

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\Not Reviewed Data\
 Data File : VN077611.D
 Acq On : 08 May 2023 11:46
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: May 09 15:06:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	122577	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	723296	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	649932	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	265325	30.099	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.333%	
60) 4-Bromofluorobenzene	12.854	95	316954	30.670	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.233%	
63) Toluene-d8	10.566	98	910277	30.324	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	410193	50.969	ug/l	98
3) Chloromethane	2.372	50	297820	48.694	ug/l	98
4) Vinyl Chloride	2.519	62	448336	47.640	ug/l	96
5) Bromomethane	2.960	94	310473	49.492	ug/l	97
6) Chloroethane	3.125	64	291212	47.364	ug/l	94
7) Trichlorofluoromethane	3.507	101	560447	43.788	ug/l	96
8) Diethyl Ether	3.972	74	204918	50.798	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	341524	49.435	ug/l	97
10) 1,1-Dichloroethene	4.348	96	331546	50.767	ug/l	89
11) Methyl Iodide	4.601	142	519165	51.111	ug/l	95
12) Methyl Acetate	5.037	43	389649	49.356	ug/l #	85
13) Acrolein	4.184	56	239398	247.560	ug/l	99
14) Acrylonitrile	5.725	53	611954	254.827	ug/l	98
15) Acetone	4.437	58	176943	242.772	ug/l	83
16) Carbon Disulfide	4.719	76	778240	49.607	ug/l	99
17) Allyl chloride	5.031	41	330881	48.808	ug/l	92
18) Methylene Chloride	5.284	84	376072	47.381	ug/l	93
19) trans-1,2-Dichloroethene	5.789	96	355502	48.386	ug/l	93
20) Diisopropyl ether	6.678	45	815512	49.461	ug/l #	92
21) 1,1-Dichloroethane	6.578	63	614201	50.784	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	442679	50.002	ug/l	93
23) tert-Butyl Alcohol	5.531	59	248375	264.017	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	1108684	50.153	ug/l	94
25) Chloroform	7.966	83	719242	49.892	ug/l	98
26) Cyclohexane	8.260	56	478356	48.181	ug/l #	91
29) 1,1-Dichloropropene	8.378	75	515314	49.490	ug/l	97
30) 2-Butanone	7.489	43	698171	251.552	ug/l	91
31) 2,2-Dichloropropane	7.501	77	602788	49.690	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	681973	50.606	ug/l	94
33) Carbon Tetrachloride	8.366	117	575583	50.507	ug/l	97
34) Benzene	8.613	78	1549258	49.276	ug/l	97
35) Methacrylonitrile	7.783	41	150480	47.767	ug/l	84
36) 1,2-Dichloroethane	8.678	62	503066	47.993	ug/l	98
37) Trichloroethene	9.354	130	396419	48.775	ug/l	100
38) Methylcyclohexane	9.601	83	659262	49.173	ug/l	95
39) 1,2-Dichloropropane	9.624	63	360664	49.548	ug/l	93
40) Dibromomethane	9.713	93	281783	49.102	ug/l	96
41) Bromodichloromethane	9.889	83	565539	48.940	ug/l	98
42) Vinyl Acetate	6.607	43	2153843	209.205	ug/l #	89

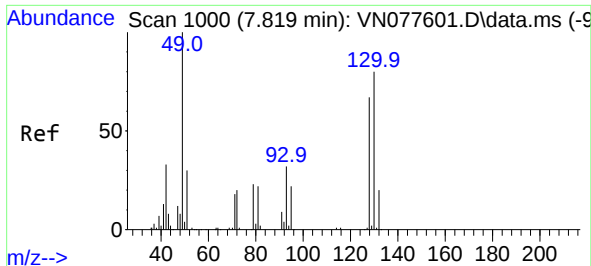
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	289519	48.538	ug/l #	88
44) Isopropyl Acetate	8.695	43	547499	50.131	ug/l	89
45) 1,4-Dioxane	9.695	88	137559	1013.268	ug/l	96
46) Methyl methacrylate	9.683	41	240040	48.940	ug/l	86
47) n-amyl Acetate	12.495	43	477160	50.729	ug/l	96
48) t-1,3-Dichloropropene	10.836	75	602469	51.714	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	651626	51.032	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	405710	49.091	ug/l	88
51) Ethyl methacrylate	10.877	69	535902	50.232	ug/l	87
52) 1,3-Dichloropropane	11.166	76	658498	49.280	ug/l	98
53) Dibromochloromethane	11.360	129	439117	51.069	ug/l	99
54) 1,2-Dibromoethane	11.471	107	409978	49.941	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	1247731	258.630	ug/l	97
56) Bromoform	12.583	173	261878	51.761	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	1502010	250.954	ug/l #	92
59) 2-Hexanone	11.195	43	1086795	251.545	ug/l	92
61) Tetrachloroethene	11.107	164	316294	50.312	ug/l	97
62) Toluene	10.630	91	1811786	50.351	ug/l	99
64) Chlorobenzene	11.895	112	1102255	49.810	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.966	131	398836	49.960	ug/l	93
66) Ethyl Benzene	11.966	91	2004711	50.281	ug/l	100
67) m/p-Xylenes	12.071	106	1612528	102.797	ug/l	96
68) o-Xylene	12.401	106	794528	51.396	ug/l	96
69) Styrene	12.413	104	1285540	52.007	ug/l	97
70) Isopropylbenzene	12.701	105	2050467	51.066	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	538576	50.018	ug/l	97
72) 1,2,3-Trichloropropane	12.995	75	658249	73.470	ug/l	70
73) Bromobenzene	12.983	156	422373	50.307	ug/l	91
74) n-propylbenzene	13.036	91	2300253	51.236	ug/l	99
75) 2-Chlorotoluene	13.130	91	1395322	51.387	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	1683196	53.043	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	168370	53.944	ug/l	92
78) 4-Chlorotoluene	13.224	91	1352064	50.998	ug/l	99
79) tert-butylbenzene	13.442	119	1453852	51.157	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	1638870	53.217	ug/l	100
81) sec-Butylbenzene	13.618	105	2046805	51.311	ug/l	99
82) p-Isopropyltoluene	13.730	119	1638759	51.632	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	797139	51.128	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	779653	51.082	ug/l	99
85) n-Butylbenzene	14.060	91	1288734	49.355	ug/l	99
86) Hexachloroethane	14.336	117	303061	51.235	ug/l	93
87) 1,2-Dichlorobenzene	14.107	146	773736	51.126	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	96944	49.543	ug/l	93
89) 1,2,4-Trichlorobenzene	15.395	180	271759	52.120	ug/l	99
90) Hexachlorobutadiene	15.506	225	123699	42.072	ug/l	94
91) Naphthalene	15.642	128	1007803	56.582	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	254044	52.904	ug/l	98

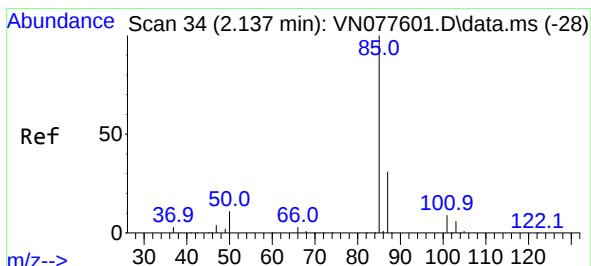
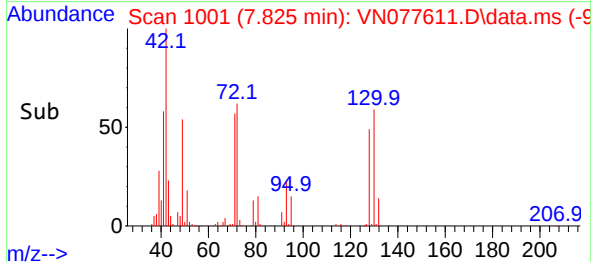
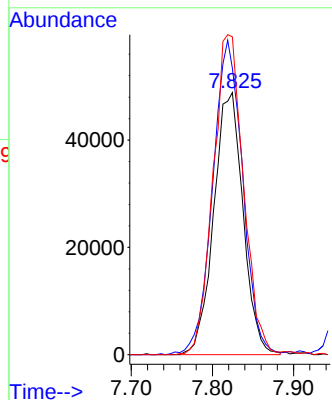
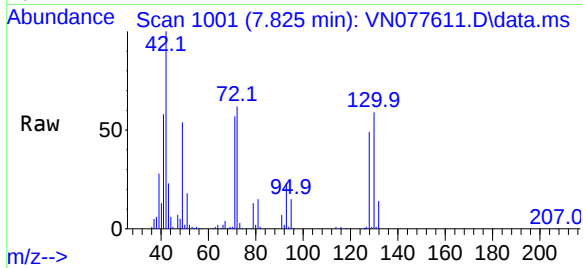
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

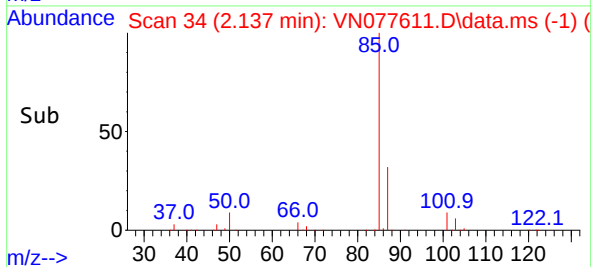
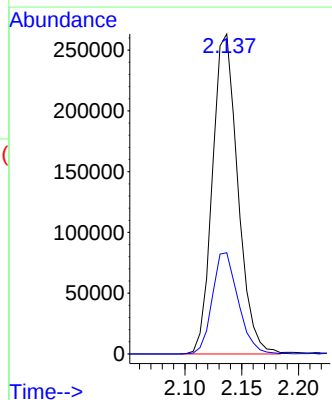
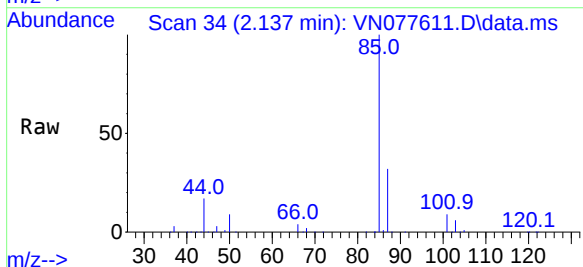
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

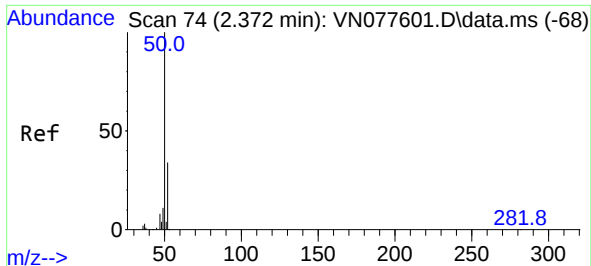
Tgt Ion:128 Resp: 122577
Ion Ratio Lower Upper
128 100
49 122.4 0.0 369.8
130 126.3 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 50.969 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 85 Resp: 410193
Ion Ratio Lower Upper
85 100
87 31.6 15.3 45.9

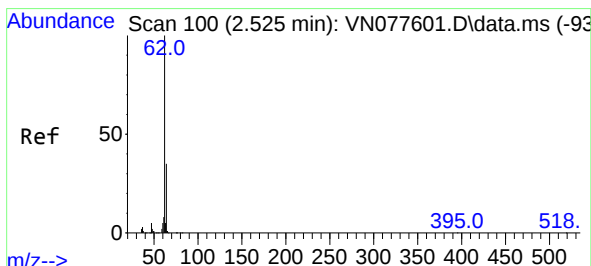
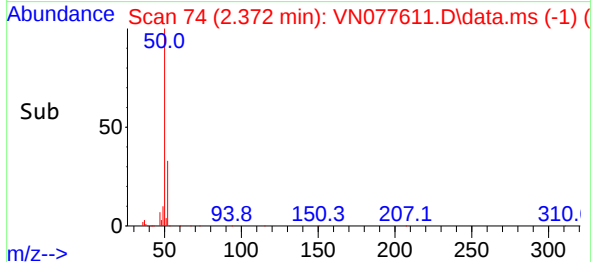
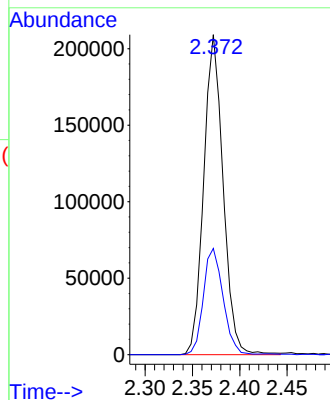
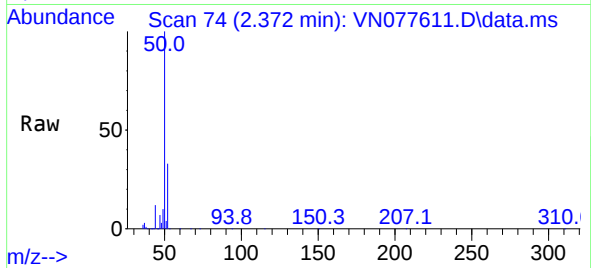




#3
Chloromethane
Concen: 48.694 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

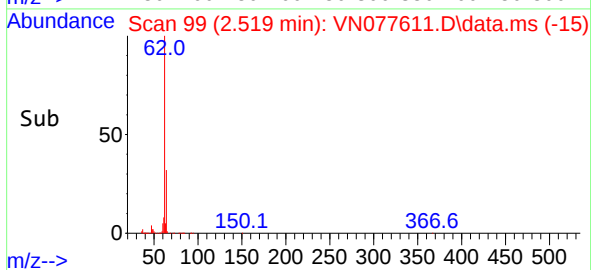
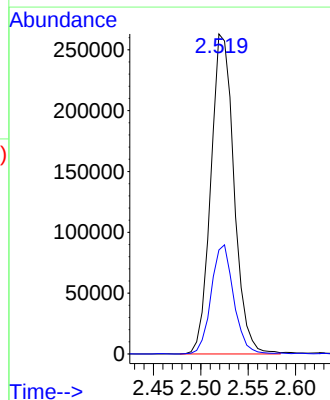
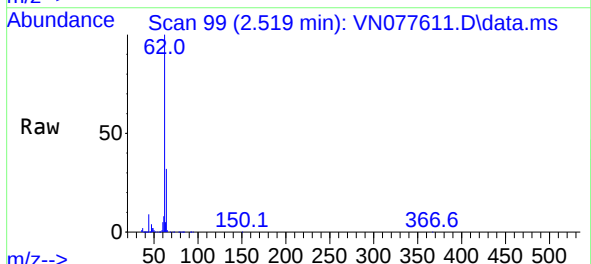
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

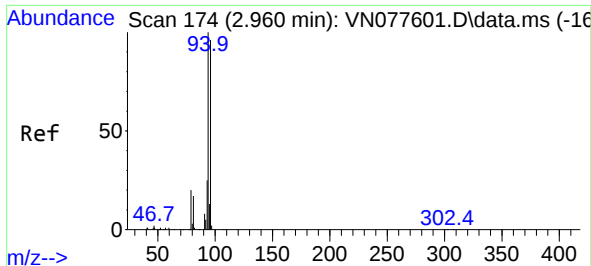
Tgt Ion: 50 Resp: 297820
Ion Ratio Lower Upper
50 100
52 33.2 27.3 40.9



#4
Vinyl Chloride
Concen: 47.640 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 62 Resp: 448336
Ion Ratio Lower Upper
62 100
64 32.5 27.8 41.6

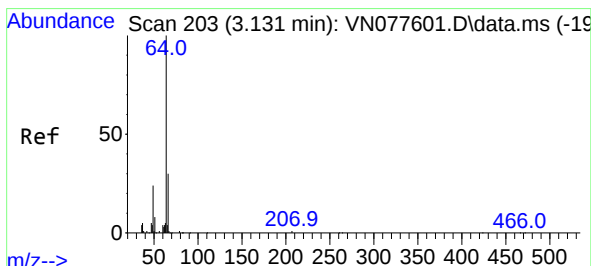
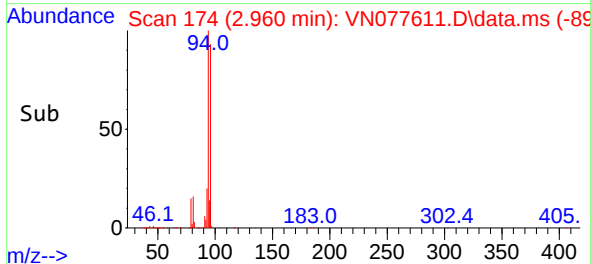
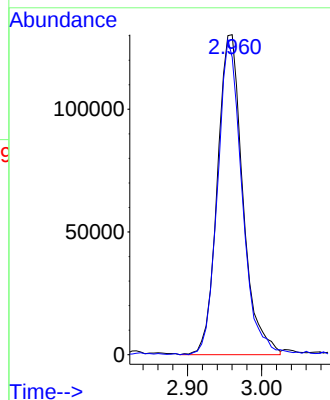
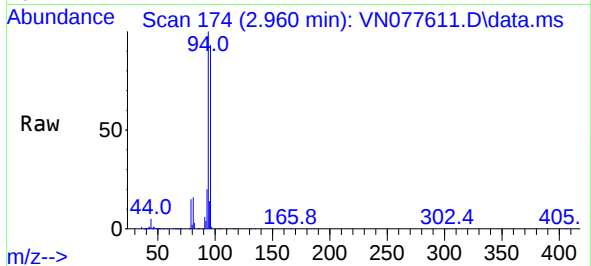




#5
Bromomethane
Concen: 49.492 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

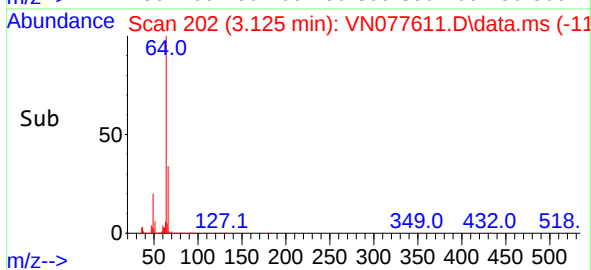
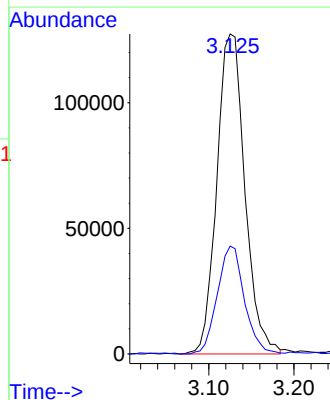
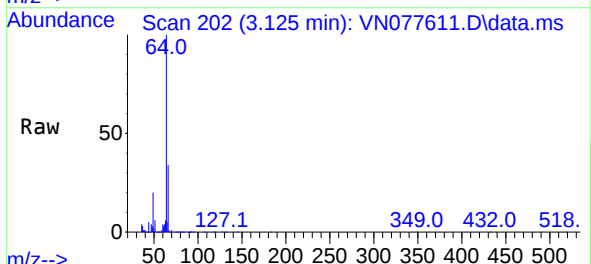
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ClientSampleId :
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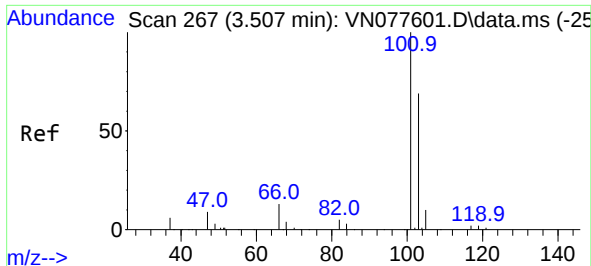
Tgt Ion: 94 Resp: 310473
Ion Ratio Lower Upper
94 100
96 92.9 76.7 115.1



#6
Chloroethane
Concen: 47.364 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 64 Resp: 291212
Ion Ratio Lower Upper
64 100
66 33.7 24.2 36.4

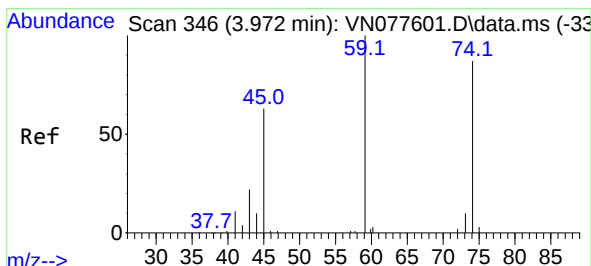
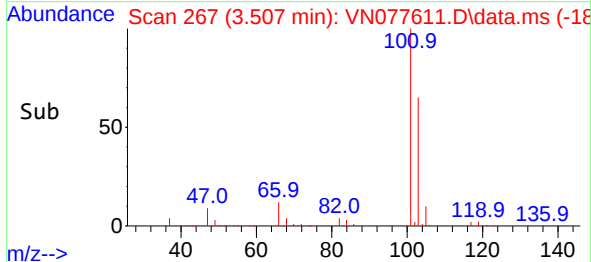
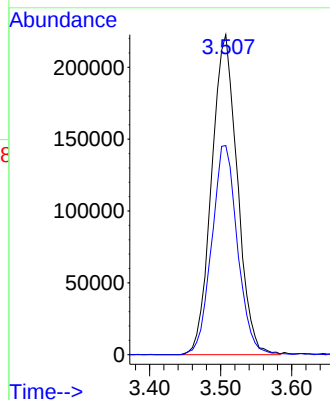
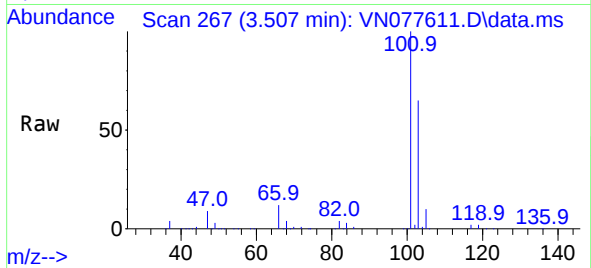




#7
Trichlorofluoromethane
Concen: 43.788 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

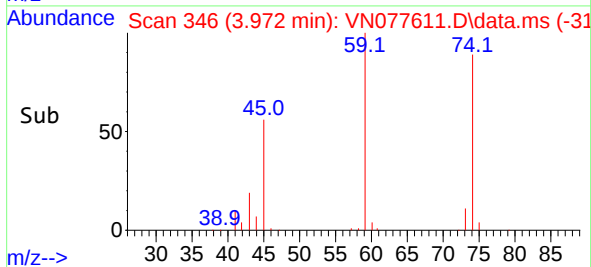
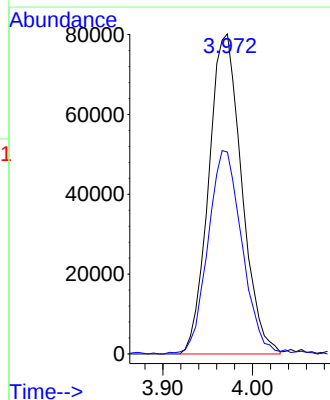
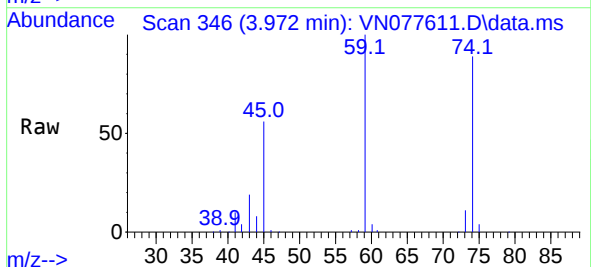
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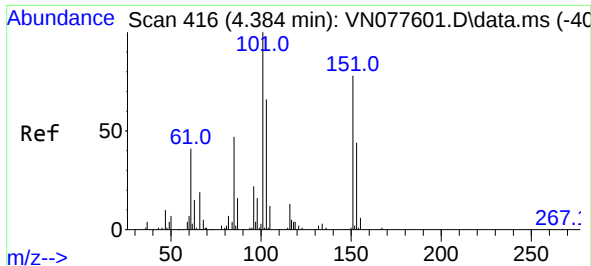
Tgt Ion:101 Resp: 560447
Ion Ratio Lower Upper
101 100
103 65.3 55.0 82.4



#8
Diethyl Ether
Concen: 50.798 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 74 Resp: 204918
Ion Ratio Lower Upper
74 100
45 64.8 14.8 133.2

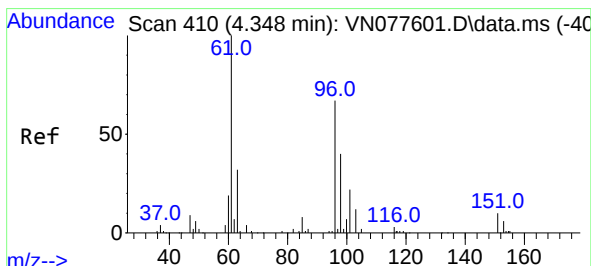
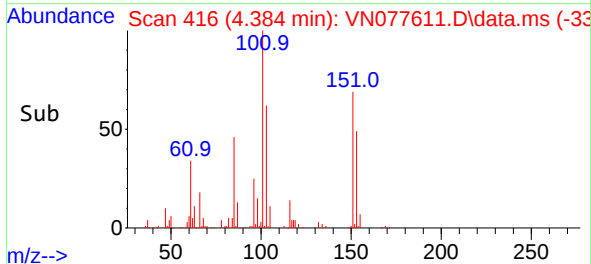
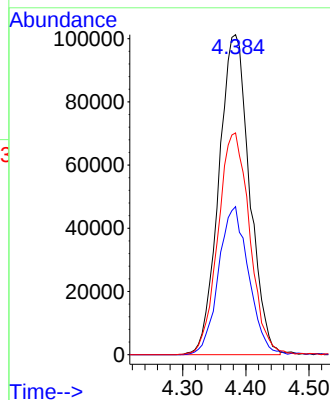
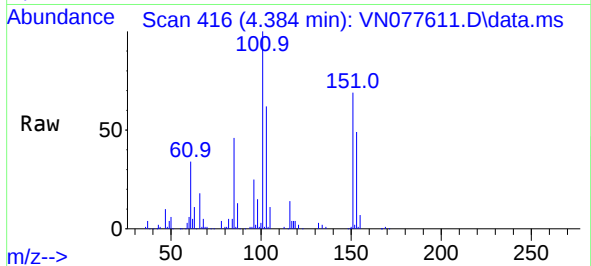




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.435 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

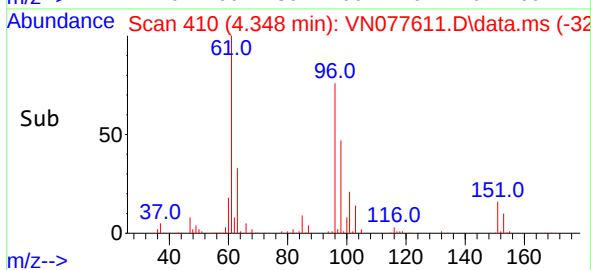
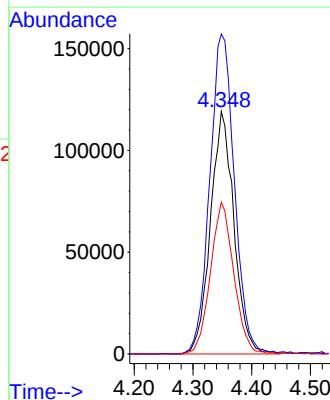
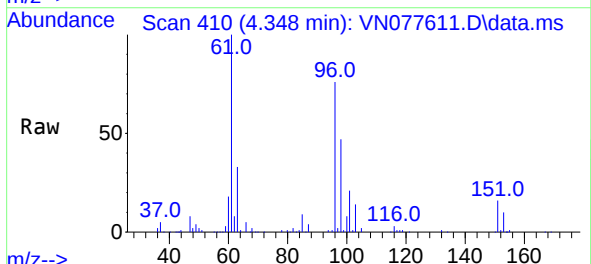
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

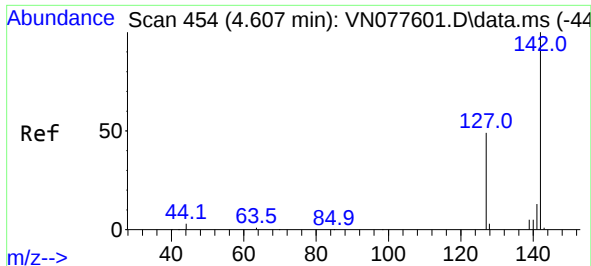
Tgt Ion:101 Resp: 341524
Ion Ratio Lower Upper
101 100
85 45.4 0.0 92.6
151 71.6 0.0 137.4



#10
1,1-Dichloroethene
Concen: 50.767 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 96 Resp: 331546
Ion Ratio Lower Upper
96 100
61 132.0 120.1 180.1
98 62.6 48.3 72.5

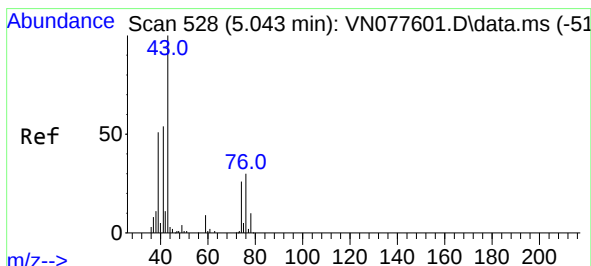
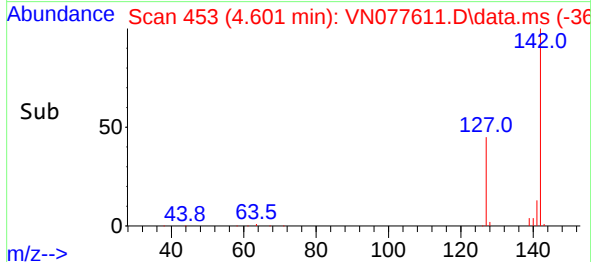
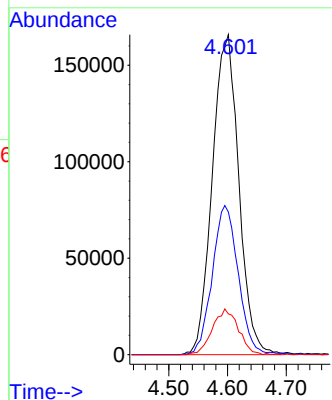
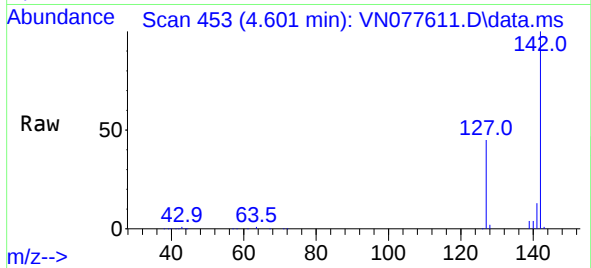




#11
Methyl Iodide
Concen: 51.111 ug/l
RT: 4.601 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

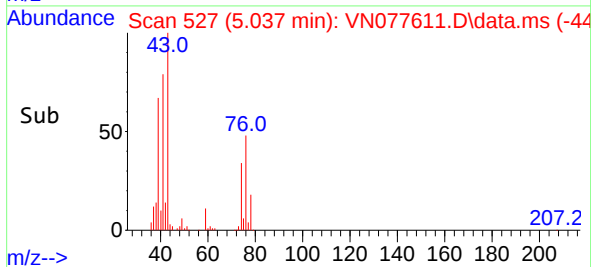
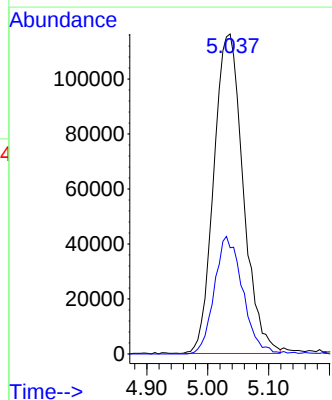
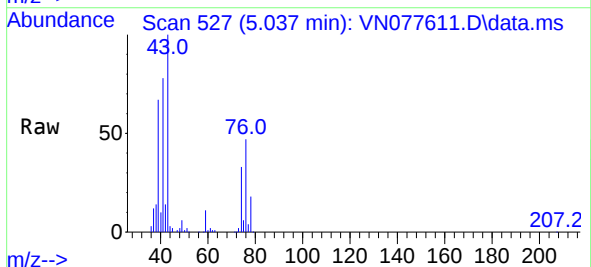
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

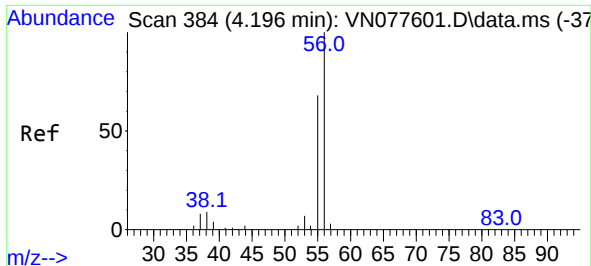
Tgt Ion:142 Resp: 519165
Ion Ratio Lower Upper
142 100
127 44.5 24.6 73.6
141 12.8 6.4 19.2



#12
Methyl Acetate
Concen: 49.356 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 43 Resp: 389649
Ion Ratio Lower Upper
43 100
74 33.2 20.6 31.0#





#13

Acrolein

Concen: 247.560 ug/l

RT: 4.184 min Scan# 382

Delta R.T. -0.012 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

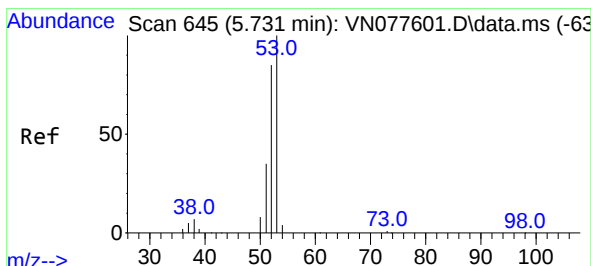
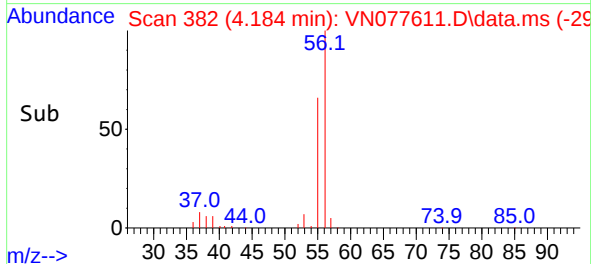
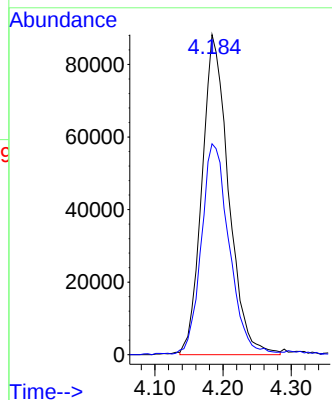
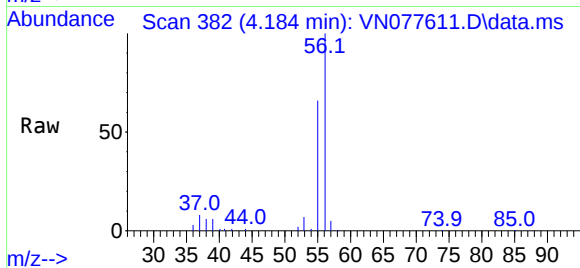
VSTDICC050

Tgt Ion: 56 Resp: 239398

Ion Ratio Lower Upper

56 100

55 67.7 54.8 82.2



#14

Acrylonitrile

Concen: 254.827 ug/l

RT: 5.725 min Scan# 644

Delta R.T. -0.006 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

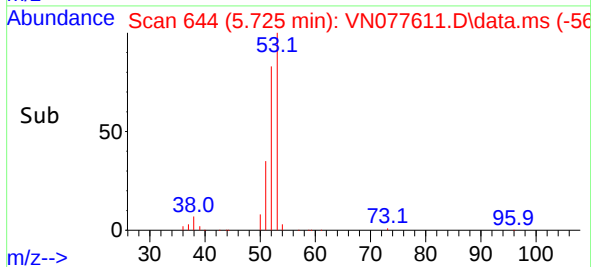
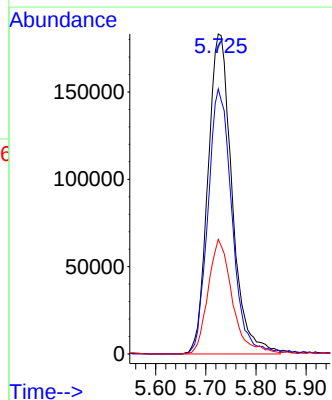
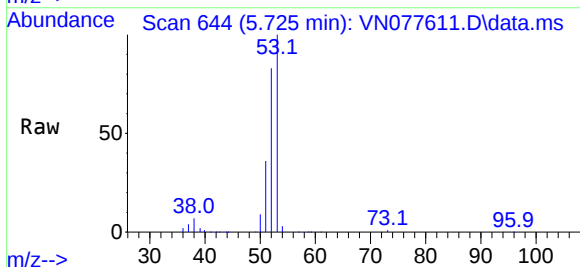
Tgt Ion: 53 Resp: 611954

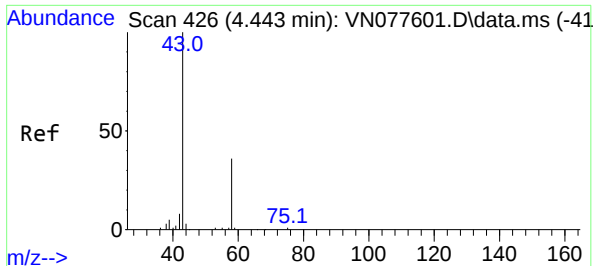
Ion Ratio Lower Upper

53 100

52 81.3 41.6 124.8

51 34.9 17.6 52.9





#15

Acetone

Concen: 242.772 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

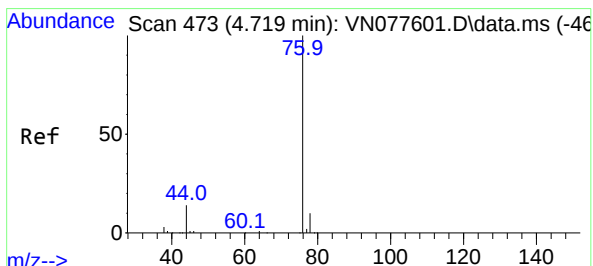
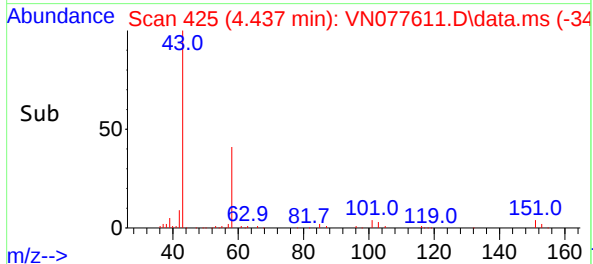
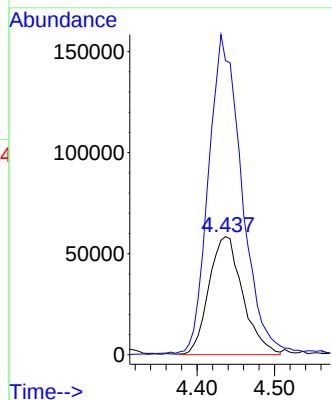
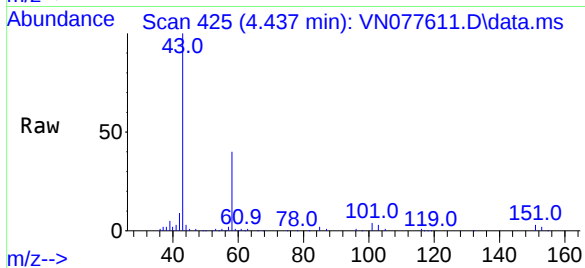
VSTDICC050

Tgt Ion: 58 Resp: 176943

Ion Ratio Lower Upper

58 100

43 248.0 223.2 334.8



#16

Carbon Disulfide

Concen: 49.607 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077611.D

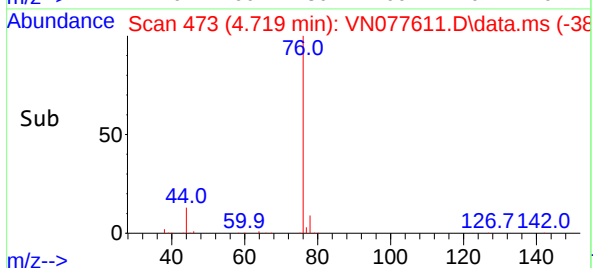
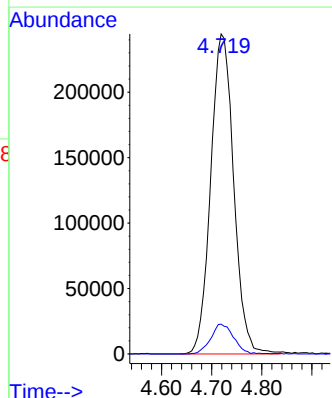
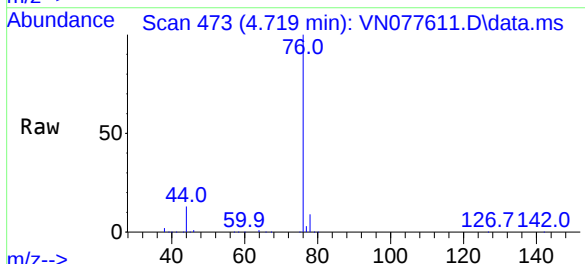
Acq: 08 May 2023 11:46

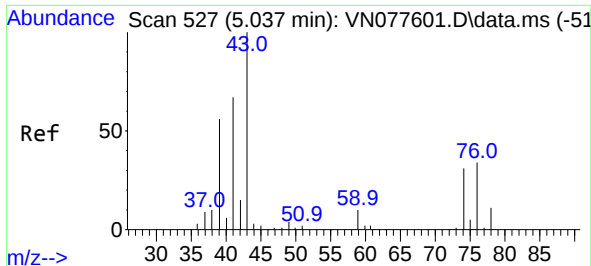
Tgt Ion: 76 Resp: 778240

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

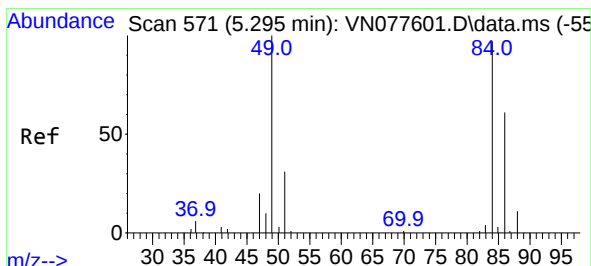
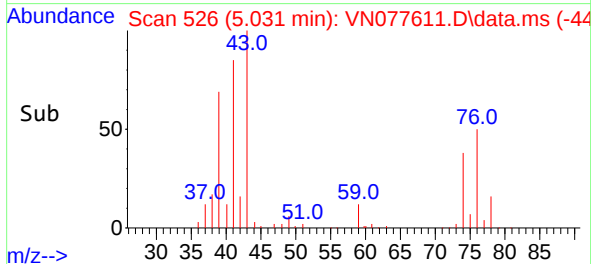
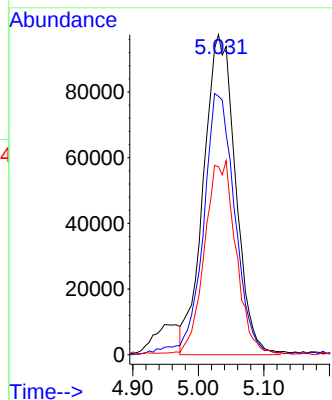
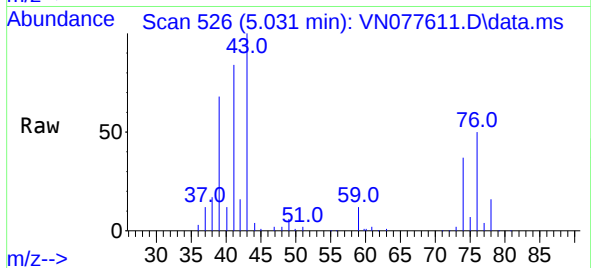




#17
Allyl chloride
Concen: 48.808 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

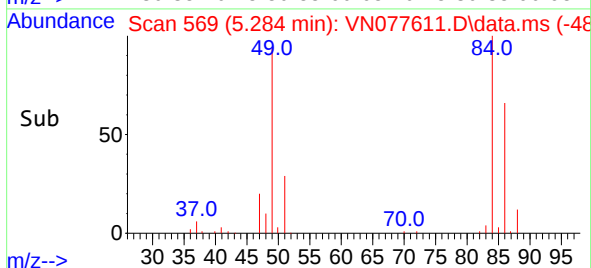
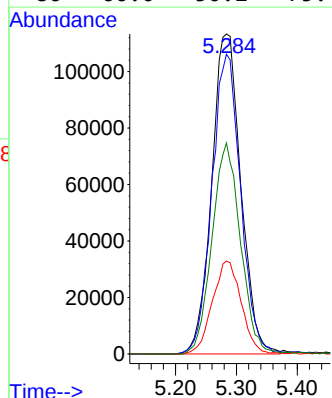
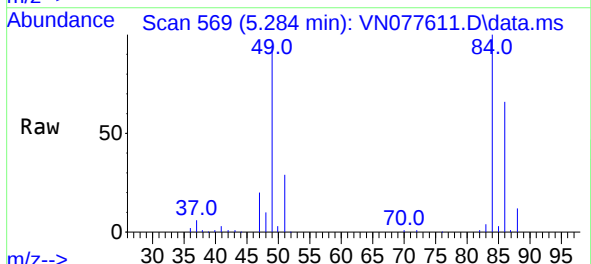
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

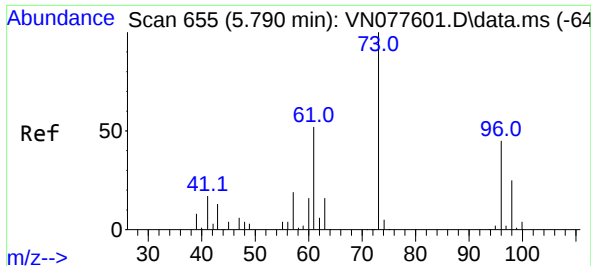
Tgt Ion: 41 Resp: 330881
Ion Ratio Lower Upper
41 100
39 80.7 39.5 118.3
76 58.7 23.4 70.3



#18
Methylene Chloride
Concen: 47.381 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.011 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 84 Resp: 376072
Ion Ratio Lower Upper
84 100
49 93.3 82.4 123.6
51 29.1 25.1 37.7
86 66.0 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 48.386 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.001 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

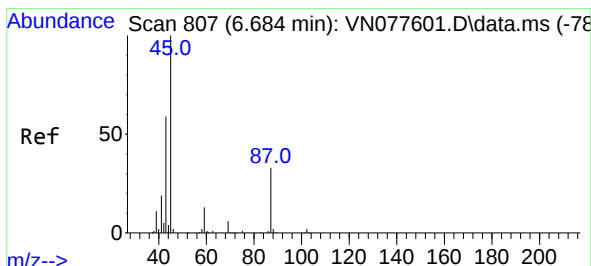
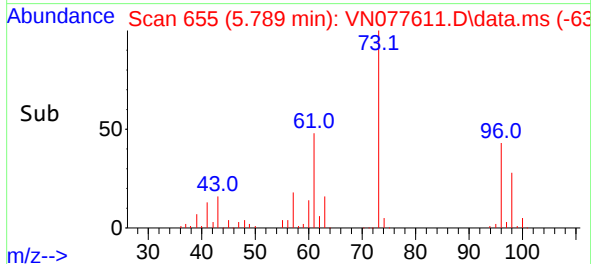
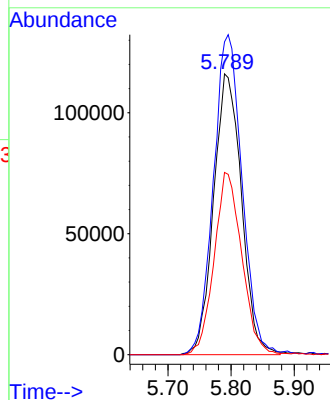
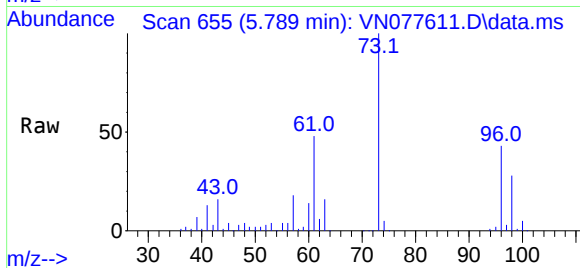
Tgt Ion: 96 Resp: 355502

Ion Ratio Lower Upper

96 100

61 111.4 92.4 138.6

98 64.9 44.8 67.2



#20

Diisopropyl ether

Concen: 49.461 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

Tgt Ion: 45 Resp: 815512

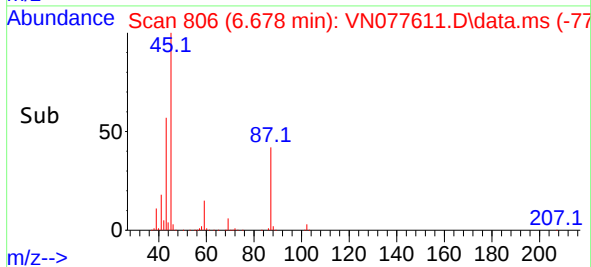
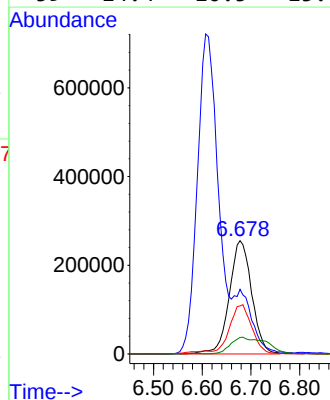
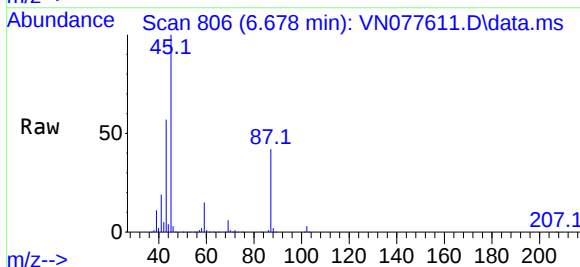
Ion Ratio Lower Upper

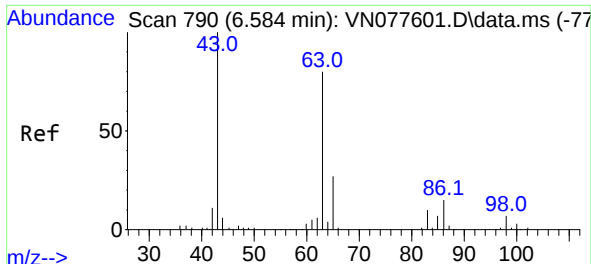
45 100

43 55.3 47.1 70.7

87 41.9 26.2 39.2#

59 14.4 10.5 15.7

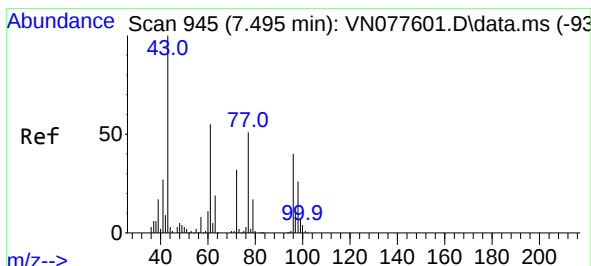
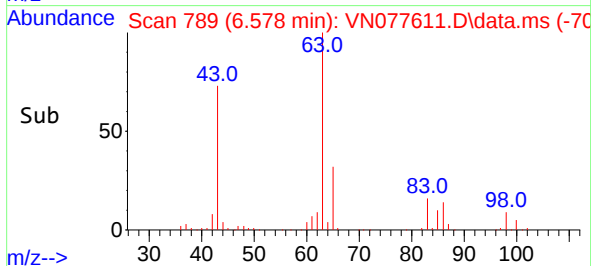
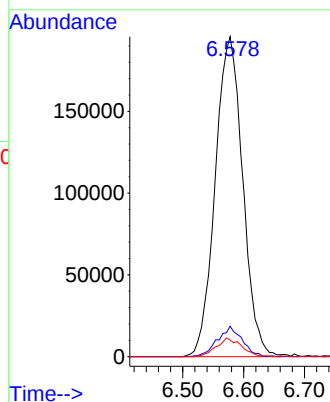
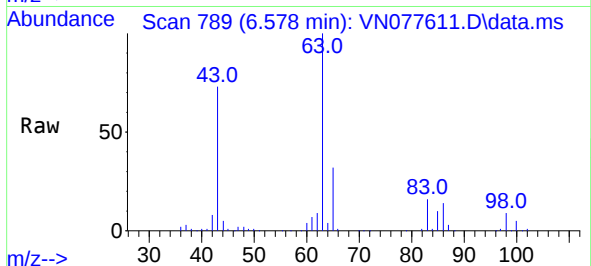




#21
1,1-Dichloroethane
Concen: 50.784 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

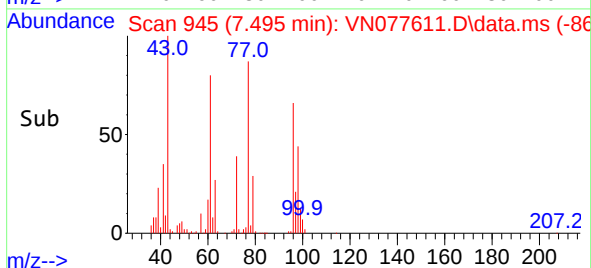
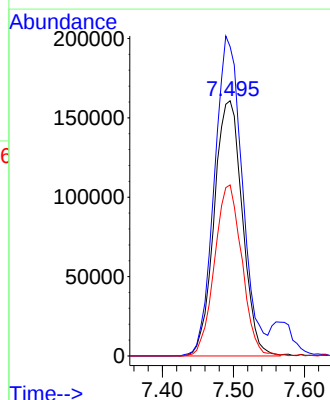
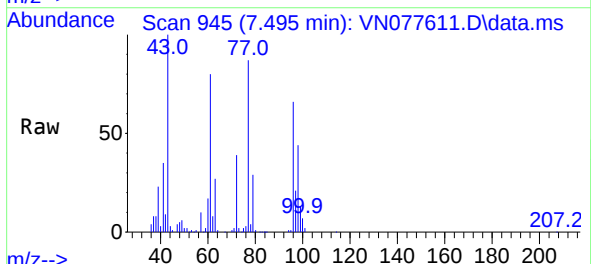
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

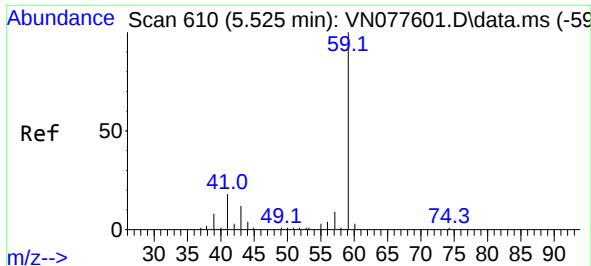
Tgt Ion: 63 Resp: 614201
Ion Ratio Lower Upper
63 100
98 9.5 4.3 13.1
100 5.2 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 50.002 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 96 Resp: 442679
Ion Ratio Lower Upper
96 100
61 124.5 109.4 164.0
98 64.6 51.2 76.8

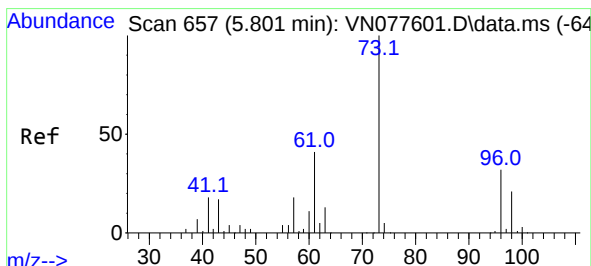
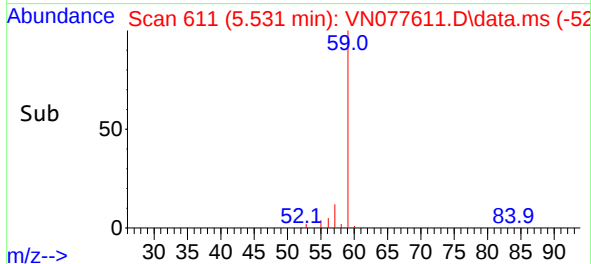
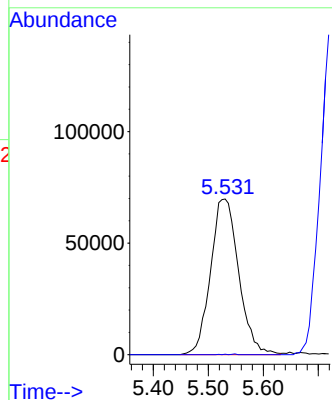
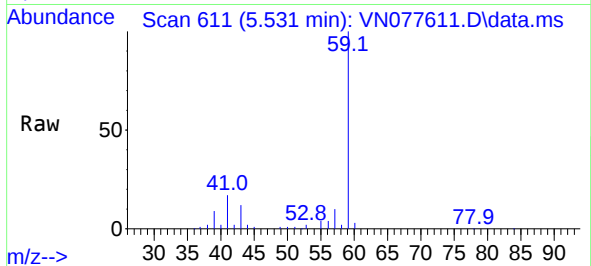




#23
tert-Butyl Alcohol
Concen: 264.017 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

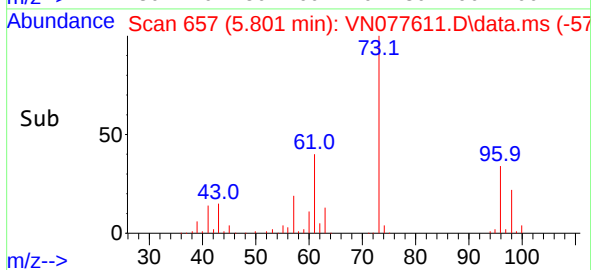
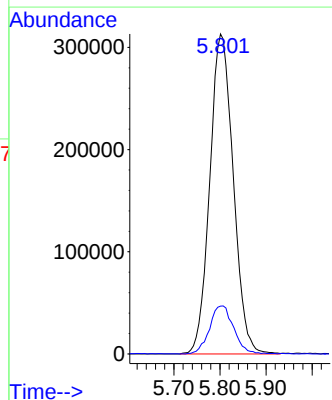
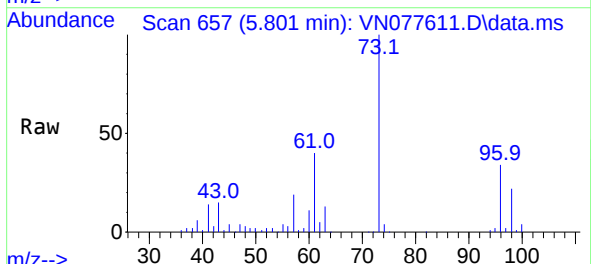
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

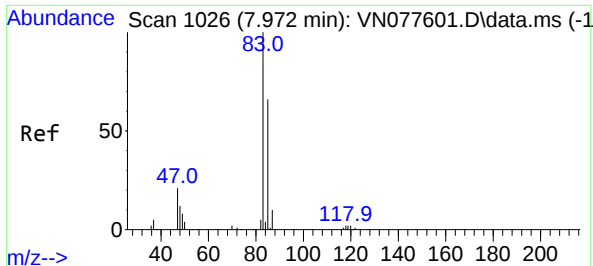
Tgt Ion: 59 Resp: 248375
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 50.153 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 73 Resp: 1108684
Ion Ratio Lower Upper
73 100
43 15.4 14.3 21.5

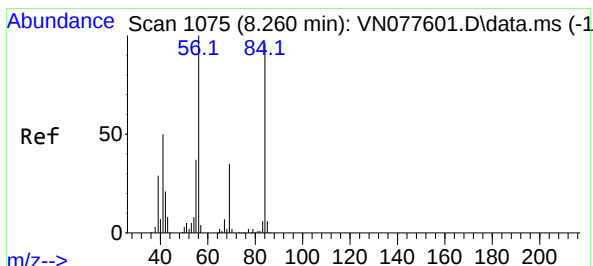
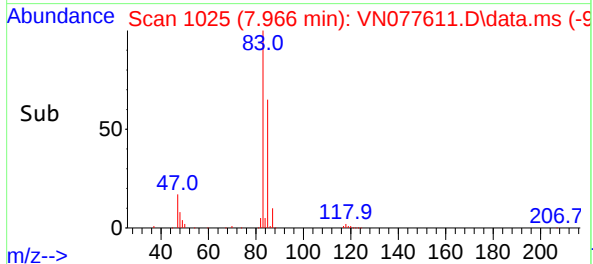
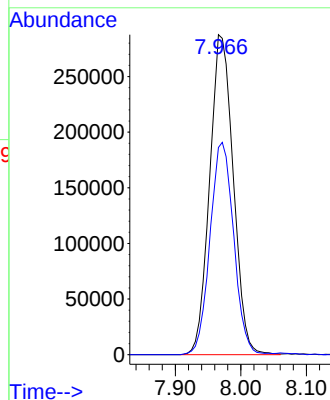
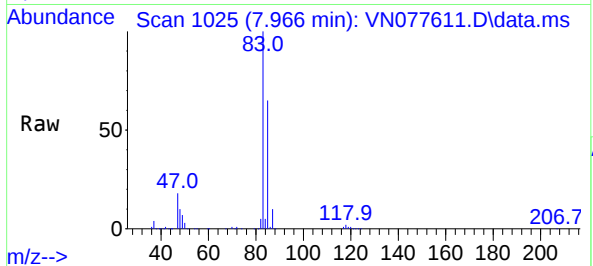




#25
Chloroform
Concen: 49.892 ug/l
RT: 7.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

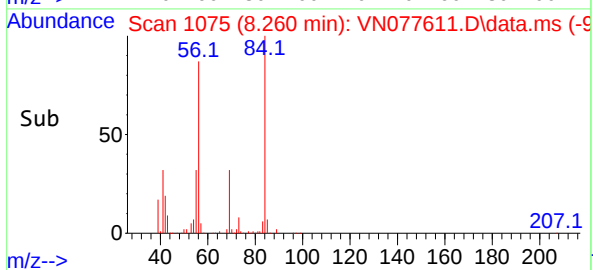
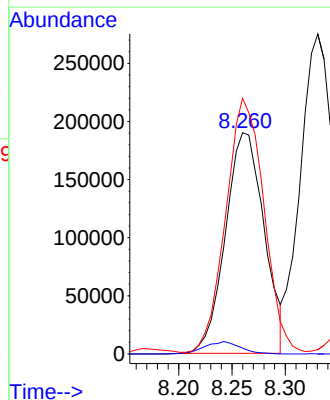
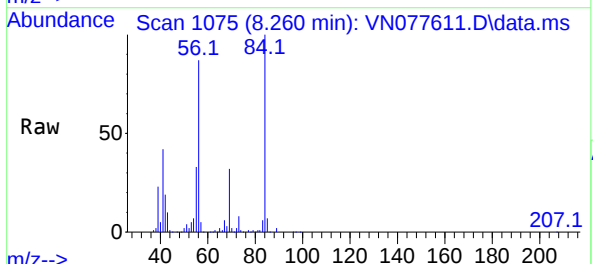
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

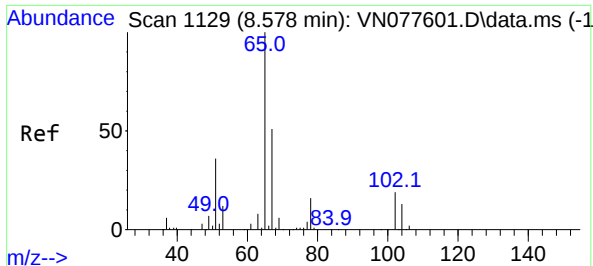
Tgt Ion: 83 Resp: 719242
Ion Ratio Lower Upper
83 100
85 64.7 53.0 79.6



#26
Cyclohexane
Concen: 48.181 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 56 Resp: 478356
Ion Ratio Lower Upper
56 100
89 5.2 0.0 0.0#
84 115.4 84.6 126.8





#27

1,2-Dichloroethane-d4

Concen: 30.099 ug/l

RT: 8.583 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

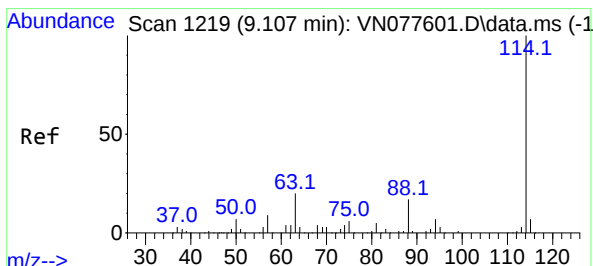
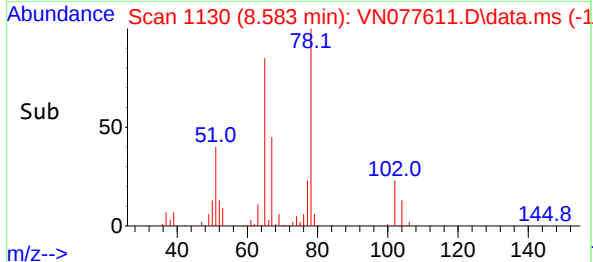
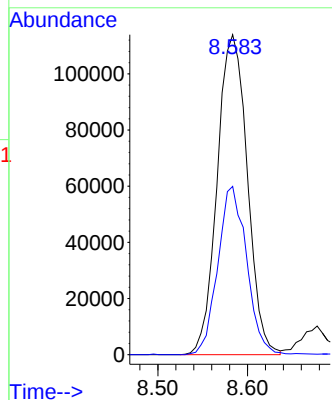
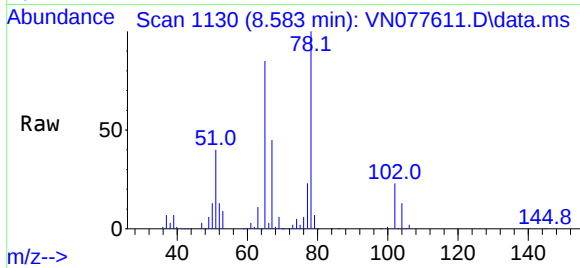
VSTDIC050

Tgt Ion: 65 Resp: 265325

Ion Ratio Lower Upper

65 100

67 50.3 41.3 61.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

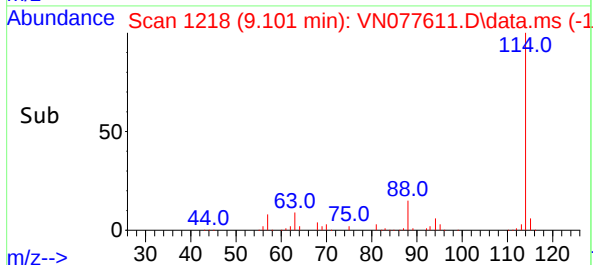
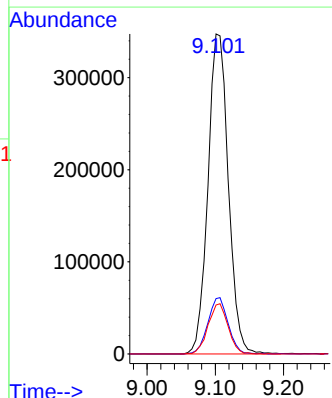
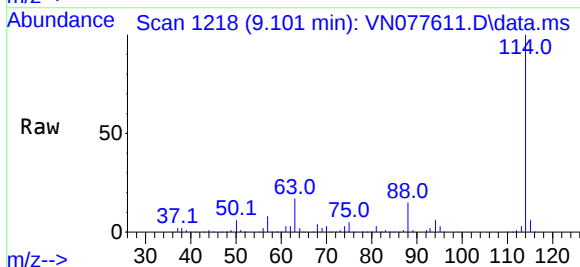
Tgt Ion: 114 Resp: 723296

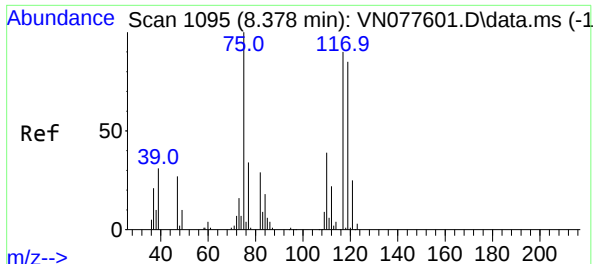
Ion Ratio Lower Upper

114 100

63 17.5 15.8 23.6

88 15.4 13.0 19.4

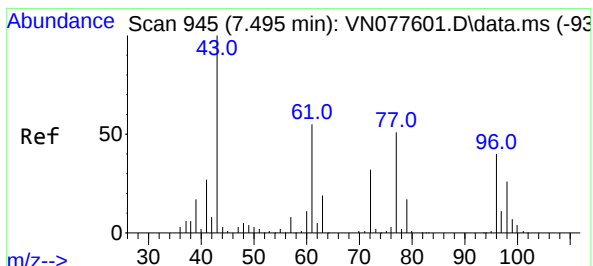
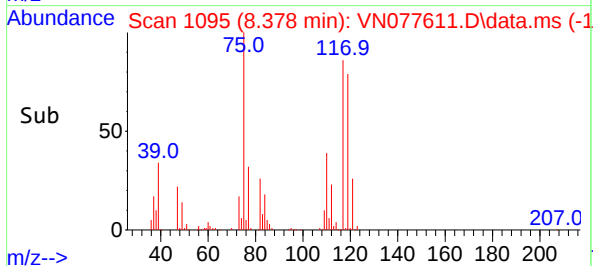
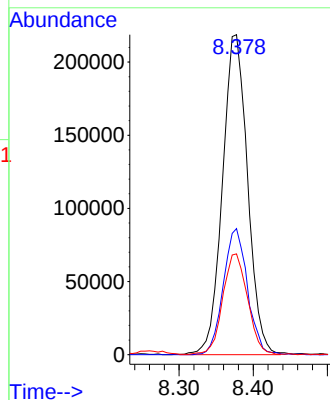
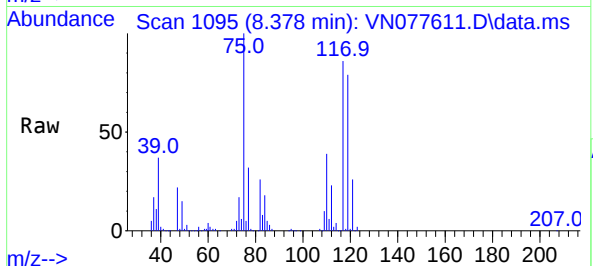




#29
1,1-Dichloropropene
Concen: 49.490 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

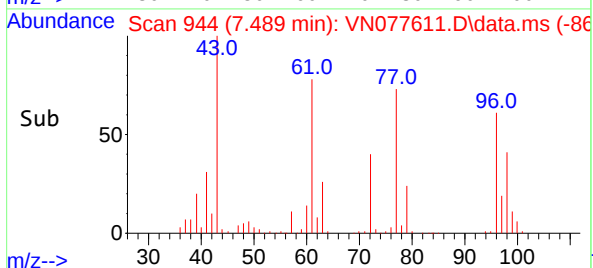
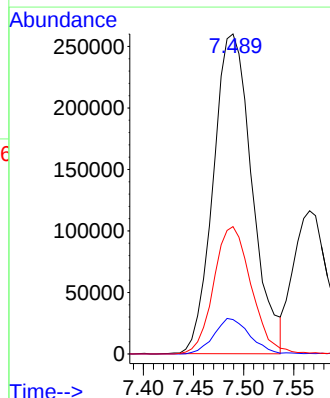
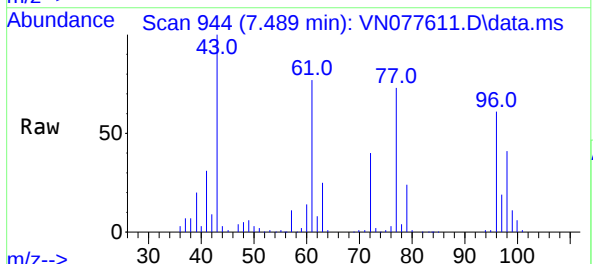
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

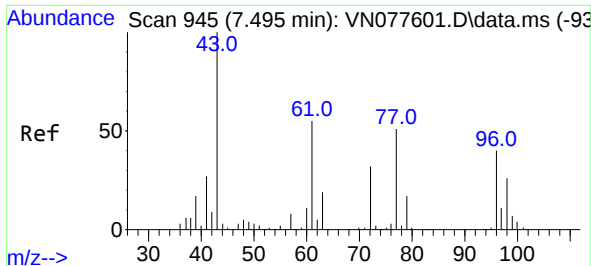
Tgt Ion: 75 Resp: 515314
Ion Ratio Lower Upper
75 100
110 37.9 0.0 69.8
77 31.1 0.0 61.4



#30
2-Butanone
Concen: 251.552 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 43 Resp: 698171
Ion Ratio Lower Upper
43 100
57 10.2 7.2 10.8
72 38.6 26.2 39.2





#31

2,2-Dichloropropane

Concen: 49.690 ug/l

RT: 7.501 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

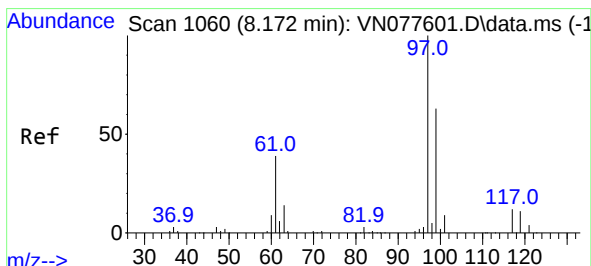
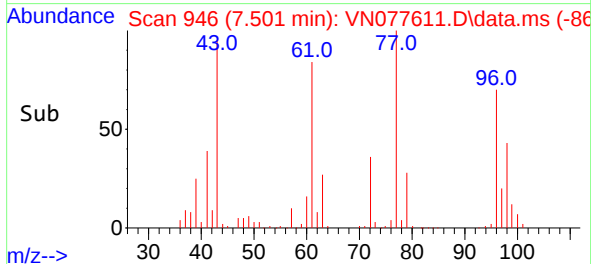
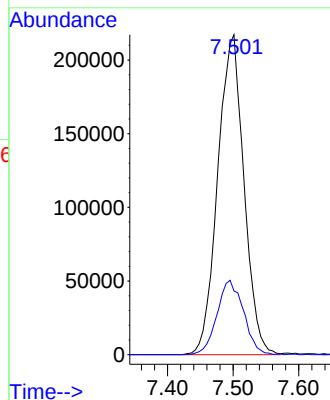
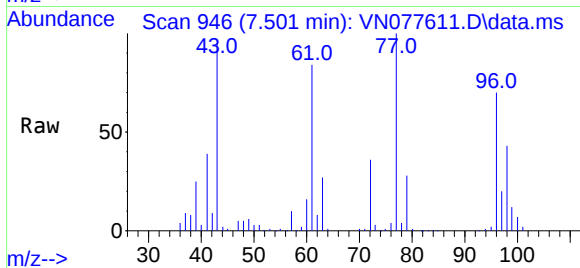
VSTDICC050

Tgt Ion: 77 Resp: 602788

Ion Ratio Lower Upper

77 100

97 23.5 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 50.606 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

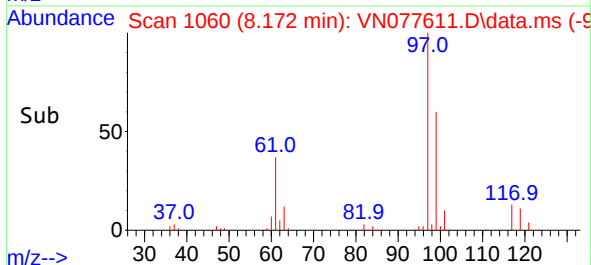
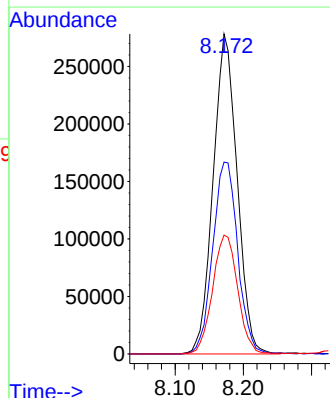
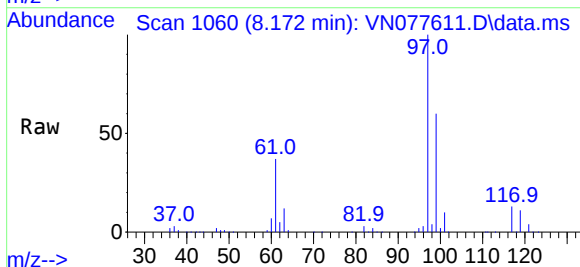
Tgt Ion: 97 Resp: 681973

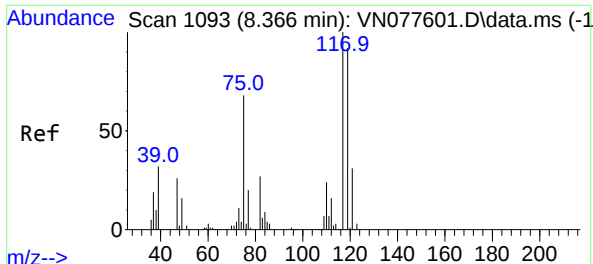
Ion Ratio Lower Upper

97 100

99 62.5 53.1 79.7

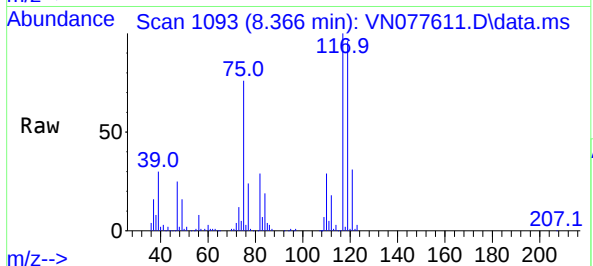
61 38.9 35.1 52.7



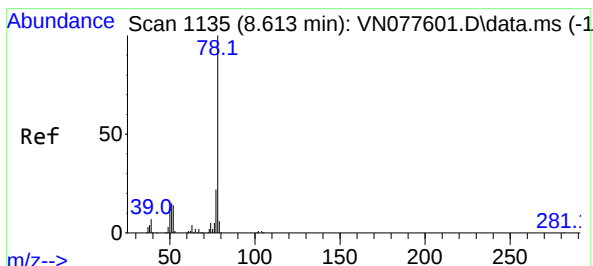
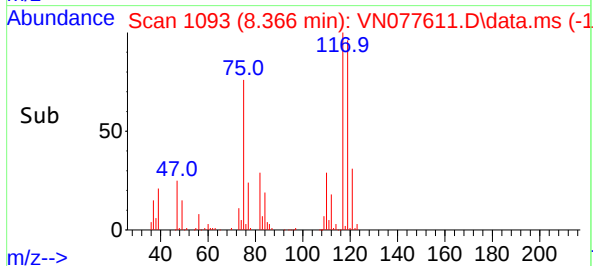
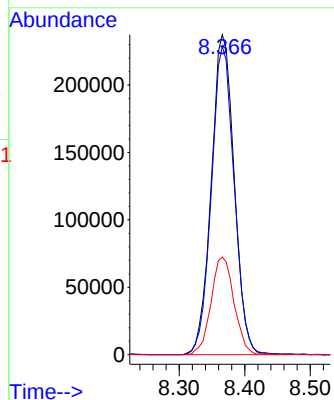


#33
Carbon Tetrachloride
Concen: 50.507 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

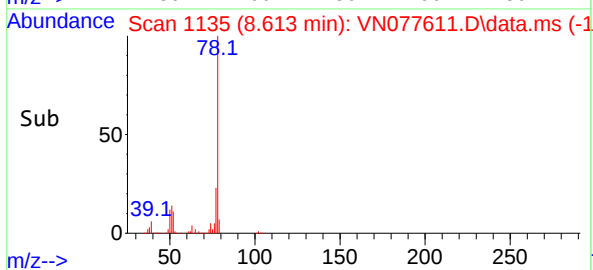
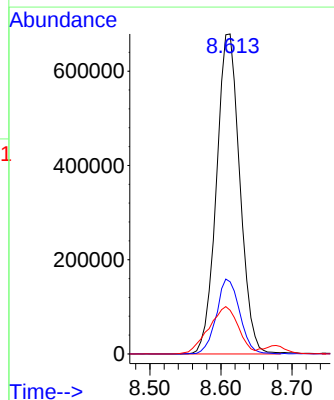
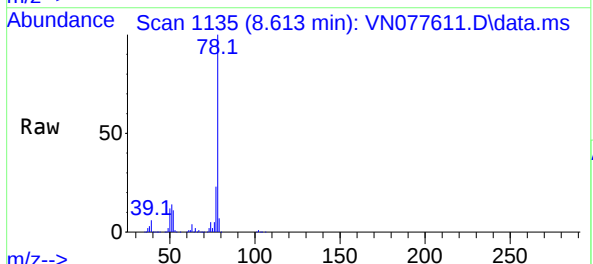


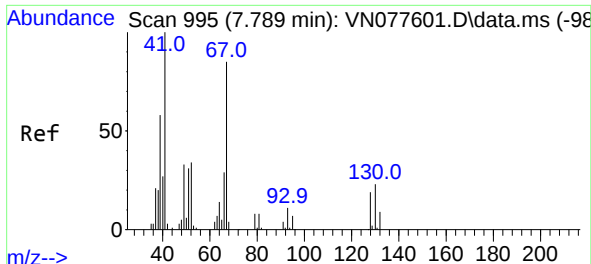
Tgt Ion:117 Resp: 575583
Ion Ratio Lower Upper
117 100
119 96.4 73.9 110.9
121 30.5 25.0 37.4



#34
Benzene
Concen: 49.276 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

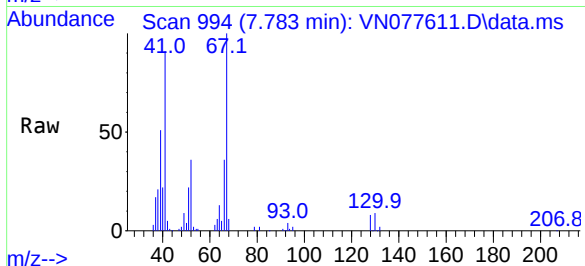
Tgt Ion: 78 Resp: 1549258
Ion Ratio Lower Upper
78 100
77 22.6 17.2 25.8
51 13.5 12.3 18.5





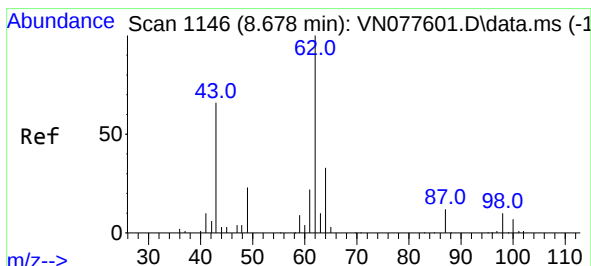
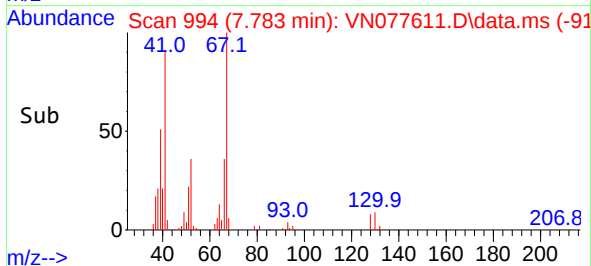
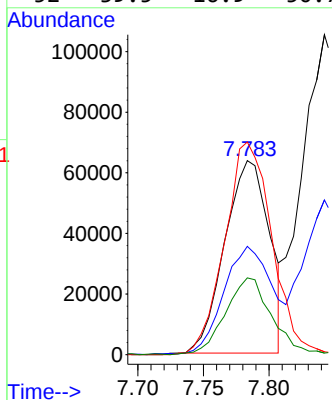
#35
Methacrylonitrile
Concen: 47.767 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 41 Resp: 150480

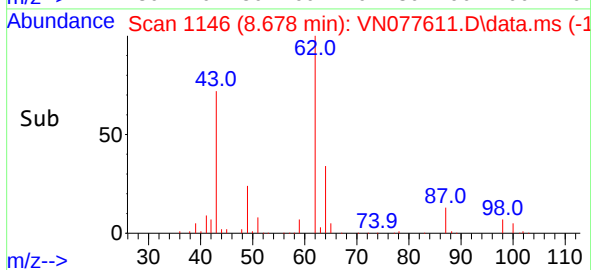
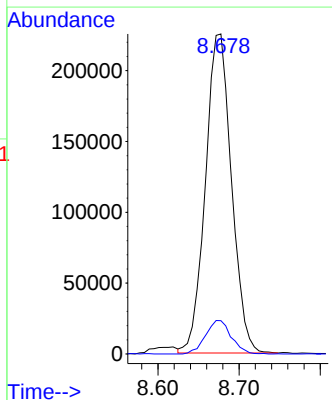
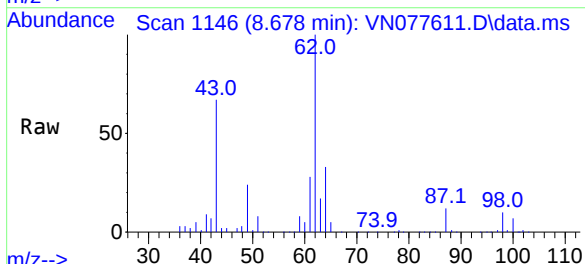
Ion	Ratio	Lower	Upper
41	100		
39	55.9	28.7	86.3
67	110.0	42.7	128.1
52	39.5	16.9	50.7

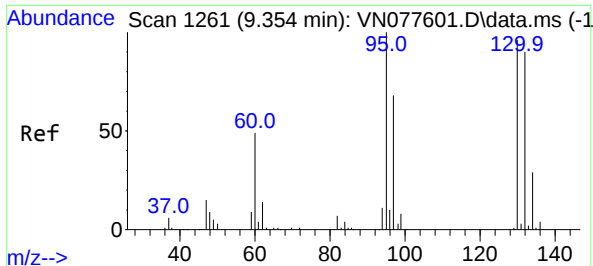


#36
1,2-Dichloroethane
Concen: 47.993 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 62 Resp: 503066

Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.6	11.4

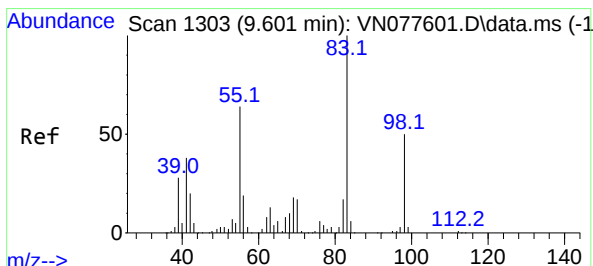
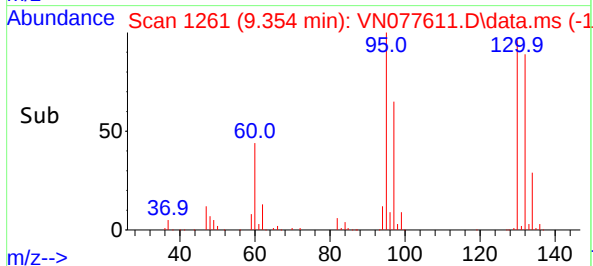
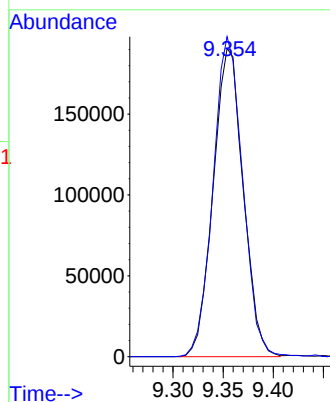
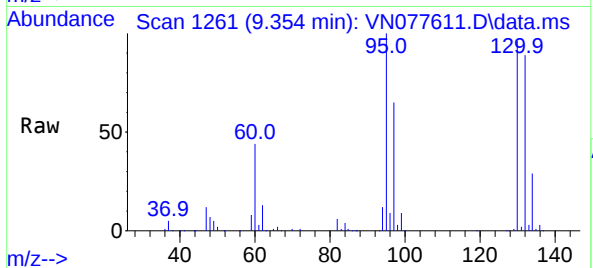




#37
Trichloroethene
Concen: 48.775 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

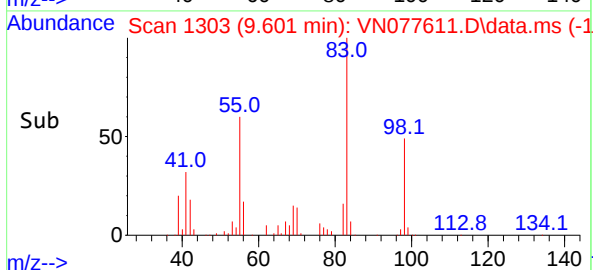
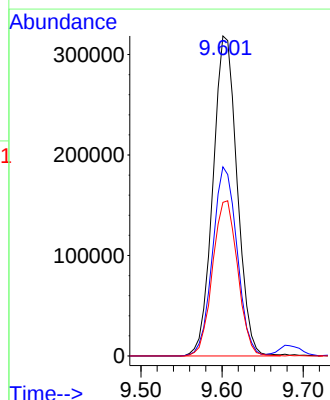
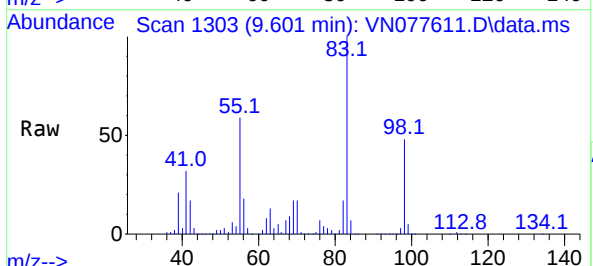
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

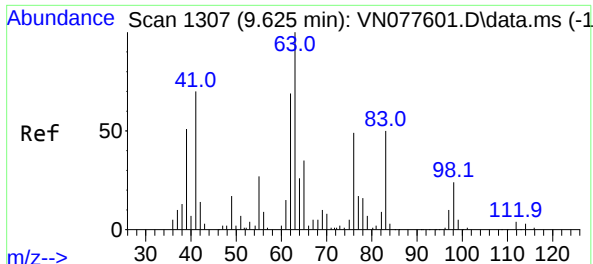
Tgt Ion:130 Resp: 396419
Ion Ratio Lower Upper
130 100
95 103.7 83.0 124.6



#38
Methylcyclohexane
Concen: 49.173 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 83 Resp: 659262
Ion Ratio Lower Upper
83 100
55 59.7 33.6 100.8
98 50.3 25.3 75.8

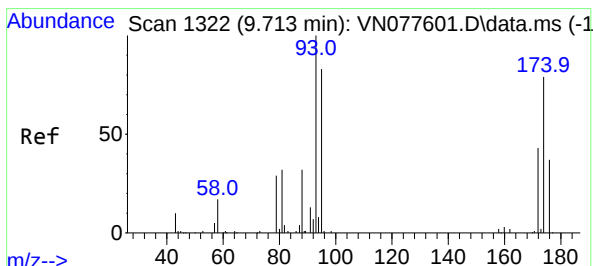
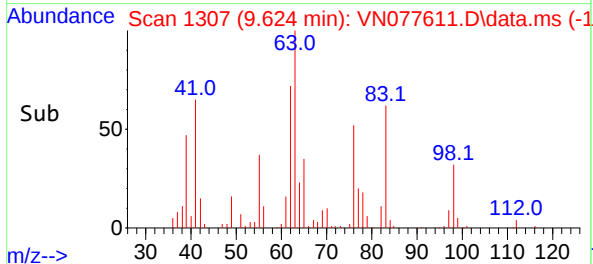
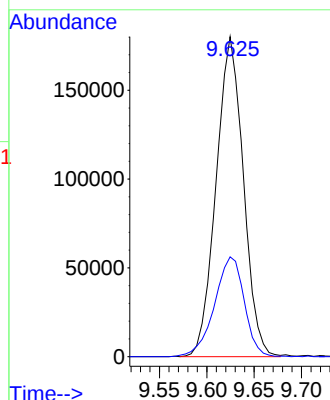
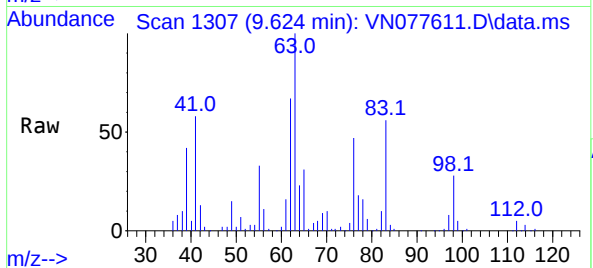




#39
1,2-Dichloropropane
Concen: 49.548 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

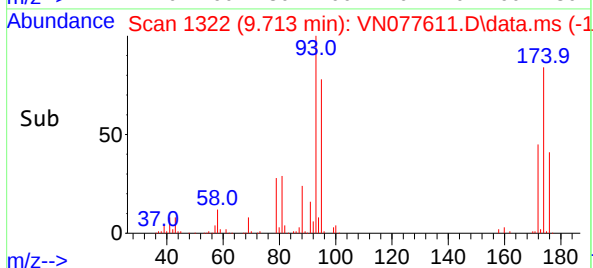
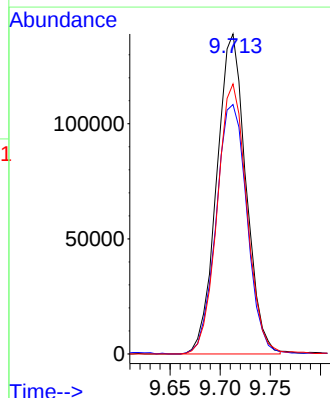
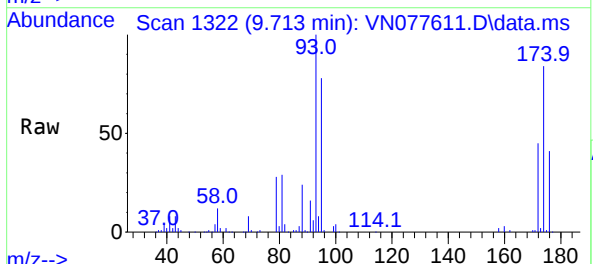
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

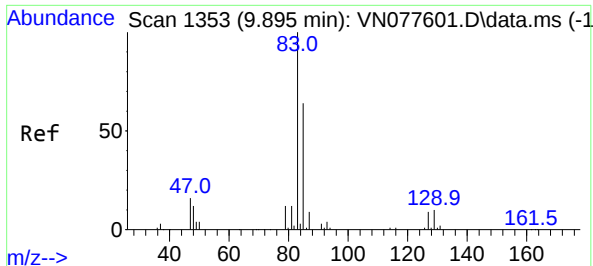
Tgt Ion: 63 Resp: 360664
Ion Ratio Lower Upper
63 100
65 31.1 28.2 42.4



#40
Dibromomethane
Concen: 49.102 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 93 Resp: 281783
Ion Ratio Lower Upper
93 100
95 82.3 0.0 164.0
174 85.2 0.0 157.0

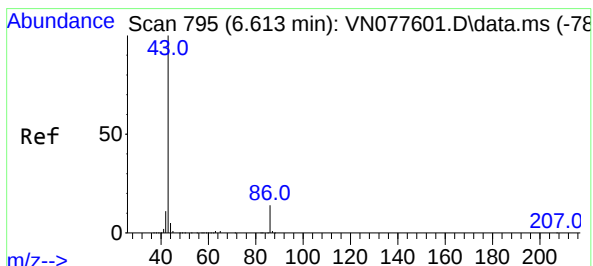
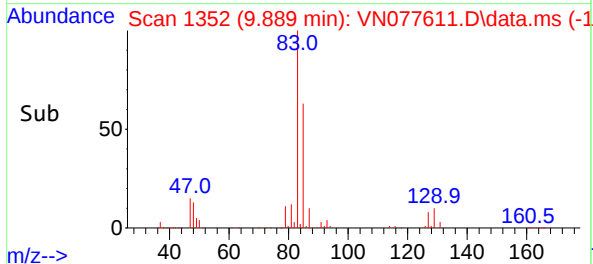
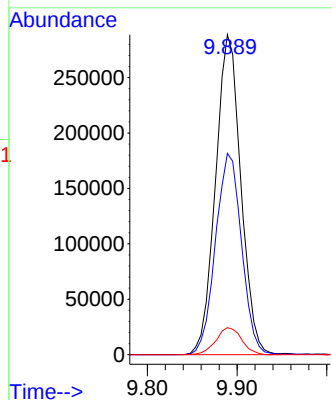
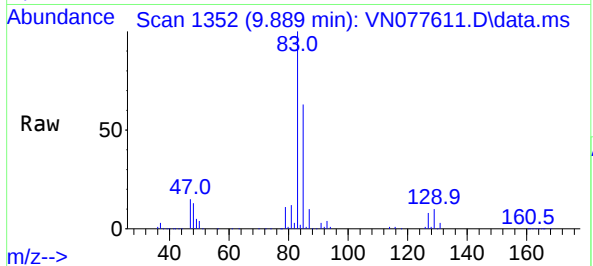




#41
Bromodichloromethane
Concen: 48.940 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

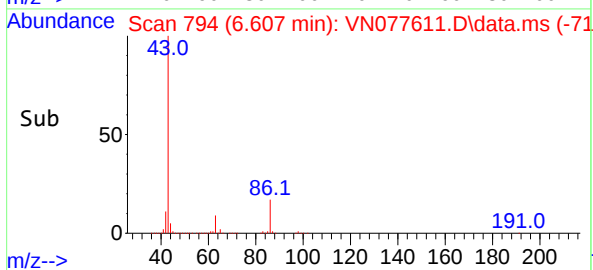
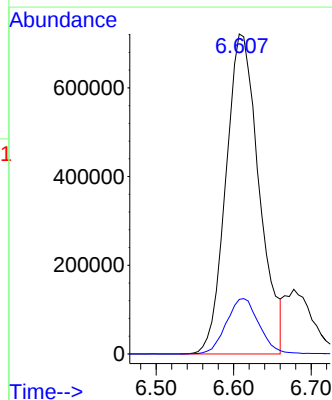
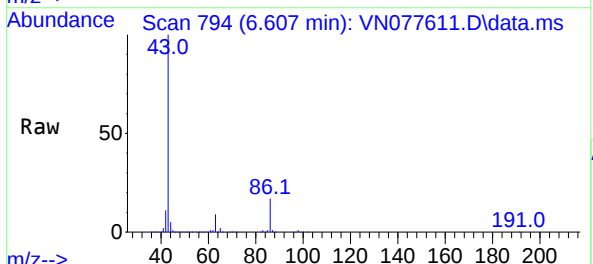
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

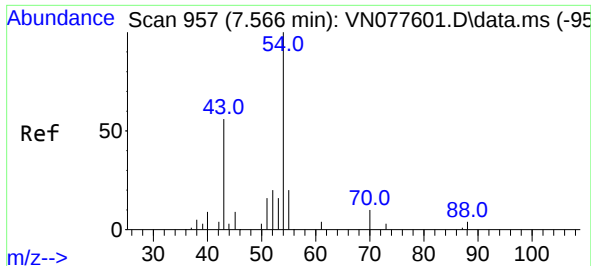
Tgt Ion: 83 Resp: 565539
Ion Ratio Lower Upper
83 100
85 62.8 51.2 76.8
127 8.5 7.3 10.9



#42
Vinyl Acetate
Concen: 209.205 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 43 Resp: 2153843
Ion Ratio Lower Upper
43 100
86 17.1 10.3 15.5#

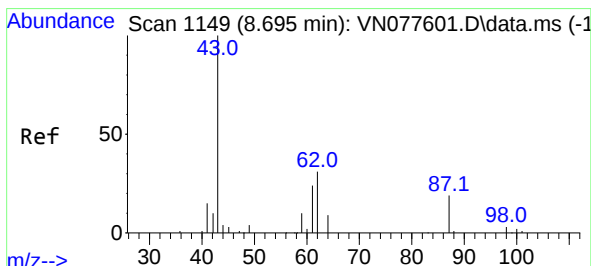
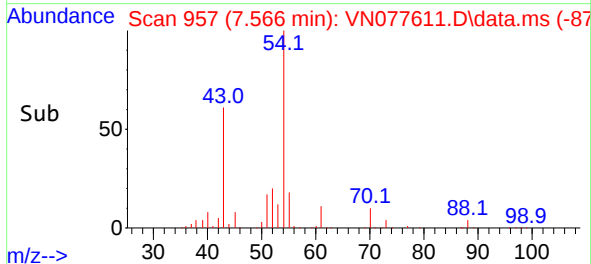
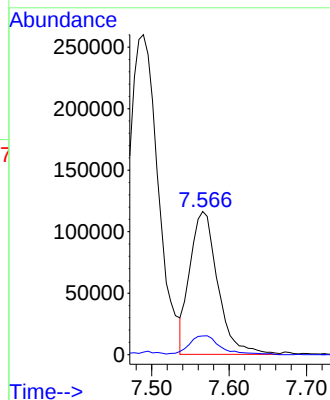
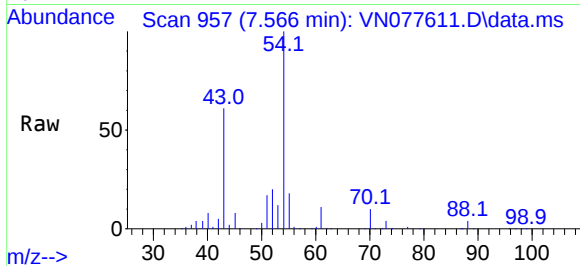




#43
Ethyl Acetate
Concen: 48.538 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

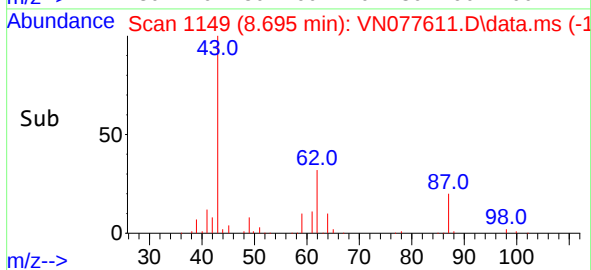
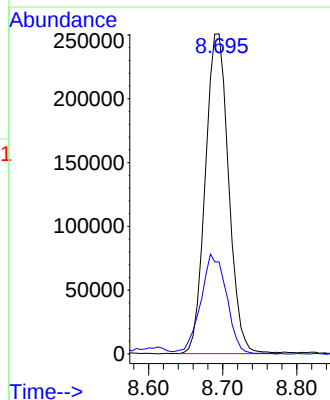
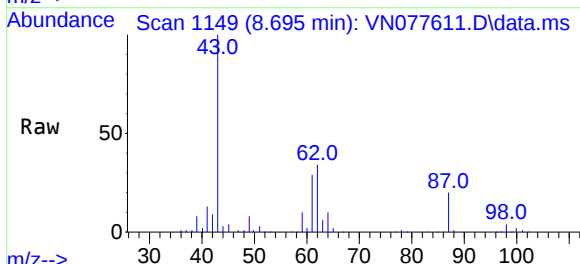
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

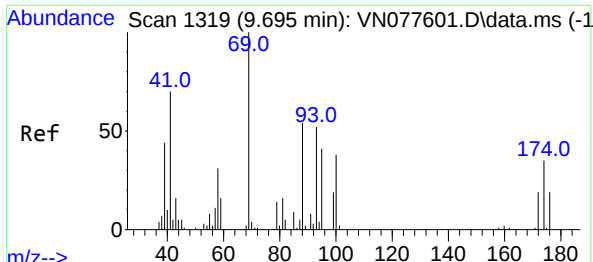
Tgt Ion: 43 Resp: 289519
Ion Ratio Lower Upper
43 100
45 14.9 8.2 12.4#



#44
Isopropyl Acetate
Concen: 50.131 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 43 Resp: 547499
Ion Ratio Lower Upper
43 100
61 34.7 23.2 34.8

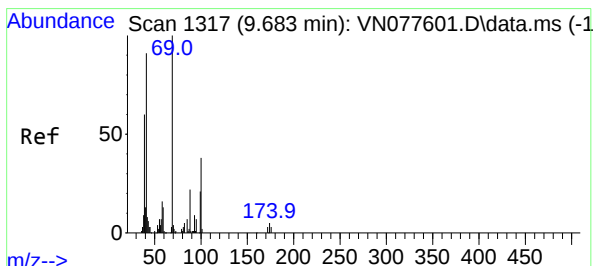
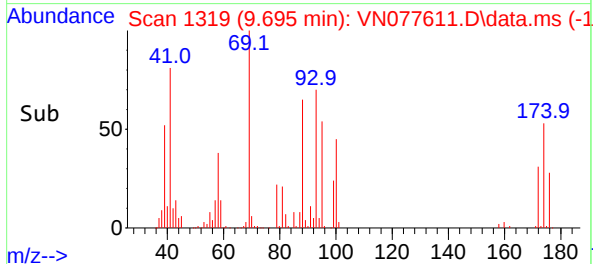
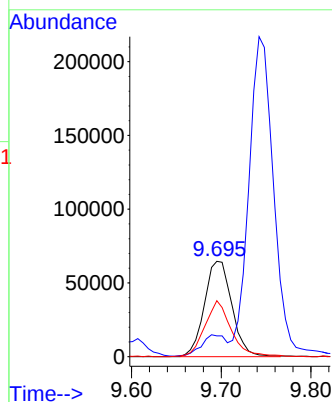
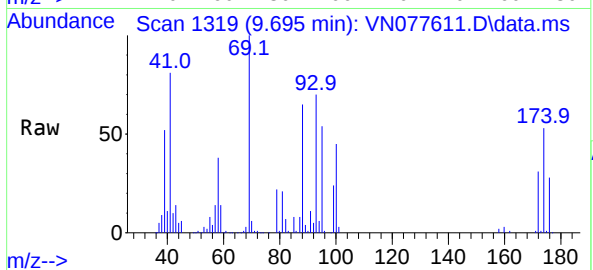




#45
1,4-Dioxane
Concen: 1013.268 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

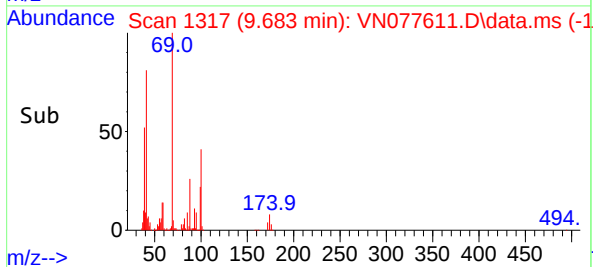
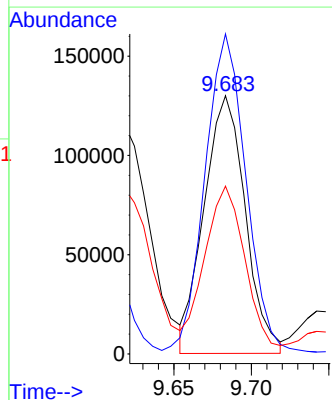
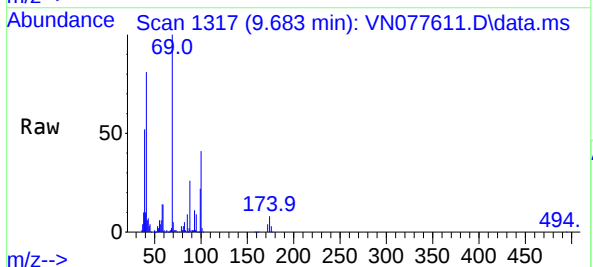
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

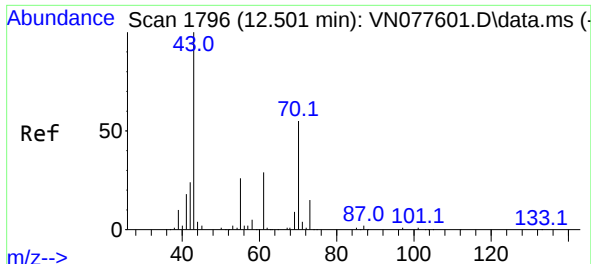
Tgt Ion: 88 Resp: 137559
Ion Ratio Lower Upper
88 100
43 20.0 18.2 27.2
58 56.4 47.5 71.3



#46
Methyl methacrylate
Concen: 48.940 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 41 Resp: 240040
Ion Ratio Lower Upper
41 100
69 126.1 52.0 156.0
39 64.7 33.6 100.6

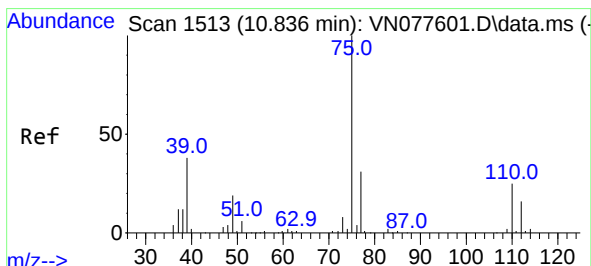
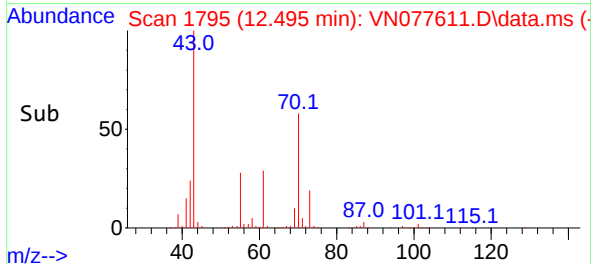
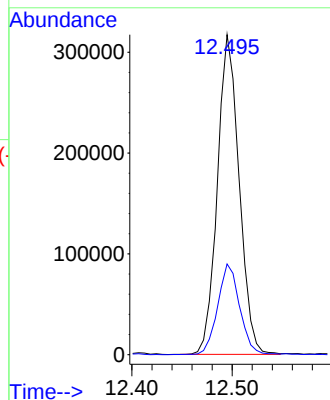
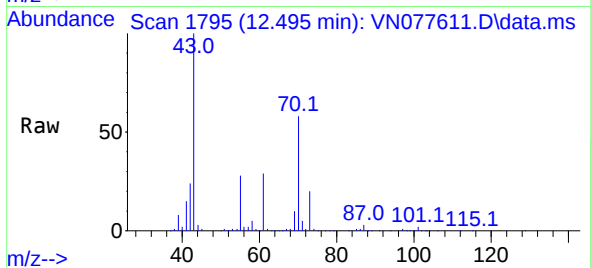




#47
n-amy1 Acetate
Concen: 50.729 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

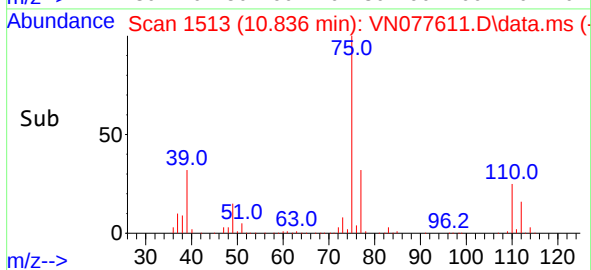
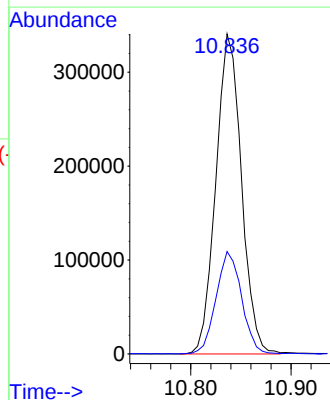
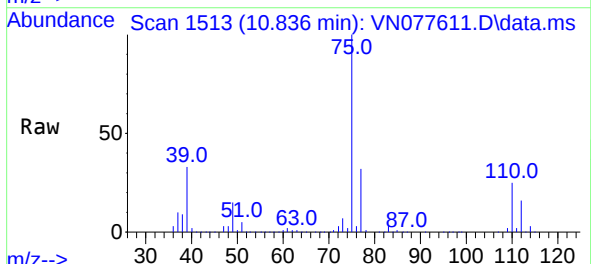
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

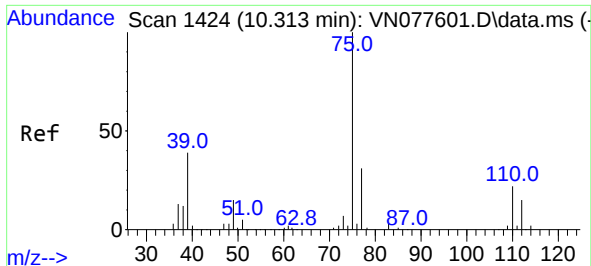
Tgt Ion: 43 Resp: 477160
Ion Ratio Lower Upper
43 100
55 28.8 21.4 32.0



#48
t-1,3-Dichloropropene
Concen: 51.714 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 75 Resp: 602469
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7



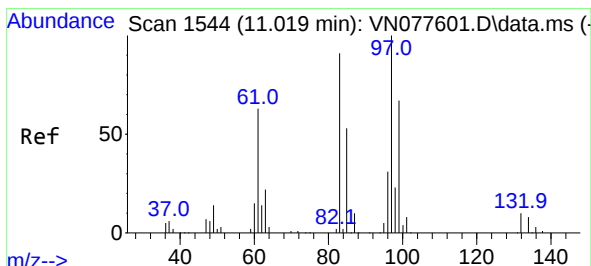
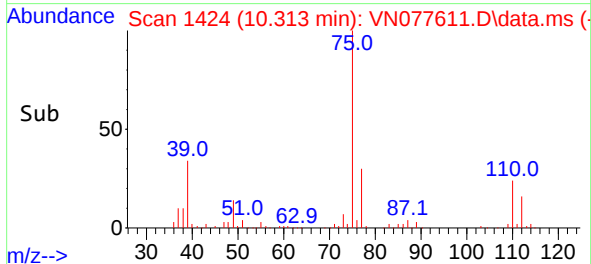
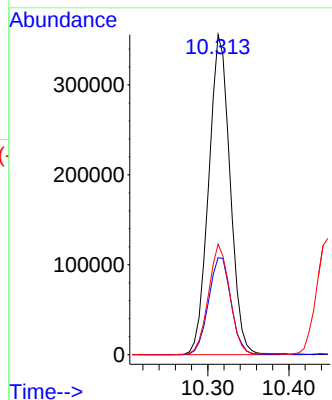
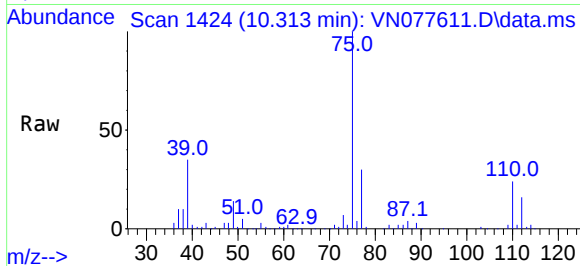


#49
 cis-1,3-Dichloropropene
 Concen: 51.032 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077611.D
 Acq: 08 May 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 75 Resp: 651626

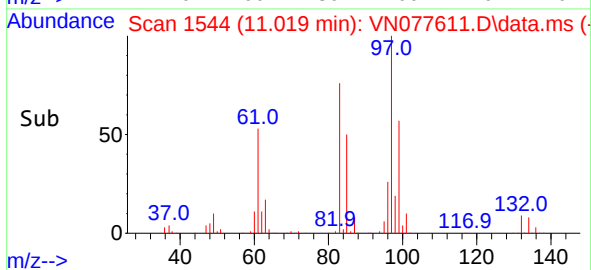
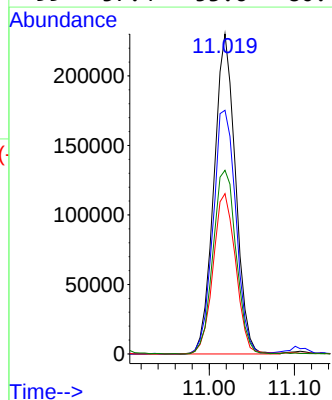
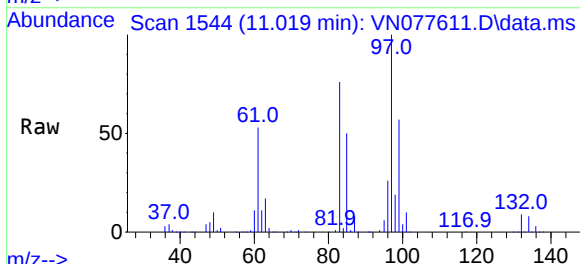
Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.7	37.1
39	34.4	31.0	46.6

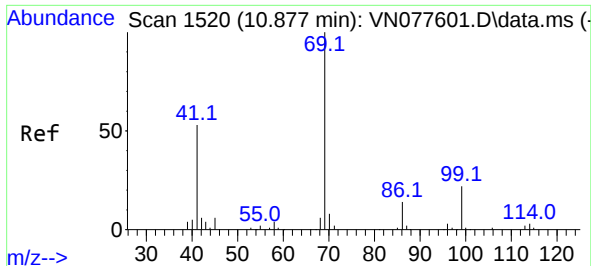


#50
 1,1,2-Trichloroethane
 Concen: 49.091 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077611.D
 Acq: 08 May 2023 11:46

Tgt Ion: 97 Resp: 405710

Ion	Ratio	Lower	Upper
97	100		
83	76.2	72.6	108.8
85	50.1	42.6	63.8
99	57.4	53.6	80.4

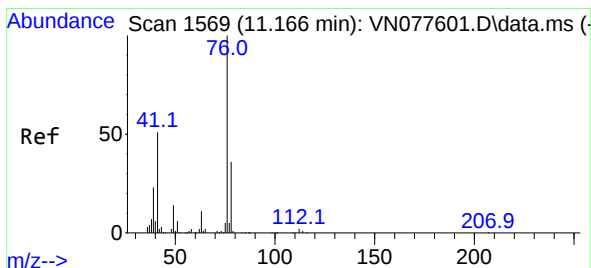
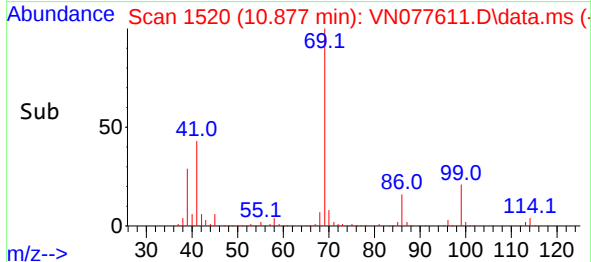
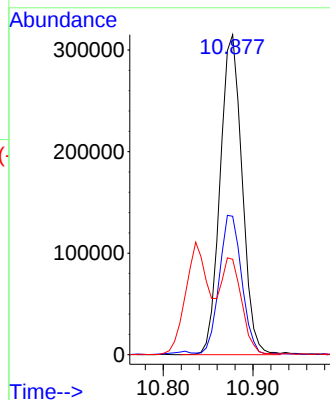
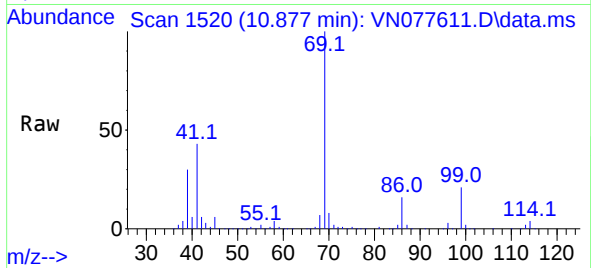




#51
Ethyl methacrylate
Concen: 50.232 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

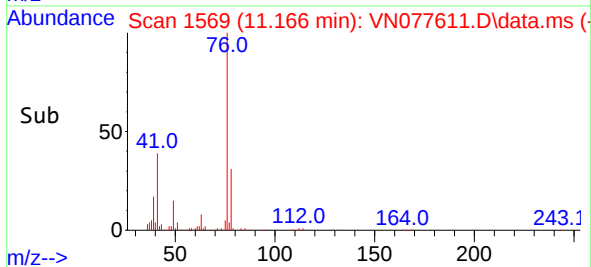
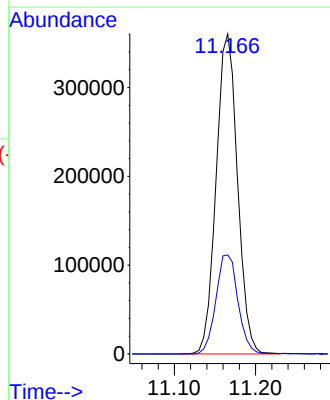
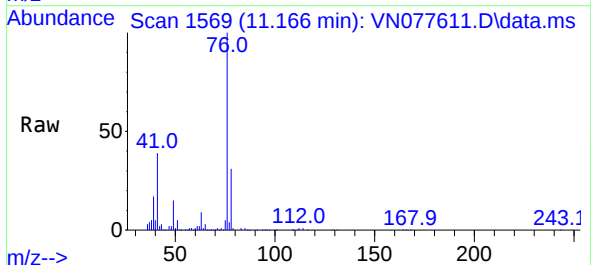
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

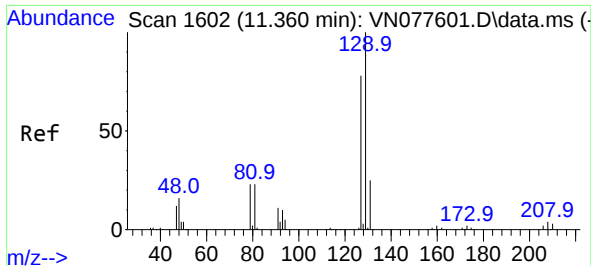
Tgt Ion: 69 Resp: 535902
Ion Ratio Lower Upper
69 100
41 43.0 26.3 78.9
39 29.3 18.1 54.1



#52
1,3-Dichloropropane
Concen: 49.280 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 76 Resp: 658498
Ion Ratio Lower Upper
76 100
78 32.1 0.0 66.4

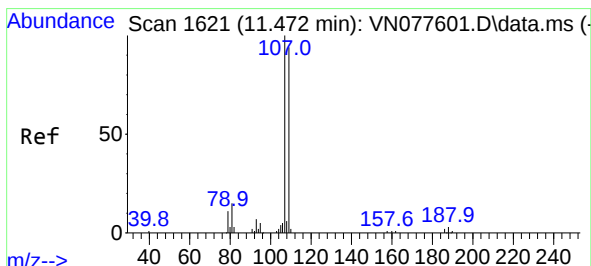
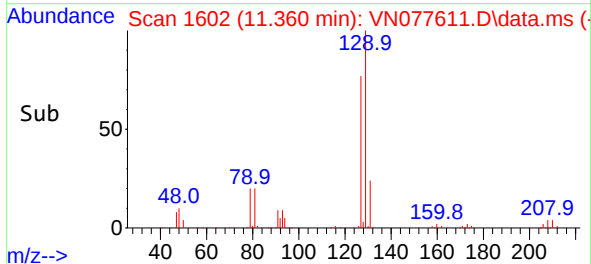
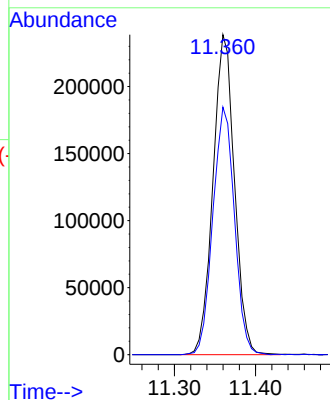
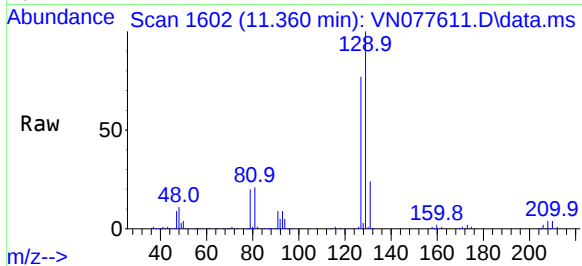




#53
Dibromochloromethane
Concen: 51.069 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

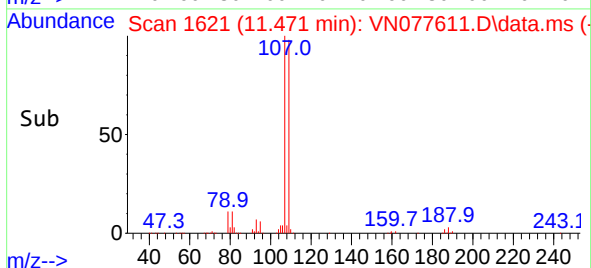
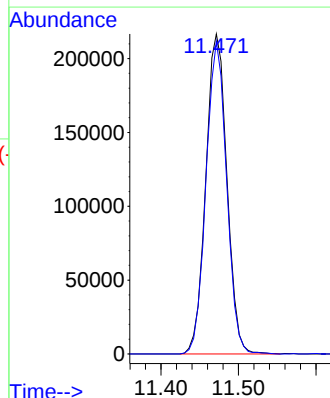
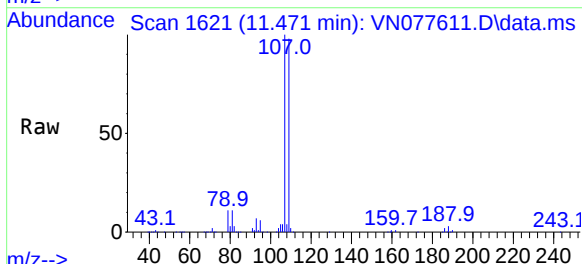
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

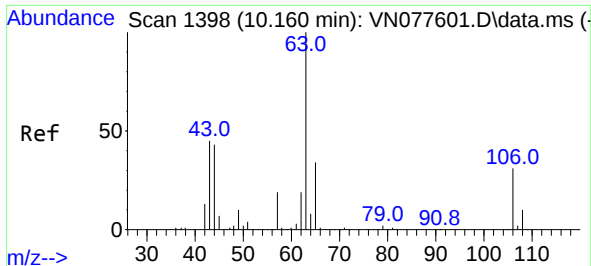
Tgt Ion:129 Resp: 439117
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1



#54
1,2-Dibromoethane
Concen: 49.941 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion:107 Resp: 409978
Ion Ratio Lower Upper
107 100
109 95.1 77.4 116.2



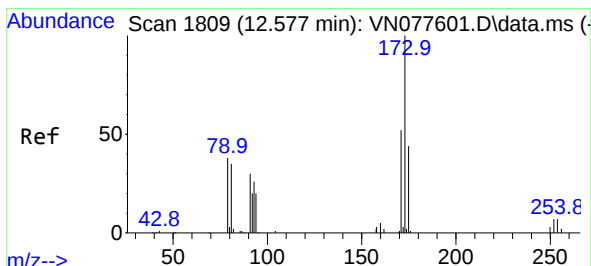
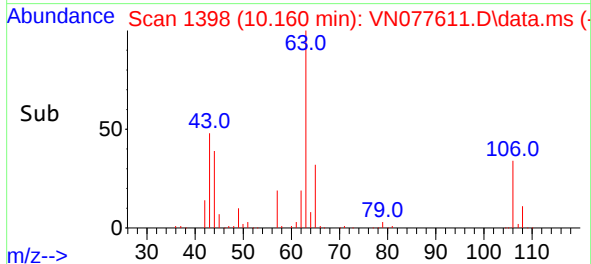
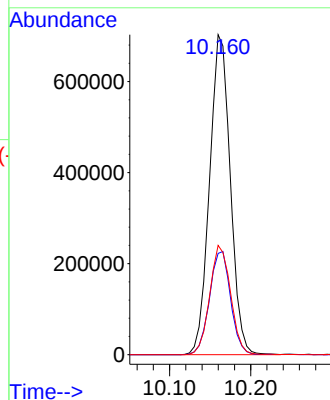
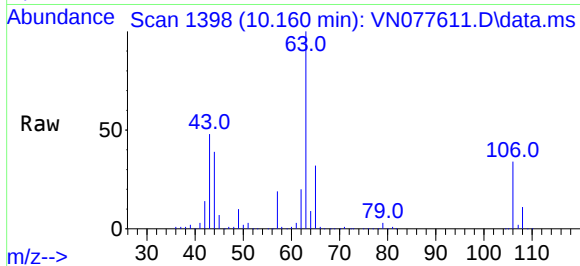


#55
2-Chloroethyl vinyl ether
Concen: 258.630 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 1247731

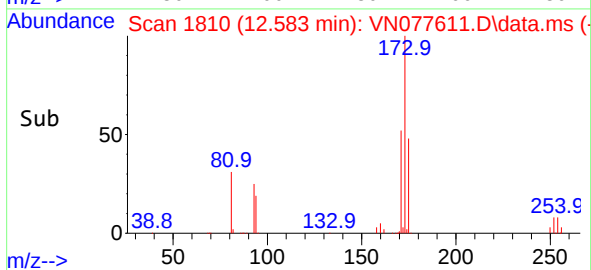
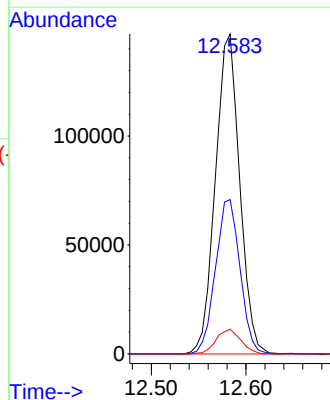
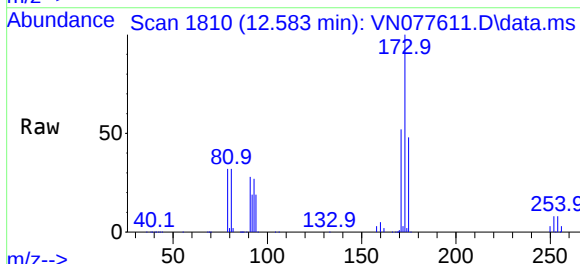
Ion	Ratio	Lower	Upper
63	100		
65	32.9	26.8	40.2
106	34.3	25.6	38.4

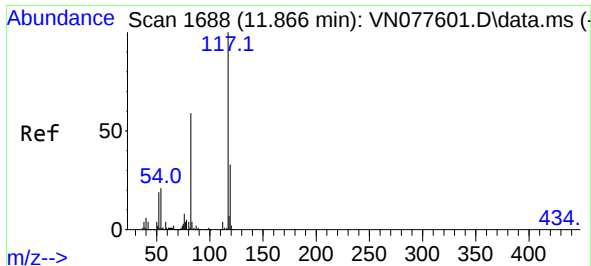


#56
Bromoform
Concen: 51.761 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 173 Resp: 261878

Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.2
254	7.9	5.8	8.6

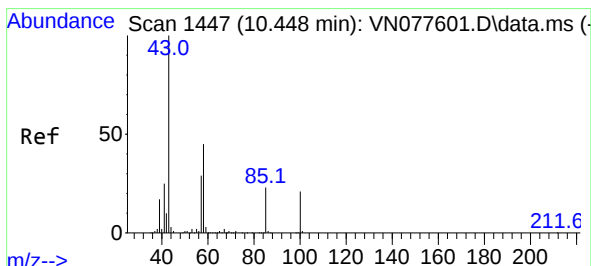
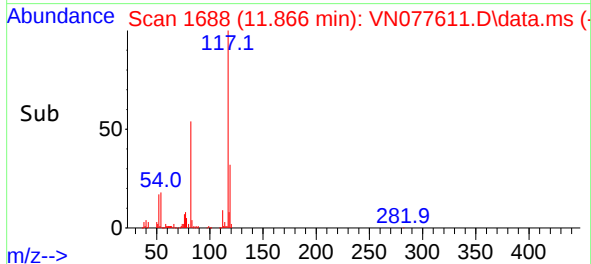
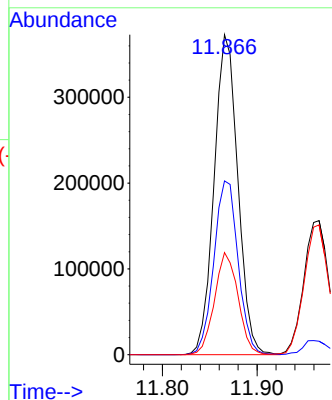
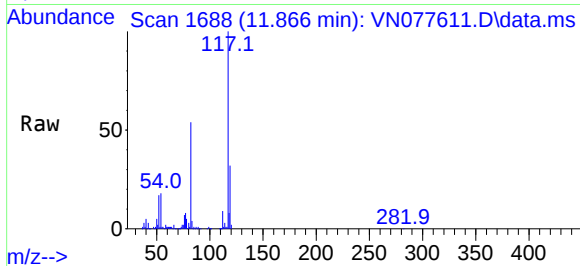




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

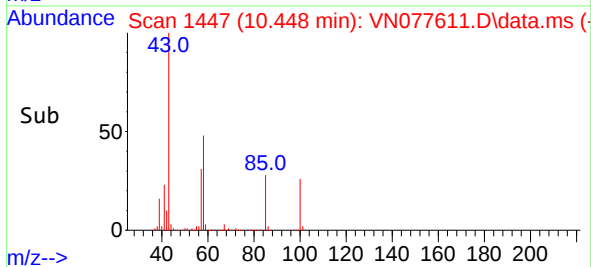
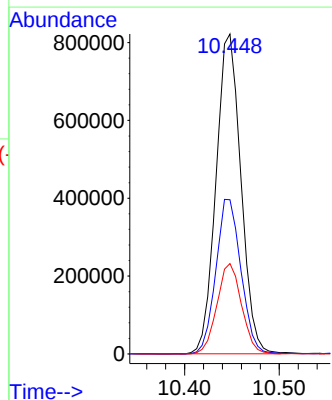
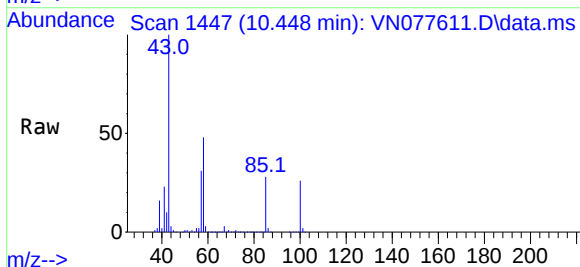
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

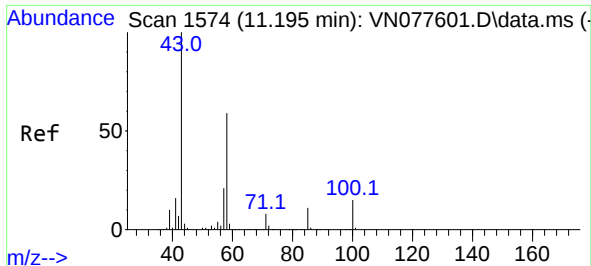
Tgt Ion:117 Resp: 649932
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.7 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 250.954 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 43 Resp: 1502010
Ion Ratio Lower Upper
43 100
58 48.8 35.4 53.2
85 27.9 18.2 27.2#

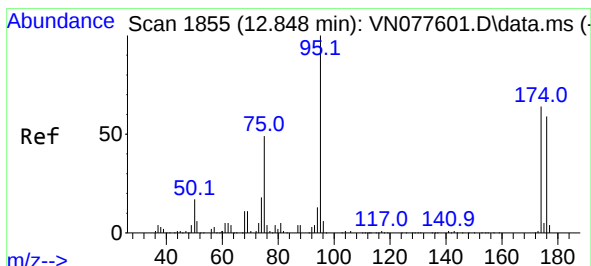
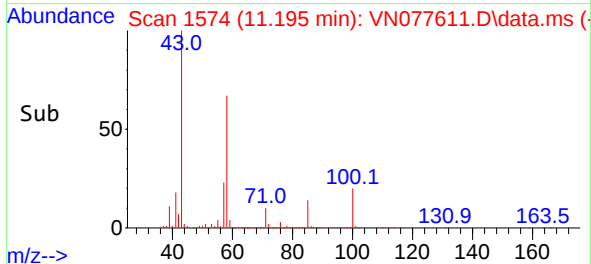
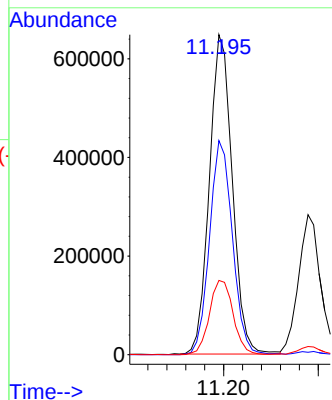
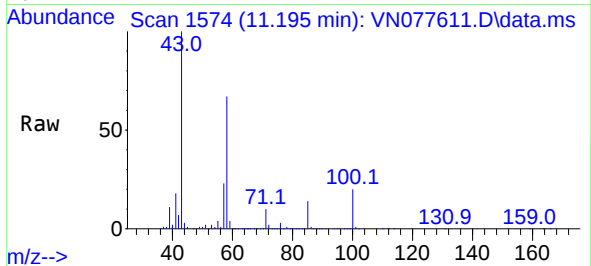




#59
2-Hexanone
Concen: 251.545 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

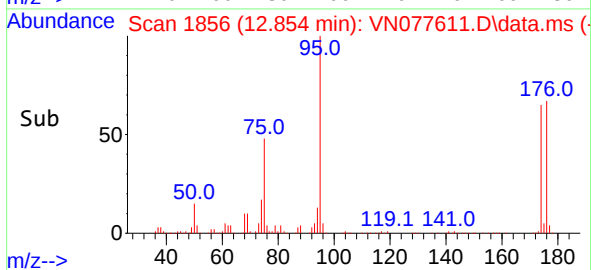
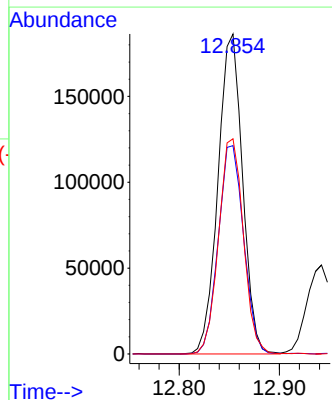
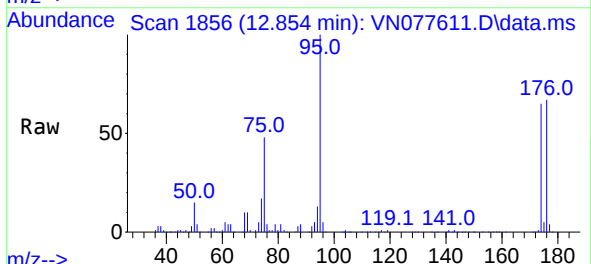
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

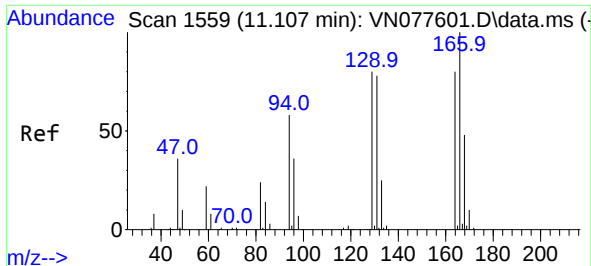
Tgt Ion: 43 Resp: 1086795
Ion Ratio Lower Upper
43 100
58 67.1 48.2 72.2
57 24.1 17.3 25.9



#60
4-Bromofluorobenzene
Concen: 30.670 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 95 Resp: 316954
Ion Ratio Lower Upper
95 100
174 67.2 53.4 80.0
176 67.5 50.0 75.0

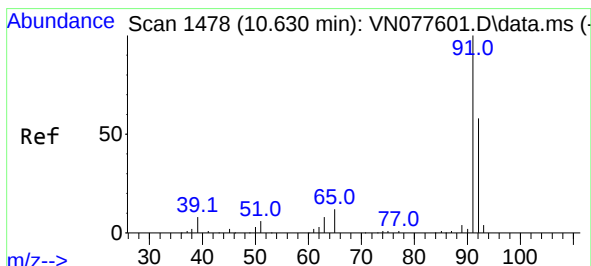
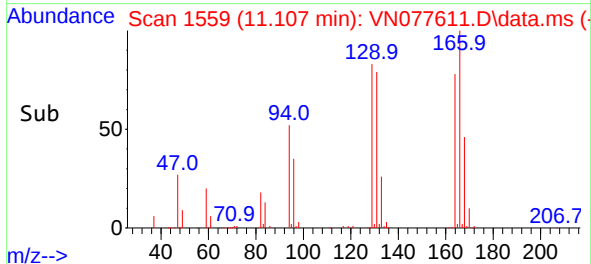
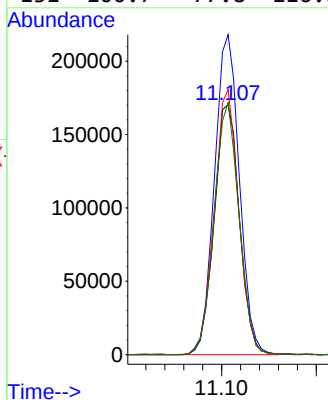
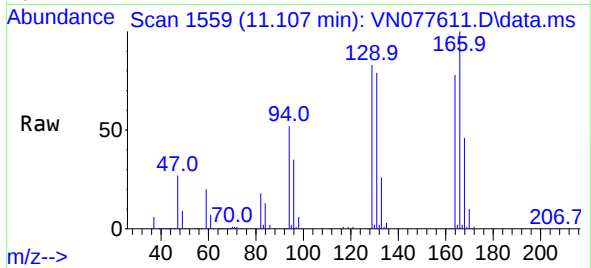




#61
Tetrachloroethene
Concen: 50.312 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

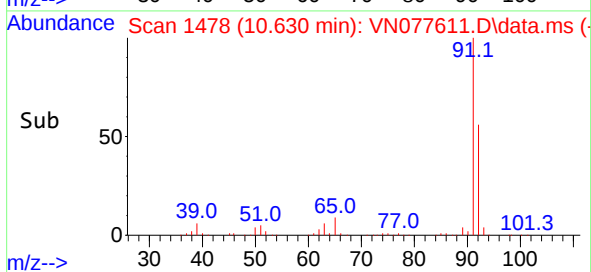
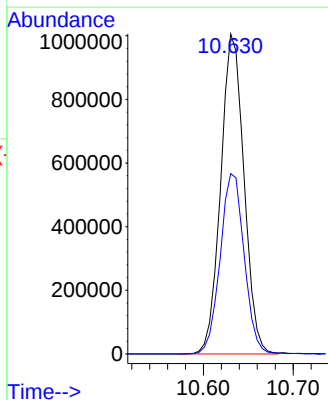
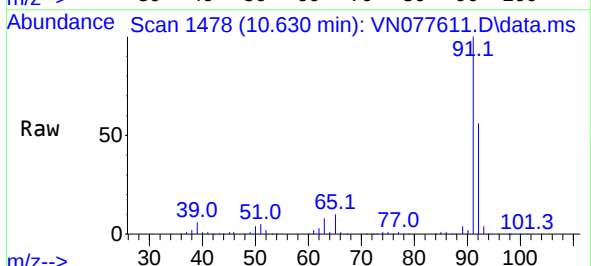
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

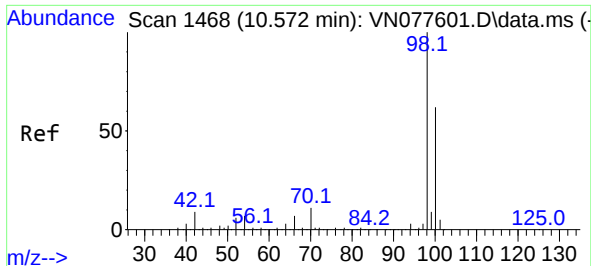
Tgt Ion:164 Resp: 316294
Ion Ratio Lower Upper
164 100
166 127.9 100.5 150.7
129 106.0 80.6 120.8
131 100.7 77.8 116.8



#62
Toluene
Concen: 50.351 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 91 Resp: 1811786
Ion Ratio Lower Upper
91 100
92 58.1 47.0 70.6

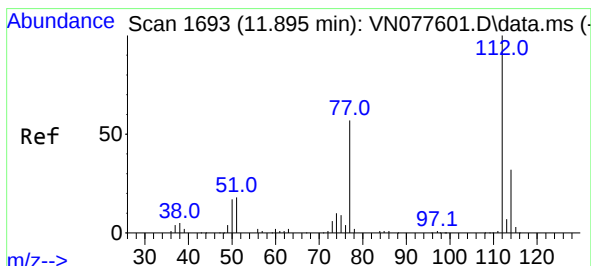
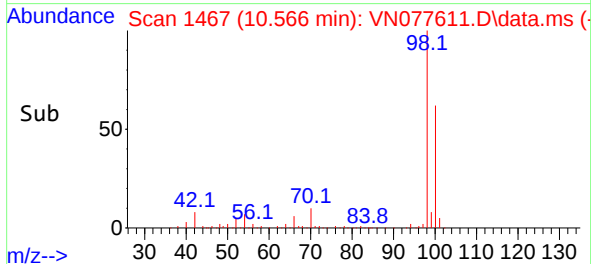
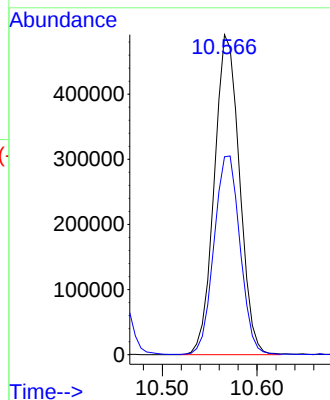
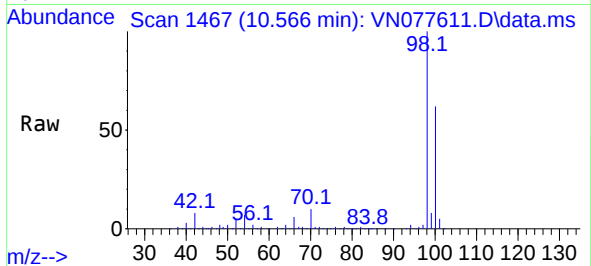




#63
Toluene-d8
Concen: 30.324 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

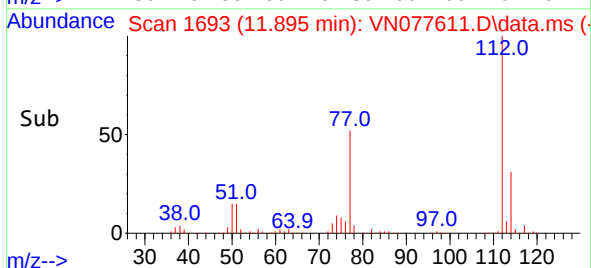
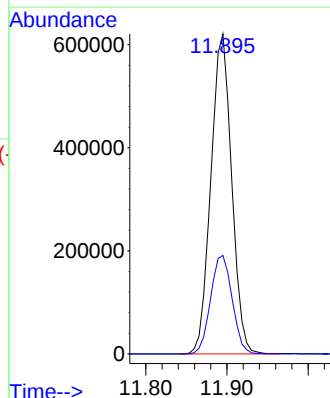
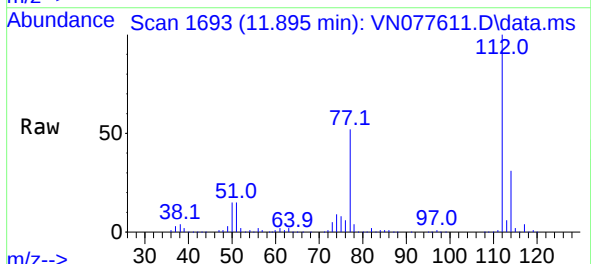
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

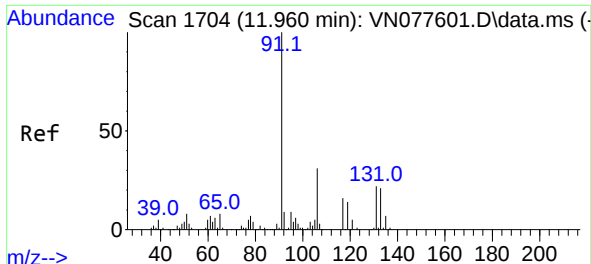
Tgt Ion: 98 Resp: 910277
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#64
Chlorobenzene
Concen: 49.810 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion:112 Resp: 1102255
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8

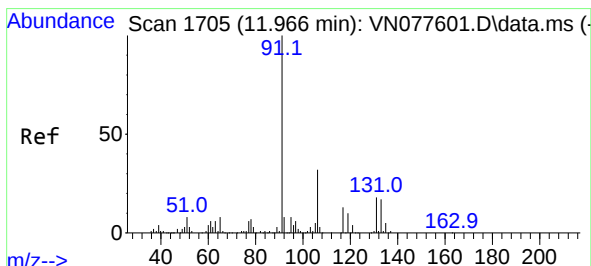
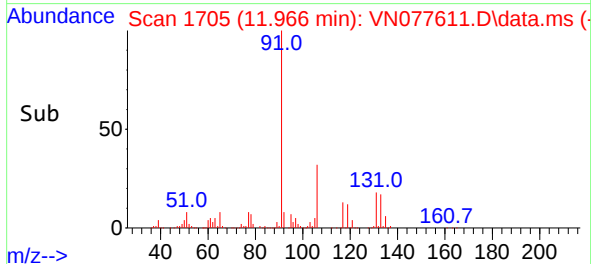
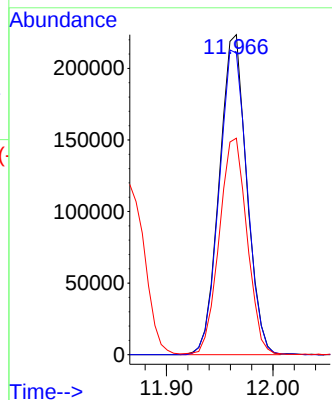
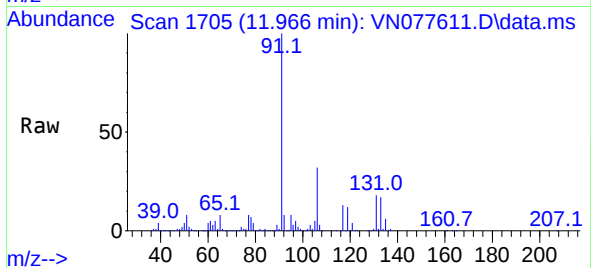




#65
1,1,1,2-Tetrachloroethane
Concen: 49.960 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

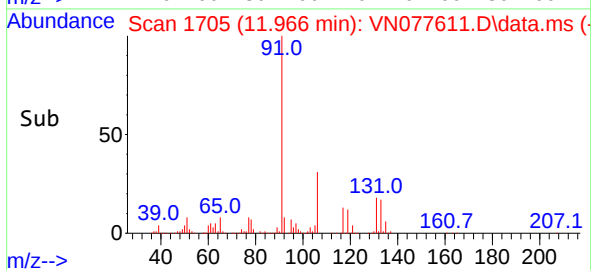
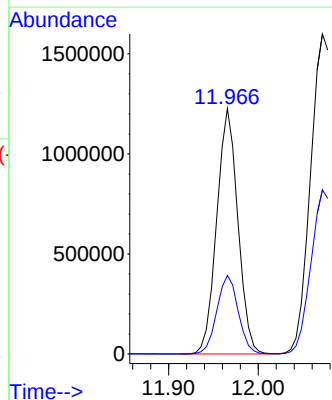
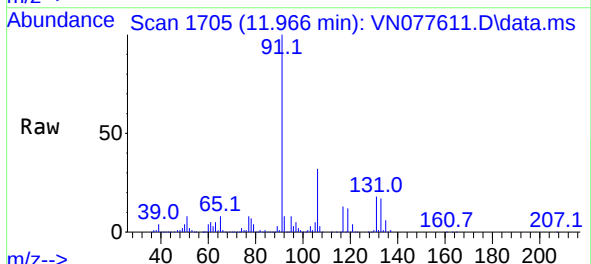
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

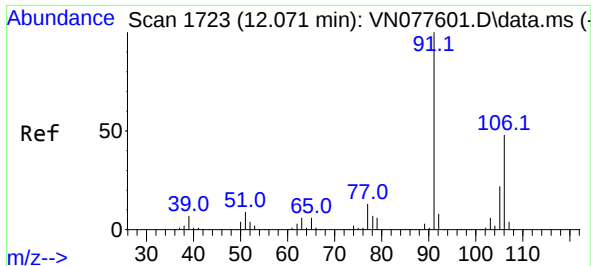
Tgt Ion:131 Resp: 398836
Ion Ratio Lower Upper
131 100
133 97.2 0.0 181.2
119 68.6 0.0 125.0



#66
Ethyl Benzene
Concen: 50.281 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 91 Resp: 2004711
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5

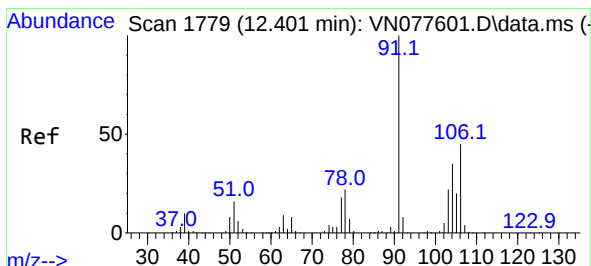
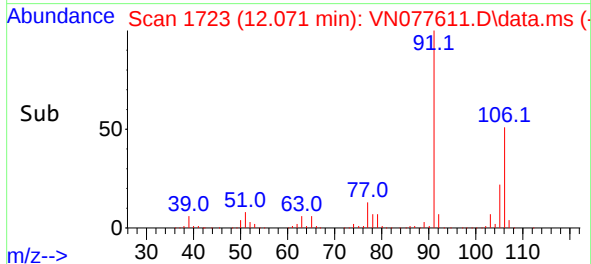
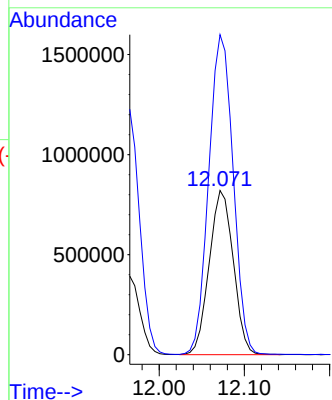
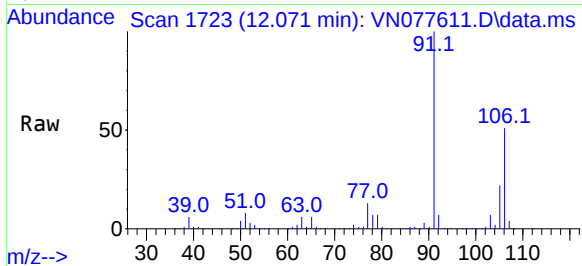




#67
m/p-Xylenes
Concen: 102.797 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

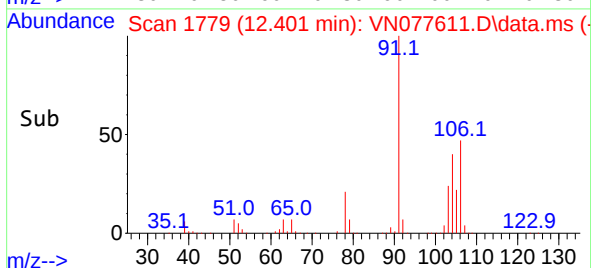
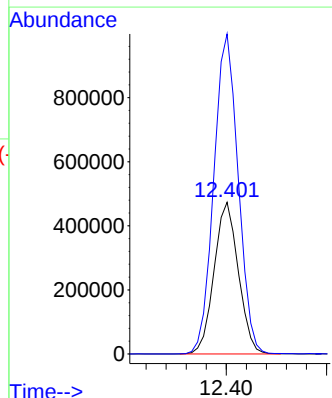
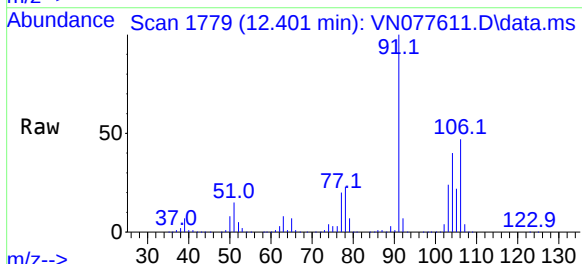
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

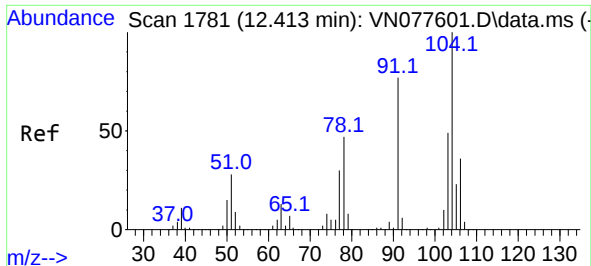
Tgt Ion:106 Resp: 1612528
Ion Ratio Lower Upper
106 100
91 197.1 162.6 244.0



#68
o-Xylene
Concen: 51.396 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion:106 Resp: 794528
Ion Ratio Lower Upper
106 100
91 212.0 109.5 328.4

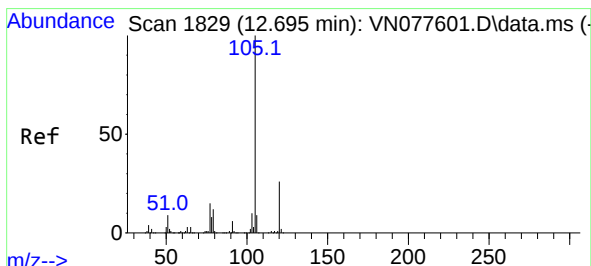
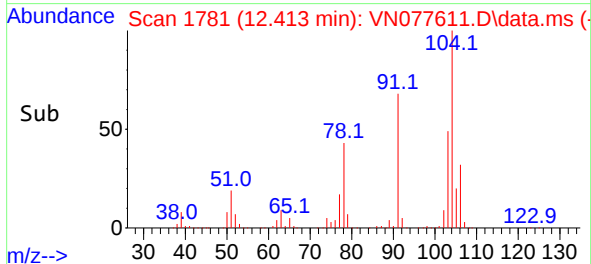
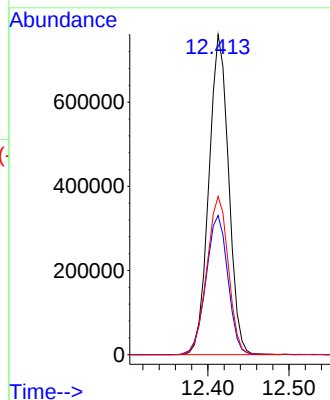
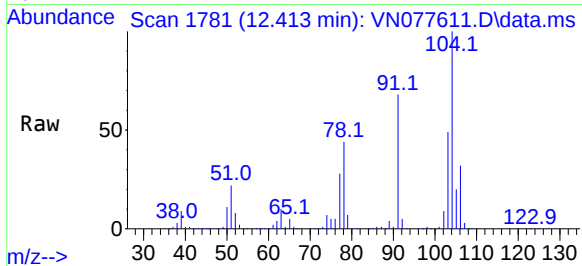




#69
Styrene
Concen: 52.007 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

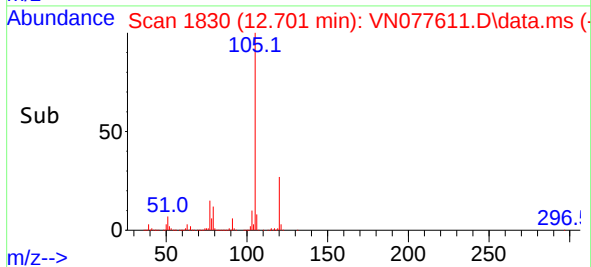
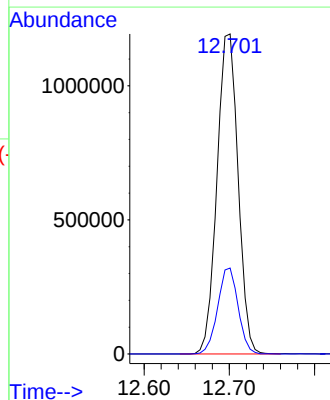
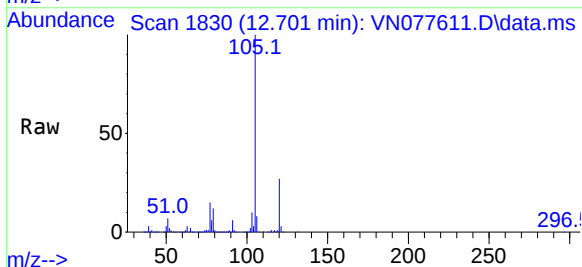
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

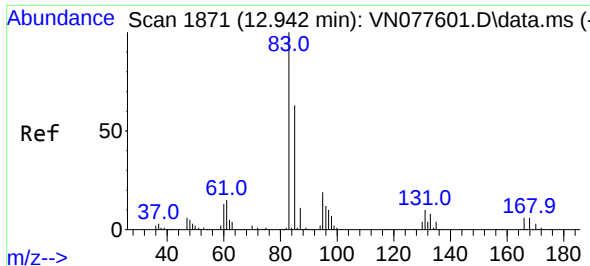
Tgt Ion:104 Resp: 1285540
Ion Ratio Lower Upper
104 100
78 48.1 41.3 61.9
103 53.8 44.0 66.0



#70
Isopropylbenzene
Concen: 51.066 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion:105 Resp: 2050467
Ion Ratio Lower Upper
105 100
120 26.0 18.5 34.3

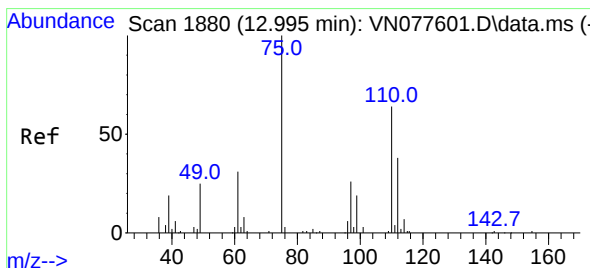
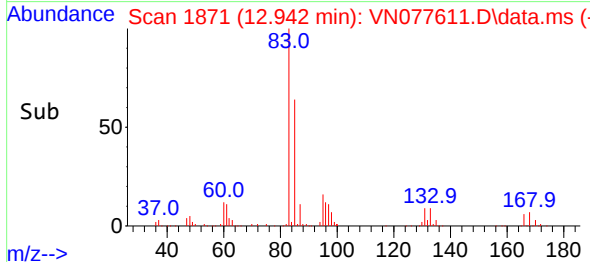
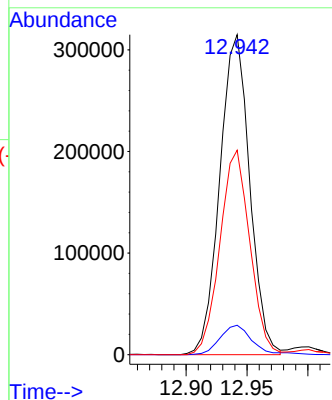
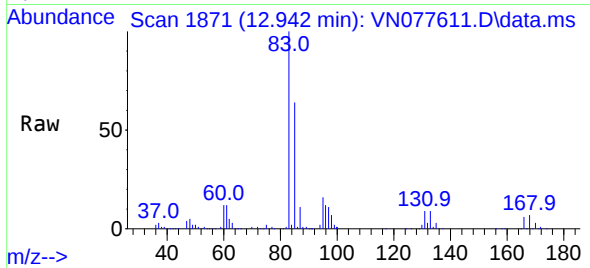




#71
1,1,2,2-Tetrachloroethane
Concen: 50.018 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

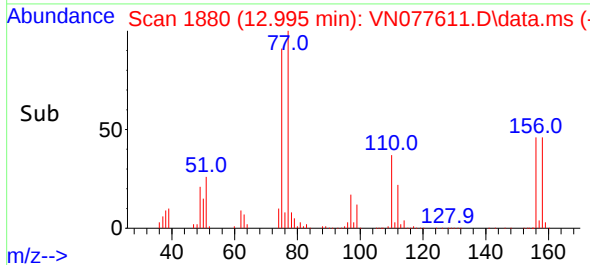
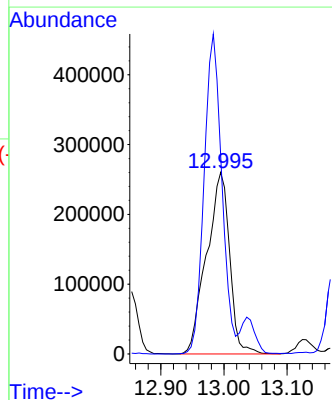
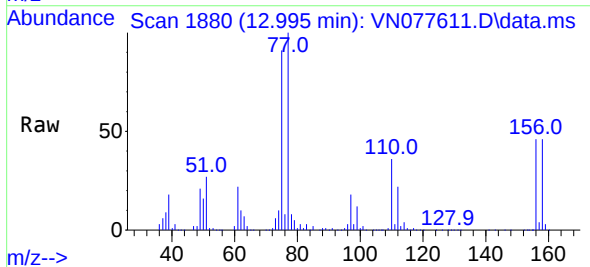
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

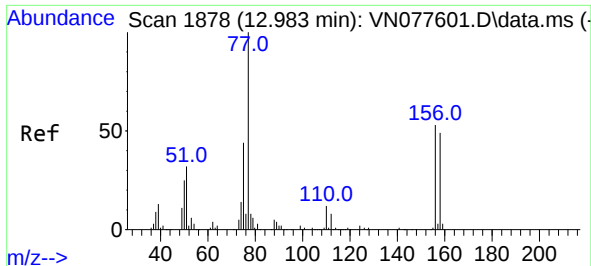
Tgt Ion: 83 Resp: 538576
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 63.8 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 73.470 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 75 Resp: 658249
Ion Ratio Lower Upper
75 100
77 135.8 0.0 354.6

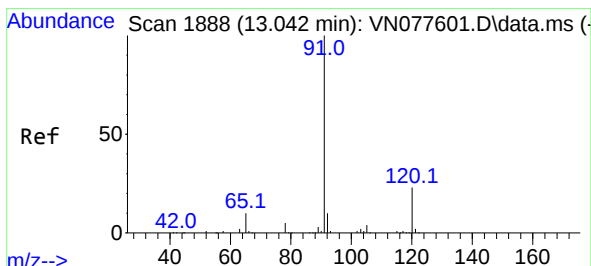
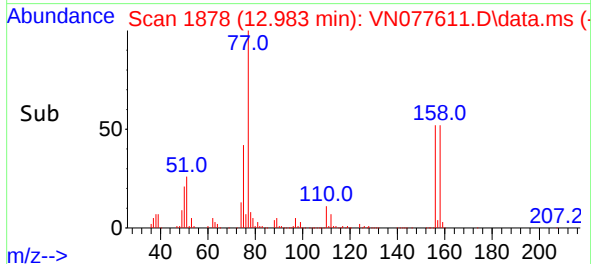
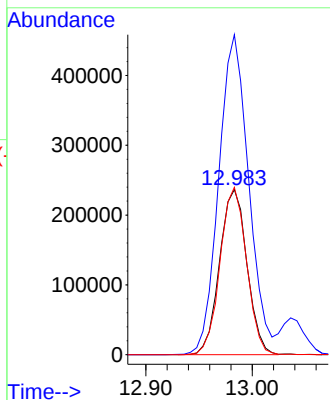
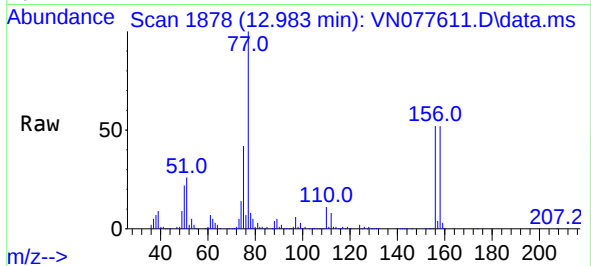




#73
Bromobenzene
Concen: 50.307 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

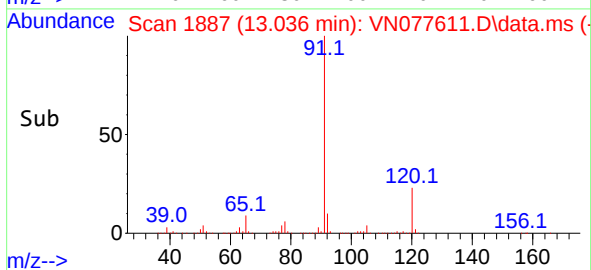
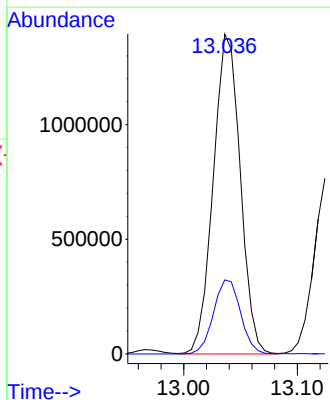
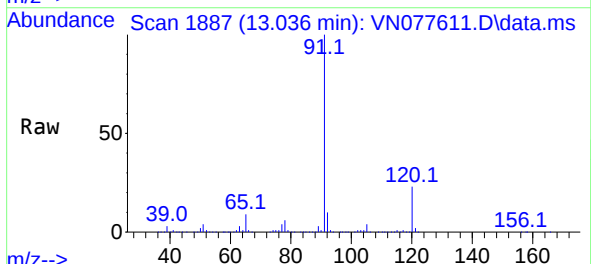
Instrument :
MSVOA_N
ClientSampleId :
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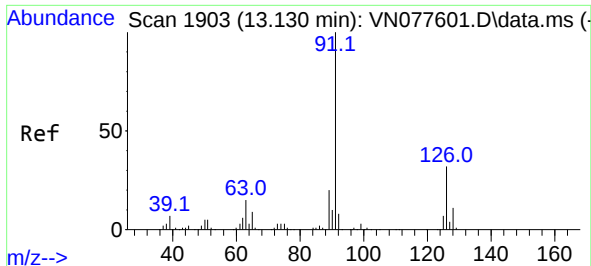
Tgt Ion:156 Resp: 422373
Ion Ratio Lower Upper
156 100
77 211.6 0.0 466.4
158 97.8 0.0 196.2



#74
n-propylbenzene
Concen: 51.236 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 91 Resp: 2300253
Ion Ratio Lower Upper
91 100
120 23.2 0.0 45.6

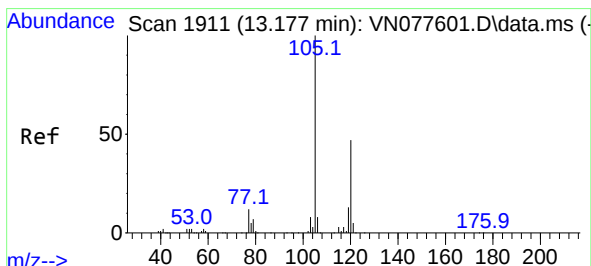
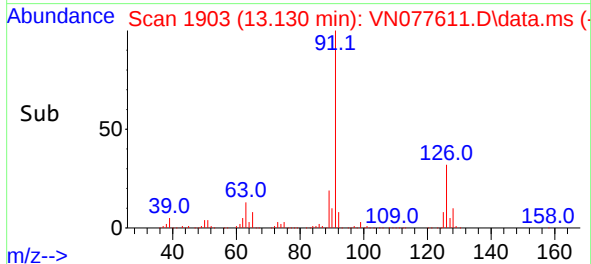
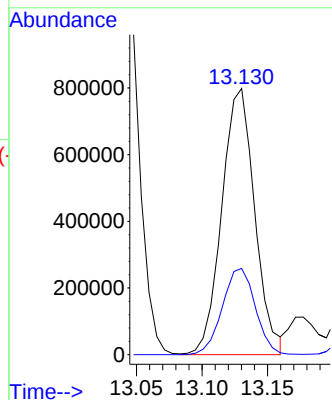
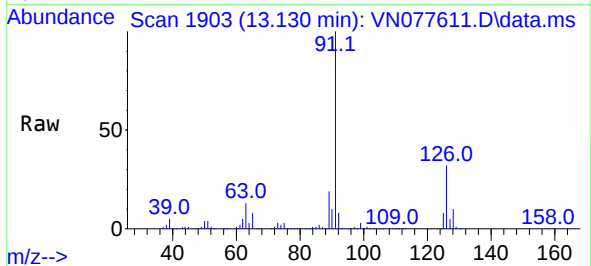




#75
2-Chlorotoluene
Concen: 51.387 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

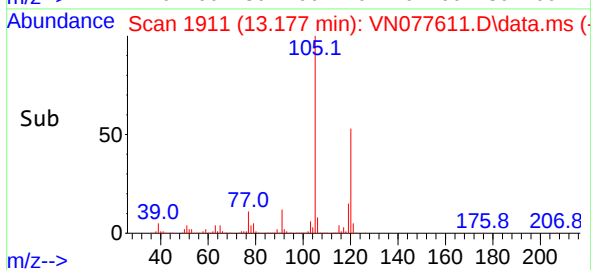
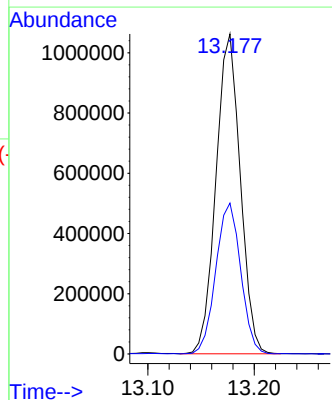
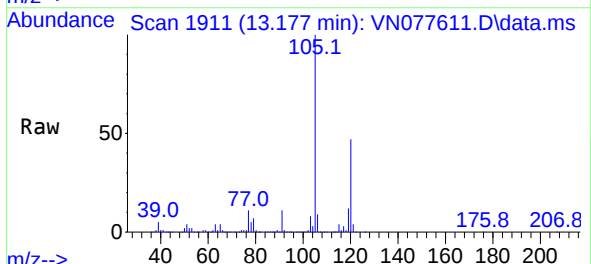
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

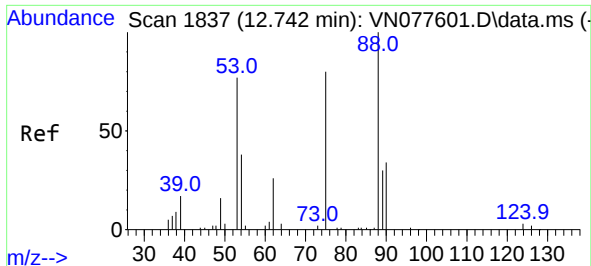
Tgt Ion: 91 Resp: 1395322
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 53.043 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 105 Resp: 1683196
Ion Ratio Lower Upper
105 100
120 48.2 0.0 95.2

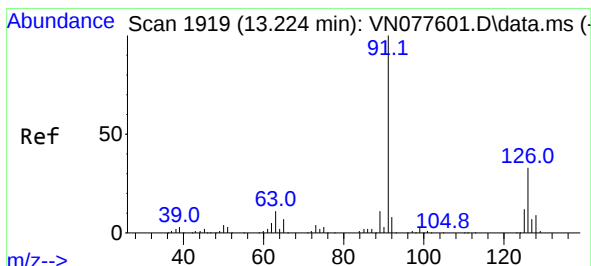
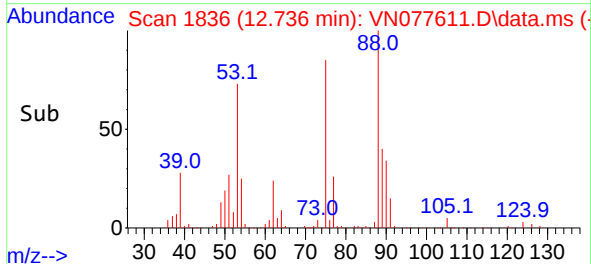
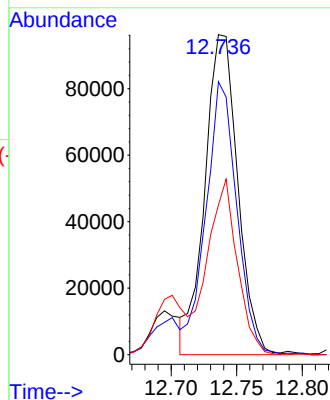
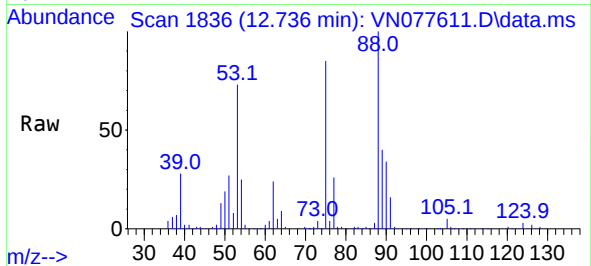




#77
t-1,4-Dichloro-2-butene
Concen: 53.944 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

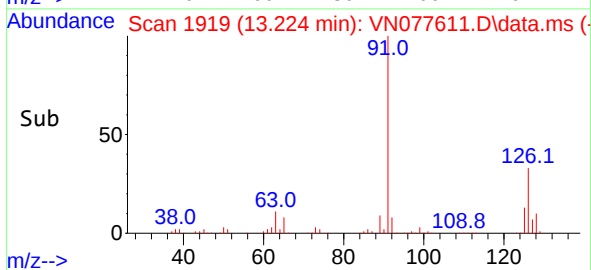
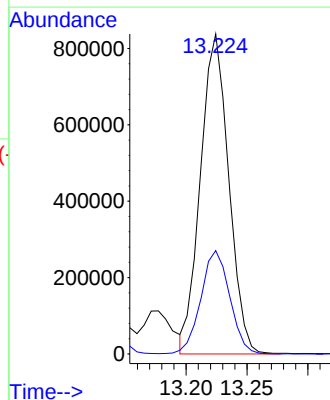
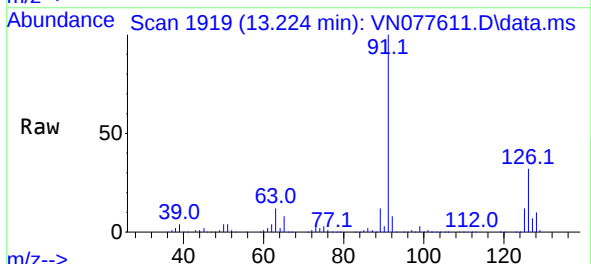
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

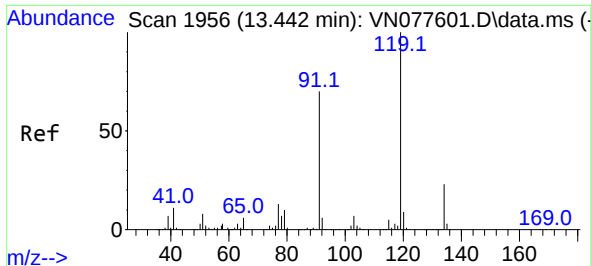
Tgt Ion: 75 Resp: 168370
Ion Ratio Lower Upper
75 100
53 85.5 46.9 140.7
89 47.0 21.0 63.0



#78
4-Chlorotoluene
Concen: 50.998 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 91 Resp: 1352064
Ion Ratio Lower Upper
91 100
126 33.1 0.0 64.6

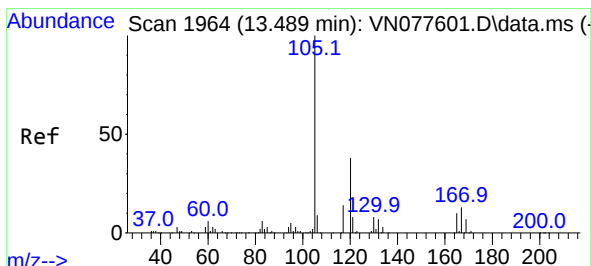
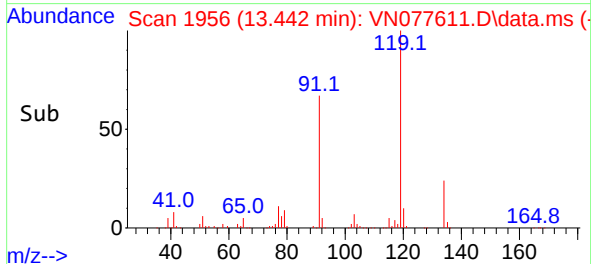
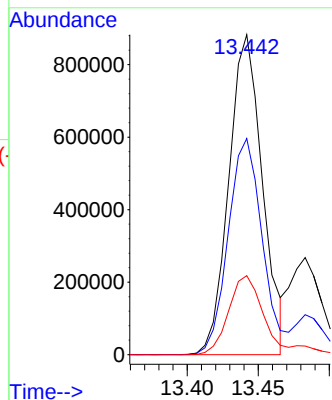
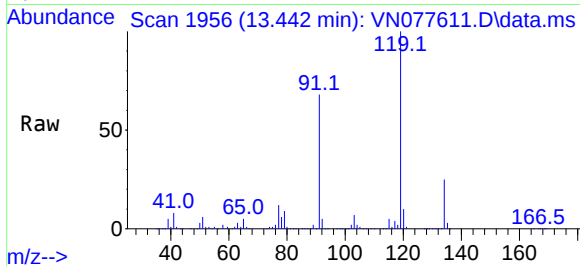




#79
tert-butylbenzene
Concen: 51.157 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

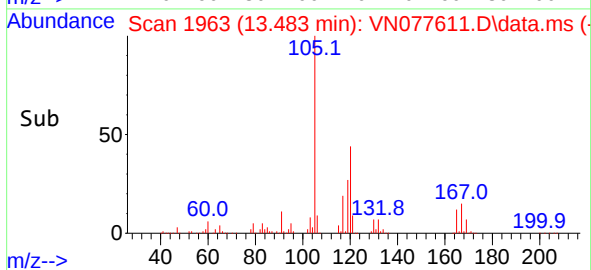
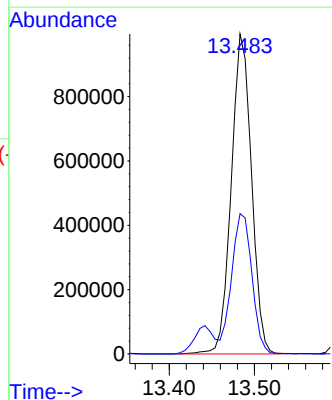
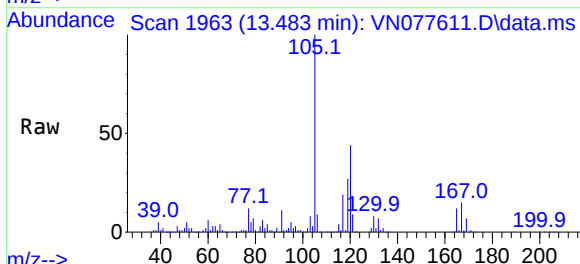
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

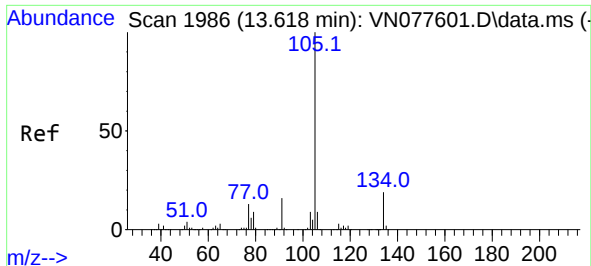
Tgt Ion:119 Resp: 1453852
Ion Ratio Lower Upper
119 100
91 68.9 0.0 141.6
134 25.1 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 53.217 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion:105 Resp: 1638870
Ion Ratio Lower Upper
105 100
120 43.8 0.0 88.0

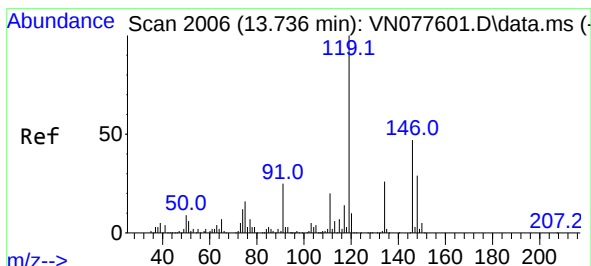
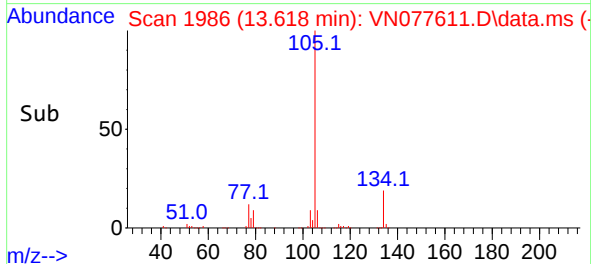
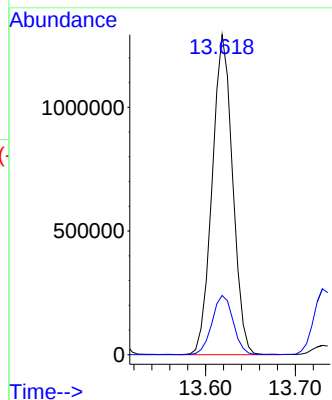
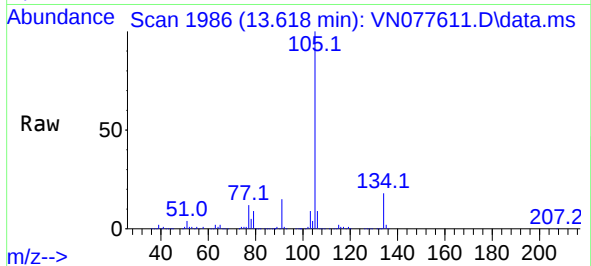




#81
 sec-Butylbenzene
 Concen: 51.311 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077611.D
 Acq: 08 May 2023 11:46

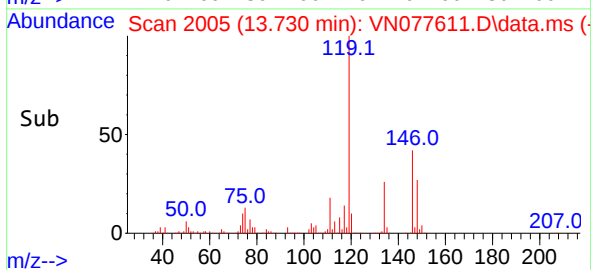
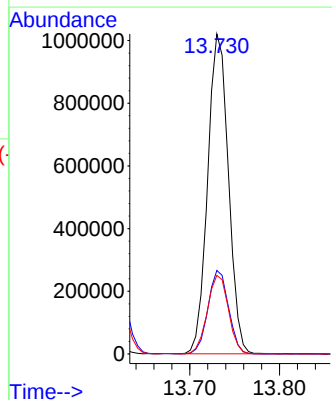
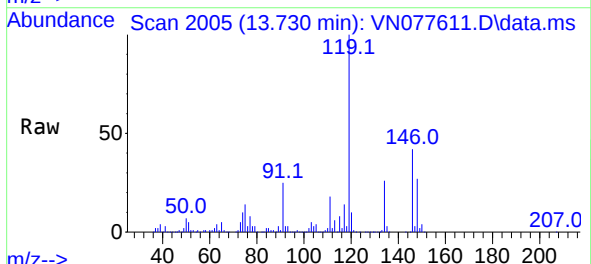
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

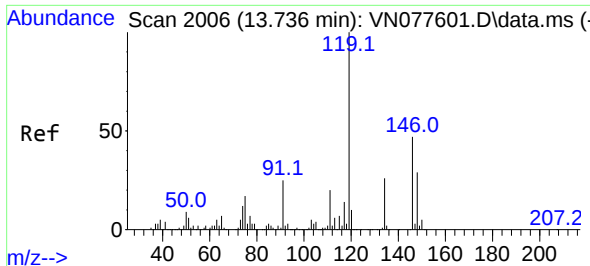
Tgt Ion:105 Resp: 2046805
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 51.632 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077611.D
 Acq: 08 May 2023 11:46

Tgt Ion:119 Resp: 1638759
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.2
 91 24.9 0.0 51.2

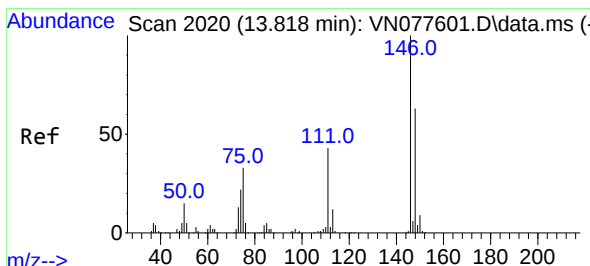
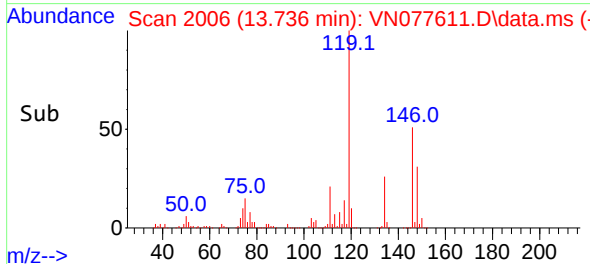
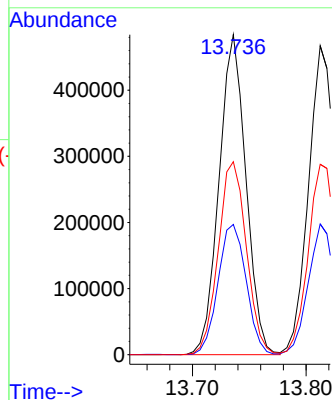
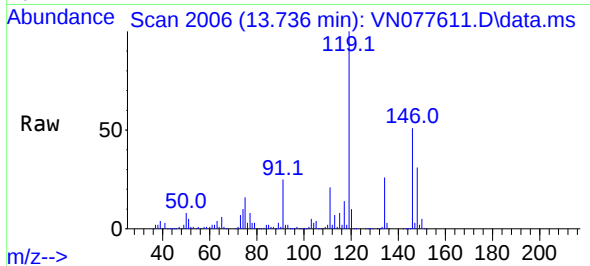




#83
1,3-Dichlorobenzene
Concen: 51.128 ug/l
RT: 13.736 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

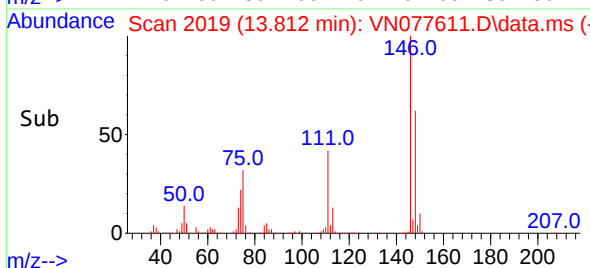
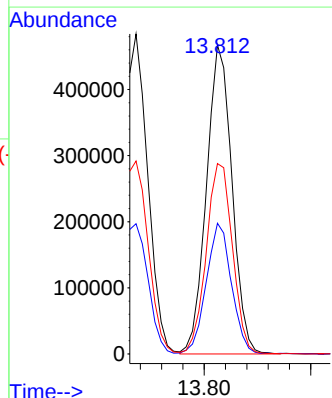
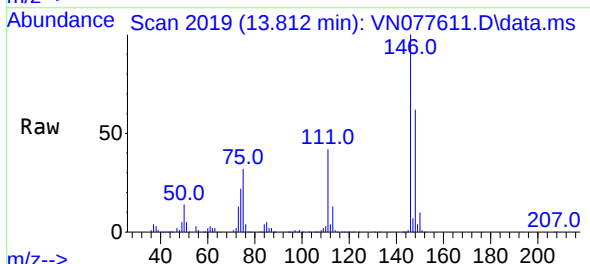
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

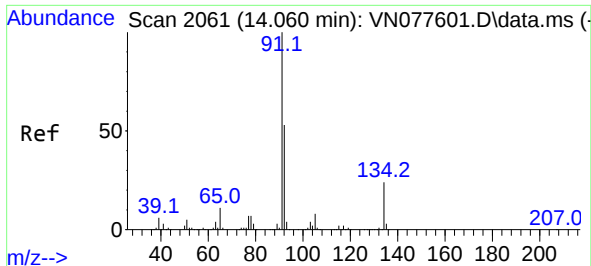
Tgt Ion:146 Resp: 797139
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.1
148 63.0 32.5 97.4



#84
1,4-Dichlorobenzene
Concen: 51.082 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion:146 Resp: 779653
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.4
148 63.4 31.1 93.5

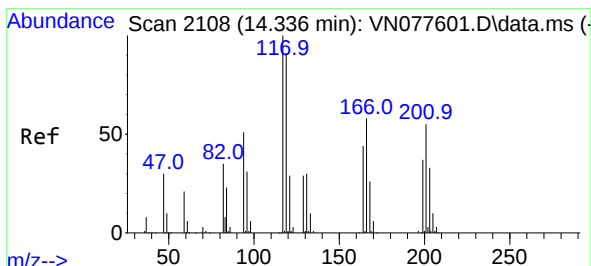
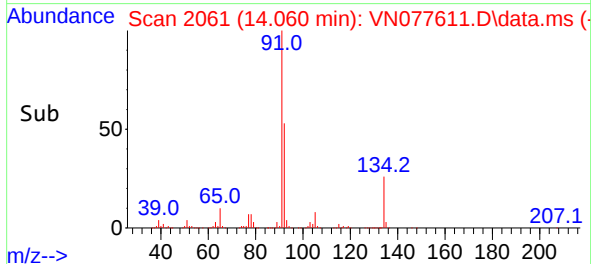
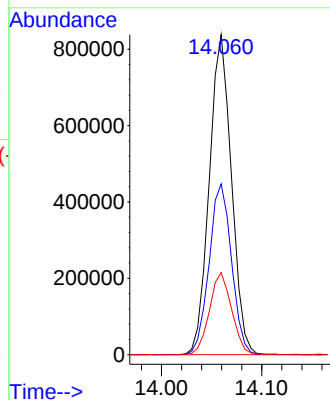
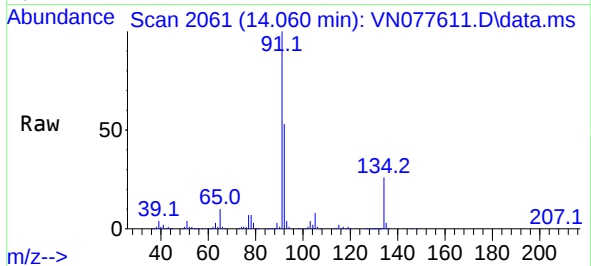




#85
n-Butylbenzene
Concen: 49.355 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

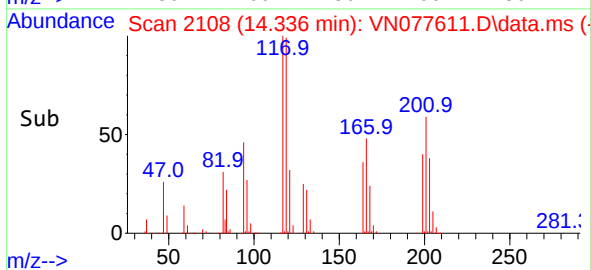
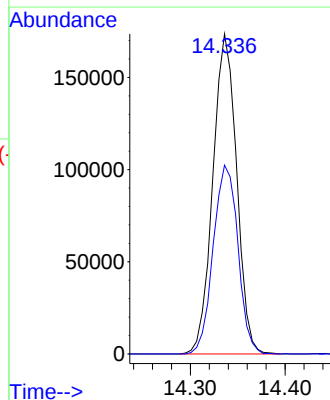
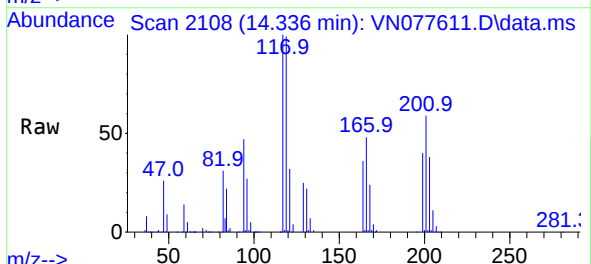
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

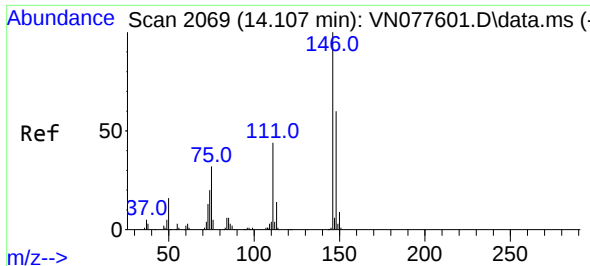
Tgt Ion: 91 Resp: 1288734
Ion Ratio Lower Upper
91 100
92 54.0 0.0 107.0
134 25.7 0.0 50.2



#86
Hexachloroethane
Concen: 51.235 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 117 Resp: 303061
Ion Ratio Lower Upper
117 100
201 61.2 28.1 84.4

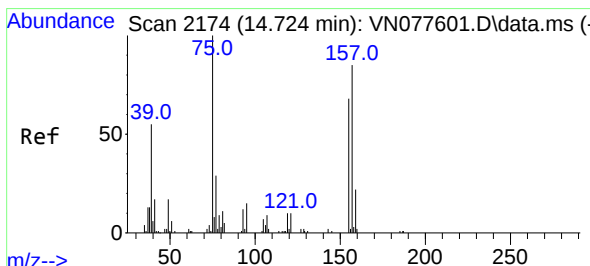
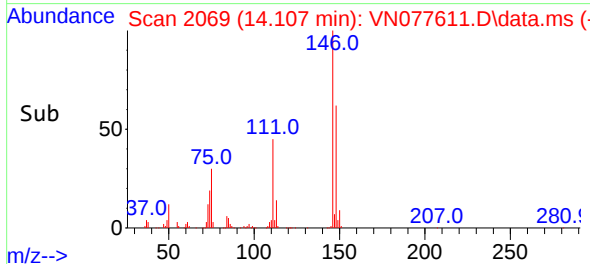
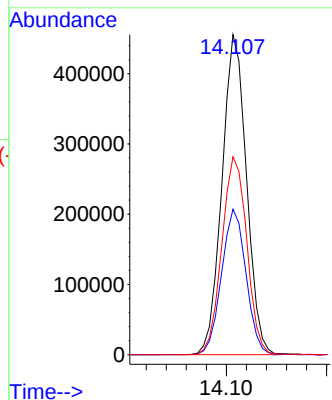
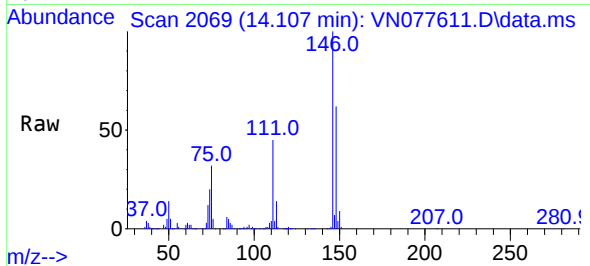




#87
1,2-Dichlorobenzene
Concen: 51.126 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

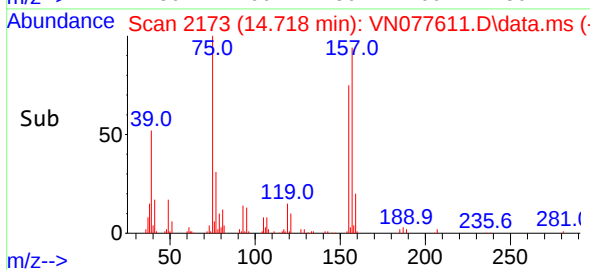
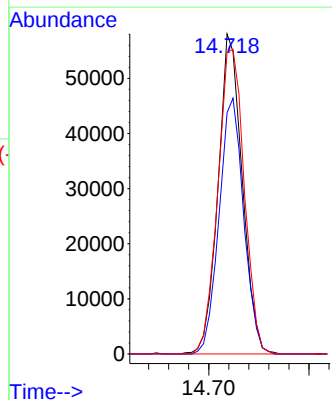
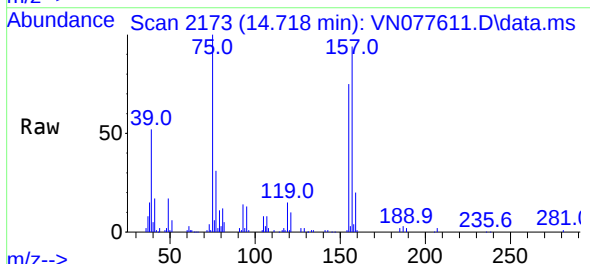
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

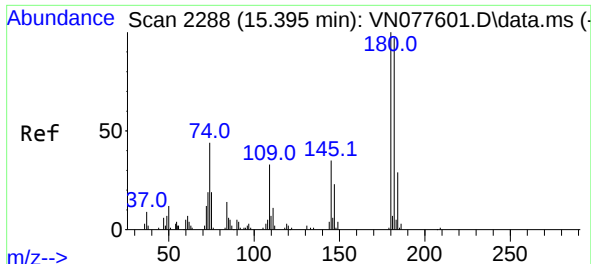
Tgt Ion:146 Resp: 773736
Ion Ratio Lower Upper
146 100
111 45.4 22.7 68.0
148 62.8 31.0 93.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 49.543 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion: 75 Resp: 96944
Ion Ratio Lower Upper
75 100
155 81.4 63.1 94.7
157 104.0 75.5 113.3





#89

1,2,4-Trichlorobenzene

Concen: 52.120 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

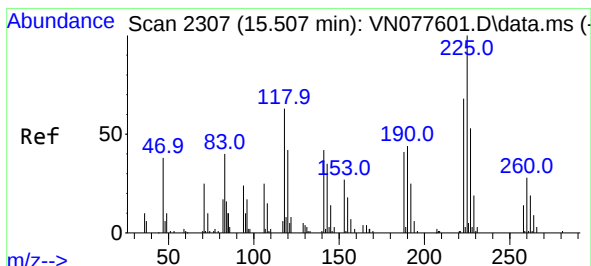
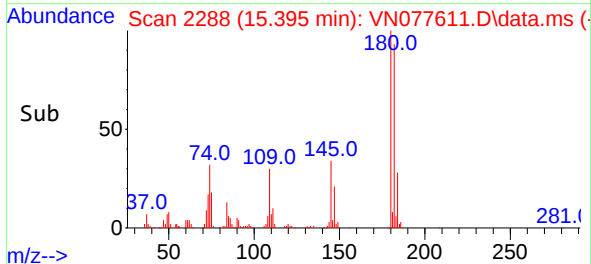
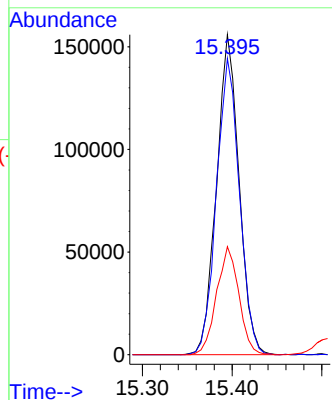
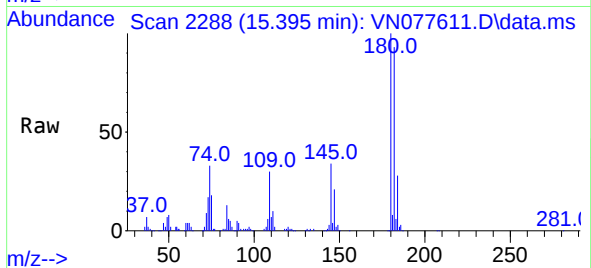
Tgt Ion:180 Resp: 271759

Ion Ratio Lower Upper

180 100

182 94.2 75.1 112.7

145 33.4 28.6 43.0



#90

Hexachlorobutadiene

Concen: 42.072 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. -0.001 min

Lab File: VN077611.D

Acq: 08 May 2023 11:46

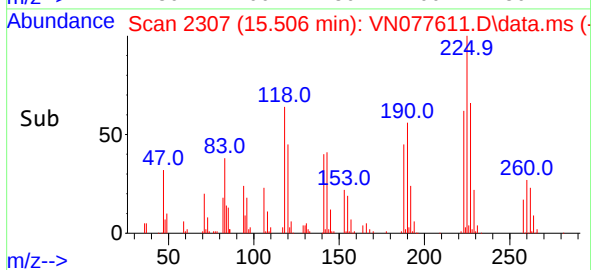
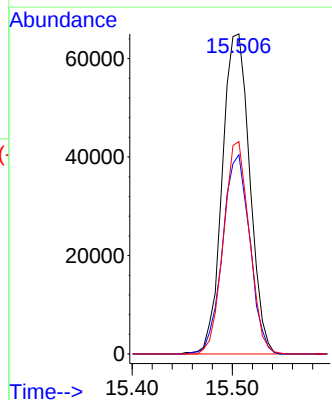
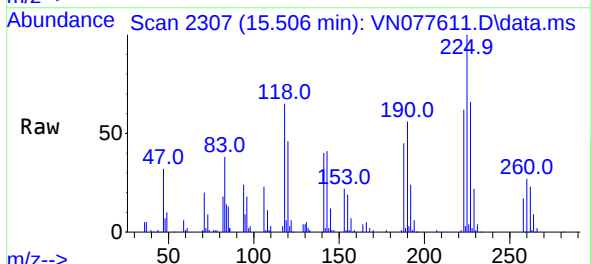
Tgt Ion:225 Resp: 123699

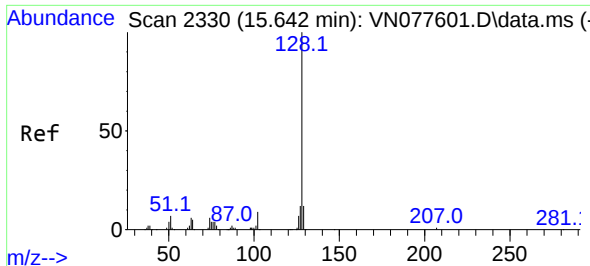
Ion Ratio Lower Upper

225 100

223 61.5 0.0 132.2

227 62.6 0.0 116.2

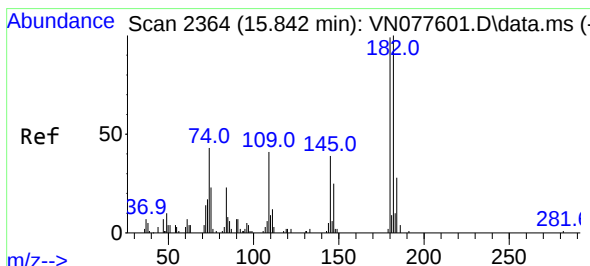
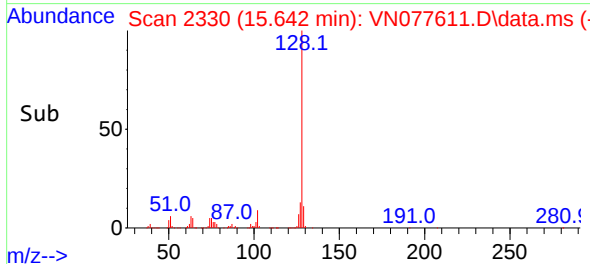
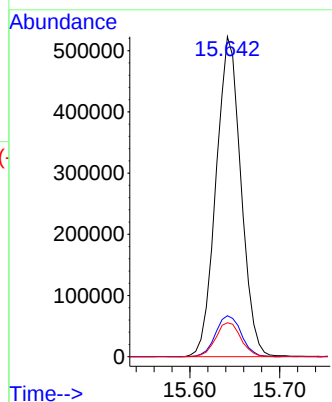
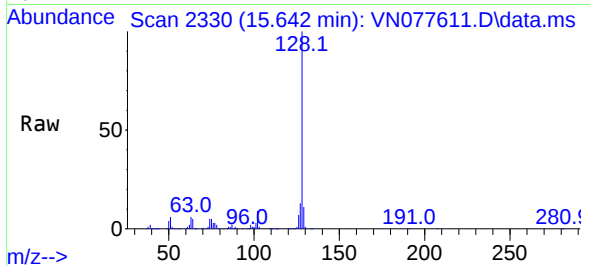




#91
Naphthalene
Concen: 56.582 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 1007803
Ion Ratio Lower Upper
128 100
127 13.2 9.6 14.4
129 10.8 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 52.904 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077611.D
Acq: 08 May 2023 11:46

Tgt Ion:180 Resp: 254044
Ion Ratio Lower Upper
180 100
182 96.7 0.0 193.4
145 35.0 0.0 78.6

