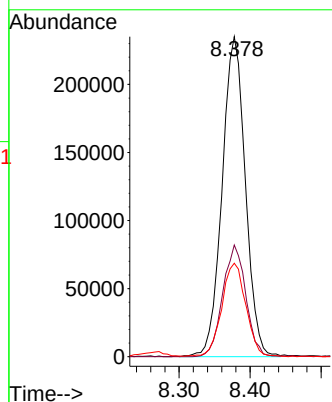
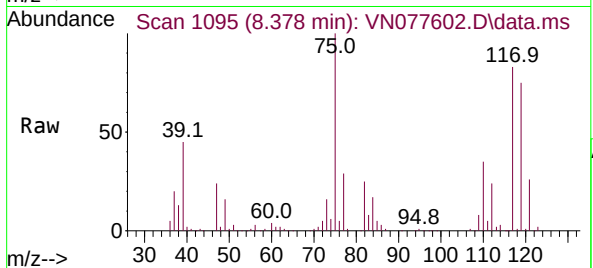




#29
1,1-Dichloropropene
Concen: 51.013 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

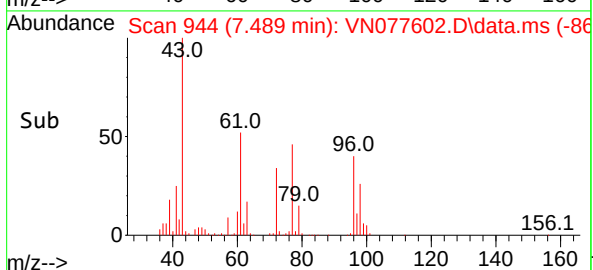
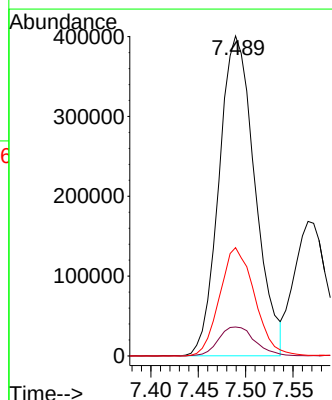
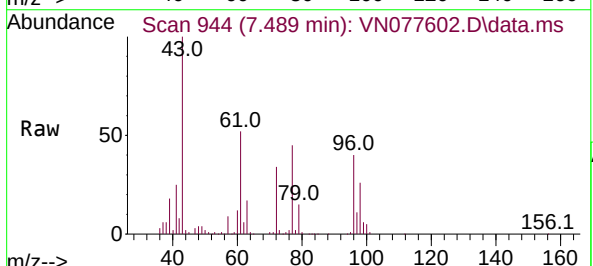
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

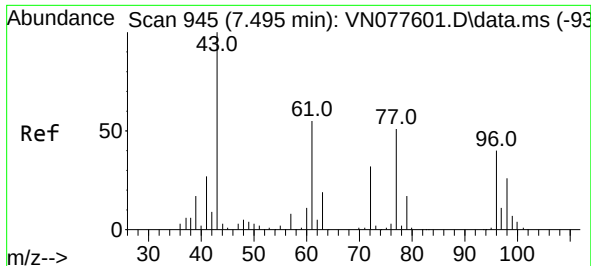
Tgt Ion: 75 Resp: 533906
Ion Ratio Lower Upper
75 100
110 34.6 0.0 69.8
77 30.4 0.0 61.4



#30
2-Butanone
Concen: 249.311 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 43 Resp: 1056048
Ion Ratio Lower Upper
43 100
57 9.3 7.2 10.8
72 33.2 26.2 39.2

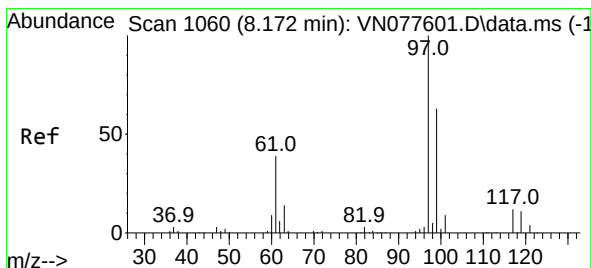
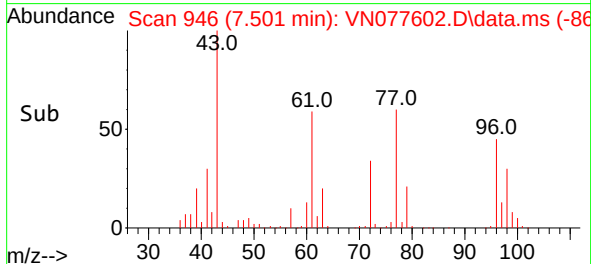
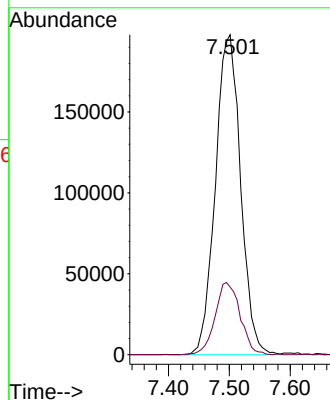
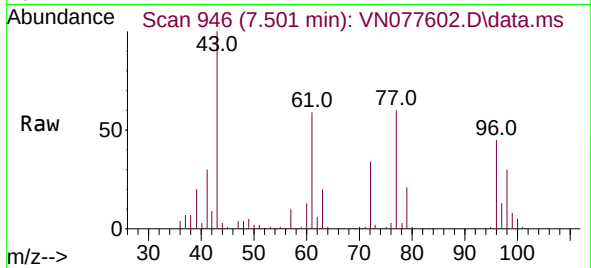




#31
2,2-Dichloropropane
Concen: 49.269 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

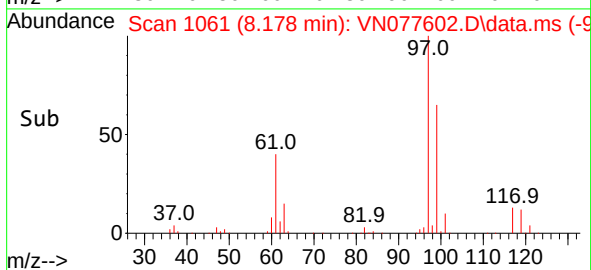
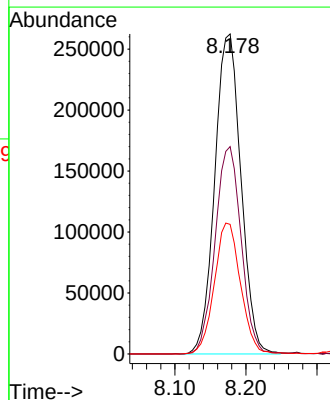
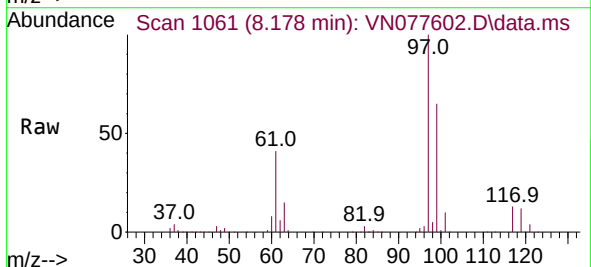
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

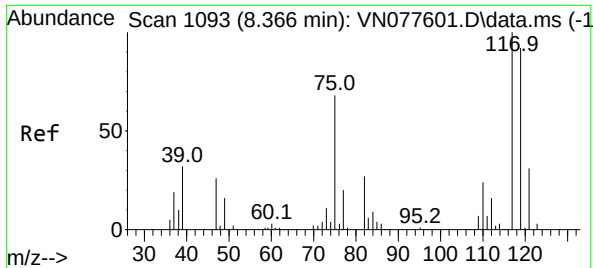
Tgt Ion: 77 Resp: 568230
Ion Ratio Lower Upper
77 100
97 22.4 19.1 28.7



#32
1,1,1-Trichloroethane
Concen: 48.967 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 97 Resp: 672691
Ion Ratio Lower Upper
97 100
99 64.2 53.1 79.7
61 40.7 35.1 52.7

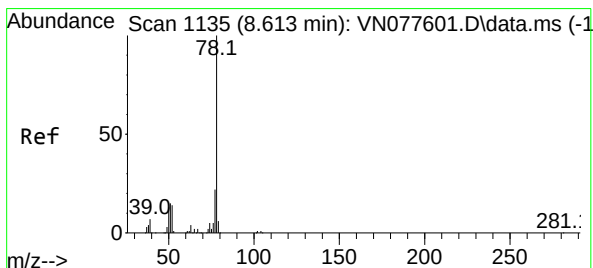
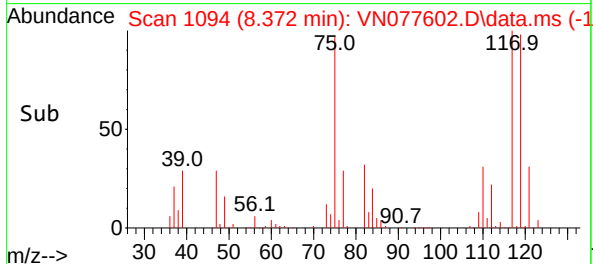
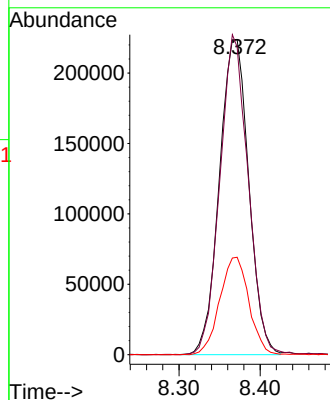
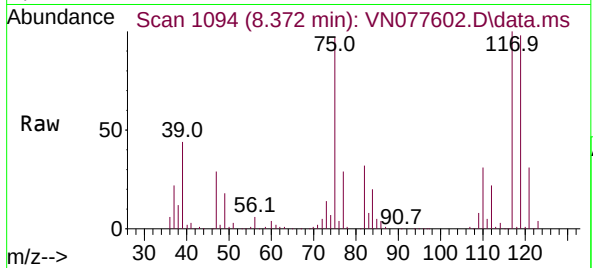




#33
Carbon Tetrachloride
Concen: 49.295 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

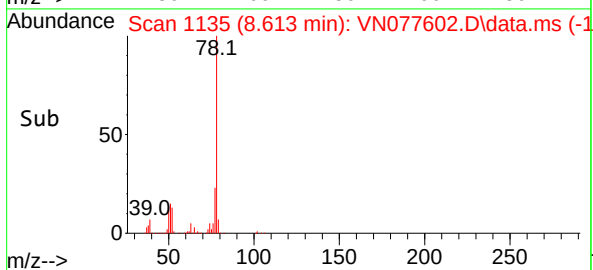
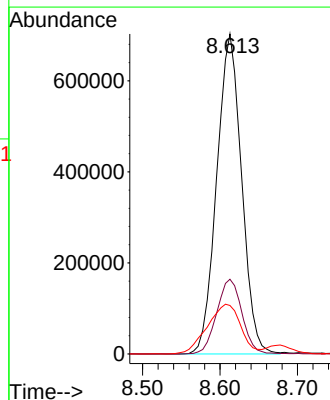
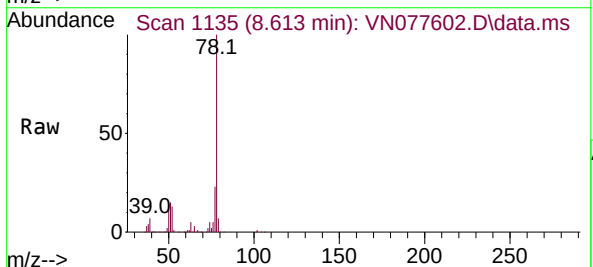
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

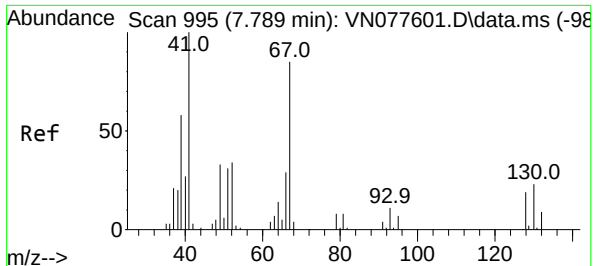
Tgt Ion:117 Resp: 562603
Ion Ratio Lower Upper
117 100
119 97.7 73.9 110.9
121 30.9 25.0 37.4



#34
Benzene
Concen: 48.619 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 78 Resp: 1570052
Ion Ratio Lower Upper
78 100
77 23.3 17.2 25.8
51 14.7 12.3 18.5



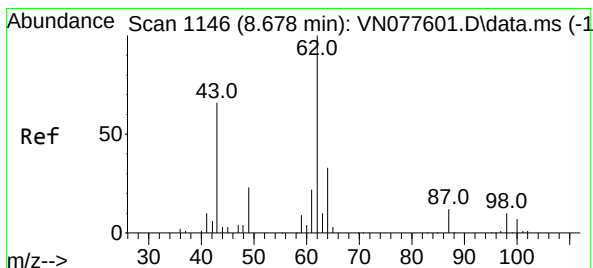
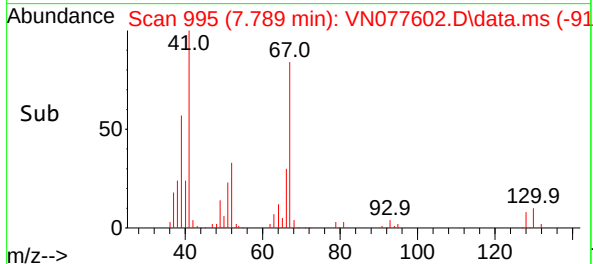
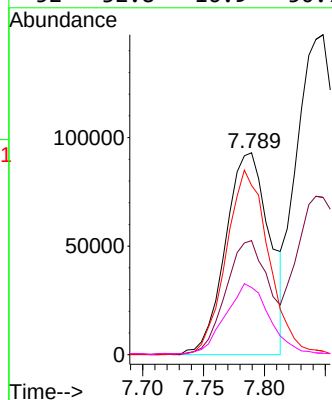
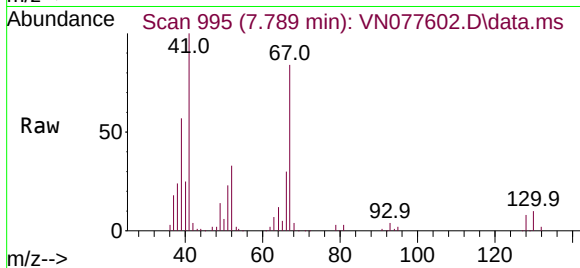


#35
Methacrylonitrile
Concen: 50.029 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 41 Resp: 235034

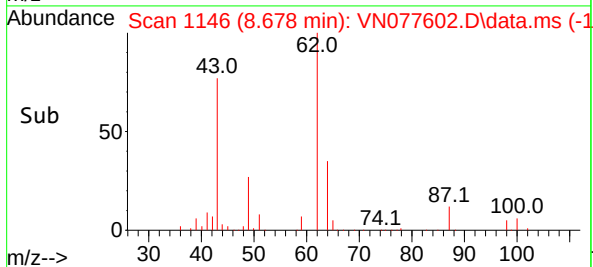
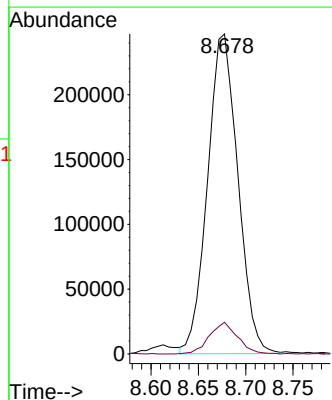
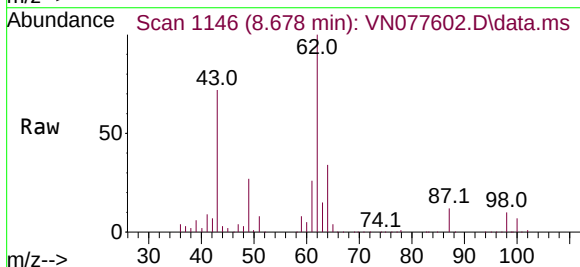
Ion	Ratio	Lower	Upper
41	100		
39	56.5	28.7	86.3
67	83.3	42.7	128.1
52	32.8	16.9	50.7

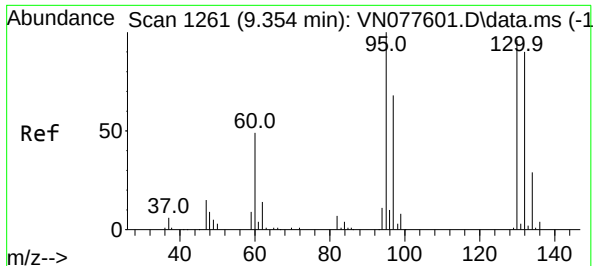


#36
1,2-Dichloroethane
Concen: 47.861 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 62 Resp: 549733

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.6	11.4





#37

Trichloroethene

Concen: 48.470 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

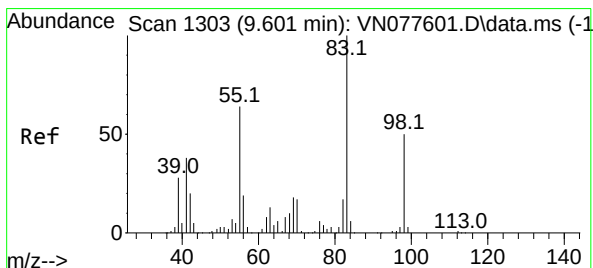
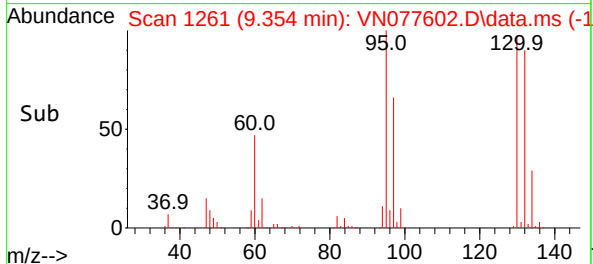
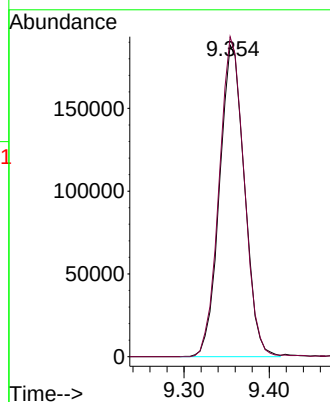
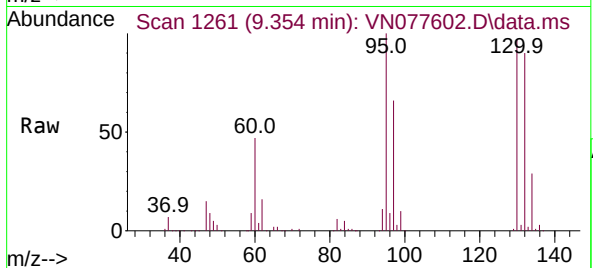
VSTDICC050

Tgt Ion:130 Resp: 382002

Ion Ratio Lower Upper

130 100

95 102.7 83.0 124.6



#38

Methylcyclohexane

Concen: 50.275 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

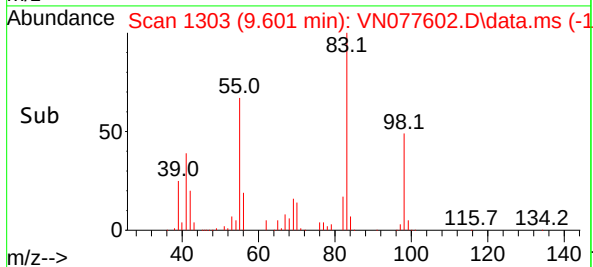
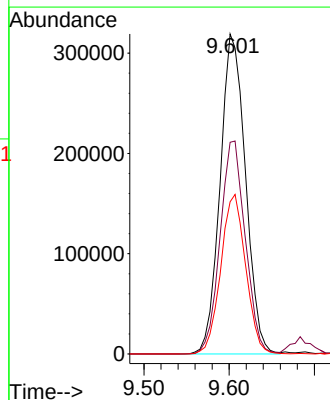
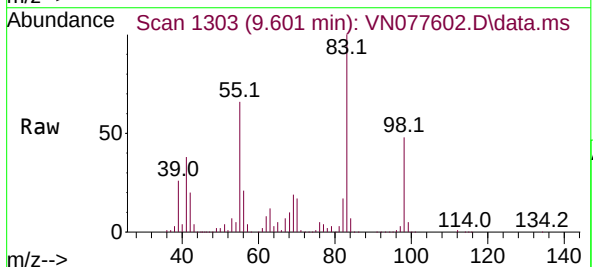
Tgt Ion: 83 Resp: 660778

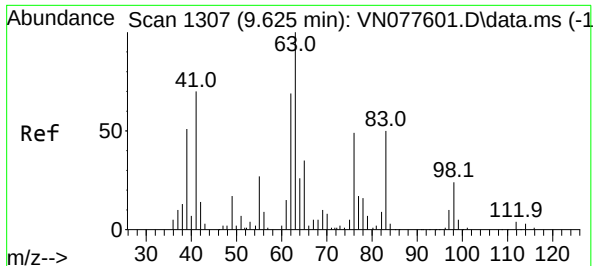
Ion Ratio Lower Upper

83 100

55 66.1 33.6 100.8

98 49.0 25.3 75.8





#39

1,2-Dichloropropane

Concen: 49.364 ug/l

RT: 9.630 min Scan# 1308

Delta R.T. 0.005 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

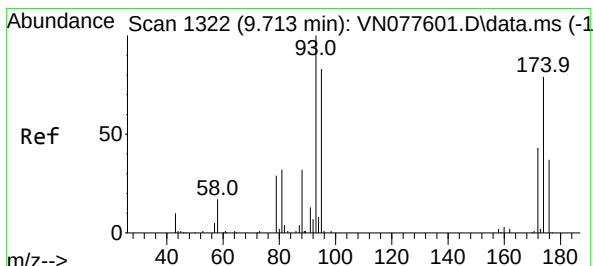
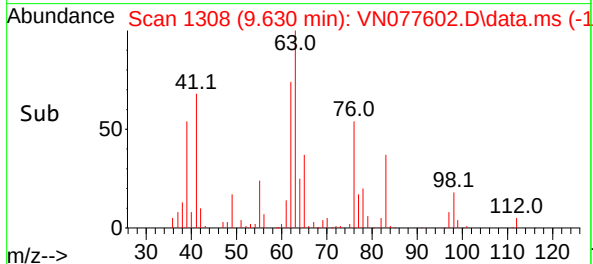
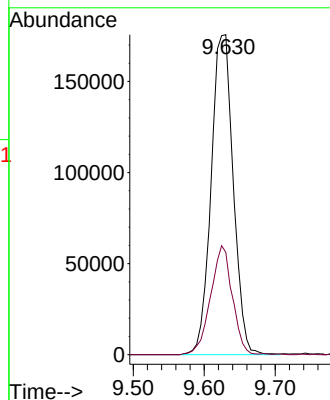
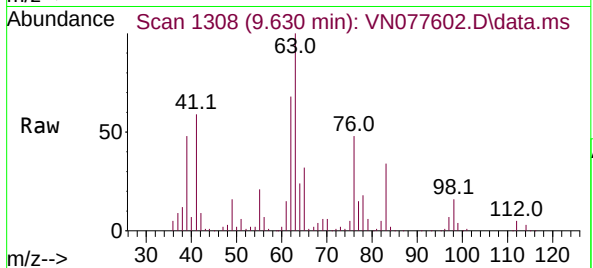
VSTDIC050

Tgt Ion: 63 Resp: 380120

Ion Ratio Lower Upper

63 100

65 32.0 28.2 42.4



#40

Dibromomethane

Concen: 49.184 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

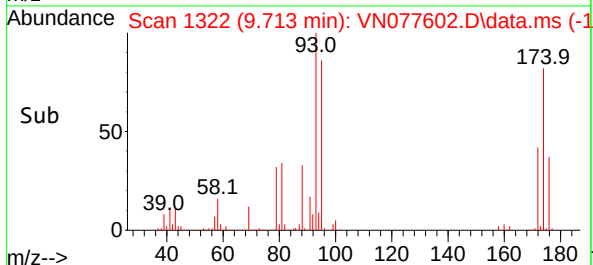
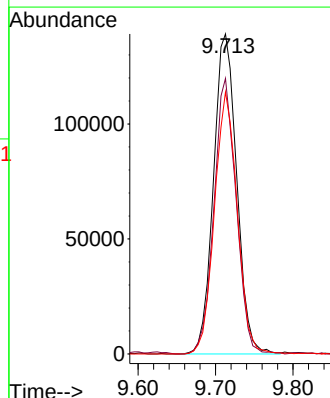
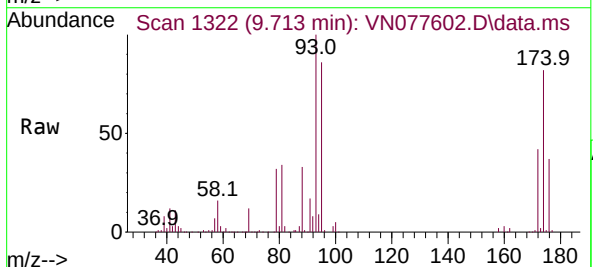
Tgt Ion: 93 Resp: 289745

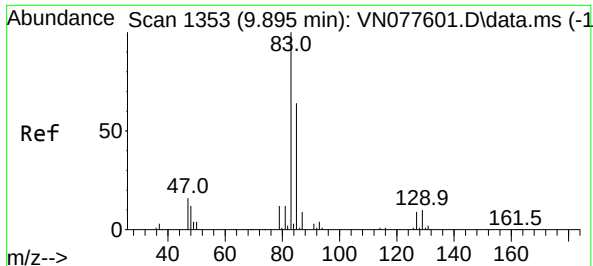
Ion Ratio Lower Upper

93 100

95 82.2 0.0 164.0

174 80.4 0.0 157.0

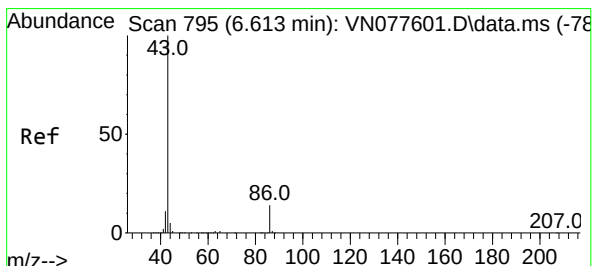
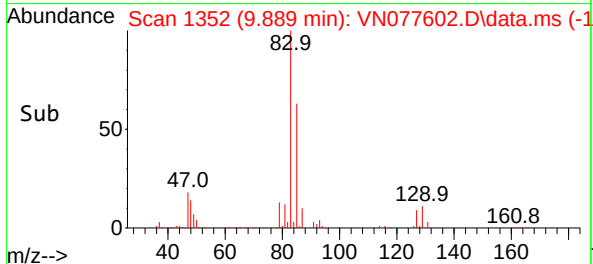
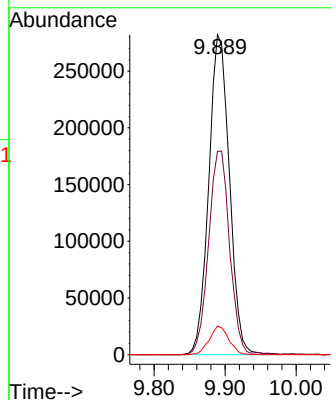
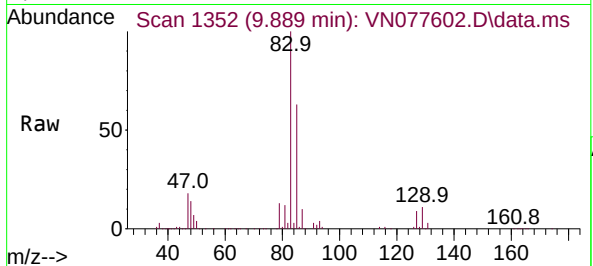




#41
Bromodichloromethane
Concen: 48.900 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

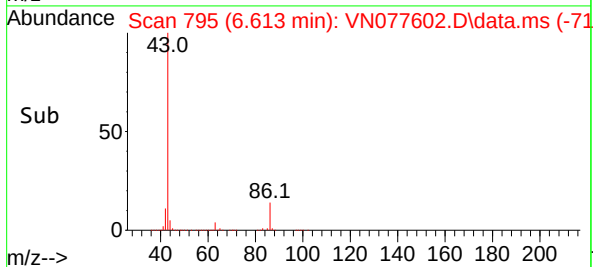
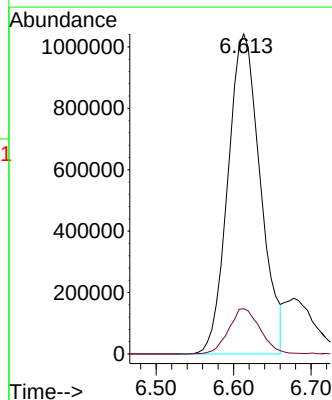
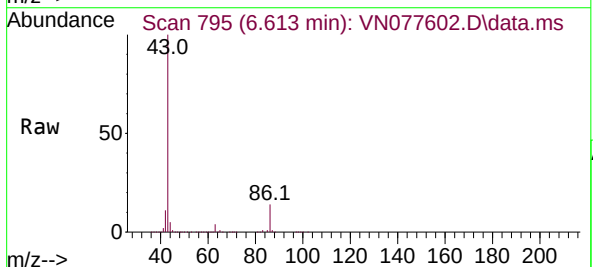
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

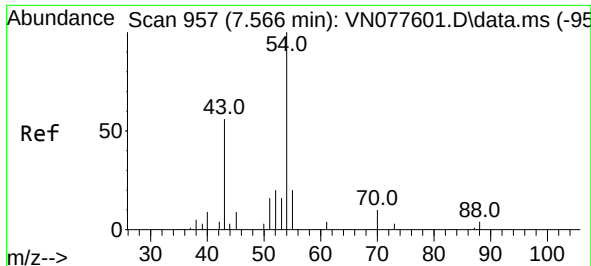
Tgt Ion: 83 Resp: 570624
Ion Ratio Lower Upper
83 100
85 63.5 51.2 76.8
127 9.0 7.3 10.9



#42
Vinyl Acetate
Concen: 245.595 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 43 Resp: 3036388
Ion Ratio Lower Upper
43 100
86 13.8 10.3 15.5

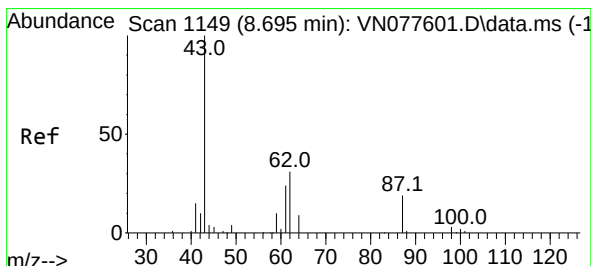
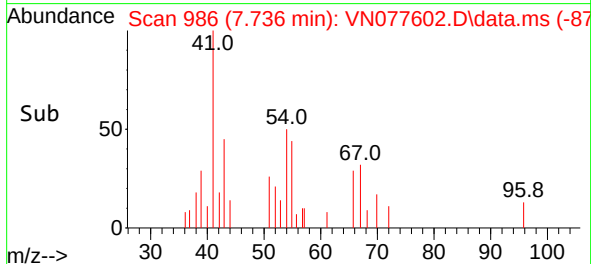
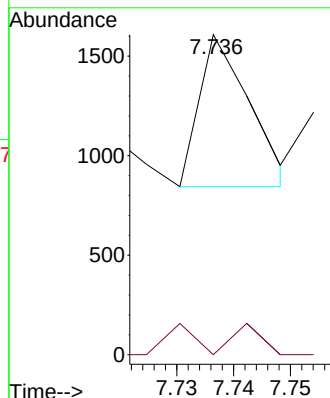
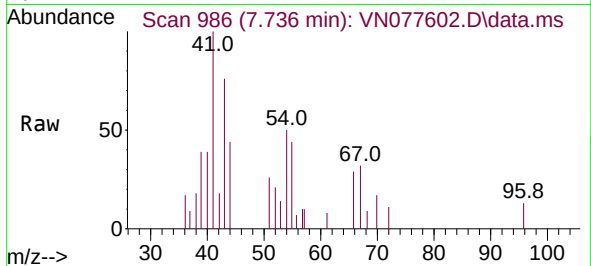




#43
Ethyl Acetate
Concen: 0.053 ug/l
RT: 7.736 min Scan# 91
Delta R.T. 0.170 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

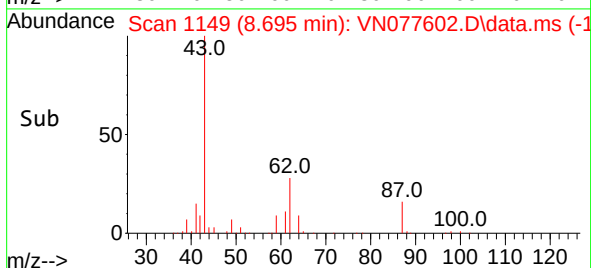
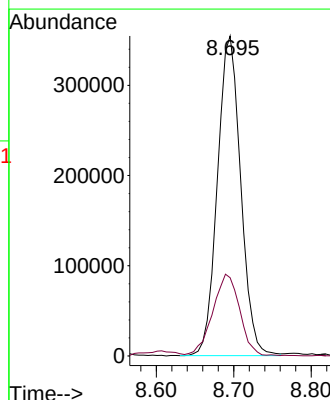
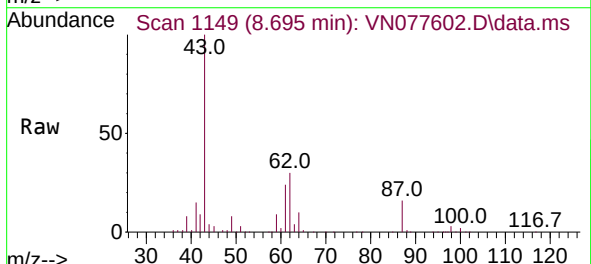
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

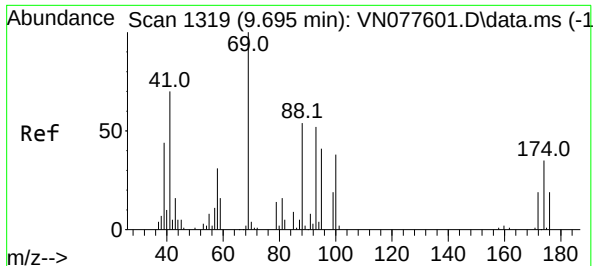
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
45 12.0 8.2 12.4



#44
Isopropyl Acetate
Concen: 49.449 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 43 Resp: 740527
Ion Ratio Lower Upper
43 100
61 29.4 23.2 34.8

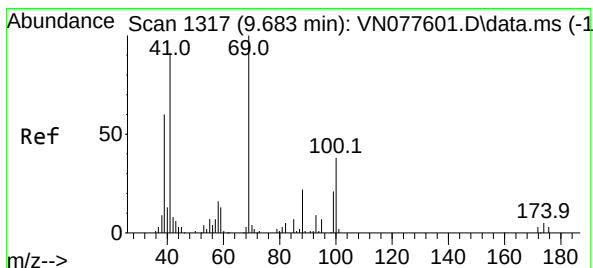
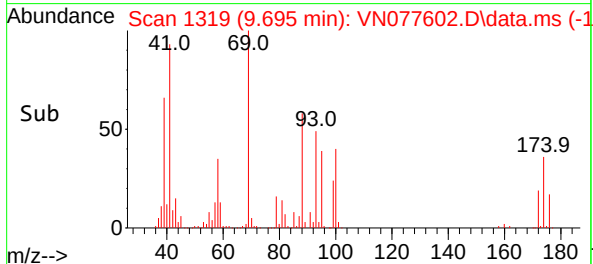
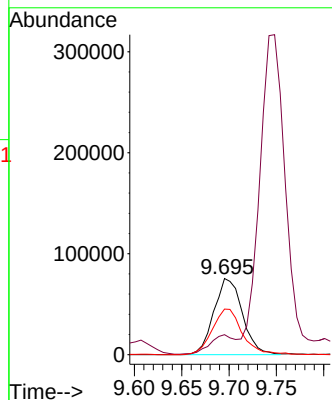
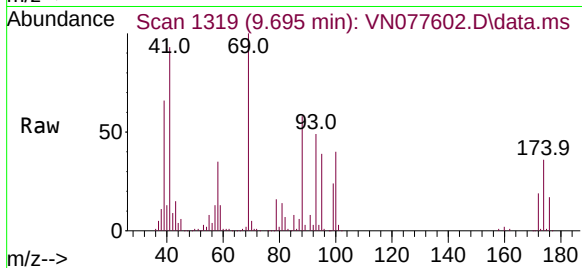




#45
1,4-Dioxane
Concen: 994.999 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

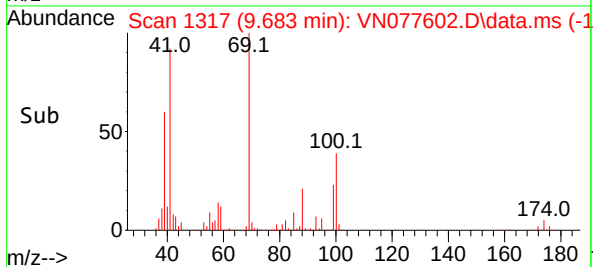
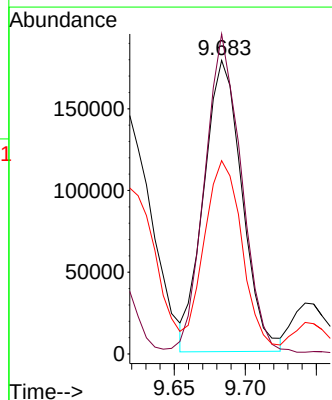
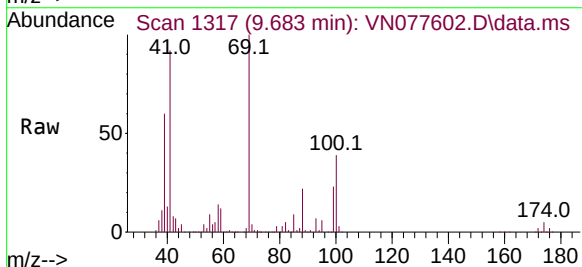
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

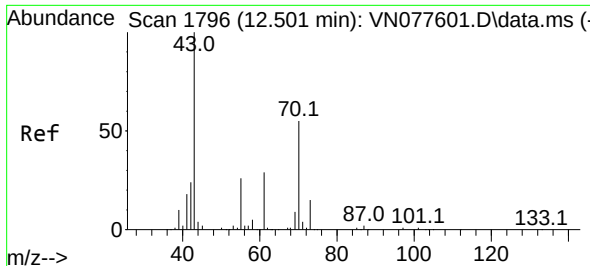
Tgt Ion: 88 Resp: 158433
Ion Ratio Lower Upper
88 100
43 21.6 18.2 27.2
58 62.4 47.5 71.3



#46
Methyl methacrylate
Concen: 48.933 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 41 Resp: 334061
Ion Ratio Lower Upper
41 100
69 113.3 52.0 156.0
39 66.3 33.6 100.6

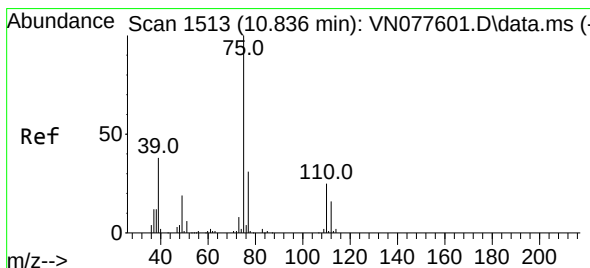
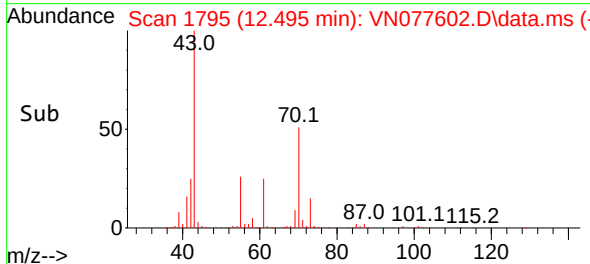
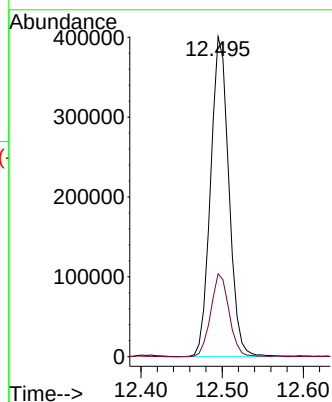
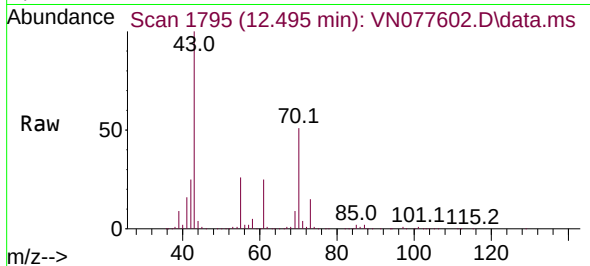




#47
n-amy1 Acetate
Concen: 53.361 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

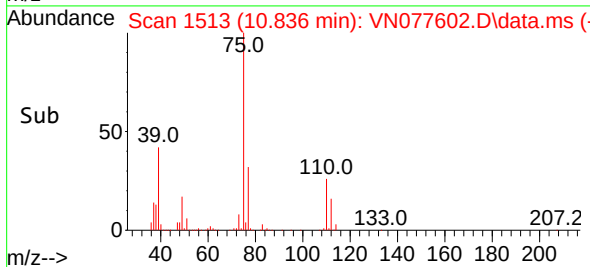
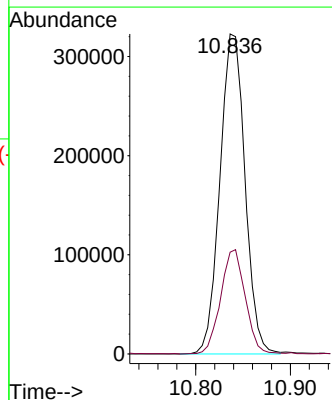
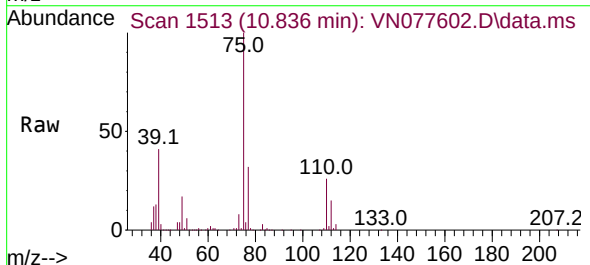
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

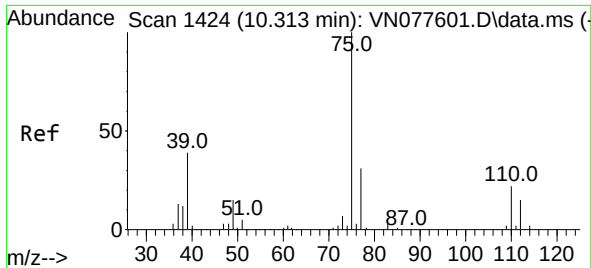
Tgt Ion: 43 Resp: 626352
Ion Ratio Lower Upper
43 100
55 26.0 21.4 32.0



#48
t-1,3-Dichloropropene
Concen: 50.927 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 75 Resp: 594643
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7



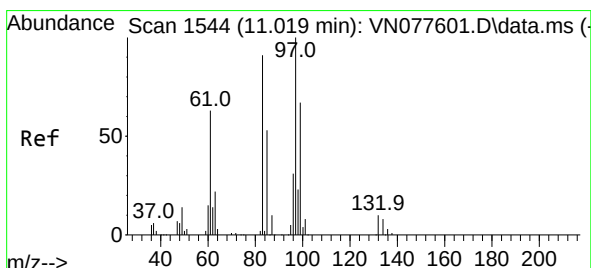
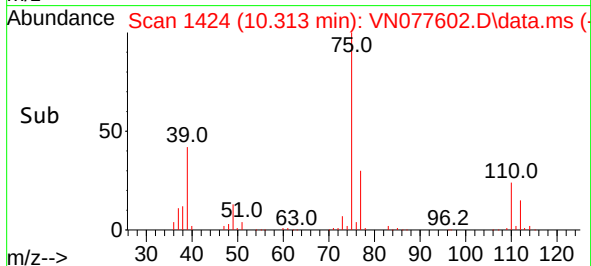
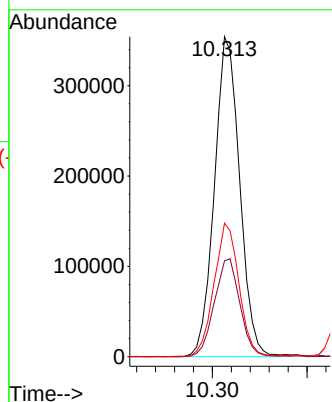
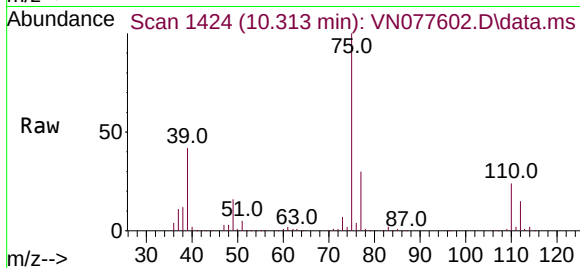


#49
 cis-1,3-Dichloropropene
 Concen: 51.240 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077602.D
 Acq: 05 May 2023 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 75 Resp: 655899

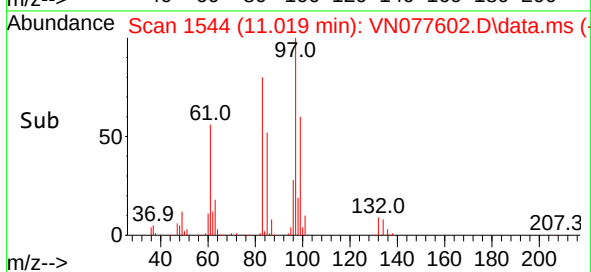
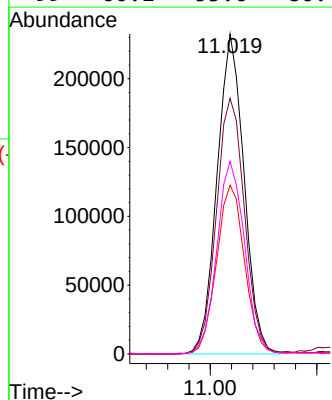
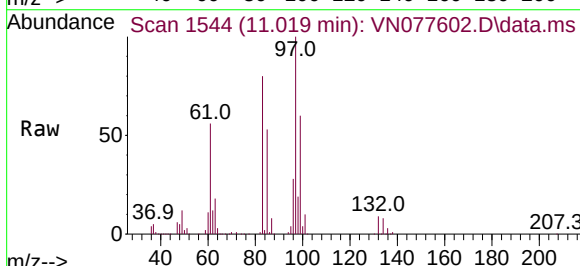
Ion	Ratio	Lower	Upper
75	100		
77	29.9	24.7	37.1
39	41.6	31.0	46.6

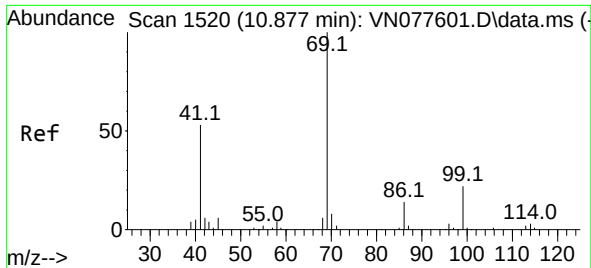


#50
 1,1,2-Trichloroethane
 Concen: 49.236 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077602.D
 Acq: 05 May 2023 20:06

Tgt Ion: 97 Resp: 408836

Ion	Ratio	Lower	Upper
97	100		
83	79.7	72.6	108.8
85	52.6	42.6	63.8
99	60.1	53.6	80.4

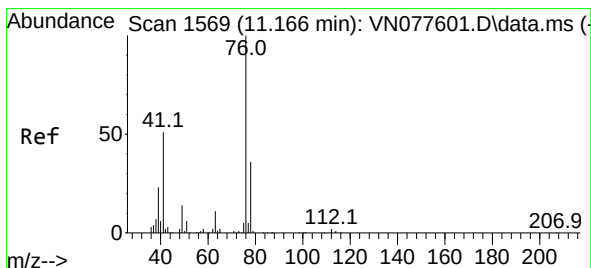
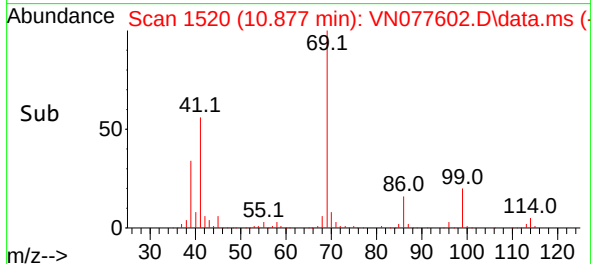
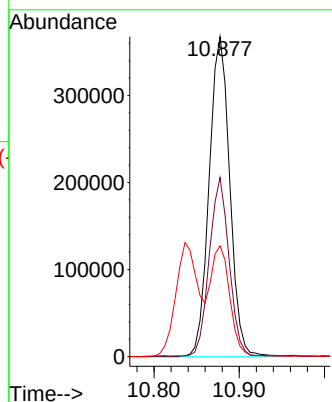
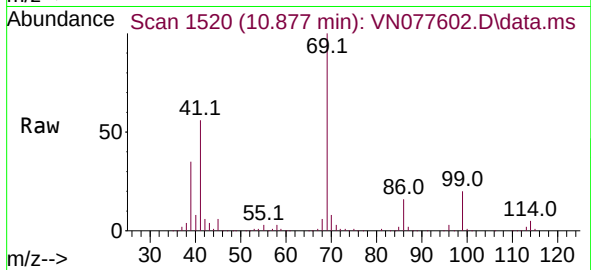




#51
Ethyl methacrylate
Concen: 50.820 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

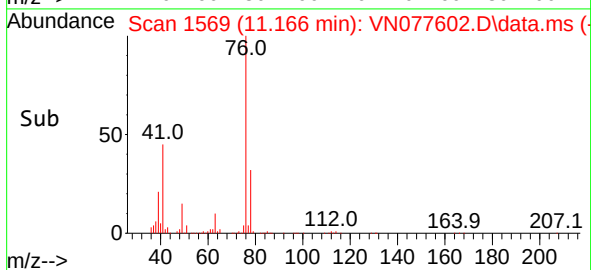
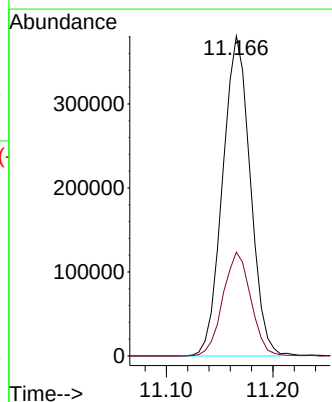
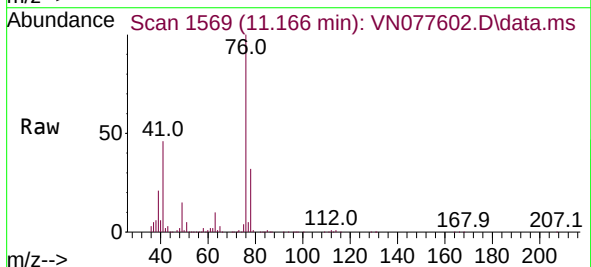
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

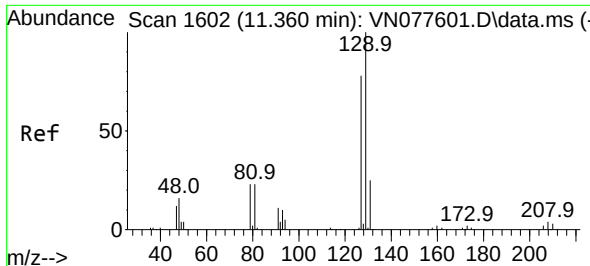
Tgt Ion: 69 Resp: 617961
Ion Ratio Lower Upper
69 100
41 55.8 26.3 78.9
39 34.4 18.1 54.1



#52
1,3-Dichloropropane
Concen: 49.141 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 76 Resp: 685580
Ion Ratio Lower Upper
76 100
78 32.8 0.0 66.4

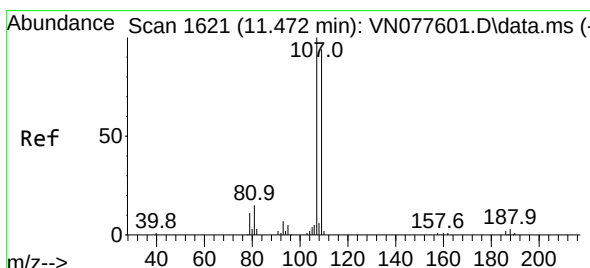
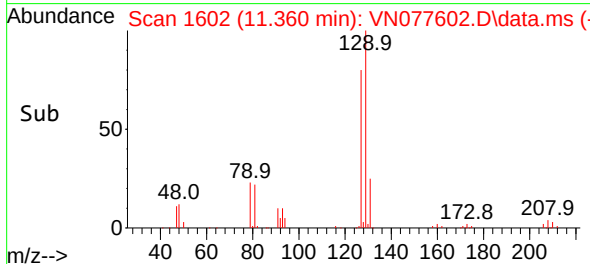
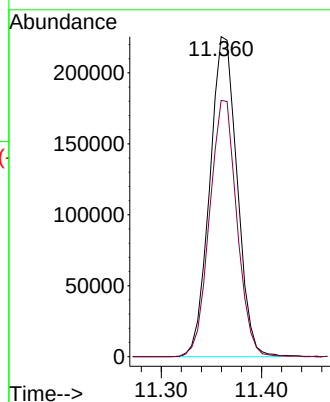
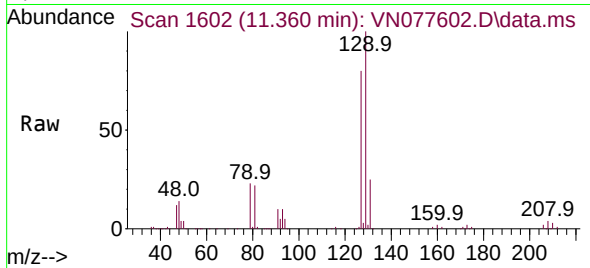




#53
Dibromochloromethane
Concen: 50.550 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

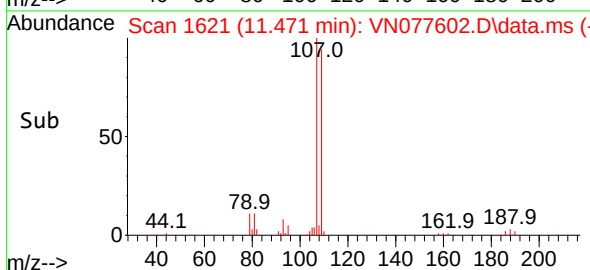
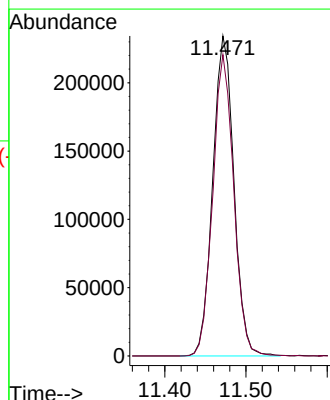
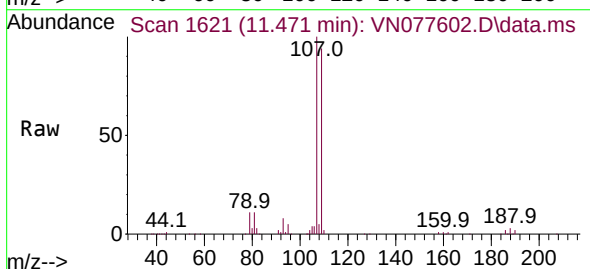
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

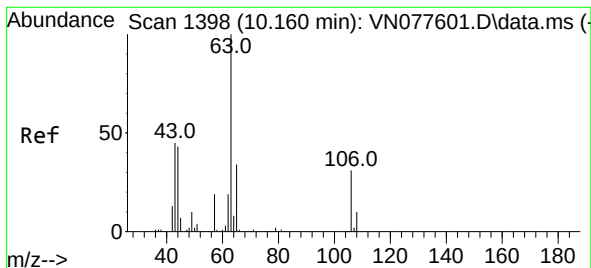
Tgt Ion:129 Resp: 427223
Ion Ratio Lower Upper
129 100
127 79.8 39.4 118.1



#54
1,2-Dibromoethane
Concen: 50.423 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion:107 Resp: 423966
Ion Ratio Lower Upper
107 100
109 93.5 77.4 116.2

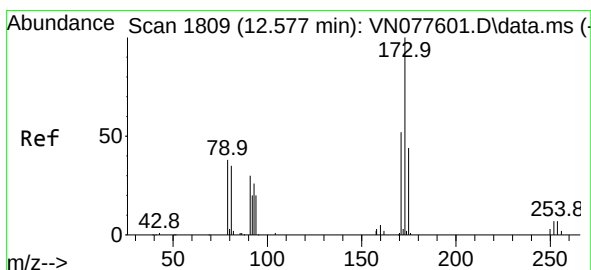
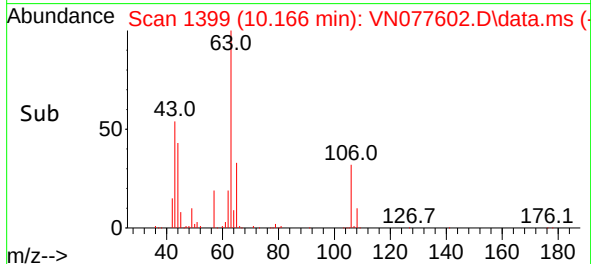
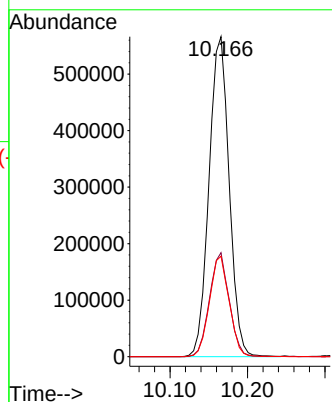
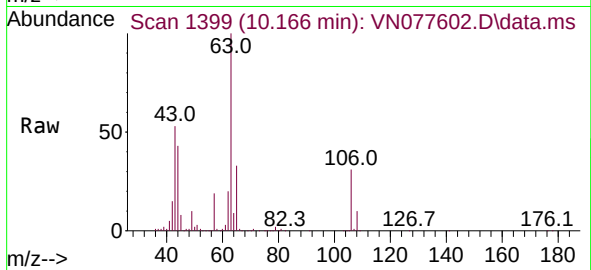




#55
2-Chloroethyl vinyl ether
Concen: 253.055 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

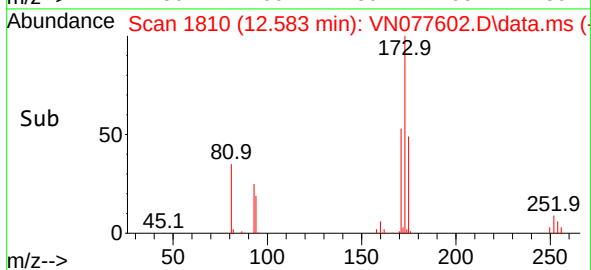
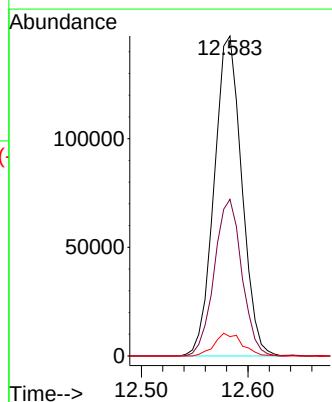
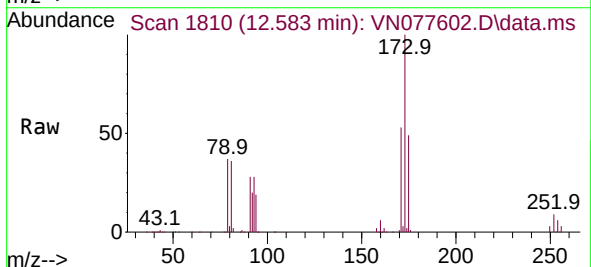
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

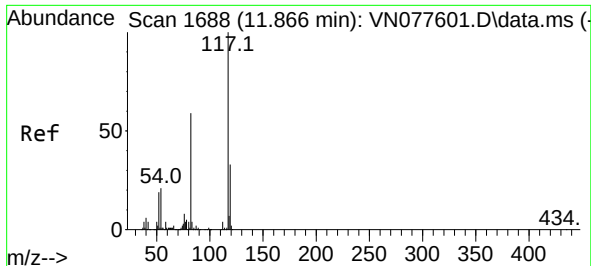
Tgt Ion: 63 Resp: 1021654
Ion Ratio Lower Upper
63 100
65 31.8 26.8 40.2
106 30.8 25.6 38.4



#56
Bromoform
Concen: 52.031 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion:173 Resp: 264840
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.2
254 7.1 5.8 8.6

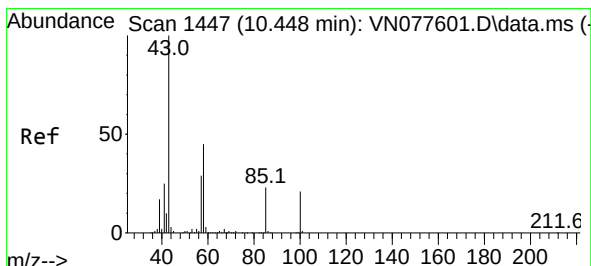
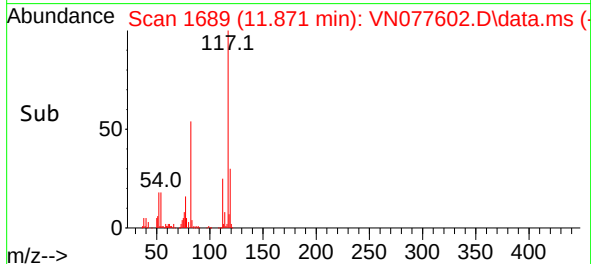
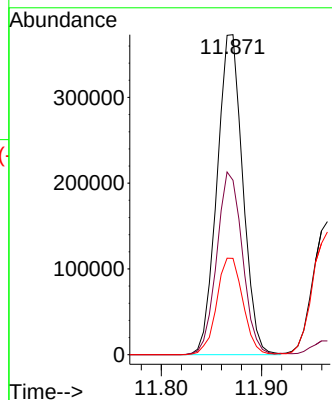
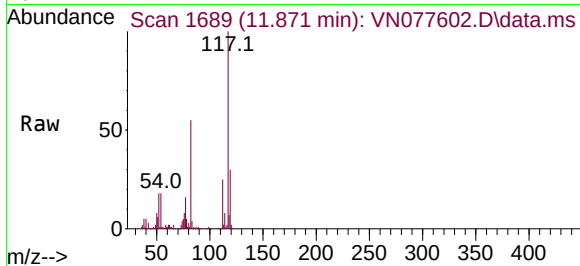




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

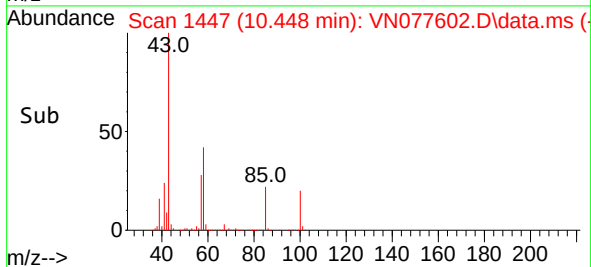
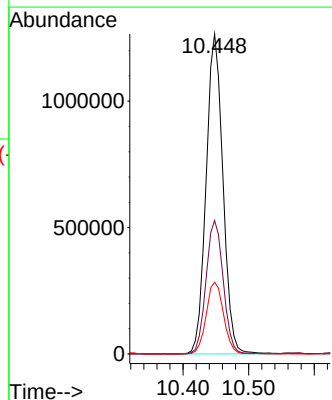
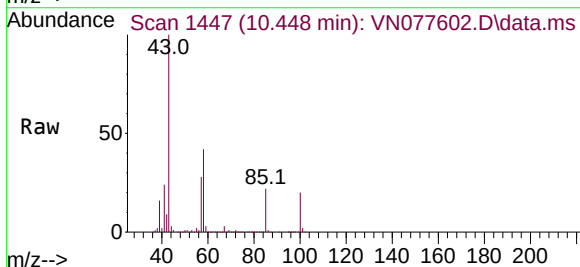
Instrument :
MSVOA_N
ClientSampleId :
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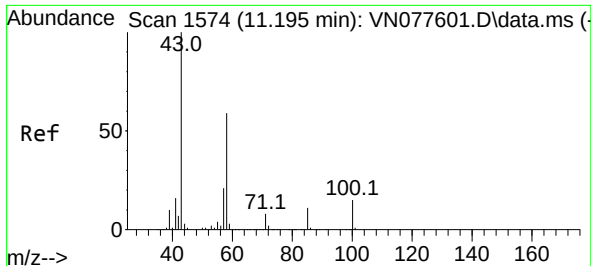
Tgt Ion:117 Resp: 665020
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 30.7 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 243.266 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 43 Resp: 2257095
Ion Ratio Lower Upper
43 100
58 42.8 35.4 53.2
85 23.2 18.2 27.2

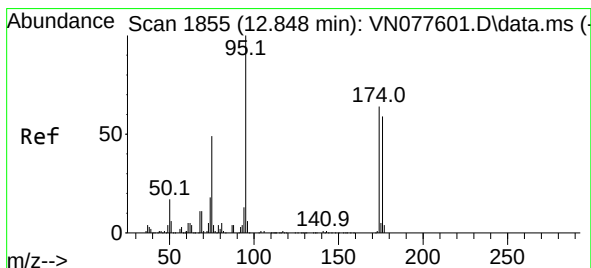
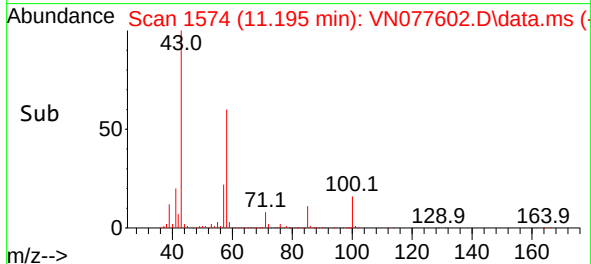
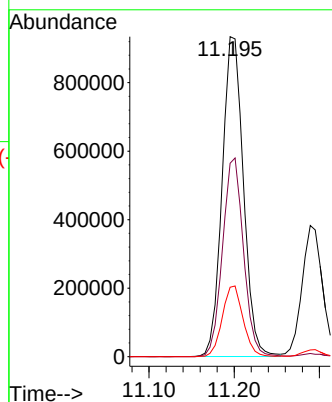
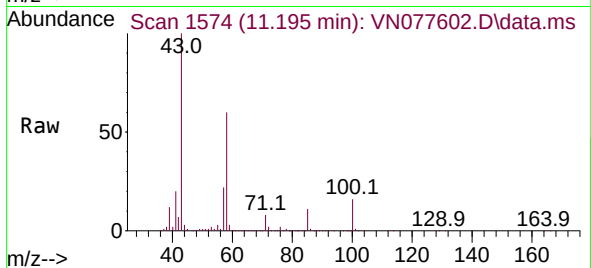




#59
2-Hexanone
Concen: 242.818 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

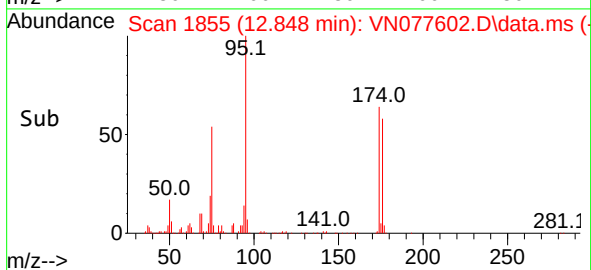
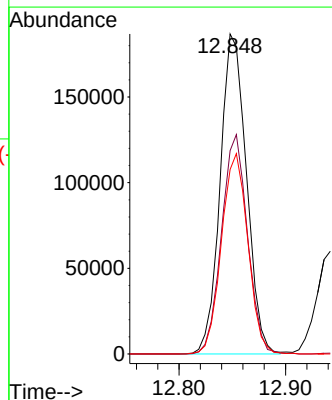
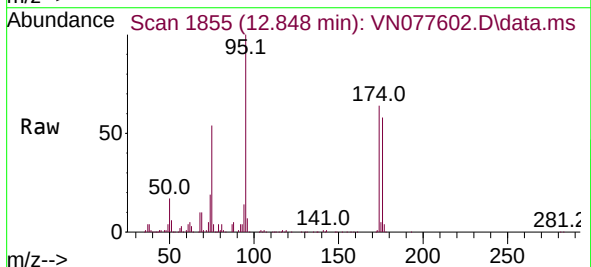
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

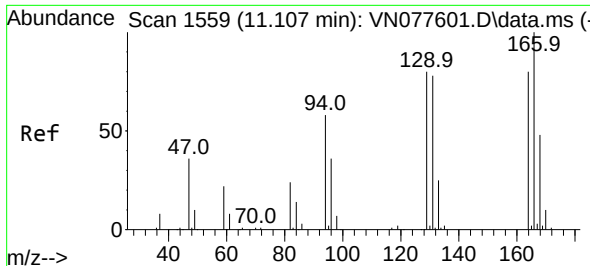
Tgt Ion: 43 Resp: 1626325
Ion Ratio Lower Upper
43 100
58 61.1 48.2 72.2
57 21.7 17.3 25.9



#60
4-Bromofluorobenzene
Concen: 30.342 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 95 Resp: 320230
Ion Ratio Lower Upper
95 100
174 67.5 53.4 80.0
176 62.9 50.0 75.0

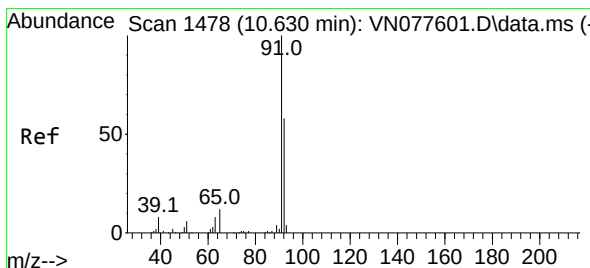
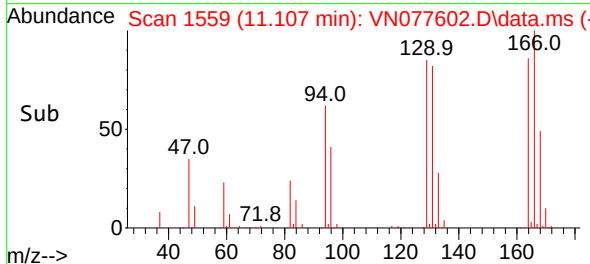
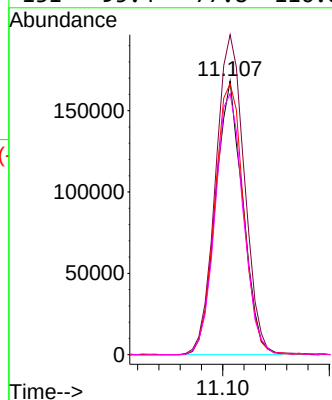
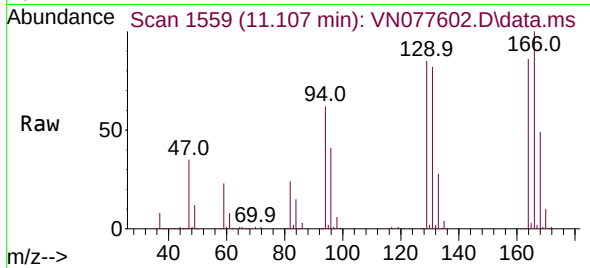




#61
Tetrachloroethene
Concen: 48.697 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

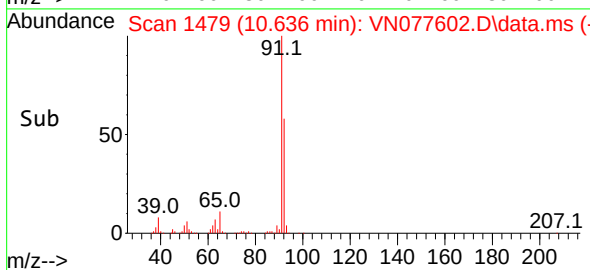
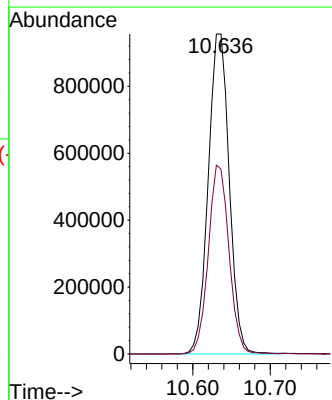
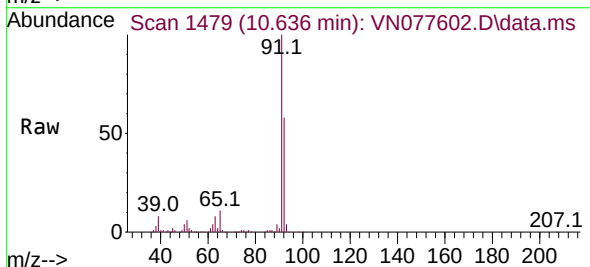
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

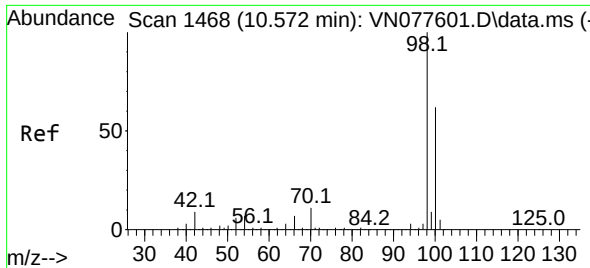
Tgt Ion:164 Resp: 299333
Ion Ratio Lower Upper
164 100
166 116.9 100.5 150.7
129 98.9 80.6 120.8
131 95.4 77.8 116.8



#62
Toluene
Concen: 48.170 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 91 Resp: 1801226
Ion Ratio Lower Upper
91 100
92 58.0 47.0 70.6

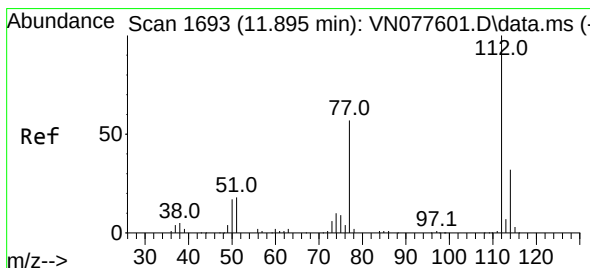
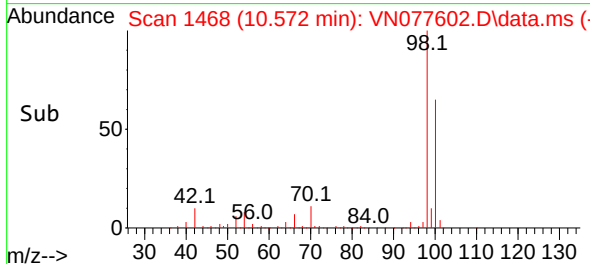
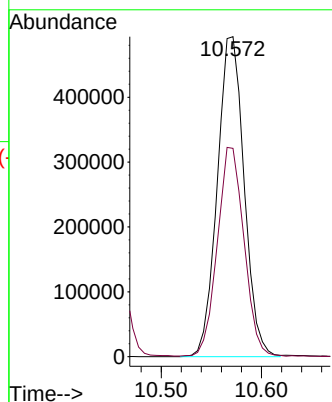
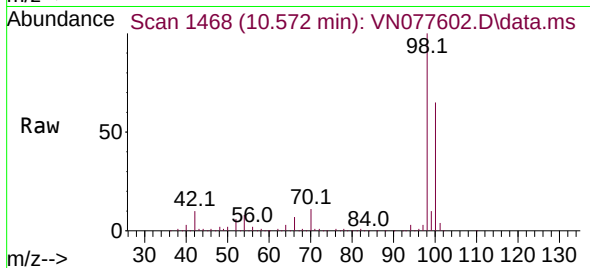




#63
Toluene-d8
Concen: 29.275 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

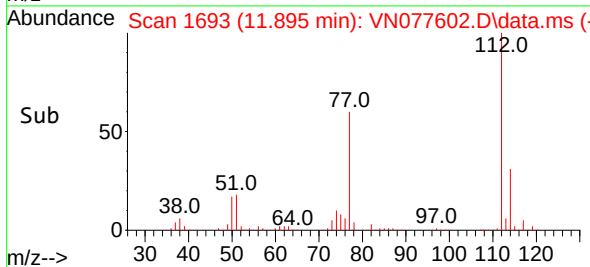
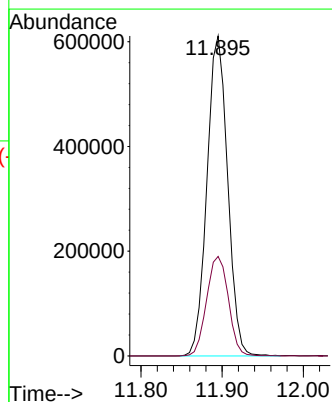
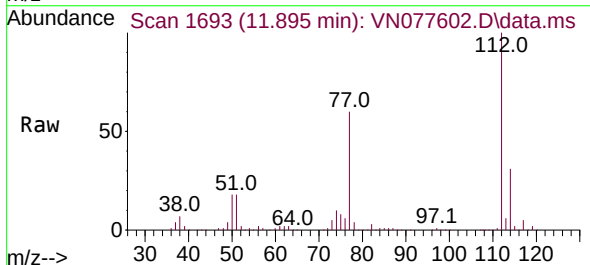
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

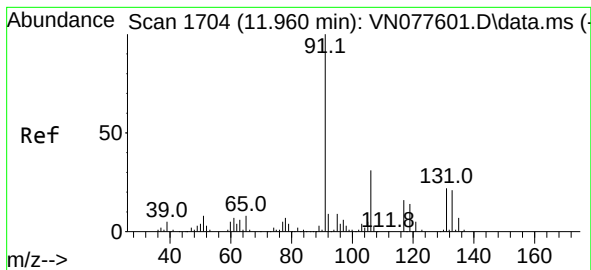
Tgt Ion: 98 Resp: 917688
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#64
Chlorobenzene
Concen: 48.742 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 112 Resp: 1080702
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 49.225 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

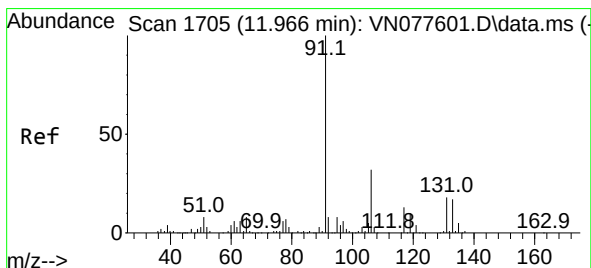
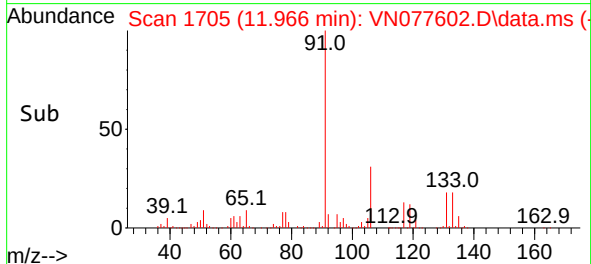
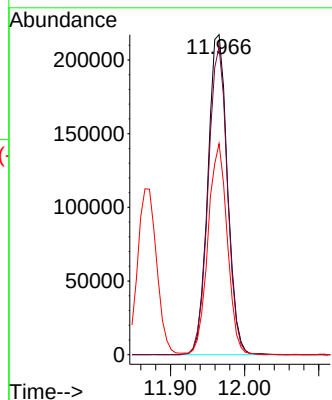
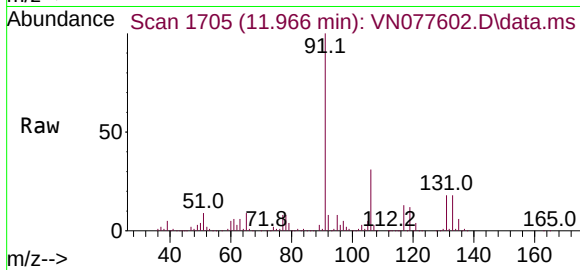
Tgt Ion:131 Resp: 398668

Ion Ratio Lower Upper

131 100

133 94.5 0.0 181.2

119 64.7 0.0 125.0



#66

Ethyl Benzene

Concen: 49.371 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077602.D

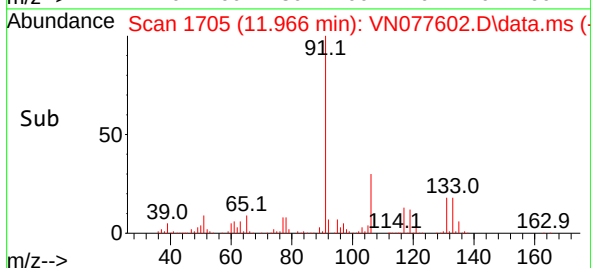
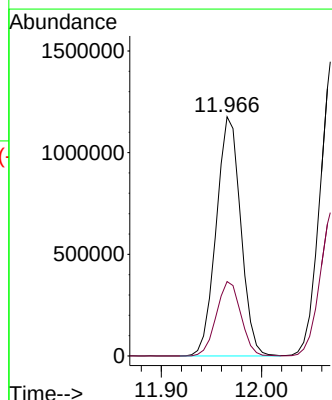
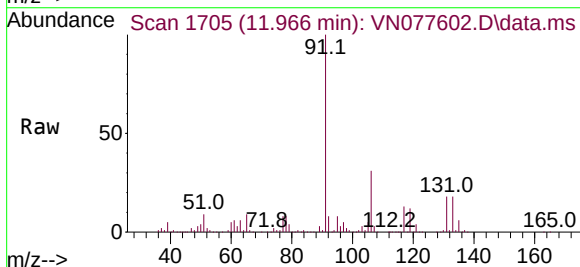
Acq: 05 May 2023 20:06

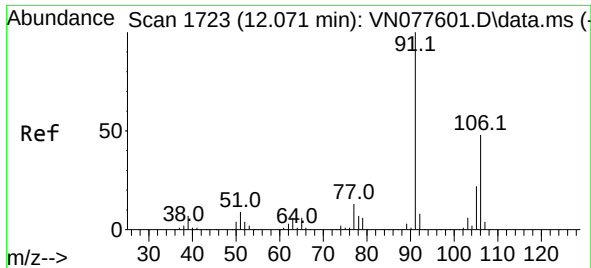
Tgt Ion: 91 Resp: 1996574

Ion Ratio Lower Upper

91 100

106 31.1 25.7 38.5

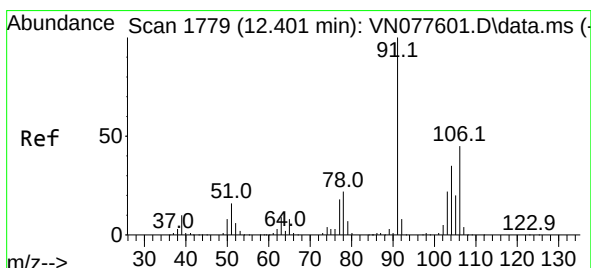
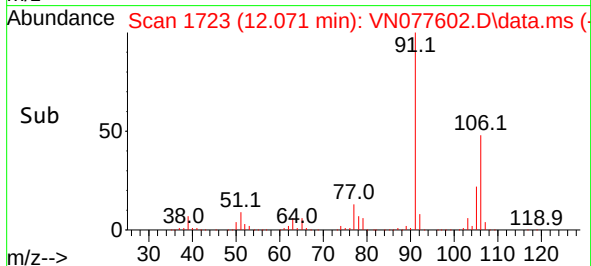
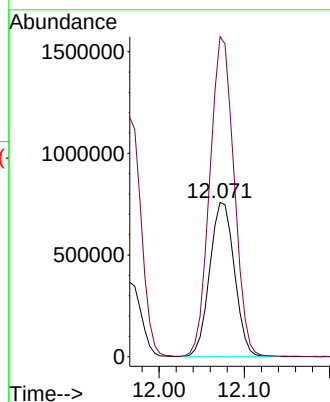
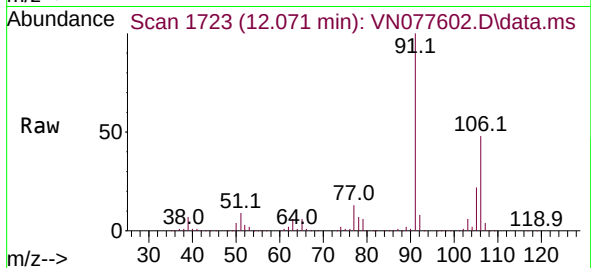




#67
m/p-Xylenes
Concen: 98.860 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

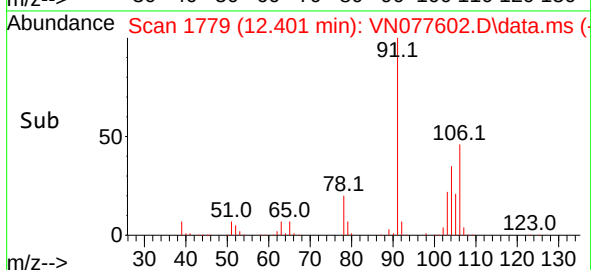
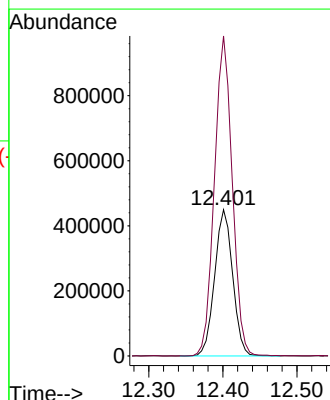
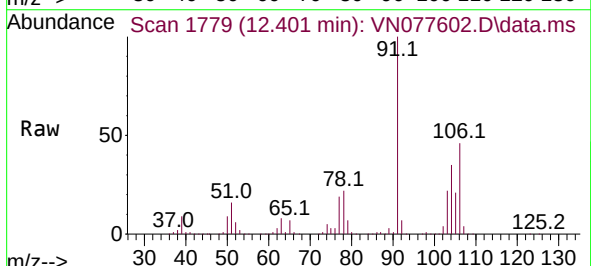
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

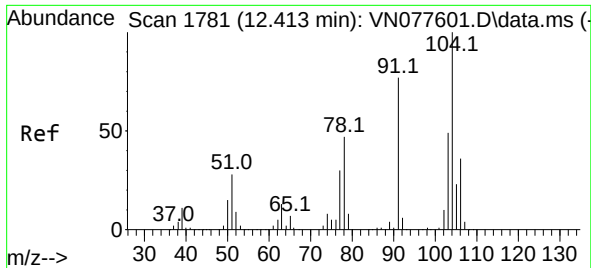
Tgt Ion:106 Resp: 1524376
Ion Ratio Lower Upper
106 100
91 204.9 162.6 244.0



#68
o-Xylene
Concen: 49.513 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion:106 Resp: 759797
Ion Ratio Lower Upper
106 100
91 216.6 109.5 328.4

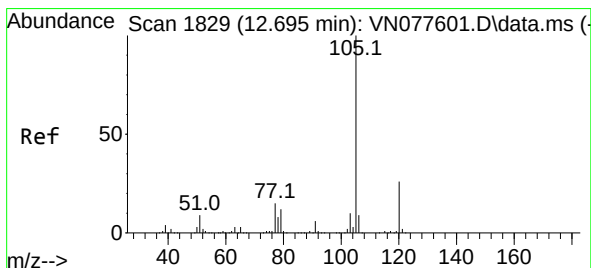
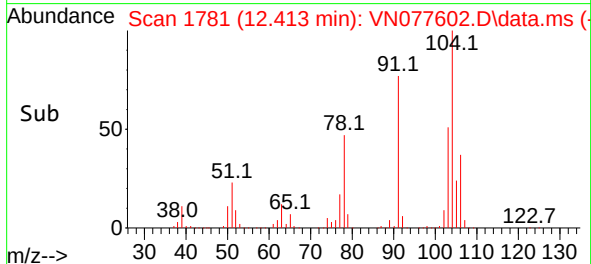
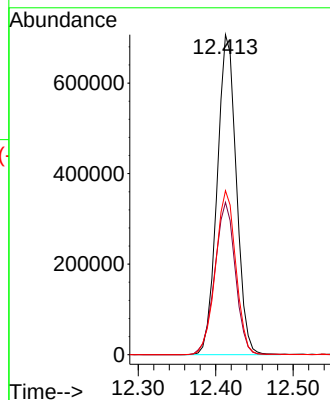
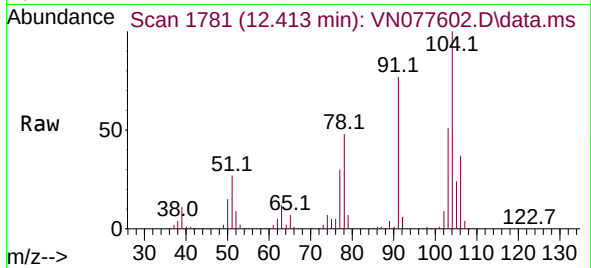




#69
Styrene
Concen: 50.418 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

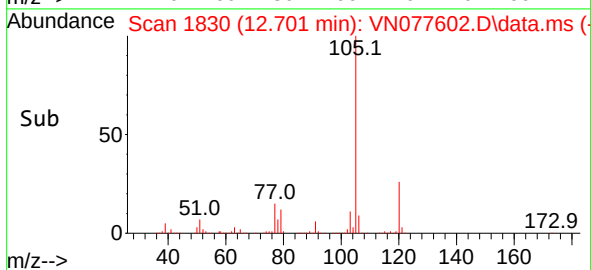
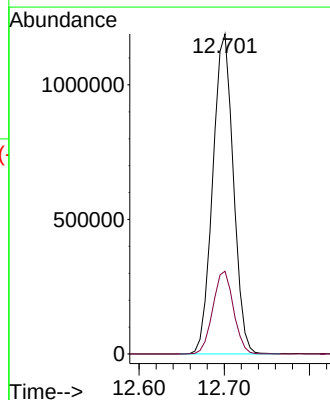
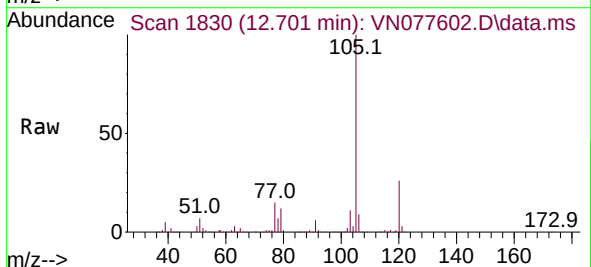
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

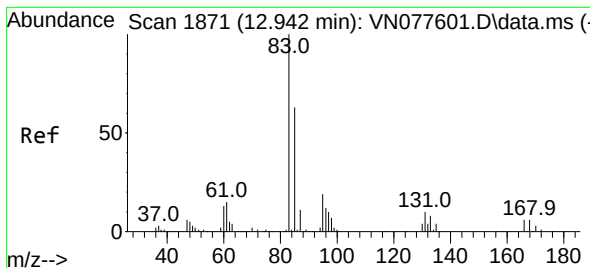
Tgt Ion:104 Resp: 1218114
Ion Ratio Lower Upper
104 100
78 50.9 41.3 61.9
103 54.3 44.0 66.0



#70
Isopropylbenzene
Concen: 50.569 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion:105 Resp: 1997840
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3

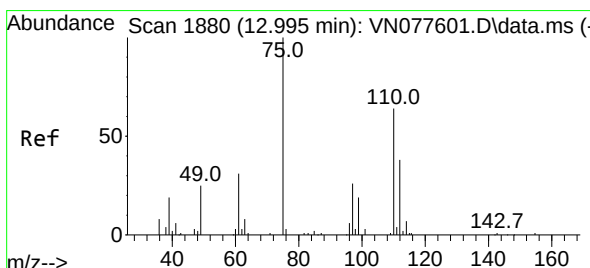
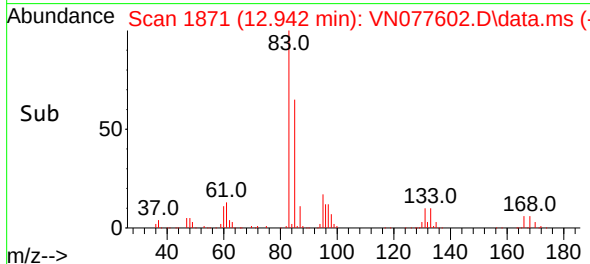
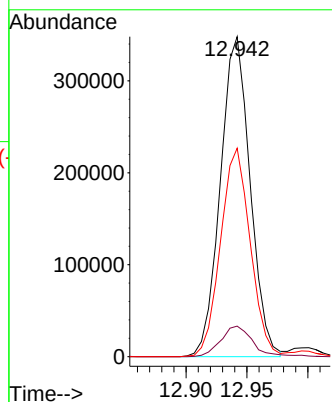
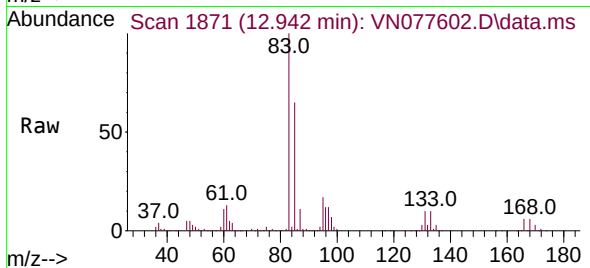




#71
1,1,2,2-Tetrachloroethane
Concen: 48.183 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

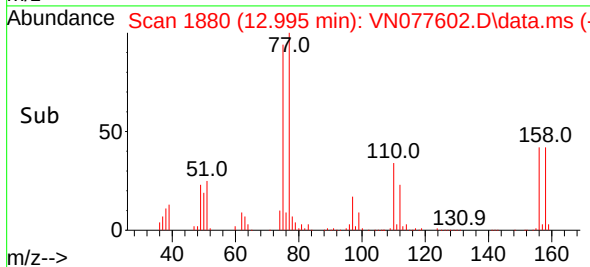
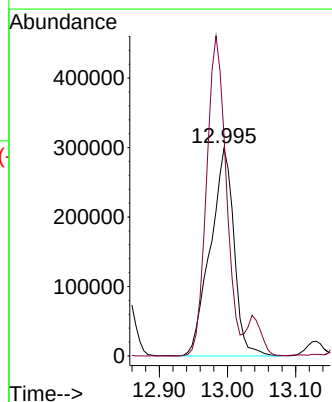
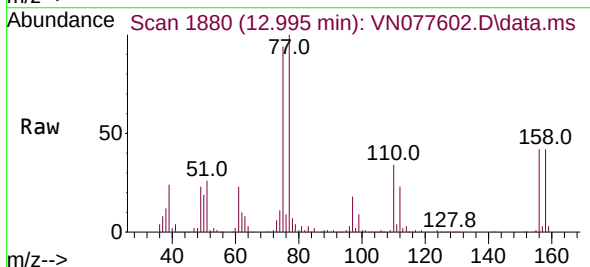
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

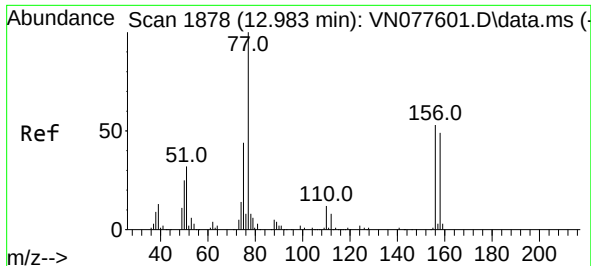
Tgt Ion: 83 Resp: 591955
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 64.9 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 68.479 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 75 Resp: 724395
Ion Ratio Lower Upper
75 100
77 126.7 0.0 354.6

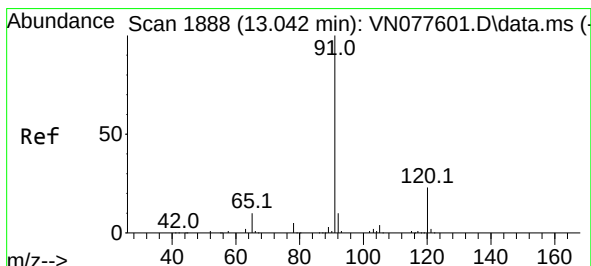
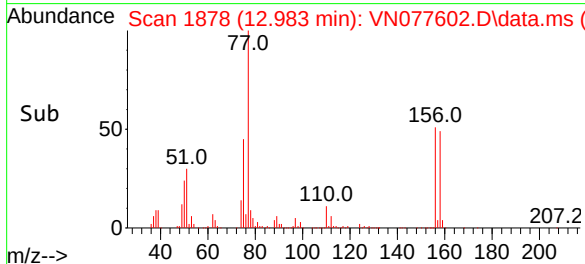
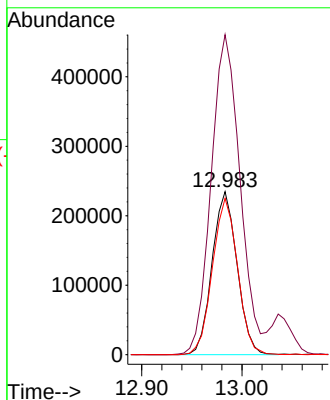
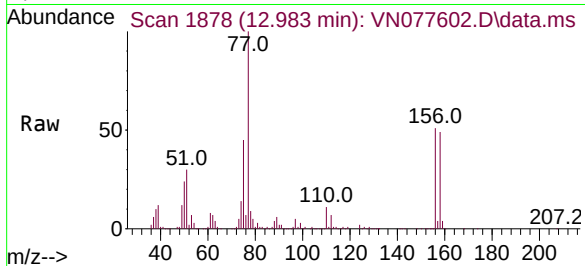




#73
Bromobenzene
Concen: 49.737 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

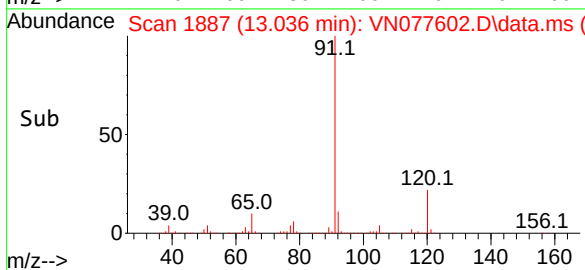
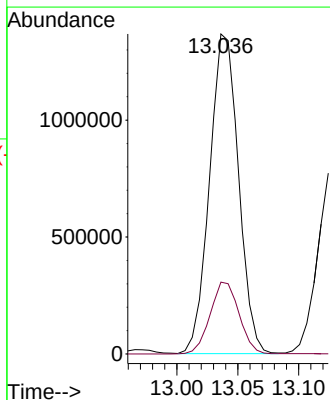
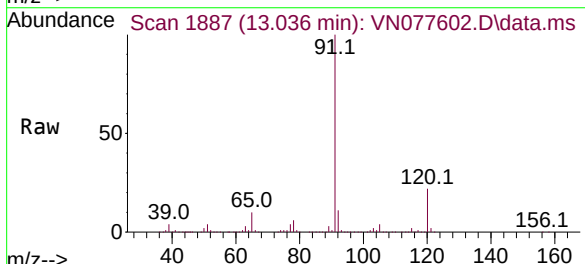
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

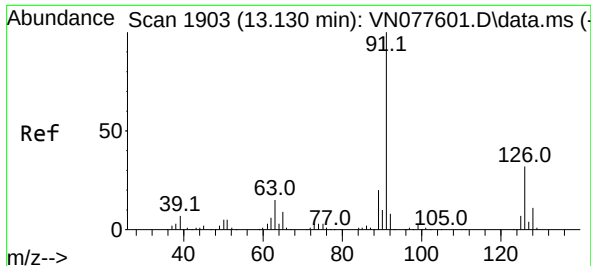
Tgt Ion:156 Resp: 405606
Ion Ratio Lower Upper
156 100
77 226.3 0.0 466.4
158 96.5 0.0 196.2



#74
n-propylbenzene
Concen: 51.647 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 91 Resp: 2264325
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.6

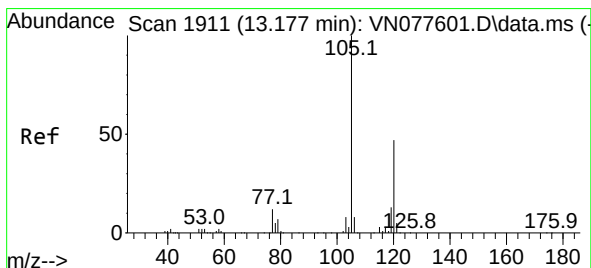
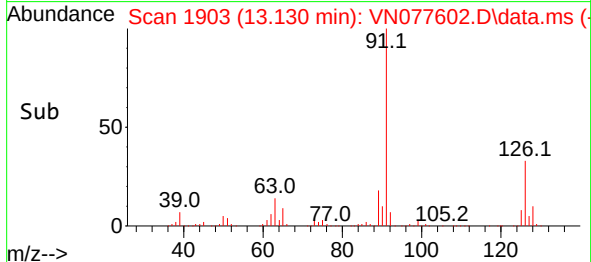
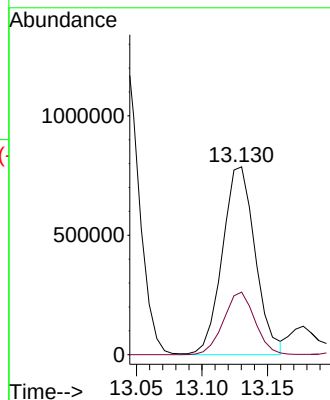
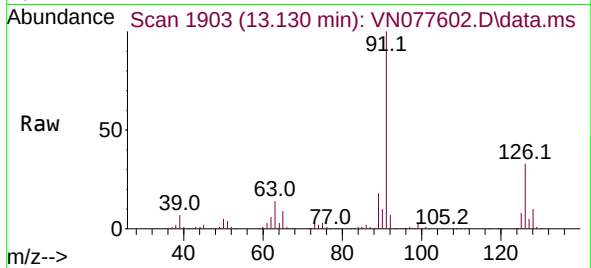




#75
2-Chlorotoluene
Concen: 50.325 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

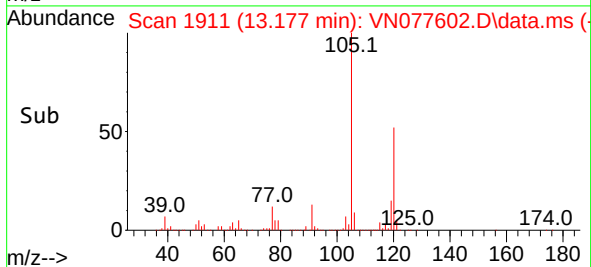
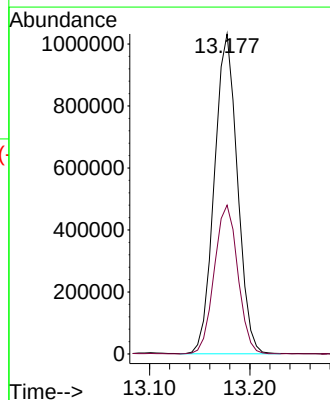
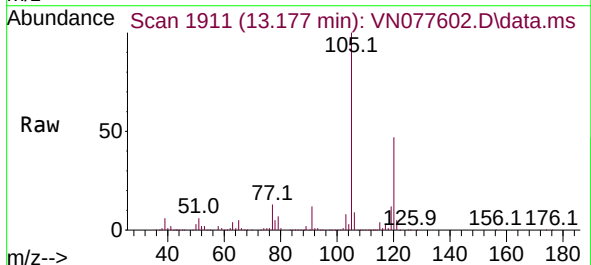
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

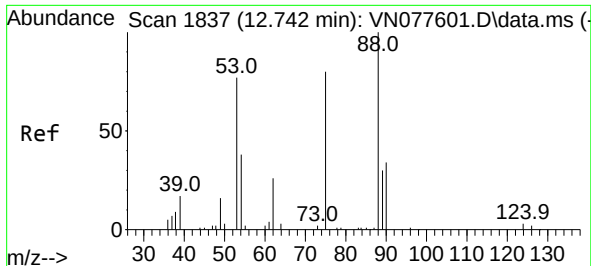
Tgt Ion: 91 Resp: 1373429
Ion Ratio Lower Upper
91 100
126 31.8 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 53.712 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion:105 Resp: 1642961
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.2

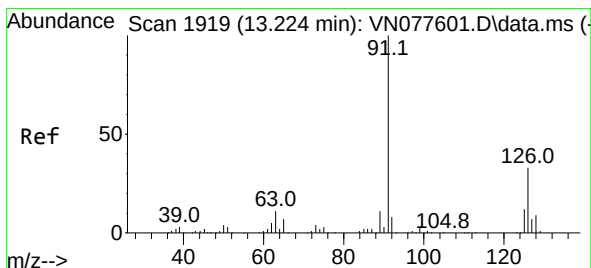
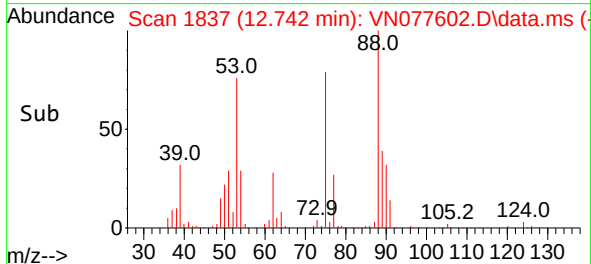
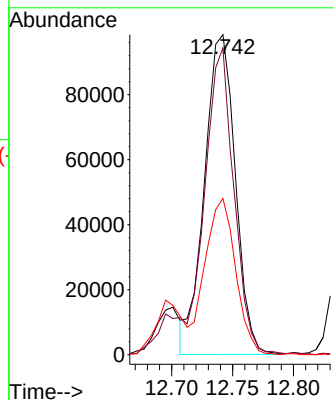
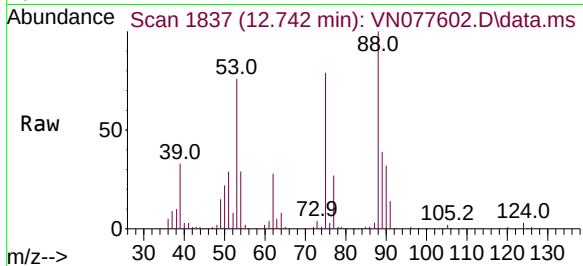




#77
t-1,4-Dichloro-2-butene
Concen: 54.107 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

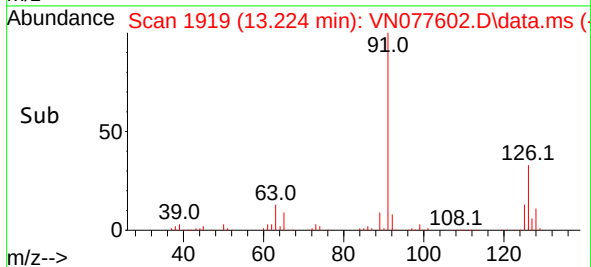
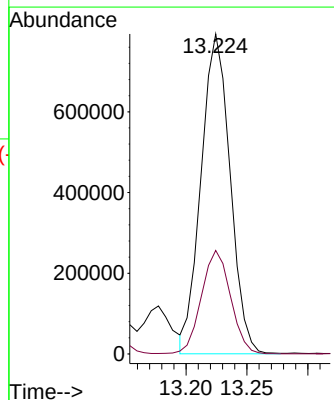
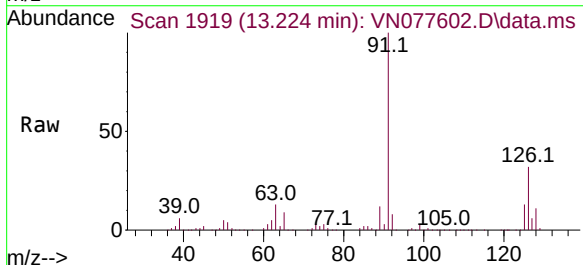
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

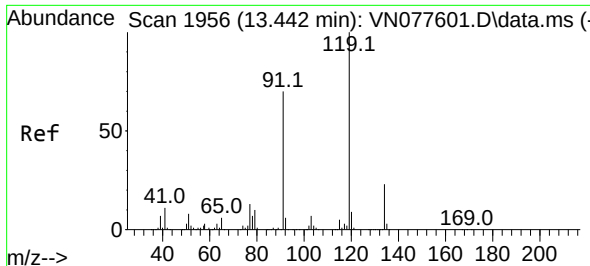
Tgt Ion: 75 Resp: 173456
Ion Ratio Lower Upper
75 100
53 95.6 46.9 140.7
89 49.0 21.0 63.0



#78
4-Chlorotoluene
Concen: 51.020 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 91 Resp: 1316825
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.6

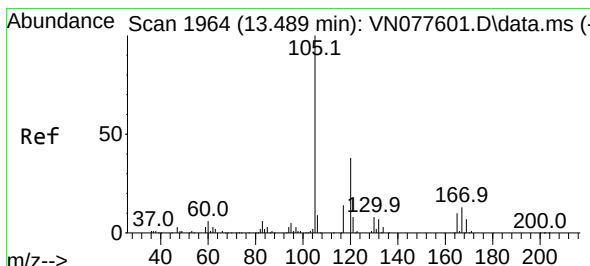
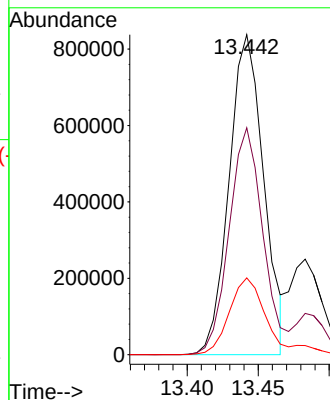
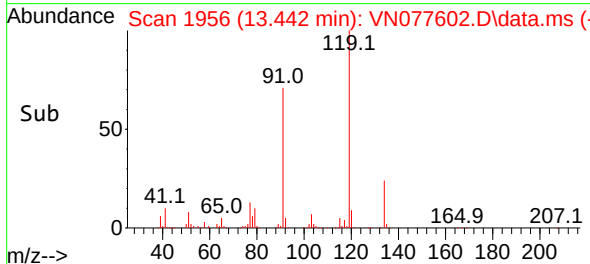
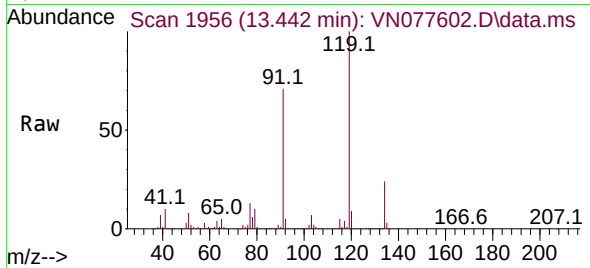




#79
tert-butylbenzene
Concen: 50.377 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

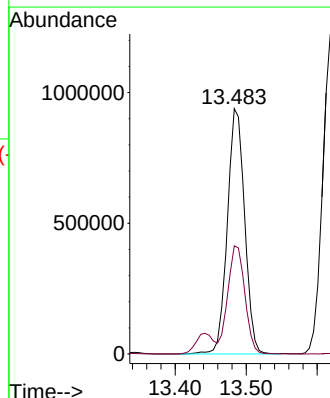
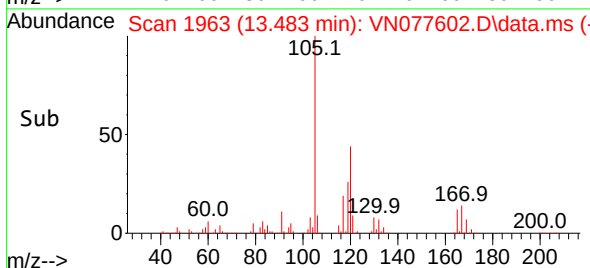
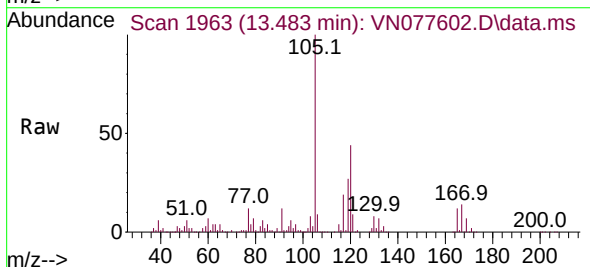
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

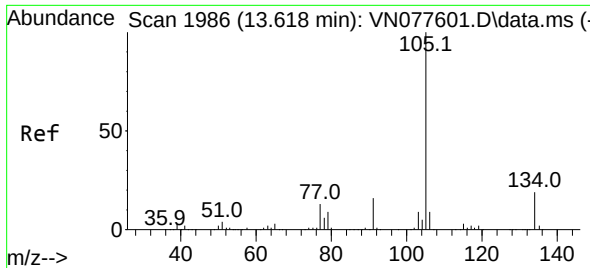
Tgt Ion:119 Resp: 1418522
Ion Ratio Lower Upper
119 100
91 69.9 0.0 141.6
134 24.4 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 55.767 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion:105 Resp: 1588113
Ion Ratio Lower Upper
105 100
120 43.3 0.0 88.0

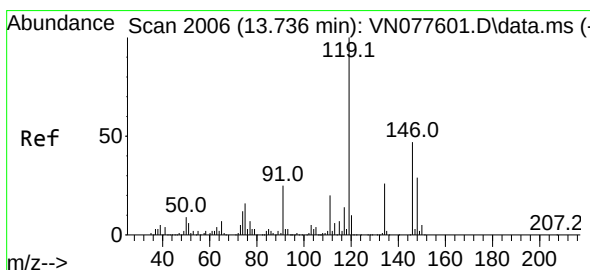
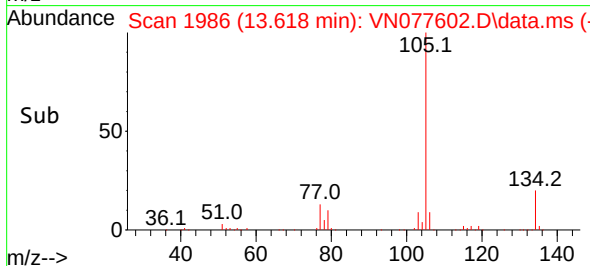
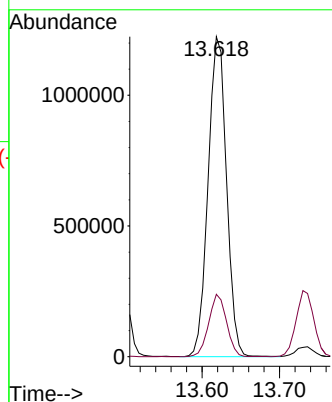
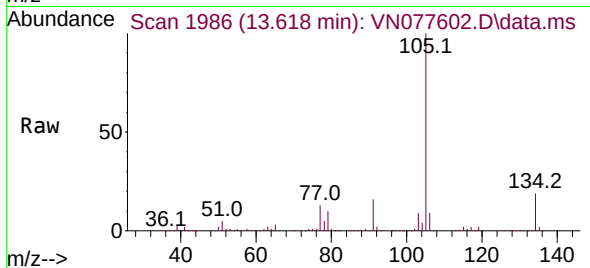




#81
 sec-Butylbenzene
 Concen: 51.714 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077602.D
 Acq: 05 May 2023 20:06

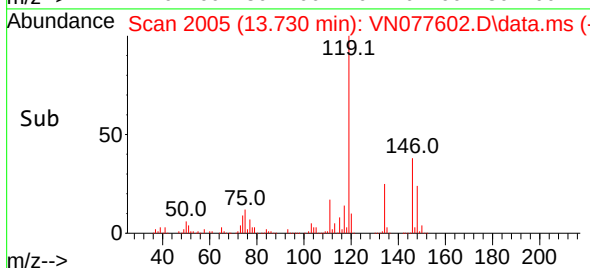
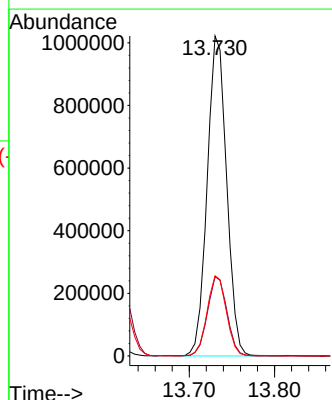
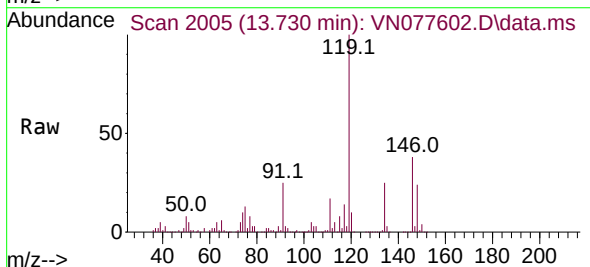
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

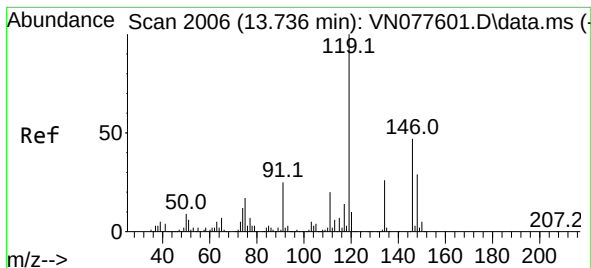
Tgt Ion:105 Resp: 2021350
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 53.728 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077602.D
 Acq: 05 May 2023 20:06

Tgt Ion:119 Resp: 1614305
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 52.2
 91 24.8 0.0 51.2





#83

1,3-Dichlorobenzene

Concen: 51.357 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

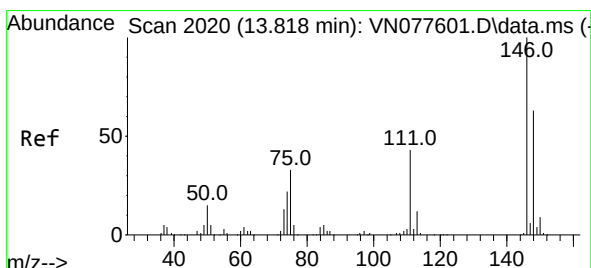
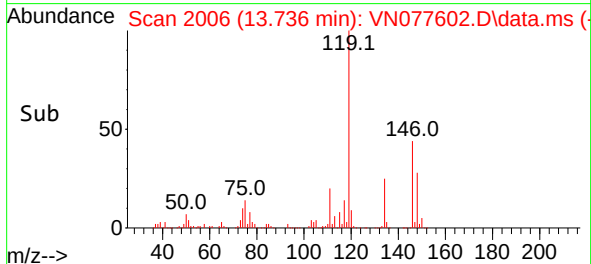
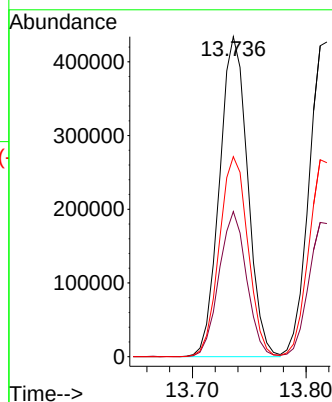
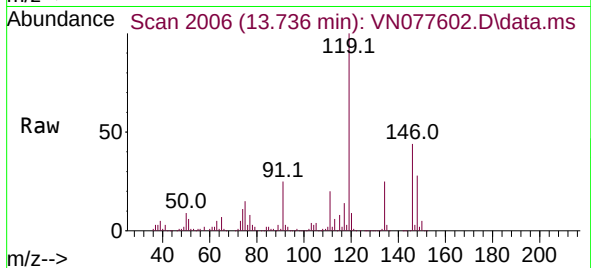
Tgt Ion:146 Resp: 748345

Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.1

148 63.6 32.5 97.4



#84

1,4-Dichlorobenzene

Concen: 51.642 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

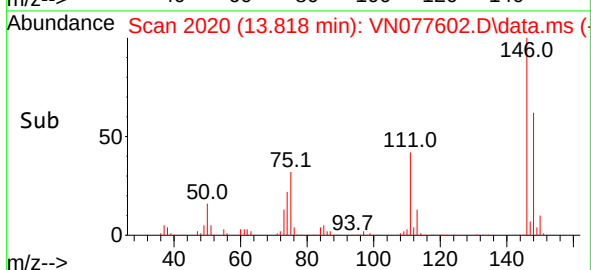
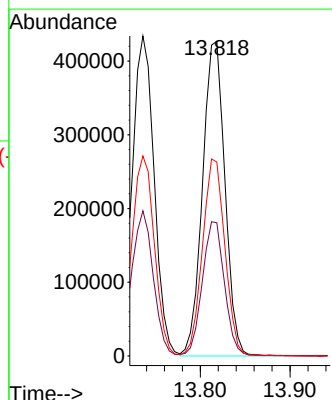
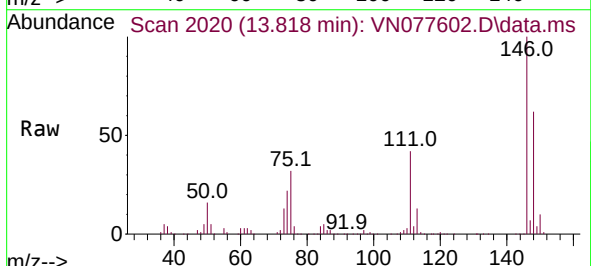
Tgt Ion:146 Resp: 740253

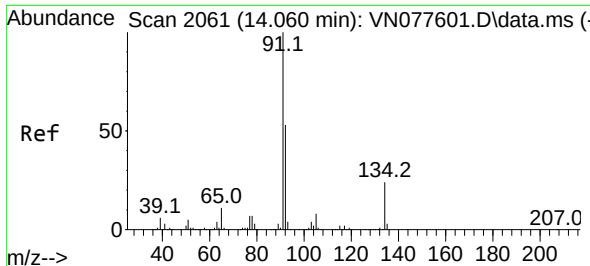
Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.4

148 62.8 31.1 93.5

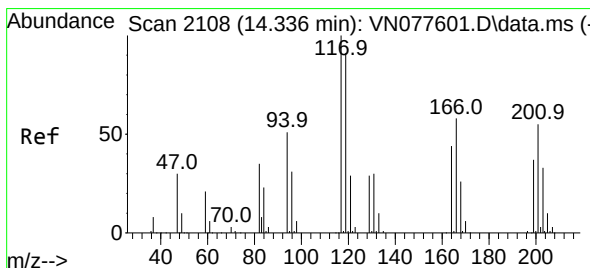
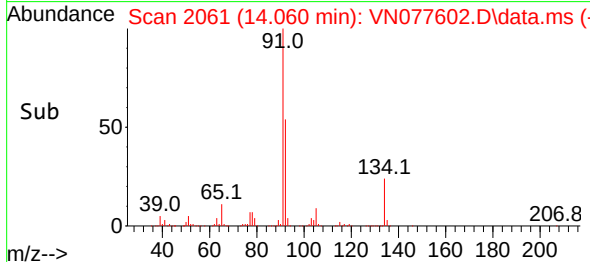
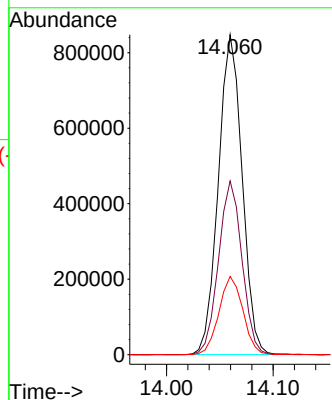
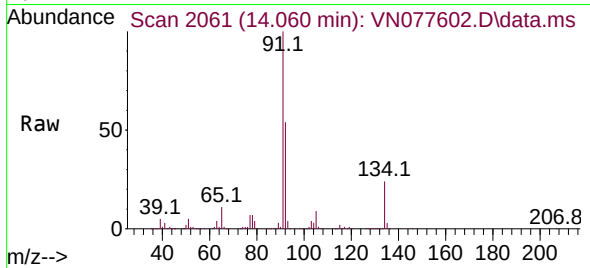




#85
n-Butylbenzene
Concen: 55.575 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

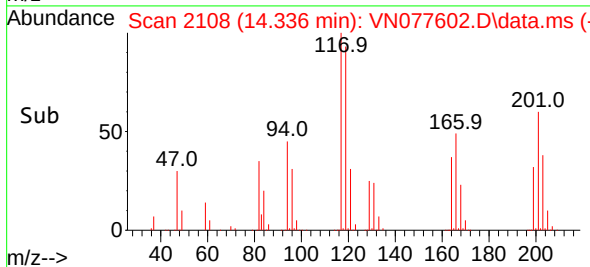
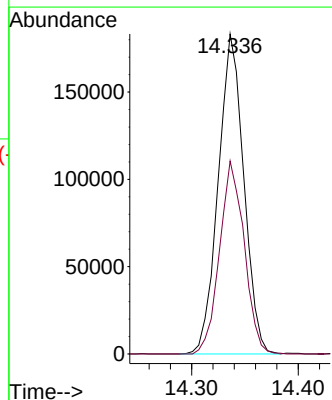
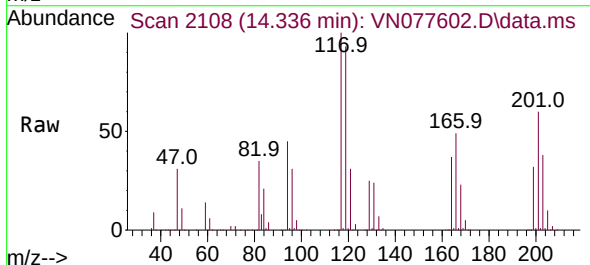
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

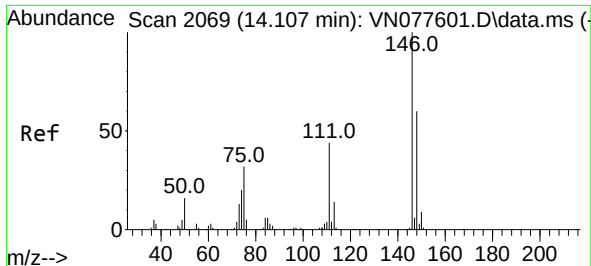
Tgt Ion: 91 Resp: 1312446
Ion Ratio Lower Upper
91 100
92 53.6 0.0 107.0
134 24.7 0.0 50.2



#86
Hexachloroethane
Concen: 51.897 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion: 117 Resp: 304806
Ion Ratio Lower Upper
117 100
201 58.2 28.1 84.4





#87

1,2-Dichlorobenzene

Concen: 51.300 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

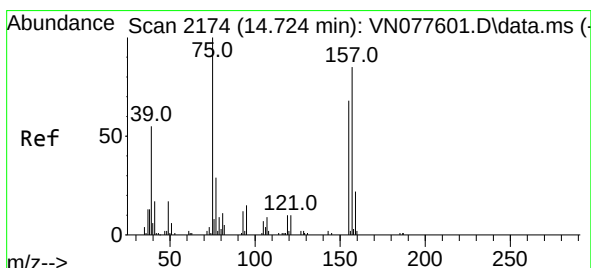
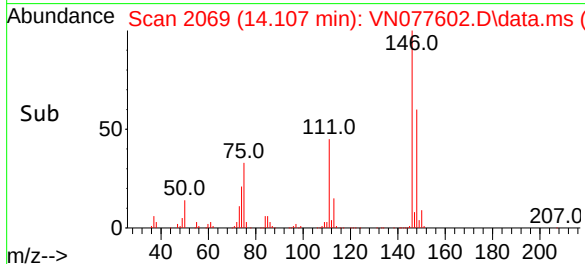
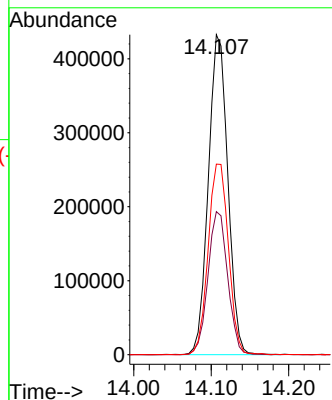
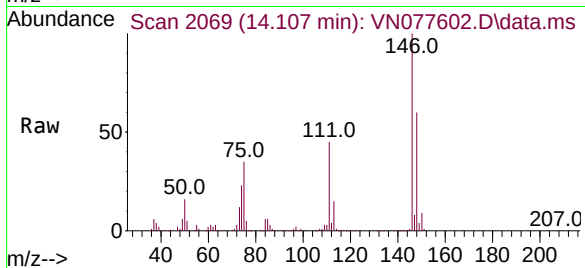
Tgt Ion:146 Resp: 755248

Ion Ratio Lower Upper

146 100

111 45.4 22.7 68.0

148 62.1 31.0 93.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 50.713 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

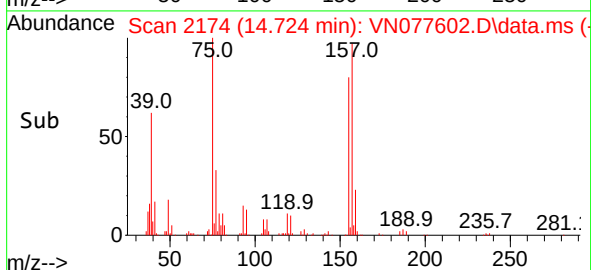
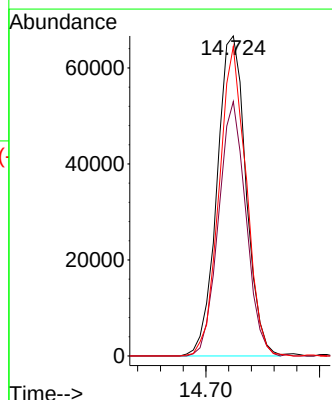
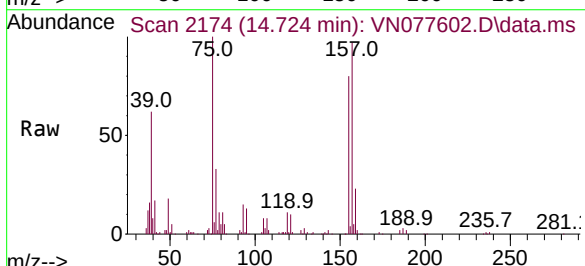
Tgt Ion: 75 Resp: 118138

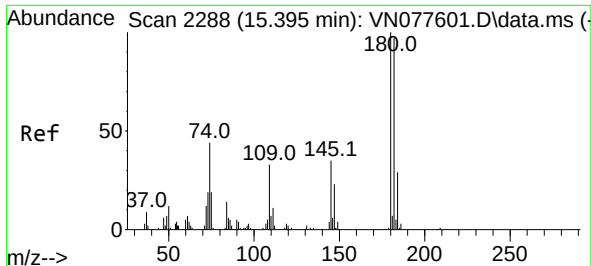
Ion Ratio Lower Upper

75 100

155 74.9 63.1 94.7

157 90.1 75.5 113.3





#89

1,2,4-Trichlorobenzene

Concen: 46.732 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

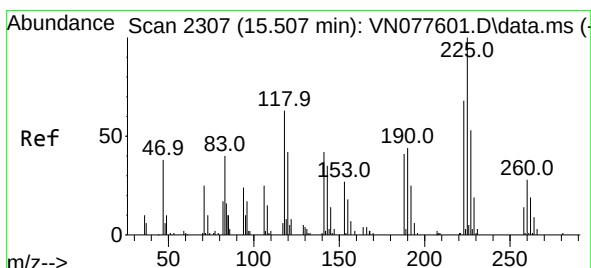
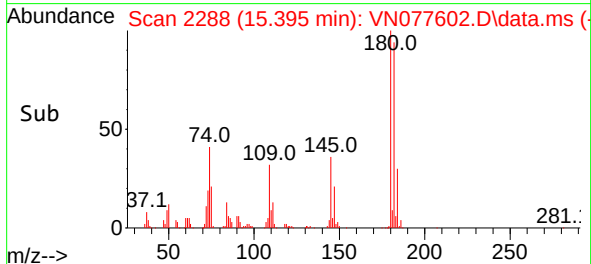
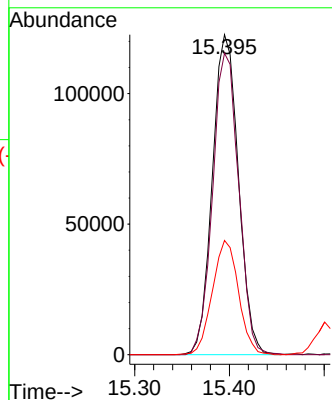
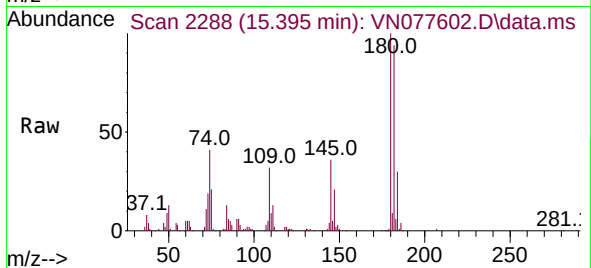
Tgt Ion:180 Resp: 233933

Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

145 35.9 28.6 43.0



#90

Hexachlorobutadiene

Concen: 50.504 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077602.D

Acq: 05 May 2023 20:06

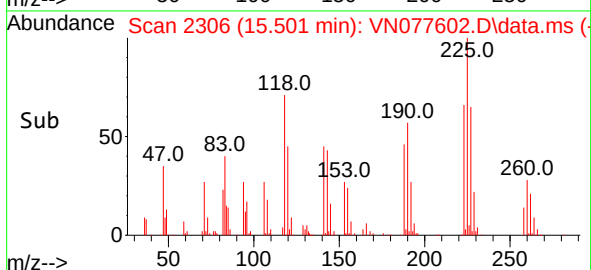
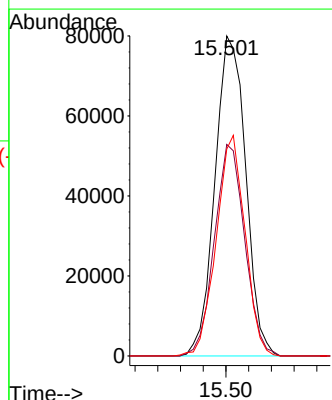
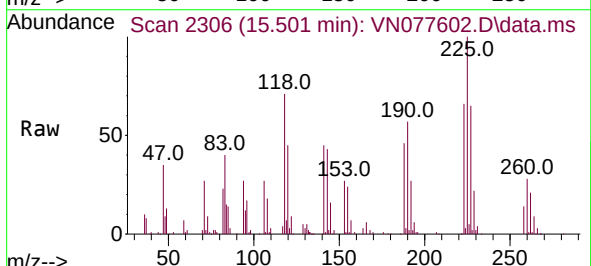
Tgt Ion:225 Resp: 150462

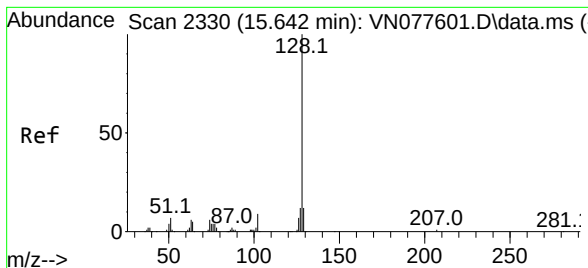
Ion Ratio Lower Upper

225 100

223 65.2 0.0 132.2

227 64.5 0.0 116.2

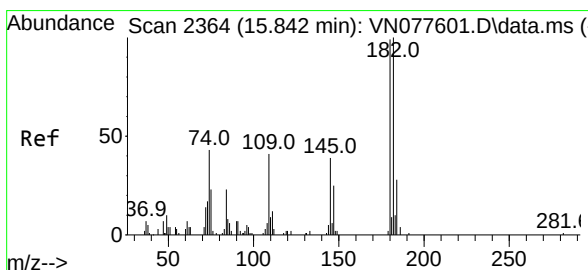
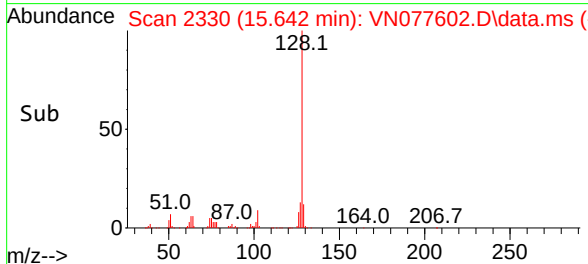
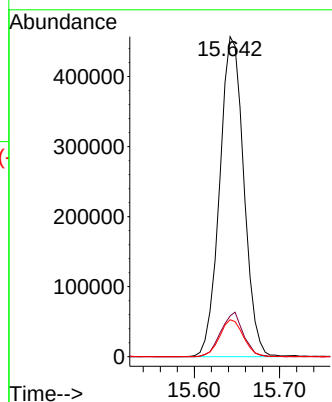
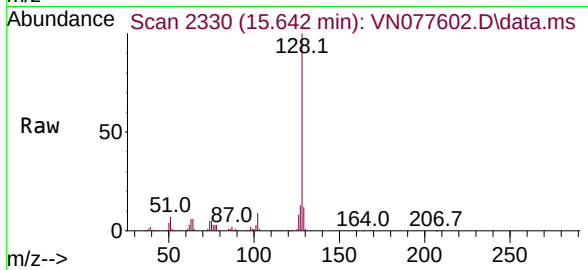




#91
Naphthalene
Concen: 47.146 ug/l
RT: 15.642 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 901745
Ion Ratio Lower Upper
128 100
127 12.9 9.6 14.4
129 11.4 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 47.482 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077602.D
Acq: 05 May 2023 20:06

Tgt Ion:180 Resp: 220049
Ion Ratio Lower Upper
180 100
182 95.9 0.0 193.4
145 36.8 0.0 78.6

