

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077604.D
 Acq On : 05 May 2023 20:55
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 06 05:02:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	126267	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	788532	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	732398	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	307498	30.074	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.233%
60) 4-Bromofluorobenzene	12.854	95	363273	31.254	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.167%
63) Toluene-d8	10.572	98	1006476	29.154	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.167%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.131	85	895885	99.197	ug/l	96
3) Chloromethane	2.372	50	692985	98.700	ug/l	100
4) Vinyl Chloride	2.519	62	888663	99.981	ug/l	96
5) Bromomethane	2.931	94	640017	99.092	ug/l	95
6) Chloroethane	3.113	64	569059	93.342	ug/l	95
7) Trichlorofluoromethane	3.501	101	1380710	103.369	ug/l	97
8) Diethyl Ether	3.966	74	475809	99.091	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	724257	98.705	ug/l	99
10) 1,1-Dichloroethene	4.348	96	699686	100.210	ug/l	99
11) Methyl Iodide	4.595	142	902487	105.603	ug/l	96
12) Methyl Acetate	5.031	43	1228173	101.410	ug/l	93
13) Acrolein	4.190	56	693373	502.709	ug/l	97
14) Acrylonitrile	5.731	53	1794358	502.123	ug/l	99
15) Acetone	4.442	58	466527	485.413	ug/l	97
16) Carbon Disulfide	4.719	76	1752415	102.478	ug/l	99
17) Allyl chloride	5.031	41	857103	98.317	ug/l	97
18) Methylene Chloride	5.289	84	820643	97.547	ug/l	98
19) trans-1,2-Dichloroethene	5.795	96	780721	101.798	ug/l	89
20) Diisopropyl ether	6.684	45	2121504	102.114	ug/l	95
21) 1,1-Dichloroethane	6.578	63	1387843	99.102	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	922531	99.634	ug/l	98
23) tert-Butyl Alcohol	5.537	59	735429	511.712	ug/l	# 100
24) Methyl tert-Butyl Ether	5.807	73	2584411	101.970	ug/l	98
25) Chloroform	7.972	83	1541687	98.295	ug/l	99
26) Cyclohexane	8.260	56	1147613	100.723	ug/l	# 97
29) 1,1-Dichloropropene	8.378	75	1120155	96.960	ug/l	99
30) 2-Butanone	7.489	43	2221684	475.161	ug/l	99
31) 2,2-Dichloropropane	7.501	77	1217868	95.665	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	1453945	95.881	ug/l	96
33) Carbon Tetrachloride	8.366	117	1225547	97.281	ug/l	97
34) Benzene	8.613	78	3357295	94.185	ug/l	97
35) Methacrylonitrile	7.783	41	476352	91.858	ug/l	98
36) 1,2-Dichloroethane	8.678	62	1155826	91.163	ug/l	99
37) Trichloroethene	9.354	130	832305	95.674	ug/l	99
38) Methylcyclohexane	9.601	83	1435530	98.949	ug/l	98
39) 1,2-Dichloropropane	9.624	63	811835	95.511	ug/l	93
40) Dibromomethane	9.713	93	605207	93.071	ug/l	98
41) Bromodichloromethane	9.889	83	1268262	98.461	ug/l	98
42) Vinyl Acetate	6.613	43	6726741	492.910	ug/l	98

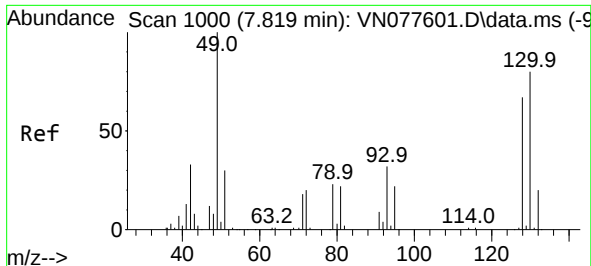
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.736	43	2400	0.247	ug/l	97
44) Isopropyl Acetate	8.695	43	1610409	97.420	ug/l	99
45) 1,4-Dioxane	9.695	88	339689	1932.674	ug/l	97
46) Methyl methacrylate	9.683	41	740413	98.255	ug/l	98
47) n-amyl Acetate	12.495	43	1427250	110.155	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	1345675	104.407	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	1438060	101.776	ug/l	99
50) 1,1,2-Trichloroethane	11.019	97	870723	94.997	ug/l	95
51) Ethyl methacrylate	10.877	69	1343523	100.097	ug/l	98
52) 1,3-Dichloropropane	11.166	76	1451909	94.282	ug/l	99
53) Dibromochloromethane	11.360	129	938613	100.612	ug/l	100
54) 1,2-Dibromoethane	11.471	107	905701	97.585	ug/l	97
55) 2-Chloroethyl vinyl ether	10.166	63	2313533	519.142	ug/l	98
56) Bromoform	12.583	173	611650	108.864	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	4772968	467.097	ug/l	99
59) 2-Hexanone	11.201	43	3522206	477.503	ug/l	99
61) Tetrachloroethene	11.107	164	639258	94.430	ug/l	97
62) Toluene	10.630	91	3828023	92.955	ug/l	99
64) Chlorobenzene	11.895	112	2347558	96.140	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.966	131	851483	95.463	ug/l	95
66) Ethyl Benzene	11.966	91	4330371	97.229	ug/l	98
67) m/p-Xylenes	12.071	106	3342102	196.804	ug/l	99
68) o-Xylene	12.401	106	1654428	97.894	ug/l	98
69) Styrene	12.413	104	2721046	102.264	ug/l	99
70) Isopropylbenzene	12.701	105	4349418	99.964	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	1307055	96.601	ug/l	96
72) 1,2,3-Trichloropropane	12.995	75	1602810	137.578	ug/l	64
73) Bromobenzene	12.983	156	897745	99.958	ug/l	96
74) n-propylbenzene	13.036	91	4992217	103.392	ug/l	100
75) 2-Chlorotoluene	13.130	91	3014876	100.307	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	3643804	108.165	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	402181	113.912	ug/l	91
78) 4-Chlorotoluene	13.224	91	2937830	103.354	ug/l	99
79) tert-butylbenzene	13.442	119	3110592	100.306	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	3589342	114.446	ug/l	99
81) sec-Butylbenzene	13.618	105	4530800	105.251	ug/l	99
82) p-Isopropyltoluene	13.730	119	3629342	109.680	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	1663924	103.686	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	1676817	106.217	ug/l	99
85) n-Butylbenzene	14.060	91	3155813	121.339	ug/l	100
86) Hexachloroethane	14.336	117	694901	107.432	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	1670021	102.999	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	257880	100.515	ug/l	97
89) 1,2,4-Trichlorobenzene	15.395	180	691720	98.320	ug/l	99
90) Hexachlorobutadiene	15.506	225	341846	104.187	ug/l	95
91) Naphthalene	15.642	128	2670870	98.424	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	652133	98.689	ug/l	97

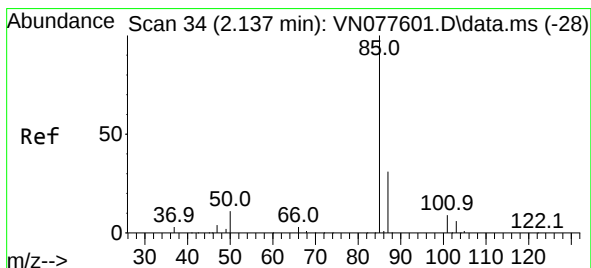
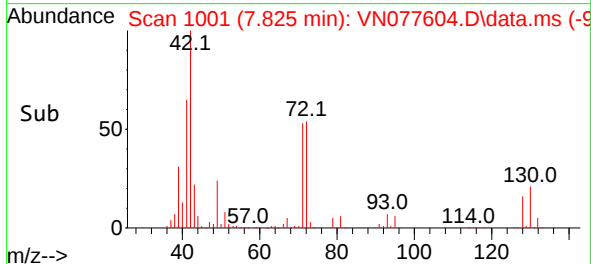
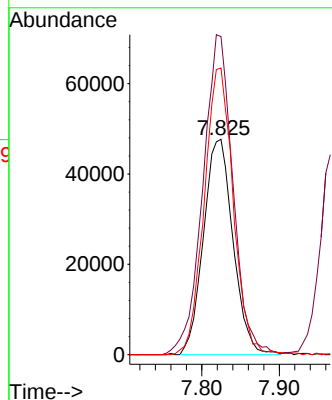
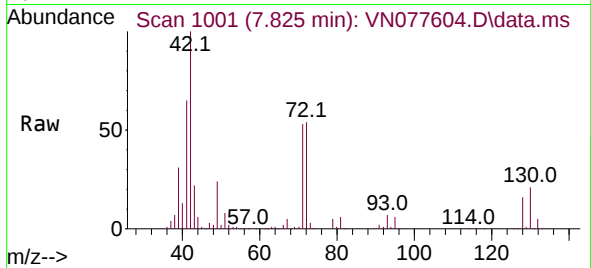
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

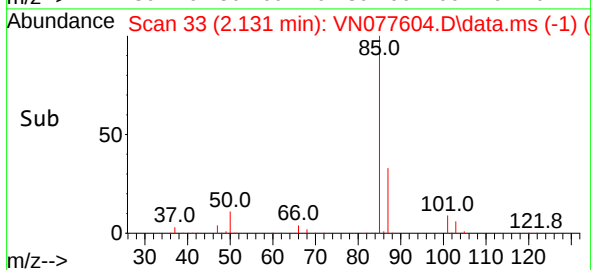
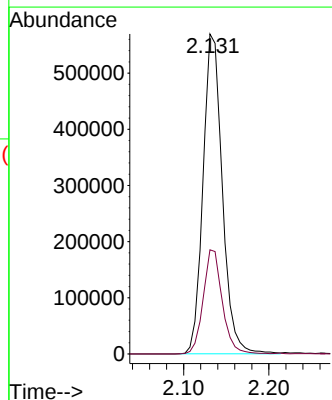
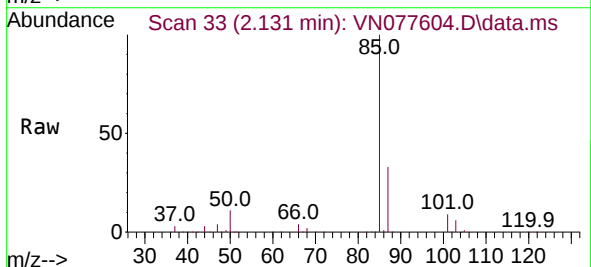
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

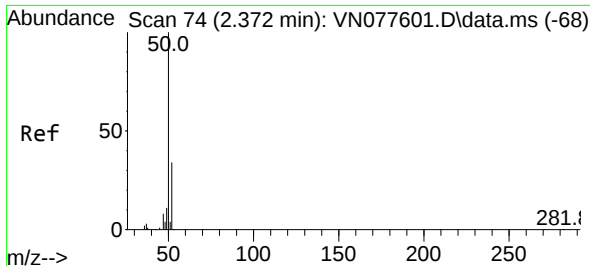
Tgt Ion:128 Resp: 126267
Ion Ratio Lower Upper
128 100
49 151.0 0.0 369.8
130 129.6 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 99.197 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 85 Resp: 895885
Ion Ratio Lower Upper
85 100
87 32.5 15.3 45.9

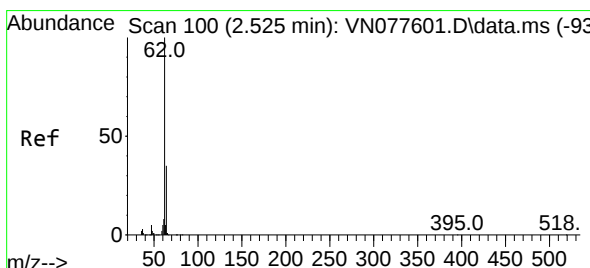
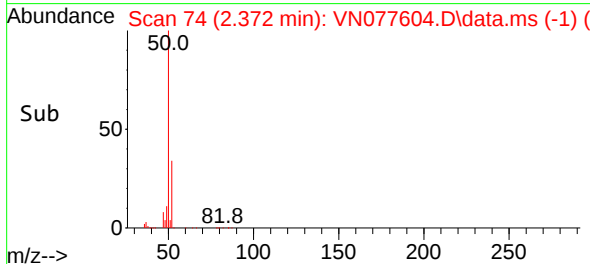
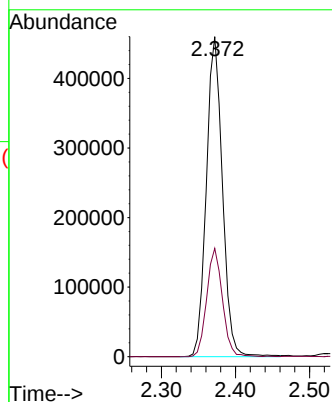
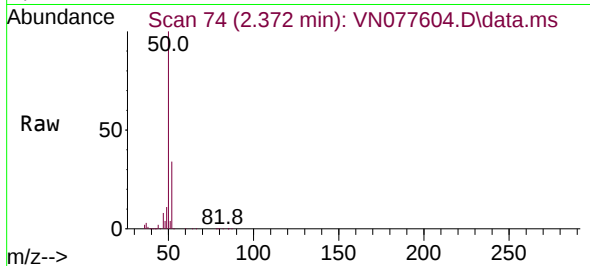




#3
Chloromethane
Concen: 98.700 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

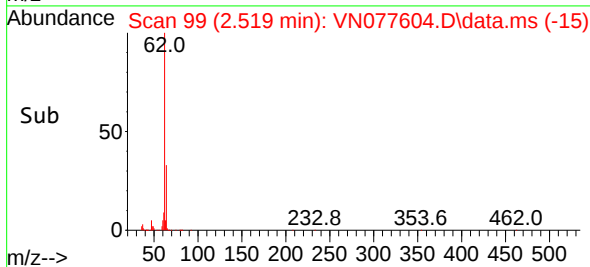
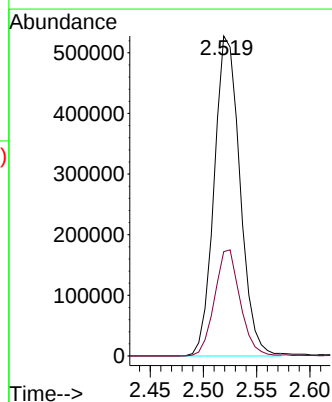
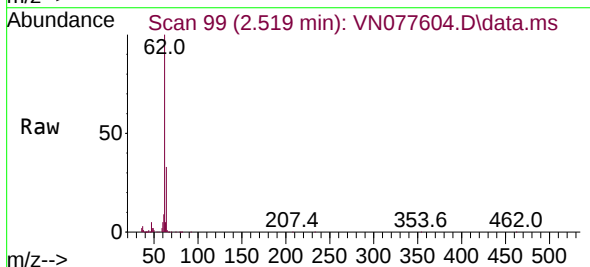
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

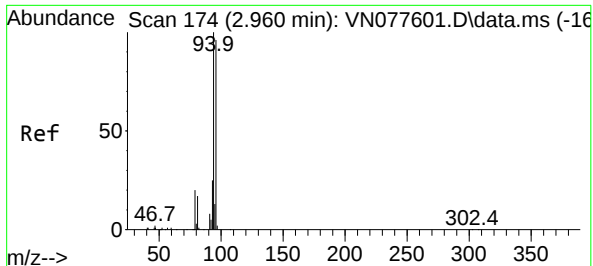
Tgt Ion: 50 Resp: 692985
Ion Ratio Lower Upper
50 100
52 33.8 27.3 40.9



#4
Vinyl Chloride
Concen: 99.981 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 62 Resp: 888663
Ion Ratio Lower Upper
62 100
64 32.6 27.8 41.6

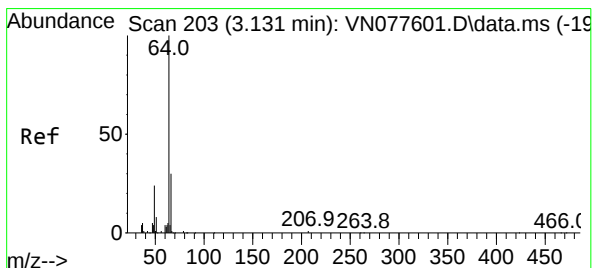
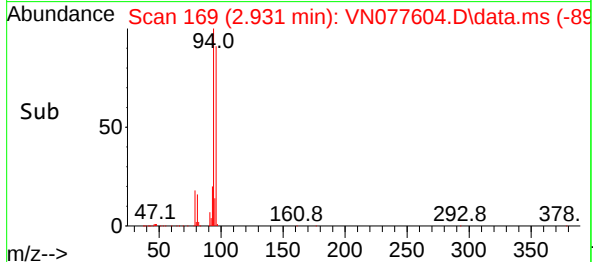
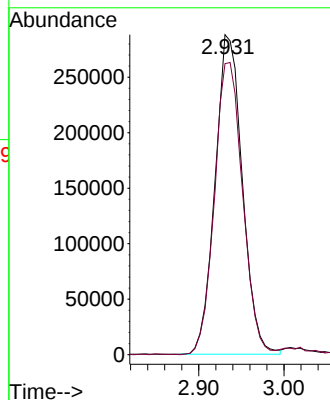
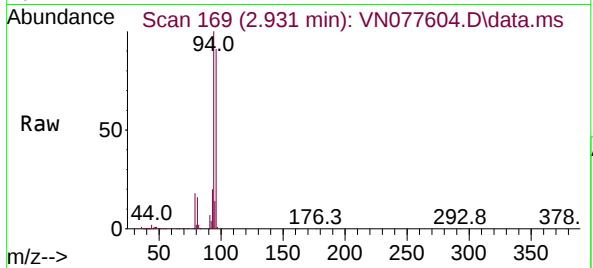




#5
Bromomethane
Concen: 99.092 ug/l
RT: 2.931 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

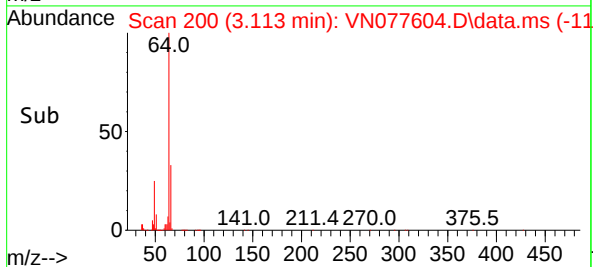
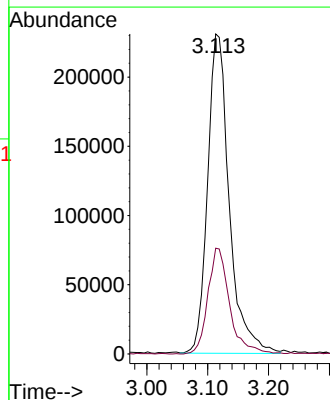
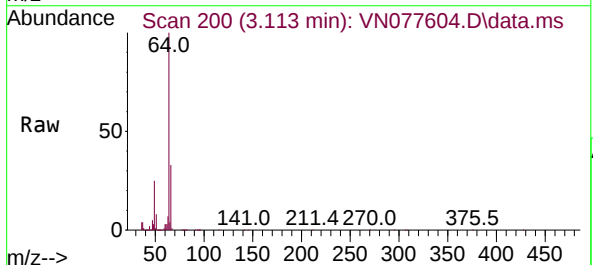
Instrument :
MSVOA_N
ClientSampleId :
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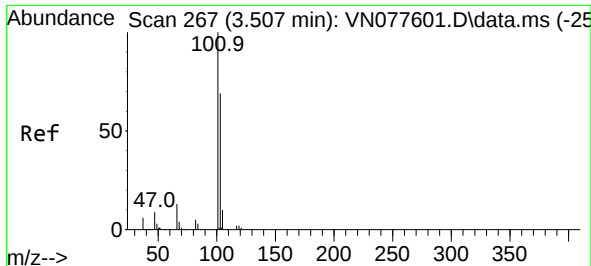
Tgt Ion: 94 Resp: 640017
Ion Ratio Lower Upper
94 100
96 91.1 76.7 115.1



#6
Chloroethane
Concen: 93.342 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.018 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 64 Resp: 569059
Ion Ratio Lower Upper
64 100
66 33.1 24.2 36.4

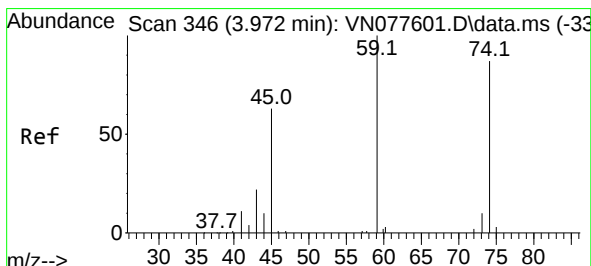
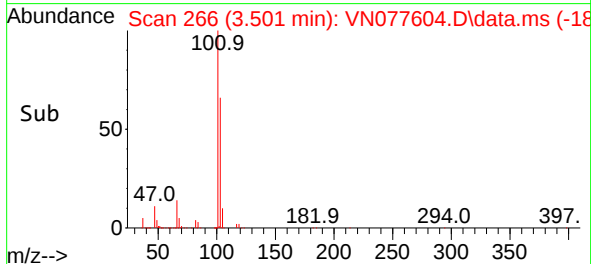
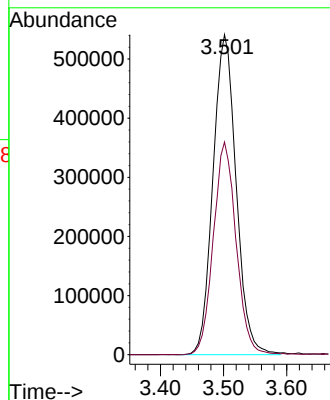
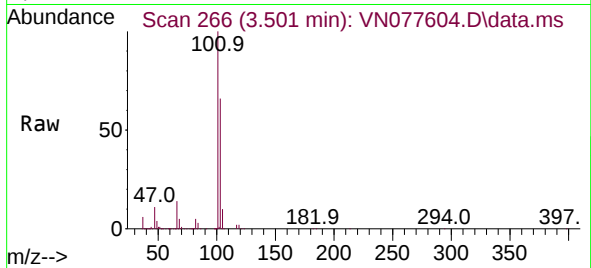




#7
Trichlorofluoromethane
Concen: 103.369 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

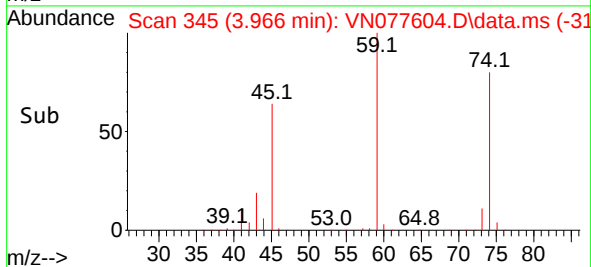
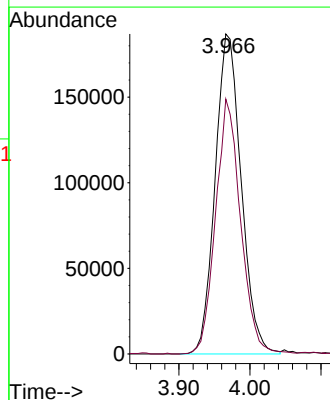
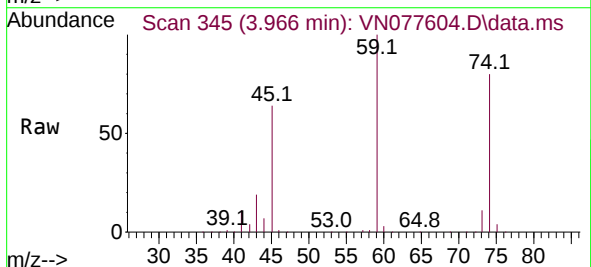
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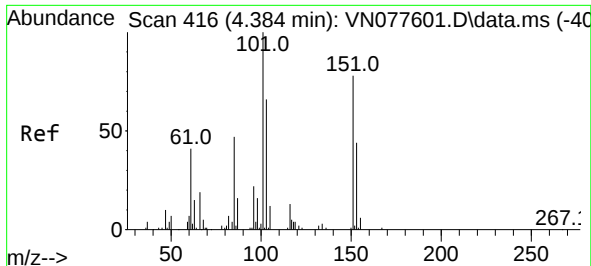
Tgt Ion:101 Resp: 1380710
Ion Ratio Lower Upper
101 100
103 66.5 55.0 82.4



#8
Diethyl Ether
Concen: 99.091 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 74 Resp: 475809
Ion Ratio Lower Upper
74 100
45 76.5 14.8 133.2

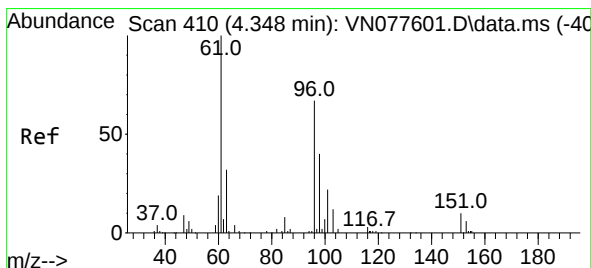
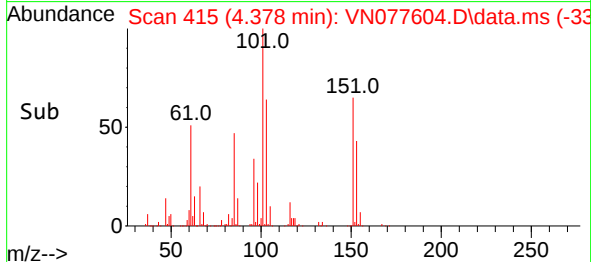
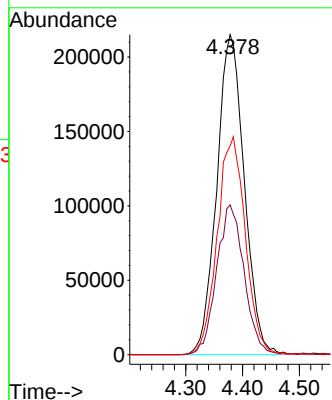
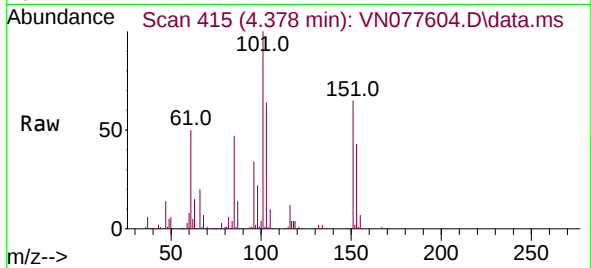




#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.705 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

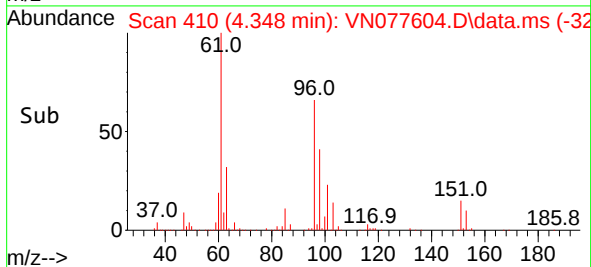
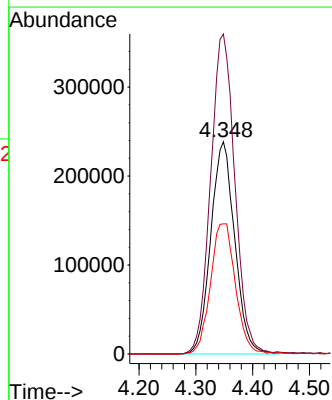
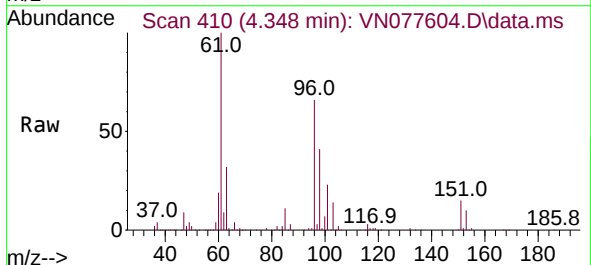
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

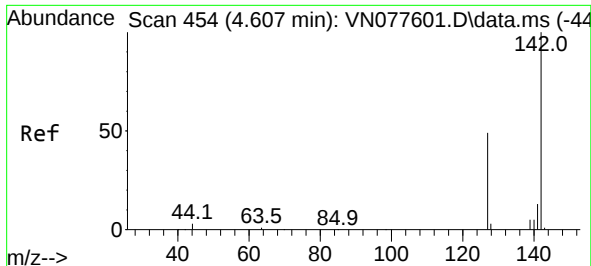
Tgt Ion:101 Resp: 724257
Ion Ratio Lower Upper
101 100
85 46.7 0.0 92.6
151 69.3 0.0 137.4



#10
1,1-Dichloroethene
Concen: 100.210 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 96 Resp: 699686
Ion Ratio Lower Upper
96 100
61 150.6 120.1 180.1
98 61.3 48.3 72.5

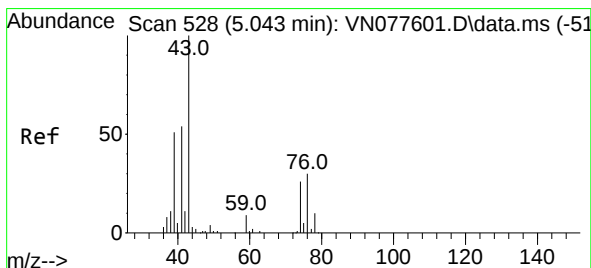
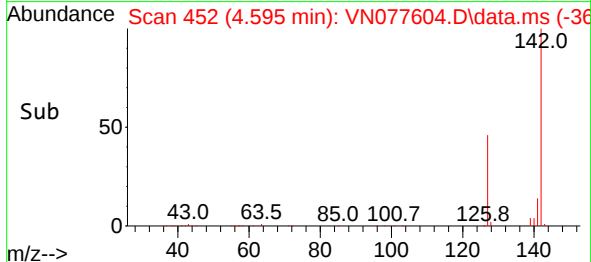
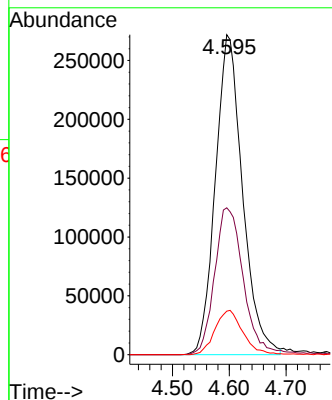
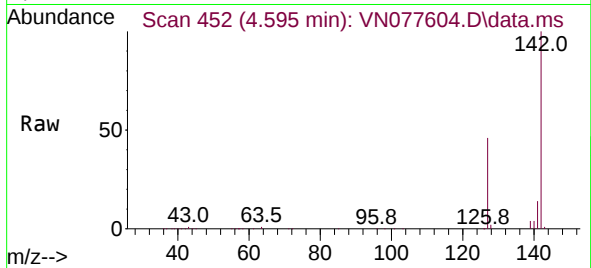




#11
Methyl Iodide
Concen: 105.603 ug/l
RT: 4.595 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

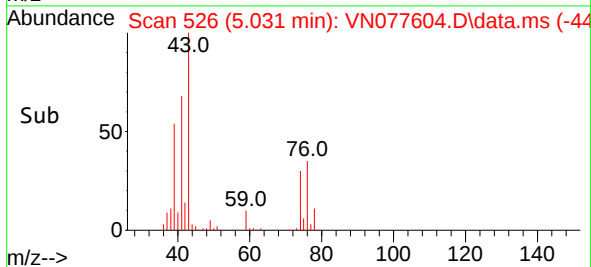
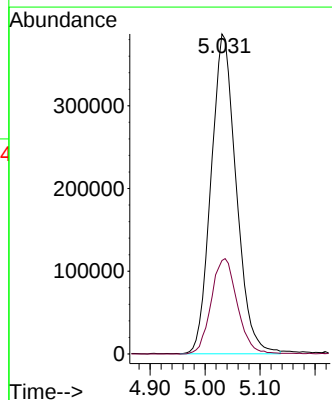
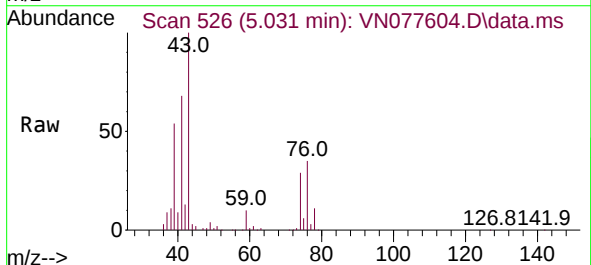
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

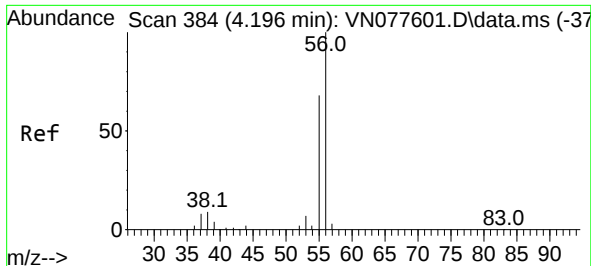
Tgt Ion:142 Resp: 902487
Ion Ratio Lower Upper
142 100
127 45.6 24.6 73.6
141 13.6 6.4 19.2



#12
Methyl Acetate
Concen: 101.410 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 43 Resp: 1228173
Ion Ratio Lower Upper
43 100
74 29.2 20.6 31.0

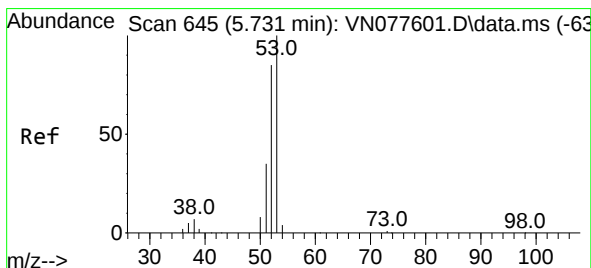
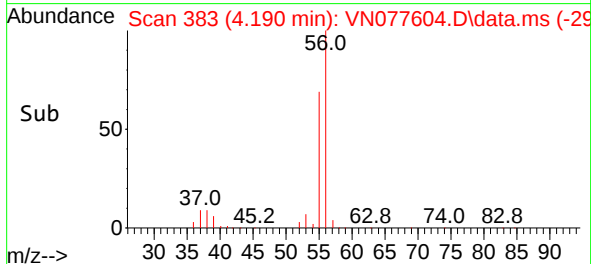
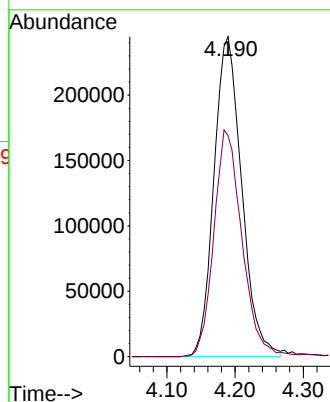
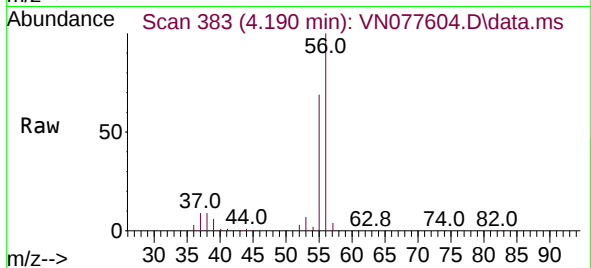




#13
Acrolein
Concen: 502.709 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

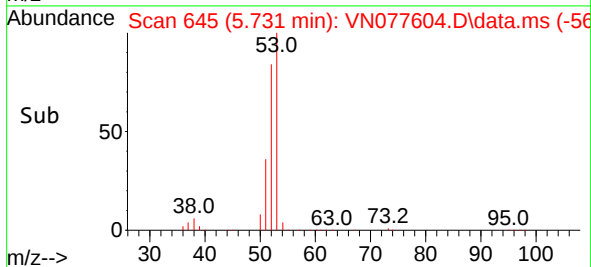
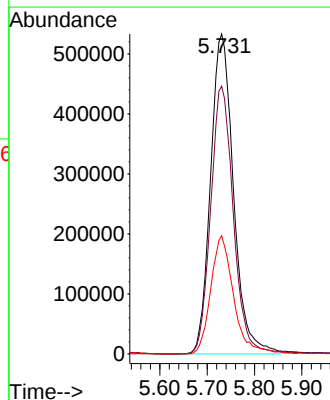
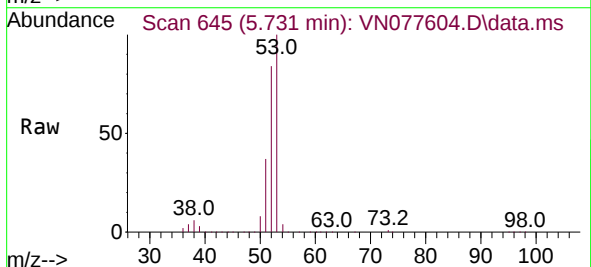
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

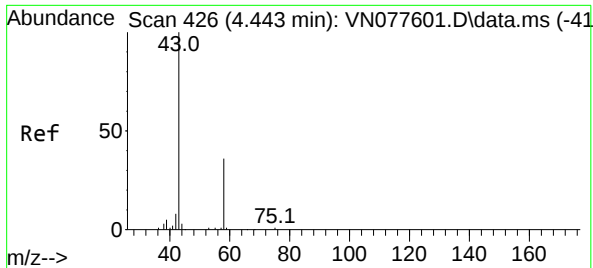
Tgt Ion: 56 Resp: 693373
Ion Ratio Lower Upper
56 100
55 71.0 54.8 82.2



#14
Acrylonitrile
Concen: 502.123 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 53 Resp: 1794358
Ion Ratio Lower Upper
53 100
52 82.1 41.6 124.8
51 36.5 17.6 52.9

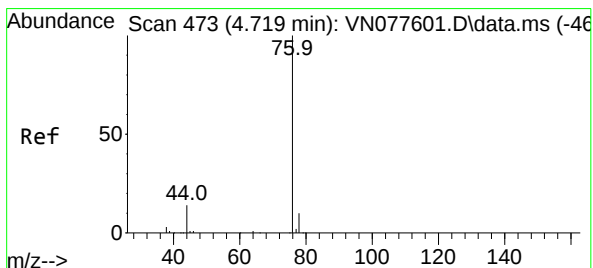
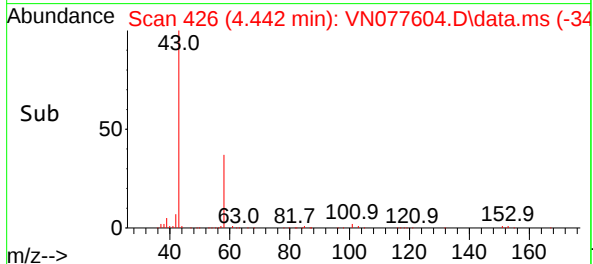
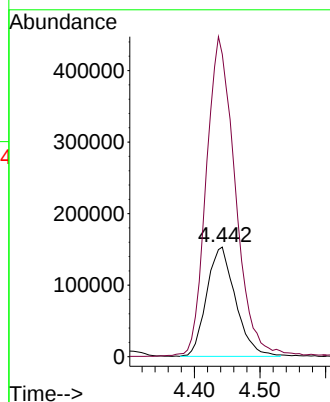
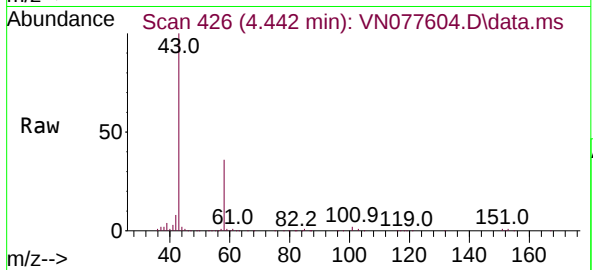




#15
Acetone
Concen: 485.413 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

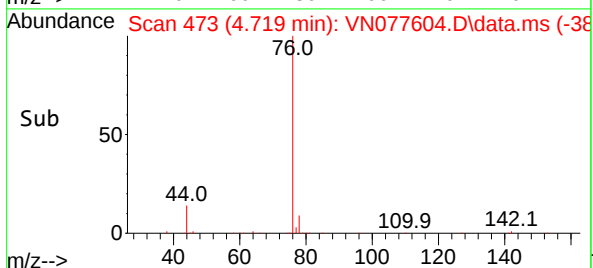
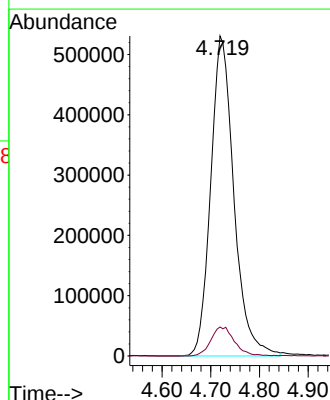
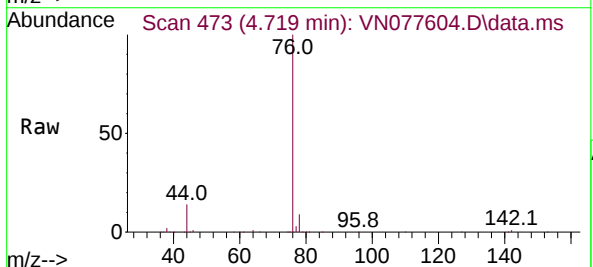
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

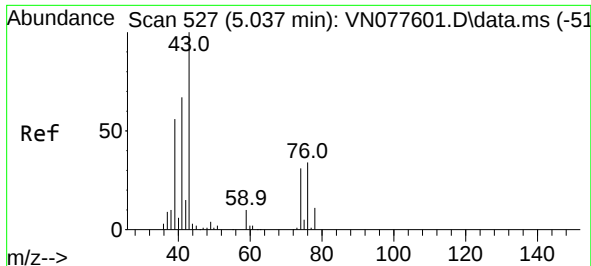
Tgt Ion: 58 Resp: 466527
Ion Ratio Lower Upper
58 100
43 274.1 223.2 334.8



#16
Carbon Disulfide
Concen: 102.478 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 76 Resp: 1752415
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4





#17

Allyl chloride

Concen: 98.317 ug/l

RT: 5.031 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

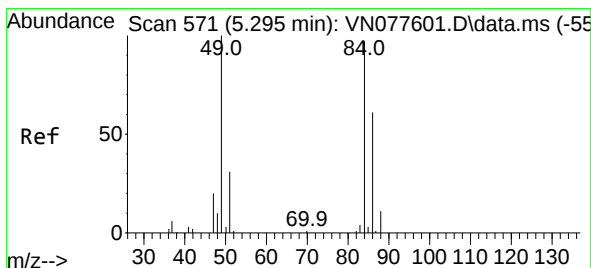
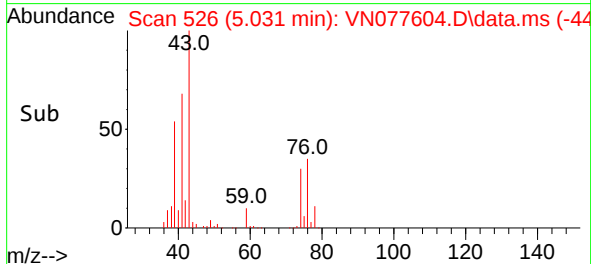
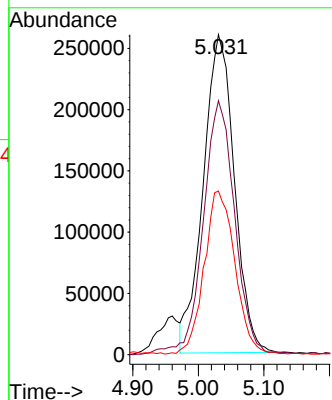
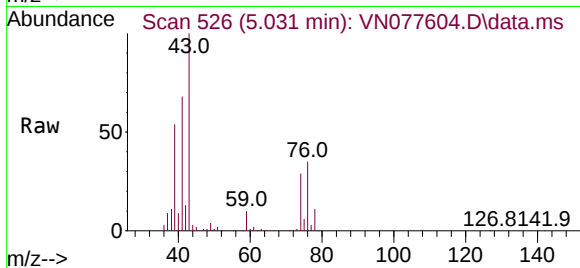
Tgt Ion: 41 Resp: 857103

Ion Ratio Lower Upper

41 100

39 79.4 39.5 118.3

76 51.2 23.4 70.3



#18

Methylene Chloride

Concen: 97.547 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.006 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Tgt Ion: 84 Resp: 820643

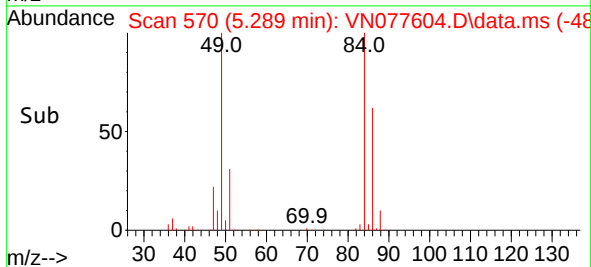
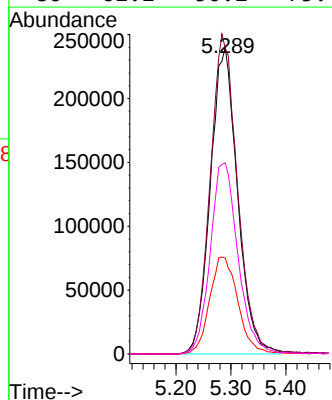
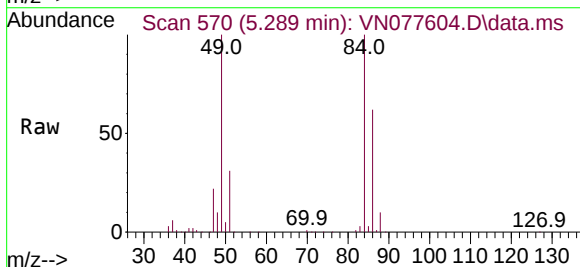
Ion Ratio Lower Upper

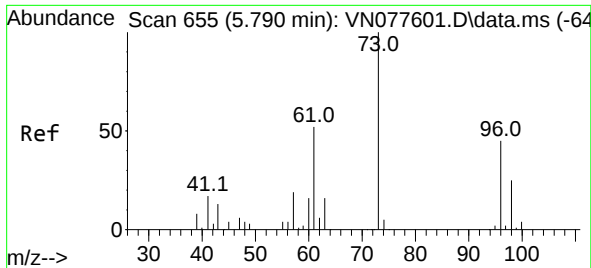
84 100

49 99.7 82.4 123.6

51 31.3 25.1 37.7

86 62.2 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 101.798 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

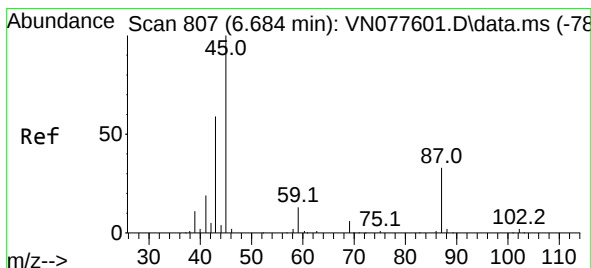
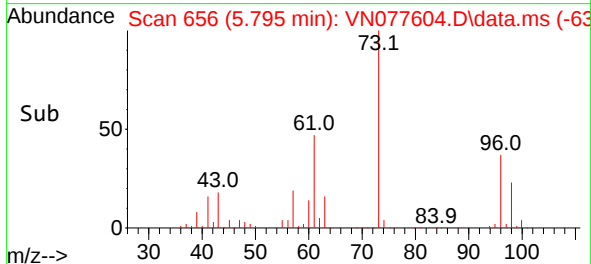
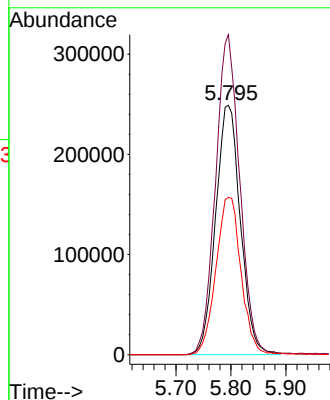
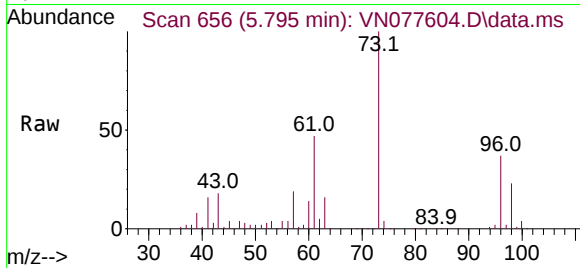
Tgt Ion: 96 Resp: 780721

Ion Ratio Lower Upper

96 100

61 128.3 92.4 138.6

98 63.1 44.8 67.2



#20

Diisopropyl ether

Concen: 102.114 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Tgt Ion: 45 Resp: 2121504

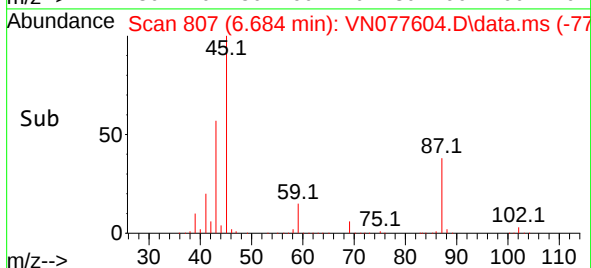
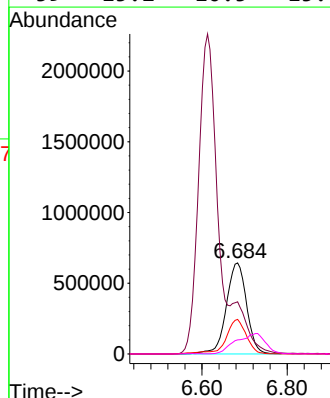
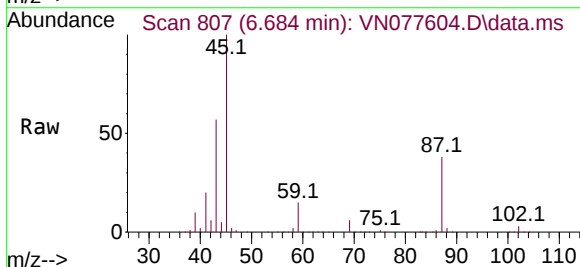
Ion Ratio Lower Upper

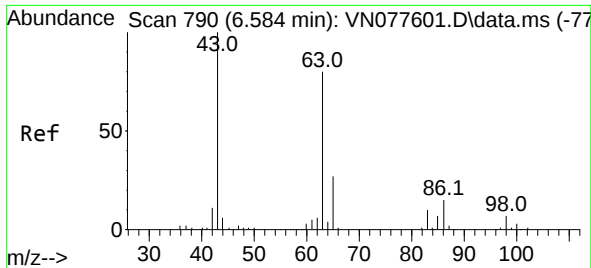
45 100

43 56.6 47.1 70.7

87 37.7 26.2 39.2

59 15.2 10.5 15.7

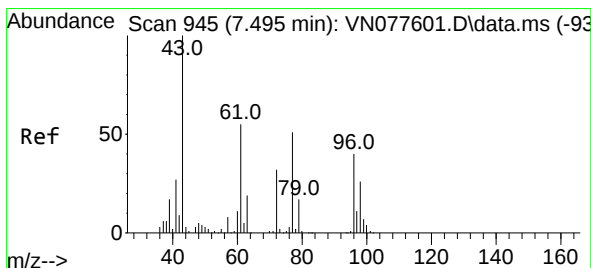
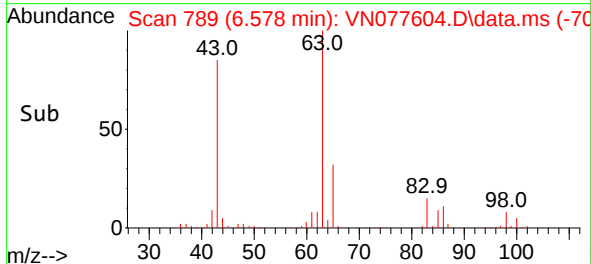
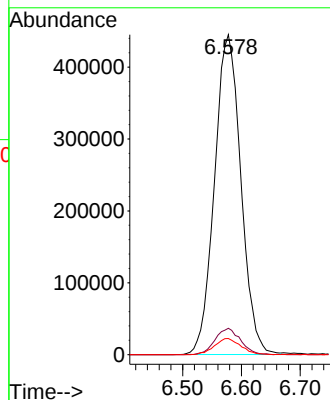
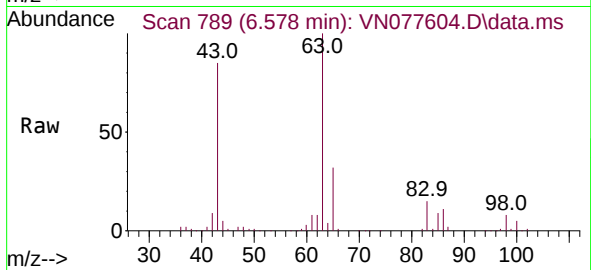




#21
1,1-Dichloroethane
Concen: 99.102 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

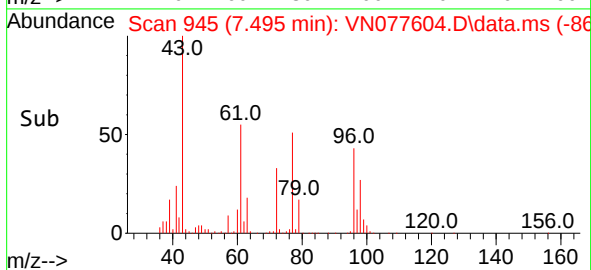
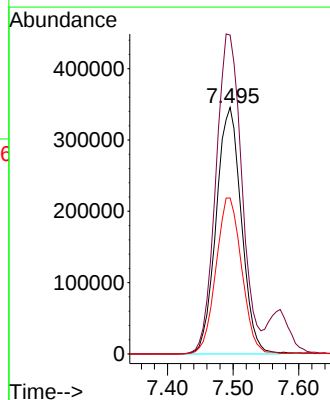
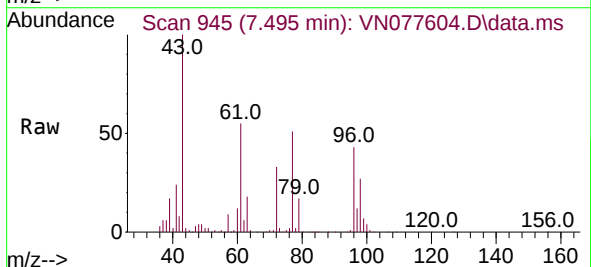
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

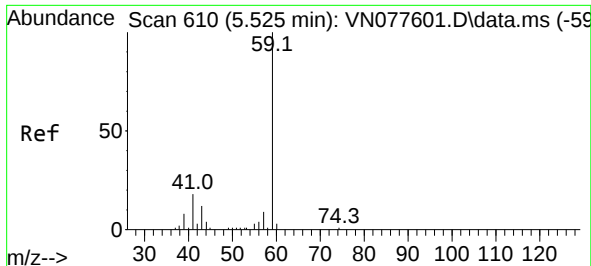
Tgt Ion: 63 Resp: 1387843
Ion Ratio Lower Upper
63 100
98 8.3 4.3 13.1
100 5.0 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 99.634 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 96 Resp: 922531
Ion Ratio Lower Upper
96 100
61 133.4 109.4 164.0
98 64.4 51.2 76.8





#23

tert-Butyl Alcohol

Concen: 511.712 ug/l

RT: 5.537 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

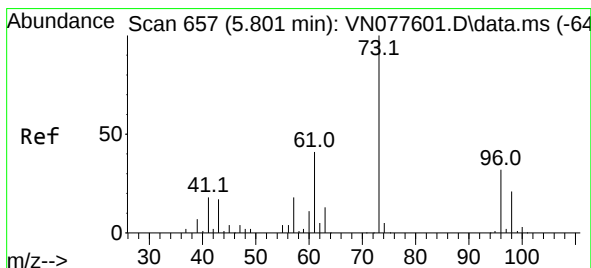
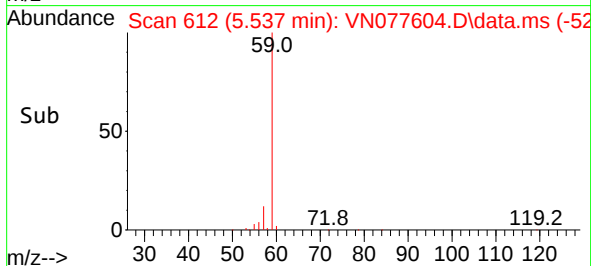
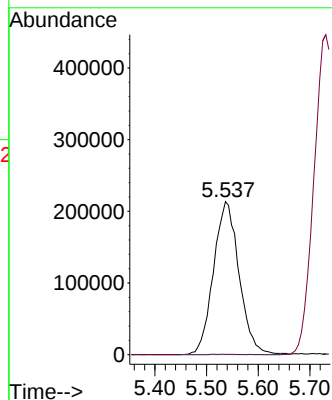
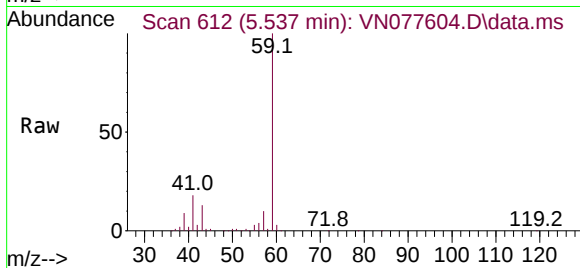
VSTDIC100

Tgt Ion: 59 Resp: 735429

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 101.970 ug/l

RT: 5.807 min Scan# 658

Delta R.T. 0.006 min

Lab File: VN077604.D

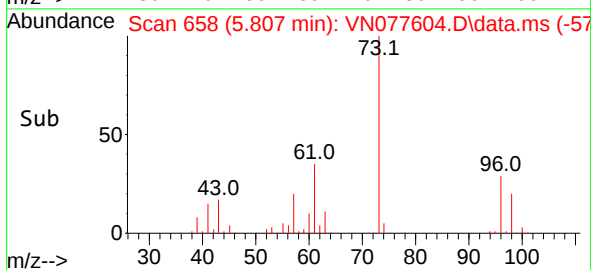
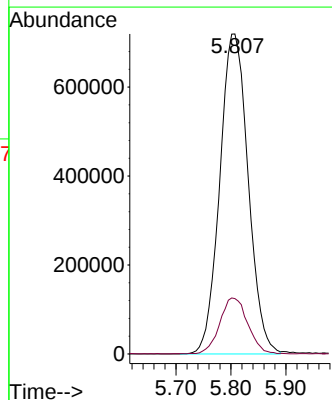
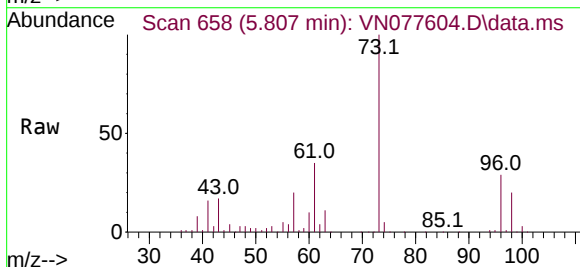
Acq: 05 May 2023 20:55

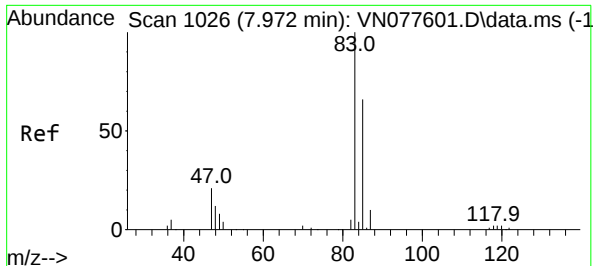
Tgt Ion: 73 Resp: 2584411

Ion Ratio Lower Upper

73 100

43 17.1 14.3 21.5





#25

Chloroform

Concen: 98.295 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

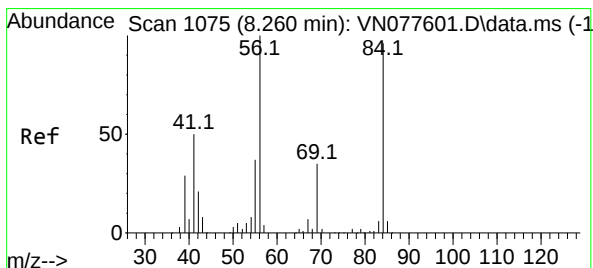
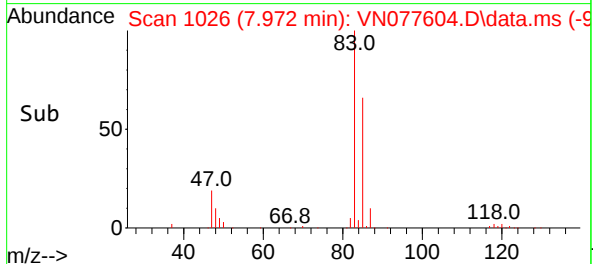
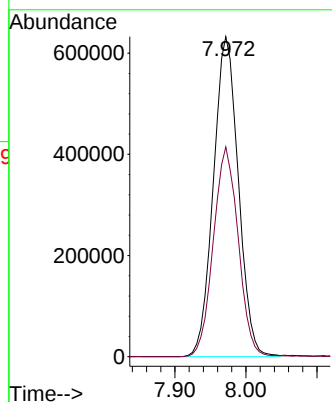
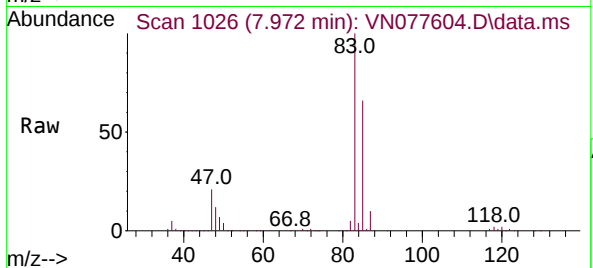
VSTDIC100

Tgt Ion: 83 Resp: 1541687

Ion Ratio Lower Upper

83 100

85 65.5 53.0 79.6



#26

Cyclohexane

Concen: 100.723 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

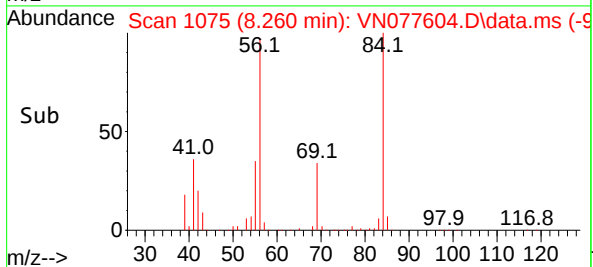
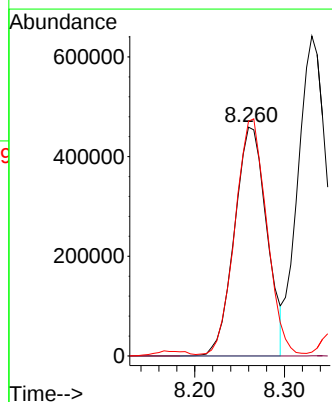
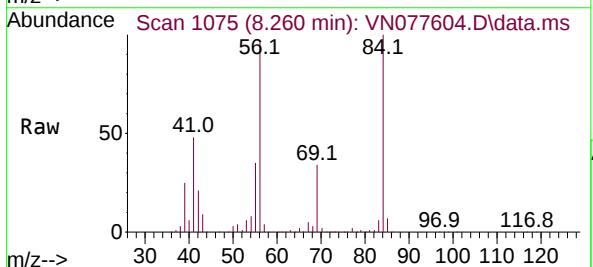
Tgt Ion: 56 Resp: 1147613

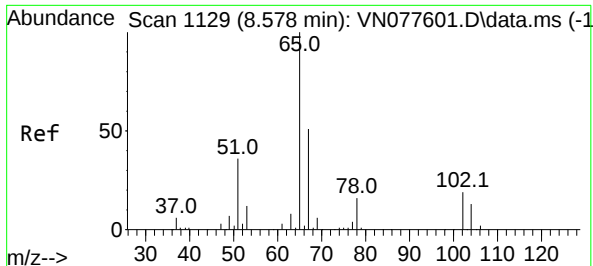
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 102.5 84.6 126.8

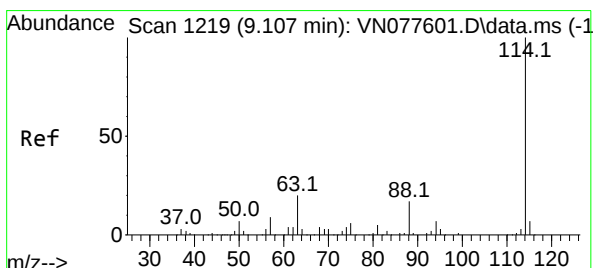
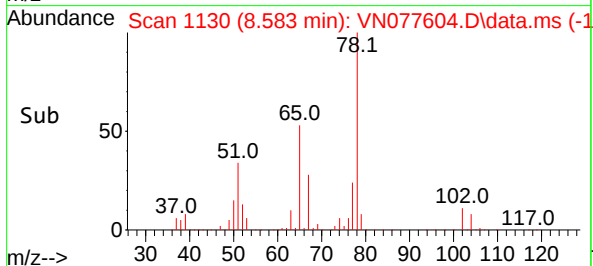
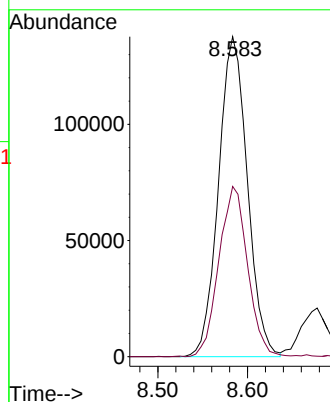
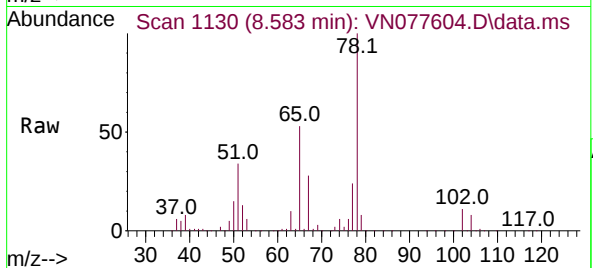




#27
1,2-Dichloroethane-d4
Concen: 30.074 ug/l
RT: 8.583 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

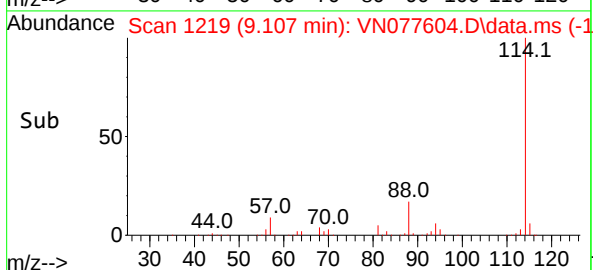
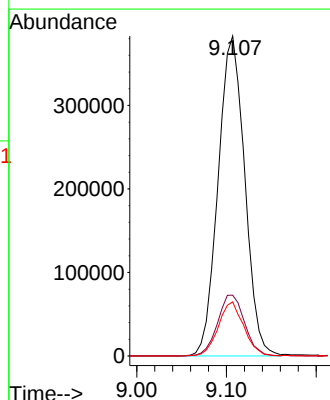
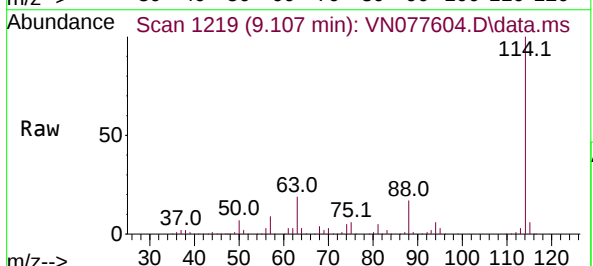
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

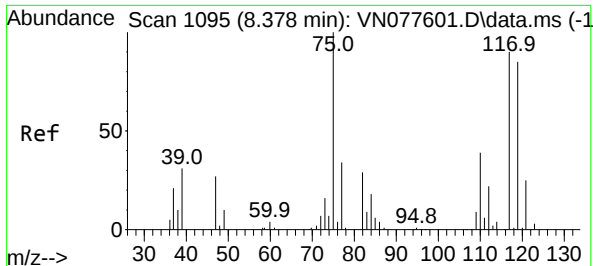
Tgt Ion: 65 Resp: 307498
Ion Ratio Lower Upper
65 100
67 53.0 41.3 61.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 114 Resp: 788532
Ion Ratio Lower Upper
114 100
63 19.4 15.8 23.6
88 16.2 13.0 19.4





#29

1,1-Dichloropropene

Concen: 96.960 ug/l

RT: 8.378 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

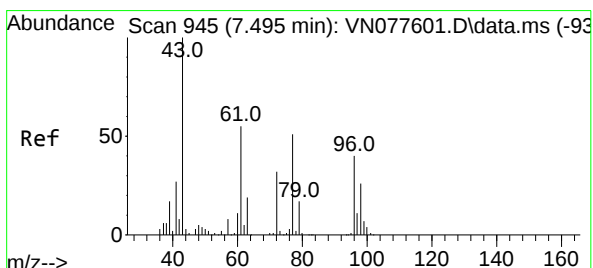
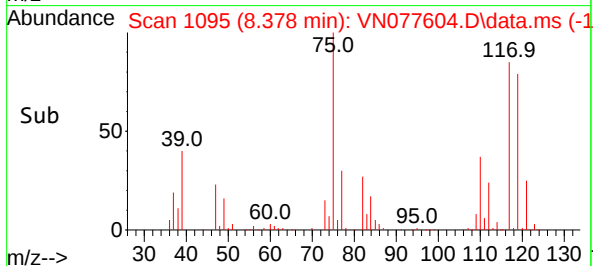
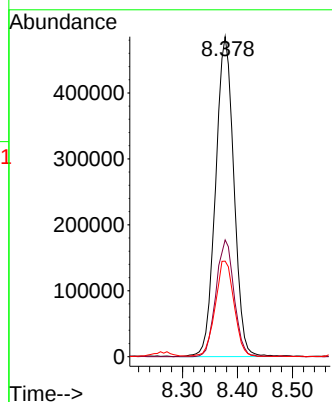
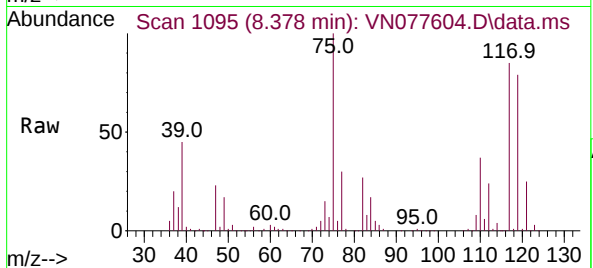
Tgt Ion: 75 Resp: 1120155

Ion Ratio Lower Upper

75 100

110 36.1 0.0 69.8

77 30.5 0.0 61.4



#30

2-Butanone

Concen: 475.161 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

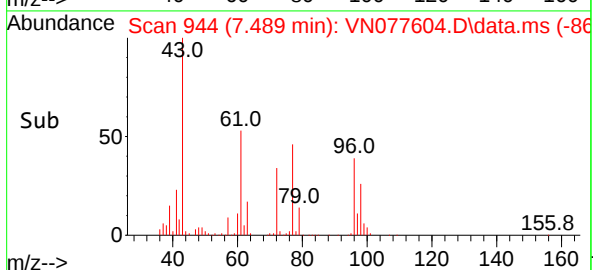
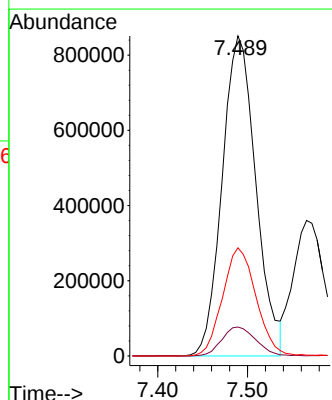
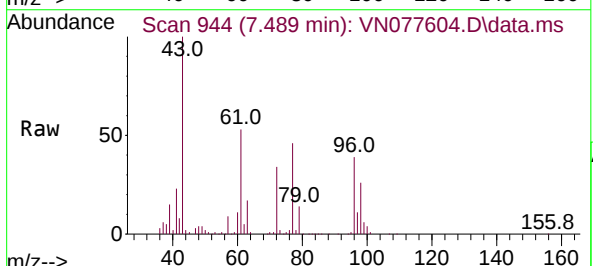
Tgt Ion: 43 Resp: 2221684

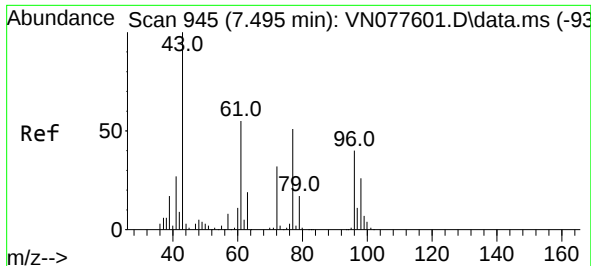
Ion Ratio Lower Upper

43 100

57 9.2 7.2 10.8

72 33.6 26.2 39.2





#31

2,2-Dichloropropane

Concen: 95.665 ug/l

RT: 7.501 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

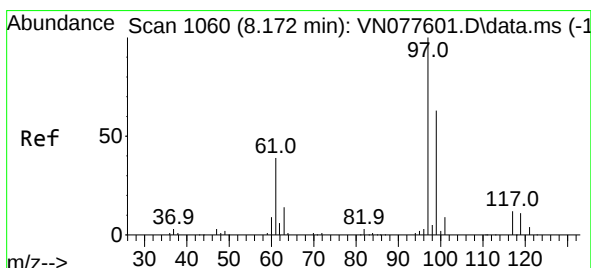
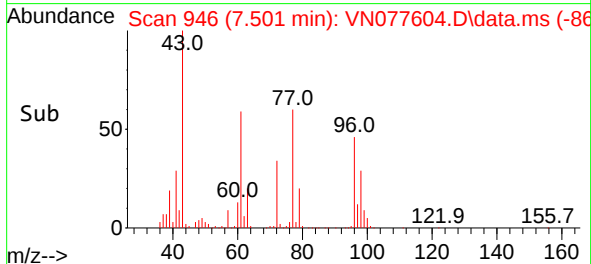
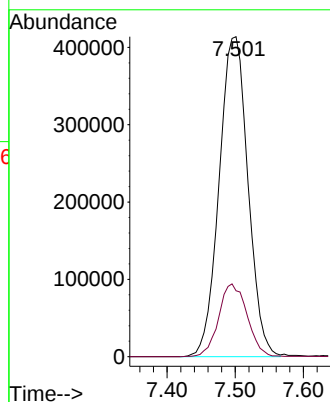
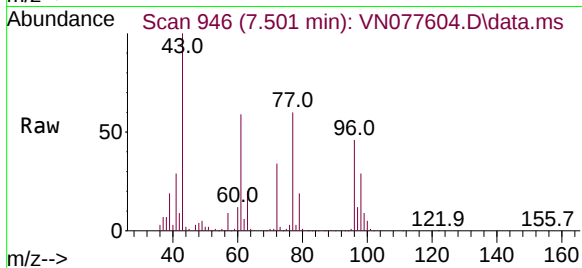
VSTDIC100

Tgt Ion: 77 Resp: 1217868

Ion Ratio Lower Upper

77 100

97 22.4 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 95.881 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

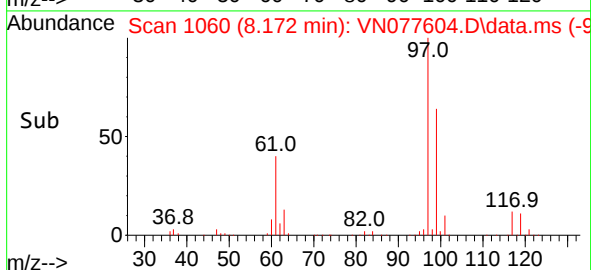
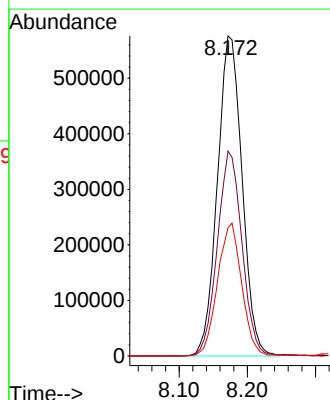
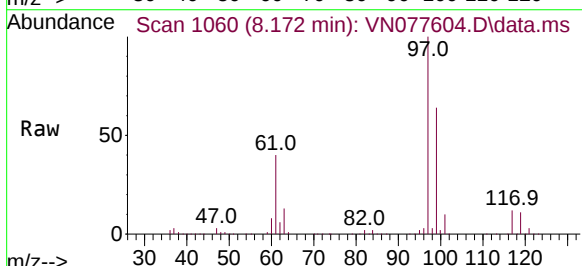
Tgt Ion: 97 Resp: 1453945

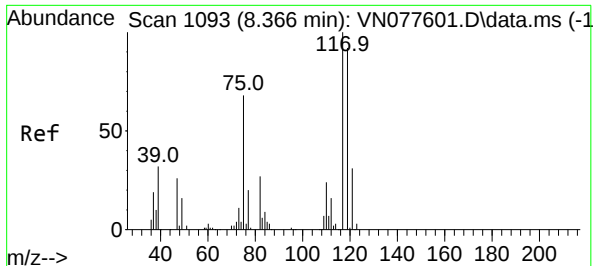
Ion Ratio Lower Upper

97 100

99 63.9 53.1 79.7

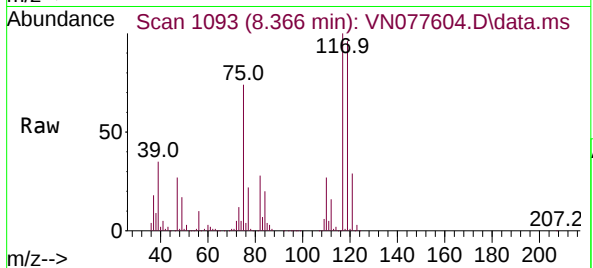
61 40.5 35.1 52.7



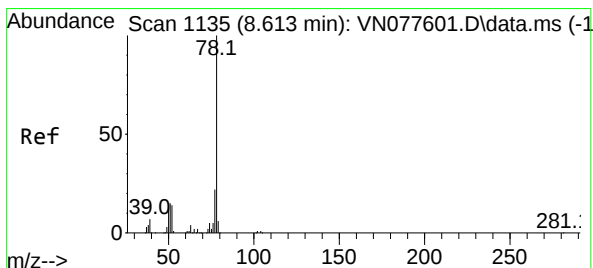
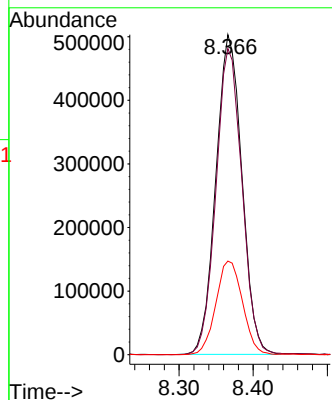
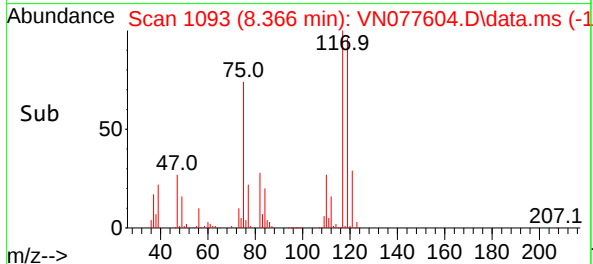


#33
Carbon Tetrachloride
Concen: 97.281 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

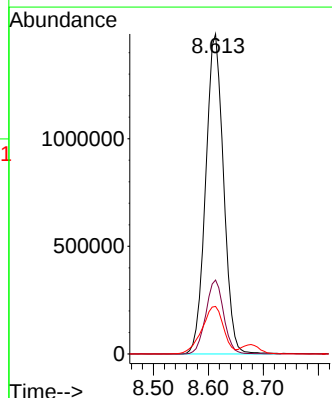
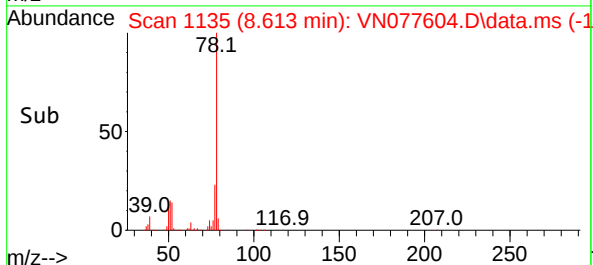
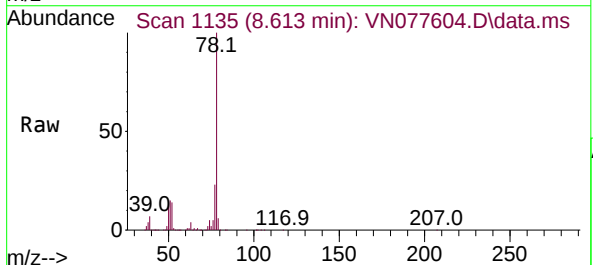


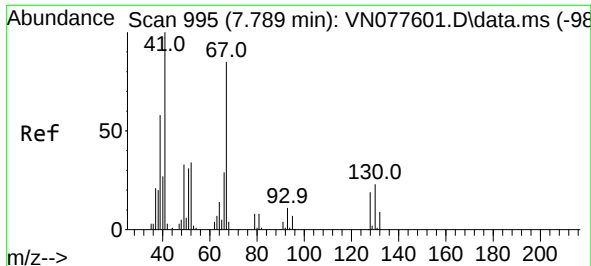
Tgt Ion:117 Resp: 1225547
Ion Ratio Lower Upper
117 100
119 95.7 73.9 110.9
121 29.3 25.0 37.4



#34
Benzene
Concen: 94.185 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 78 Resp: 3357295
Ion Ratio Lower Upper
78 100
77 23.1 17.2 25.8
51 14.8 12.3 18.5

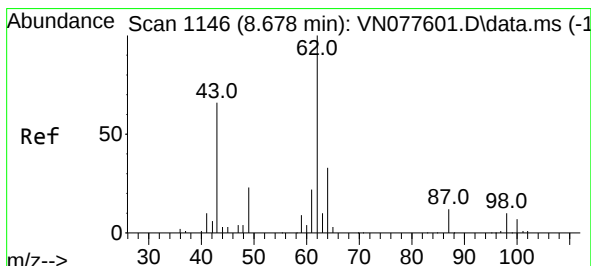
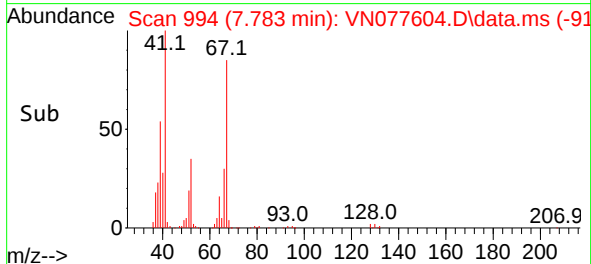
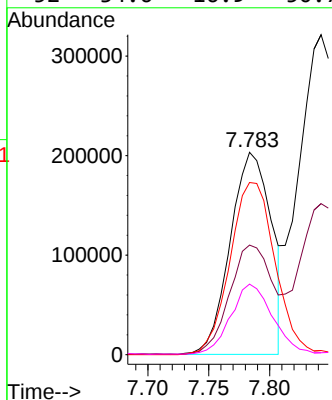
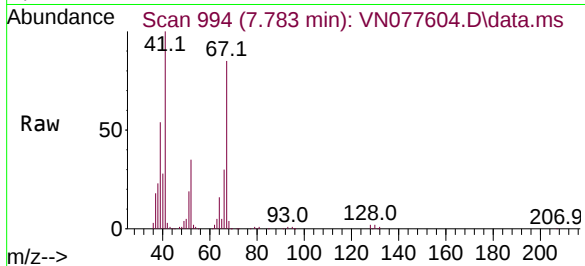




#35
Methacrylonitrile
Concen: 91.858 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

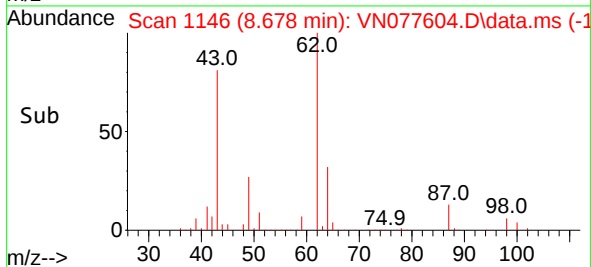
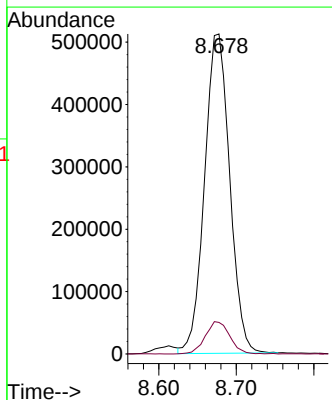
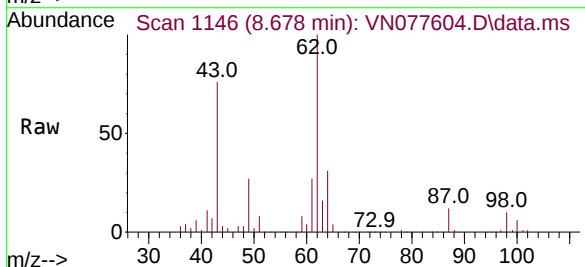
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

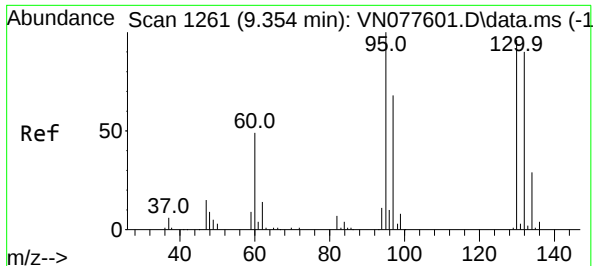
Tgt Ion: 41 Resp: 476352
Ion Ratio Lower Upper
41 100
39 54.0 28.7 86.3
67 85.2 42.7 128.1
52 34.6 16.9 50.7



#36
1,2-Dichloroethane
Concen: 91.163 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 62 Resp: 1155826
Ion Ratio Lower Upper
62 100
98 9.9 7.6 11.4





#37

Trichloroethene

Concen: 95.674 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

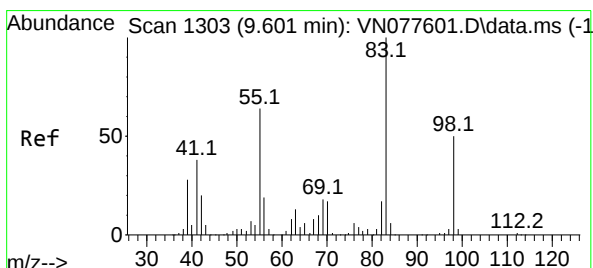
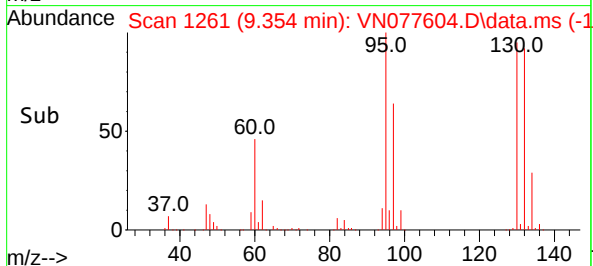
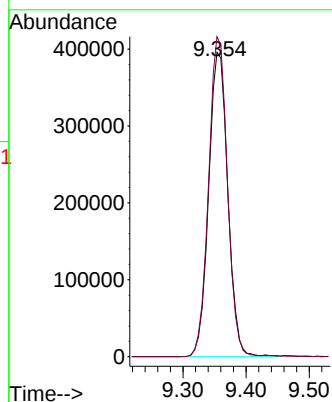
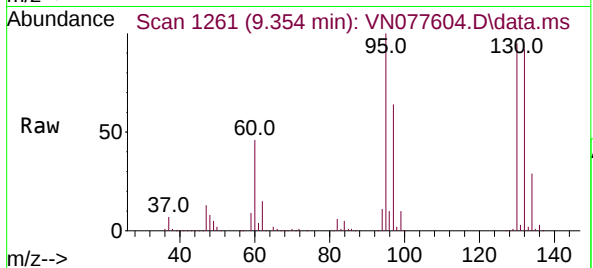
VSTDIC100

Tgt Ion:130 Resp: 832305

Ion Ratio Lower Upper

130 100

95 105.1 83.0 124.6



#38

Methylcyclohexane

Concen: 98.949 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

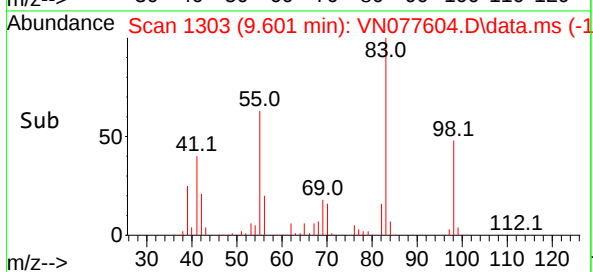
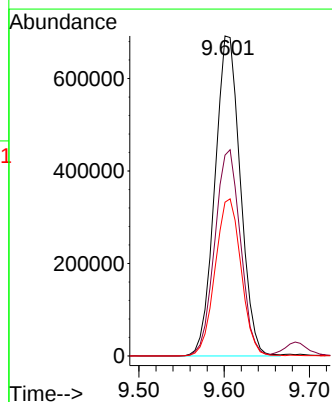
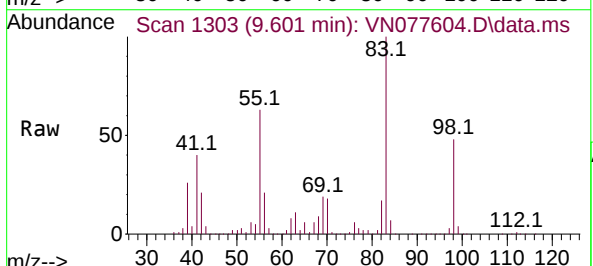
Tgt Ion: 83 Resp: 1435530

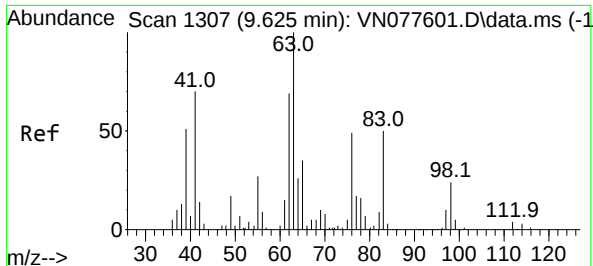
Ion Ratio Lower Upper

83 100

55 65.0 33.6 100.8

98 50.1 25.3 75.8





#39

1,2-Dichloropropane

Concen: 95.511 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

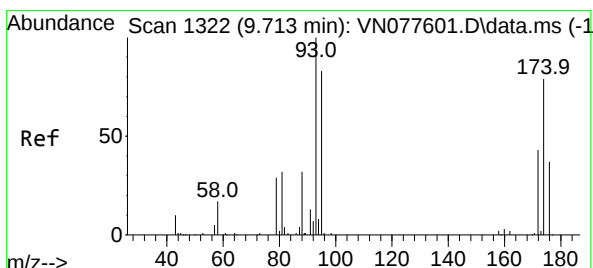
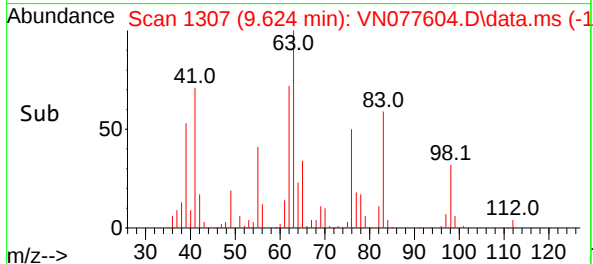
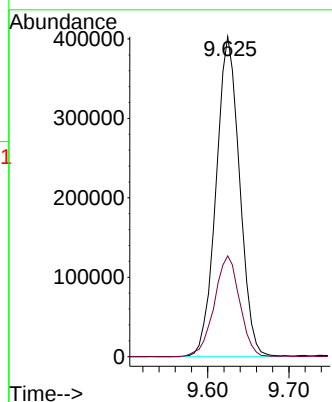
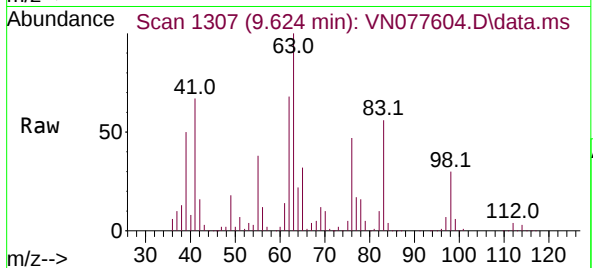
VSTDIC100

Tgt Ion: 63 Resp: 811835

Ion Ratio Lower Upper

63 100

65 31.4 28.2 42.4



#40

Dibromomethane

Concen: 93.071 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

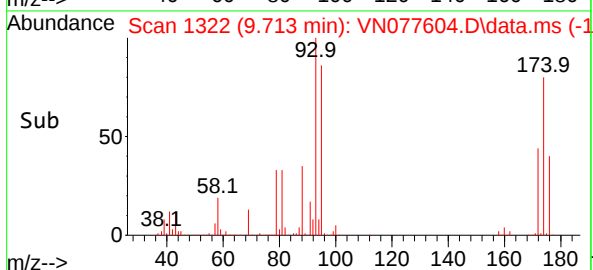
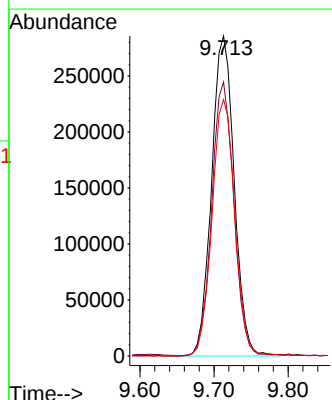
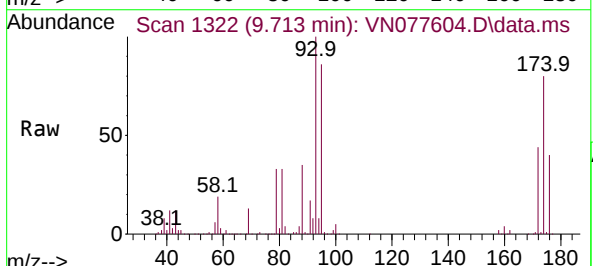
Tgt Ion: 93 Resp: 605207

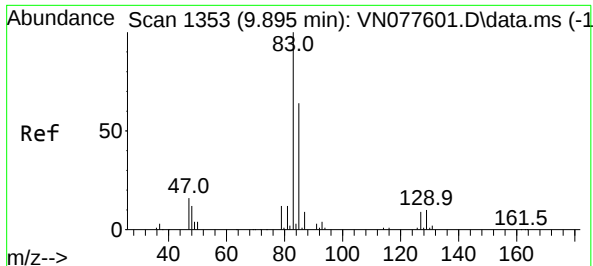
Ion Ratio Lower Upper

93 100

95 83.3 0.0 164.0

174 80.7 0.0 157.0

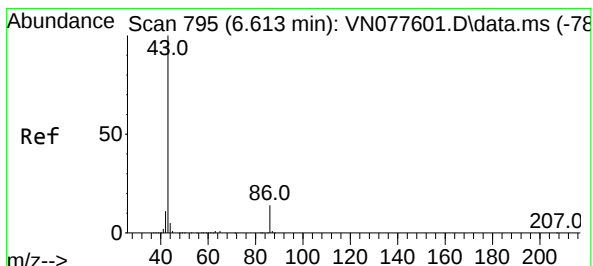
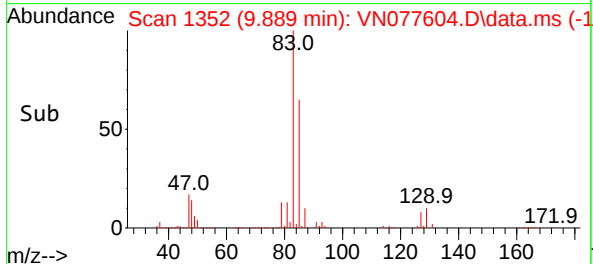
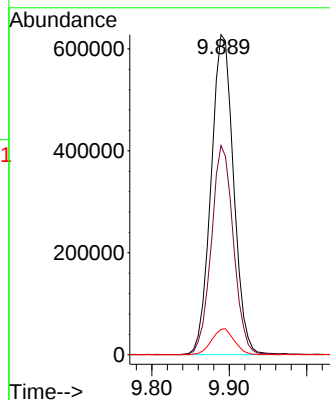
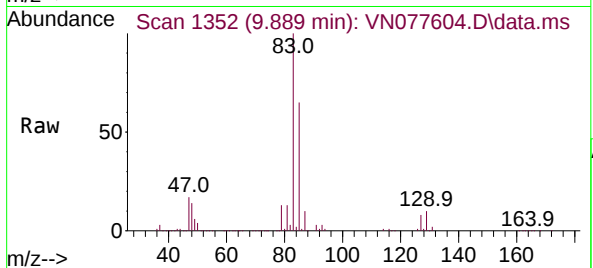




#41
Bromodichloromethane
Concen: 98.461 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

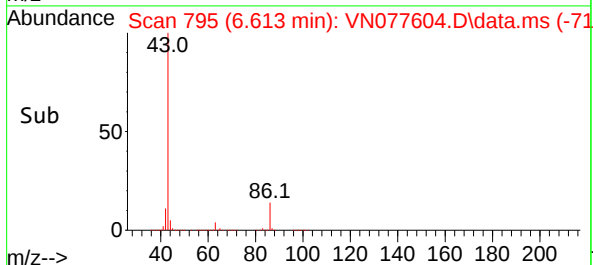
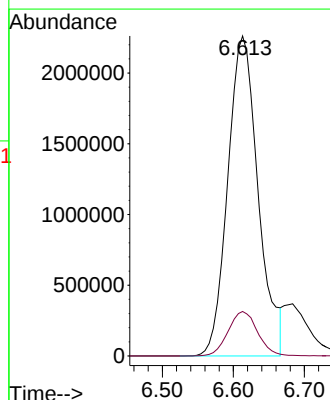
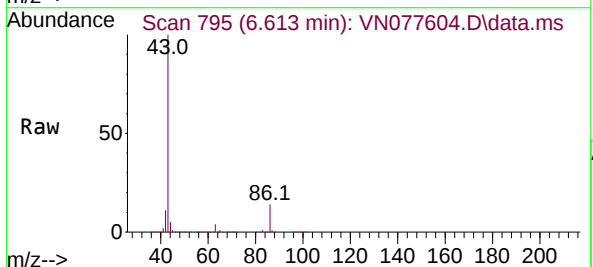
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

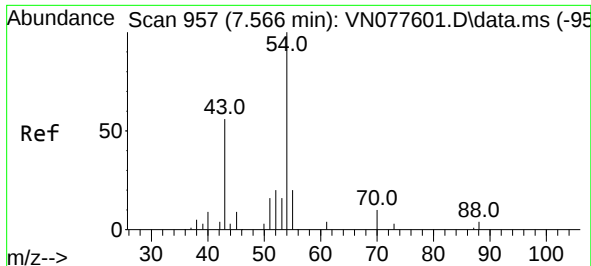
Tgt Ion: 83 Resp: 1268262
Ion Ratio Lower Upper
83 100
85 65.4 51.2 76.8
127 7.9 7.3 10.9



#42
Vinyl Acetate
Concen: 492.910 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 43 Resp: 6726741
Ion Ratio Lower Upper
43 100
86 13.6 10.3 15.5

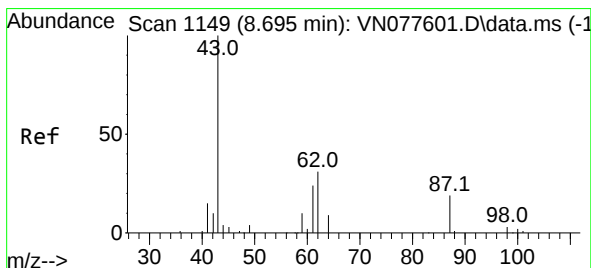
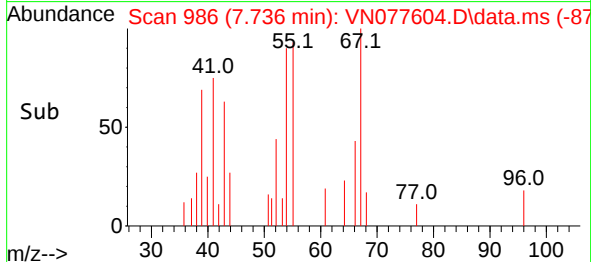
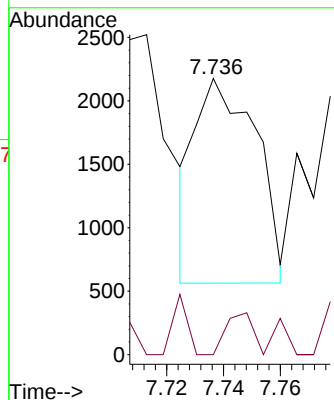
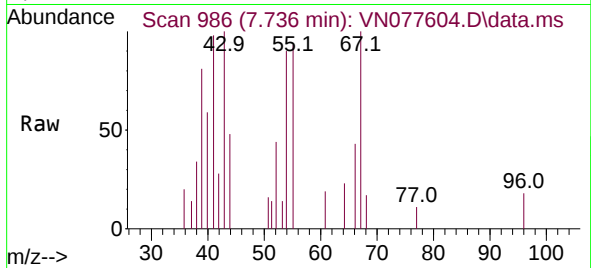




#43
Ethyl Acetate
Concen: 0.247 ug/l
RT: 7.736 min Scan# 91
Delta R.T. 0.170 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

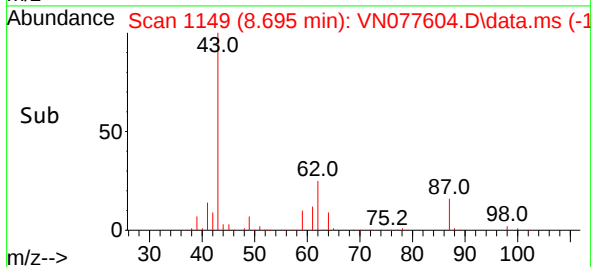
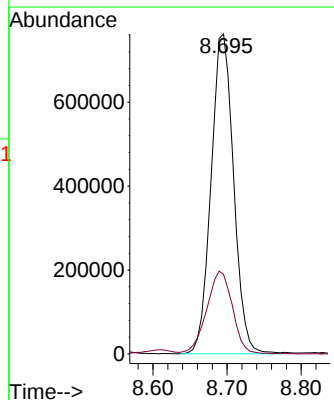
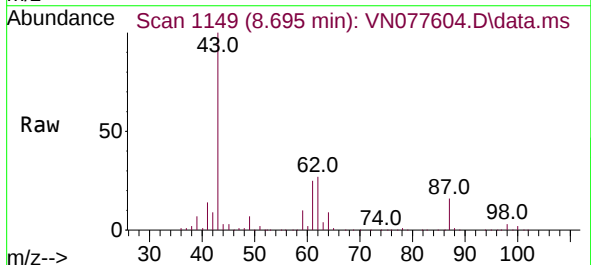
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

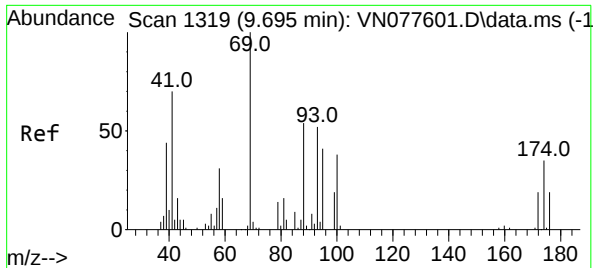
Tgt Ion: 43 Resp: 2400
Ion Ratio Lower Upper
43 100
45 9.0 8.2 12.4



#44
Isopropyl Acetate
Concen: 97.420 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 43 Resp: 1610409
Ion Ratio Lower Upper
43 100
61 29.7 23.2 34.8

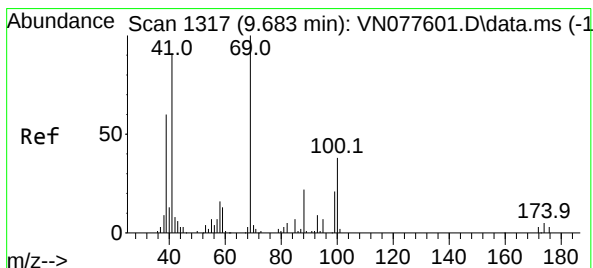
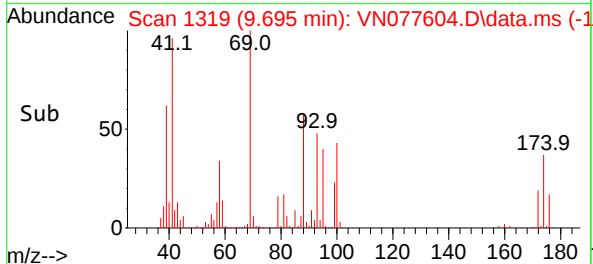
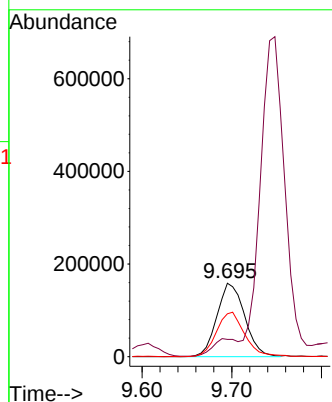
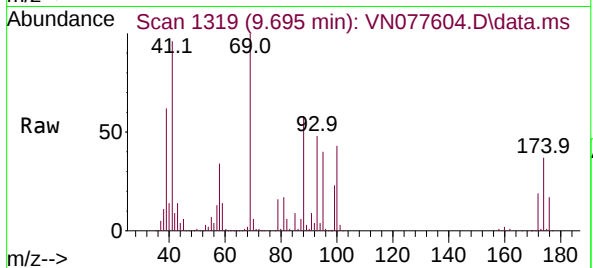




#45
1,4-Dioxane
Concen: 1932.674 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

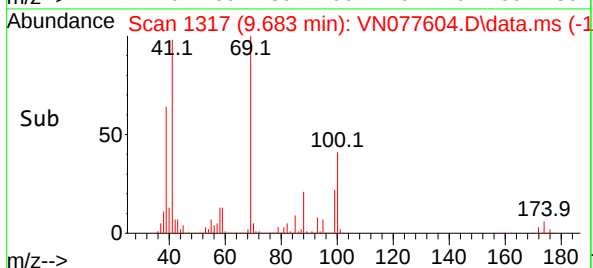
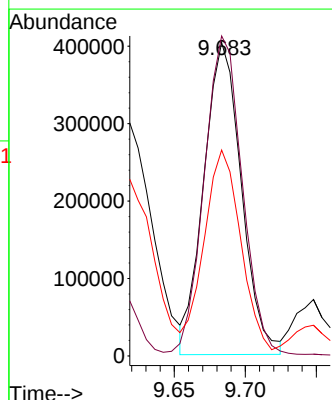
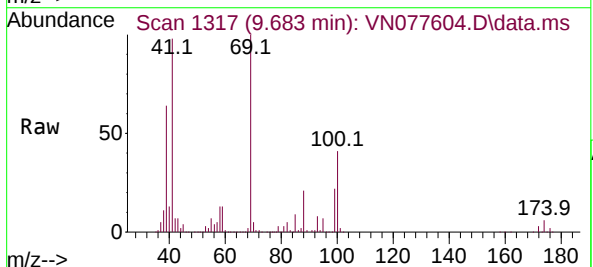
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

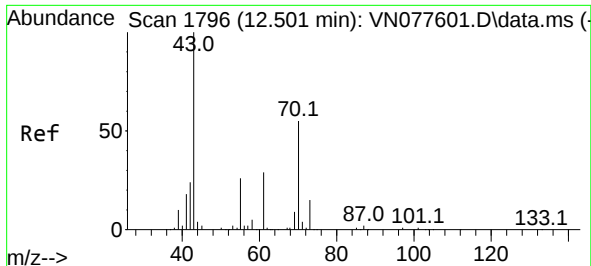
Tgt Ion: 88 Resp: 339689
Ion Ratio Lower Upper
88 100
43 21.1 18.2 27.2
58 62.1 47.5 71.3



#46
Methyl methacrylate
Concen: 98.255 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 41 Resp: 740413
Ion Ratio Lower Upper
41 100
69 105.4 52.0 156.0
39 65.6 33.6 100.6

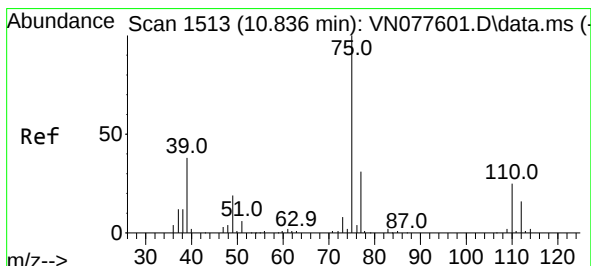
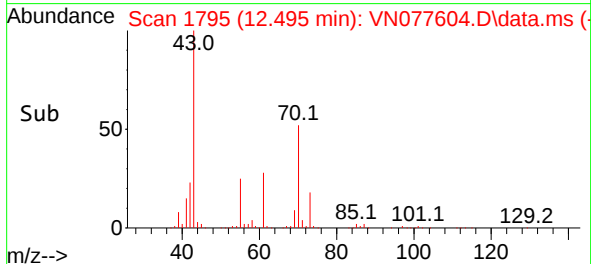
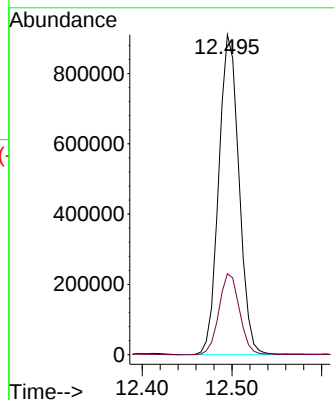
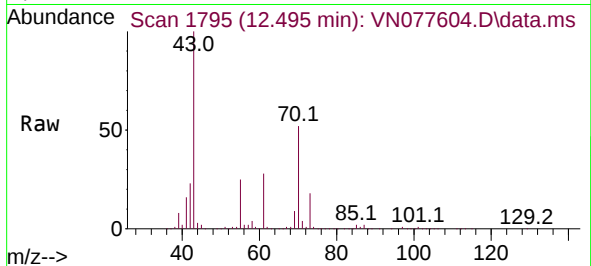




#47
n-amy1 Acetate
Concen: 110.155 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

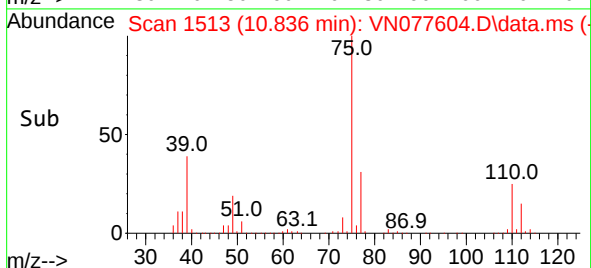
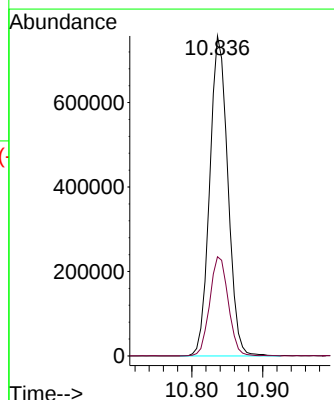
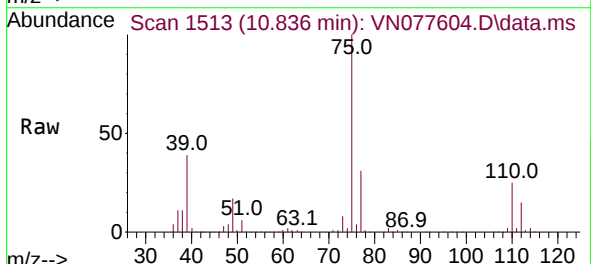
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

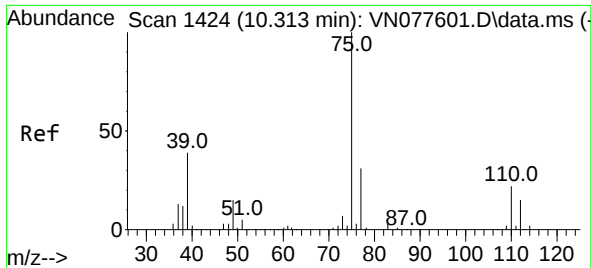
Tgt Ion: 43 Resp: 1427250
Ion Ratio Lower Upper
43 100
55 25.7 21.4 32.0



#48
t-1,3-Dichloropropene
Concen: 104.407 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 75 Resp: 1345675
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7



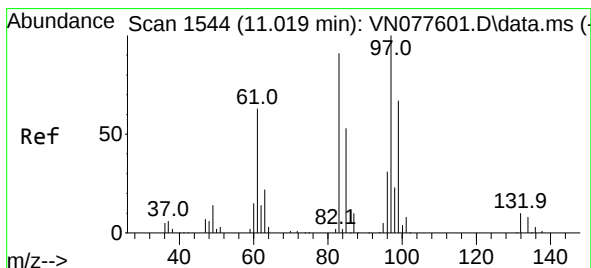
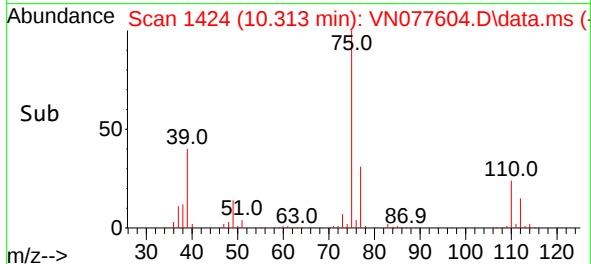
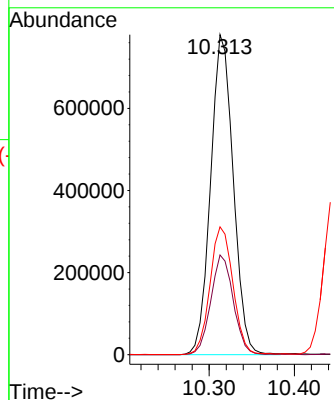
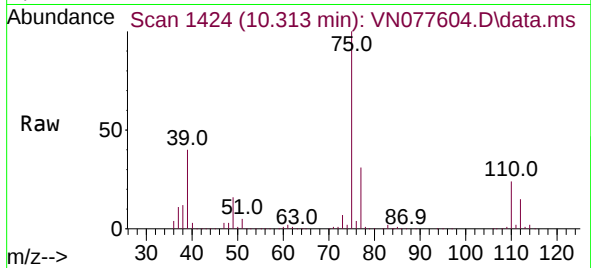


#49
 cis-1,3-Dichloropropene
 Concen: 101.776 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077604.D
 Acq: 05 May 2023 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 1438060

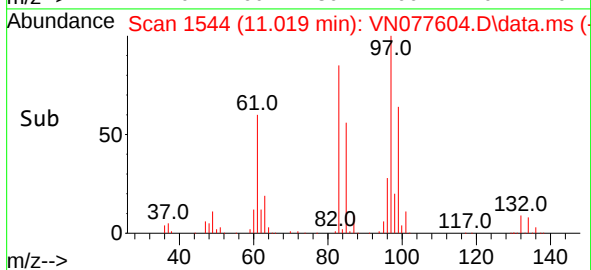
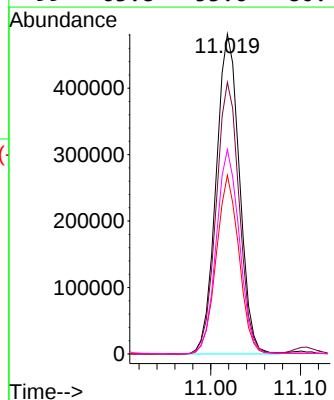
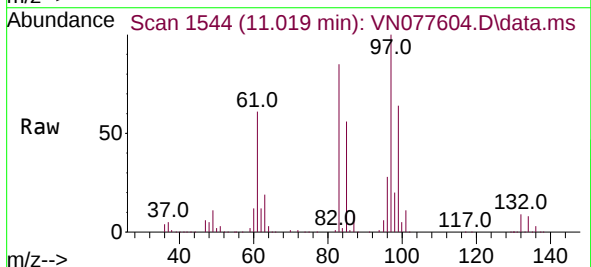
Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.7	37.1
39	39.9	31.0	46.6

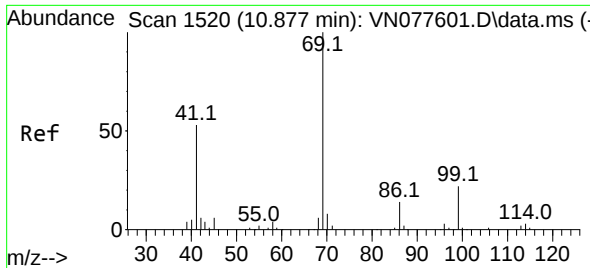


#50
 1,1,2-Trichloroethane
 Concen: 94.997 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077604.D
 Acq: 05 May 2023 20:55

Tgt Ion: 97 Resp: 870723

Ion	Ratio	Lower	Upper
97	100		
83	84.9	72.6	108.8
85	55.9	42.6	63.8
99	63.8	53.6	80.4

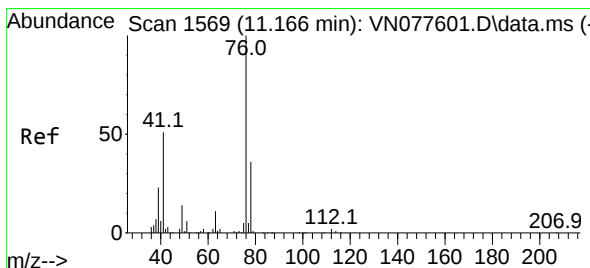
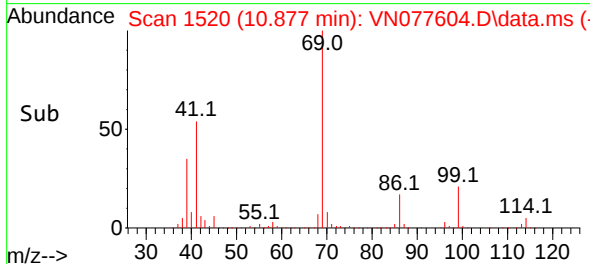
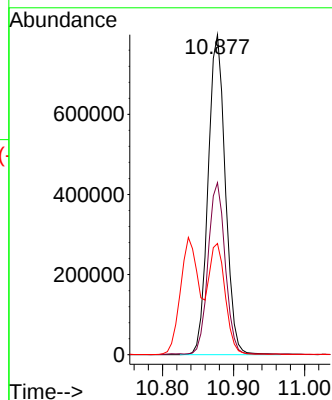
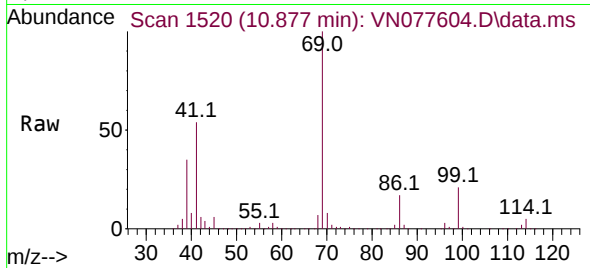




#51
Ethyl methacrylate
Concen: 100.097 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

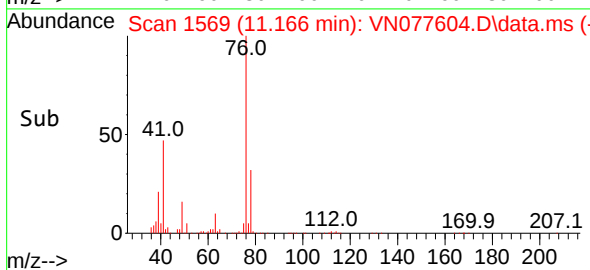
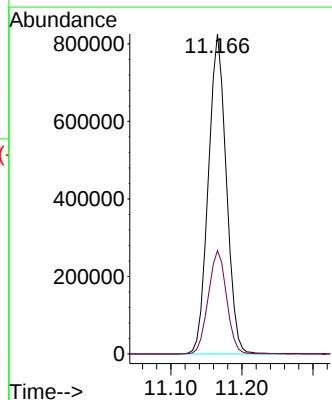
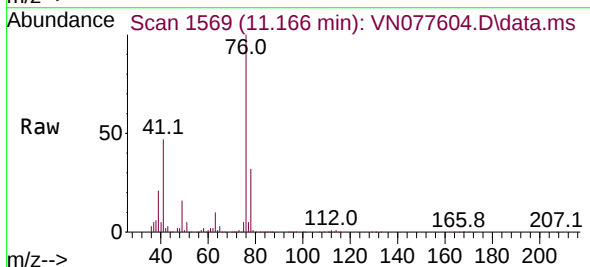
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

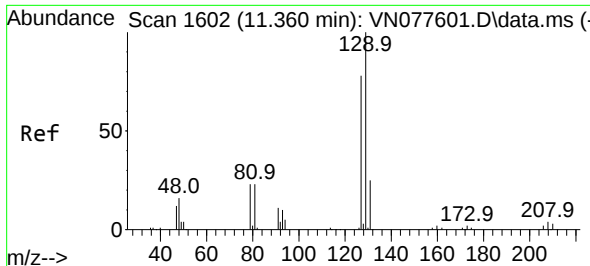
Tgt Ion: 69 Resp: 1343523
Ion Ratio Lower Upper
69 100
41 53.5 26.3 78.9
39 34.6 18.1 54.1



#52
1,3-Dichloropropane
Concen: 94.282 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 76 Resp: 1451909
Ion Ratio Lower Upper
76 100
78 32.9 0.0 66.4

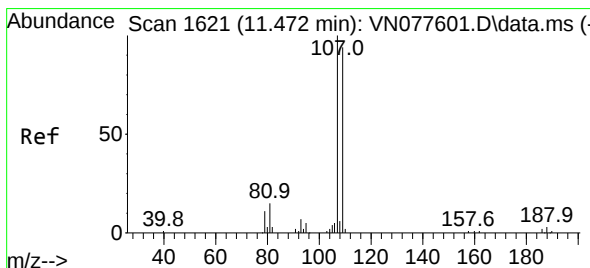
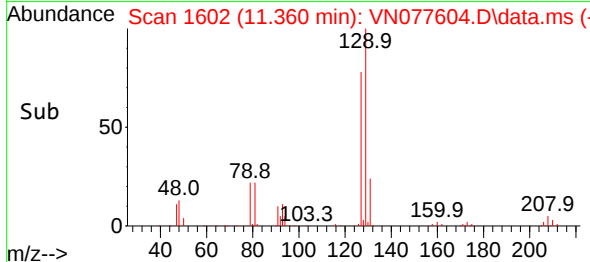
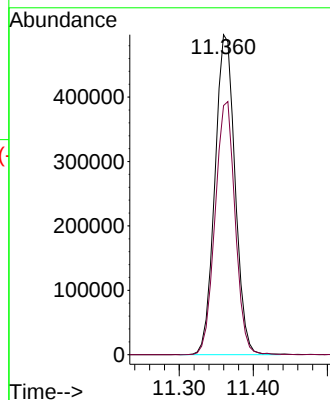
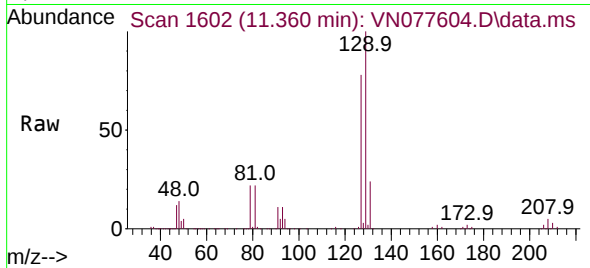




#53
Dibromochloromethane
Concen: 100.612 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

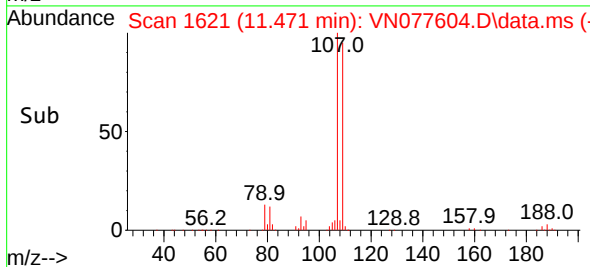
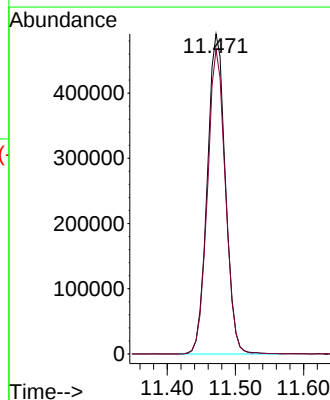
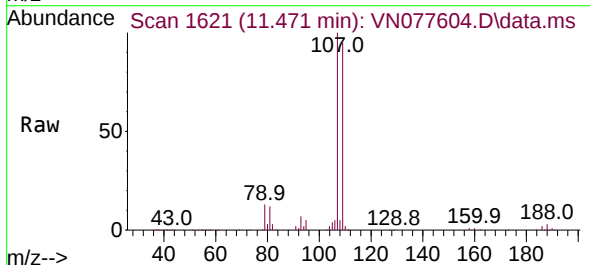
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

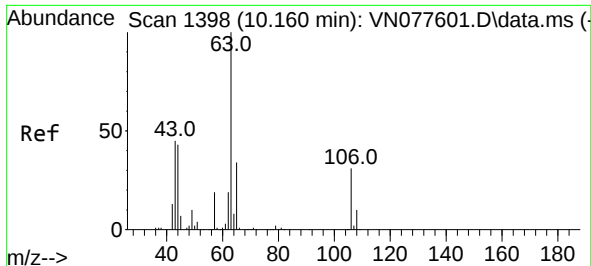
Tgt Ion:129 Resp: 938613
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.1



#54
1,2-Dibromoethane
Concen: 97.585 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion:107 Resp: 905701
Ion Ratio Lower Upper
107 100
109 94.1 77.4 116.2

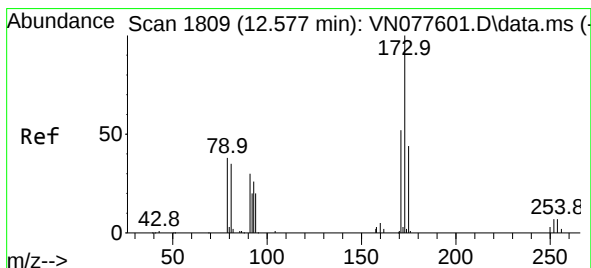
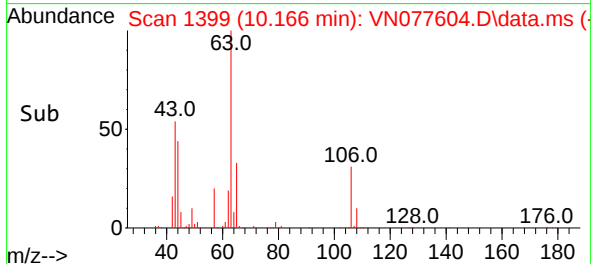
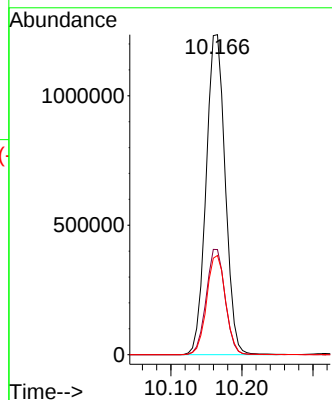
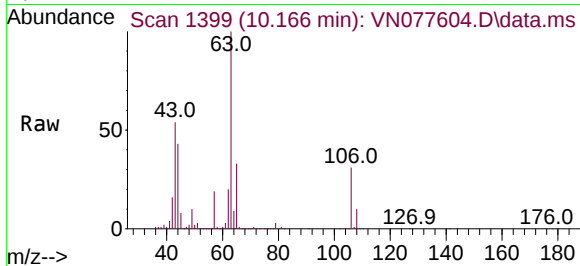




#55
2-Chloroethyl vinyl ether
Concen: 519.142 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

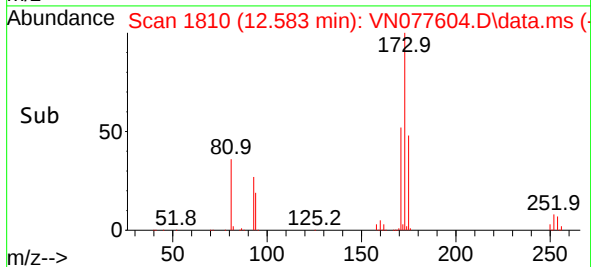
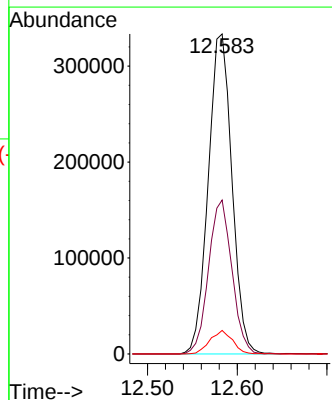
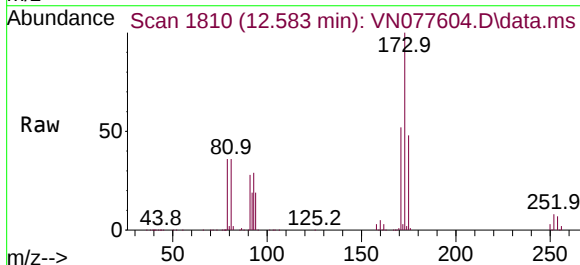
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

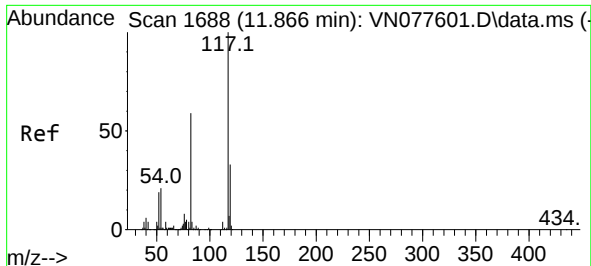
Tgt Ion: 63 Resp: 2313533
Ion Ratio Lower Upper
63 100
65 32.5 26.8 40.2
106 30.7 25.6 38.4



#56
Bromoform
Concen: 108.864 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion:173 Resp: 611650
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 7.0 5.8 8.6

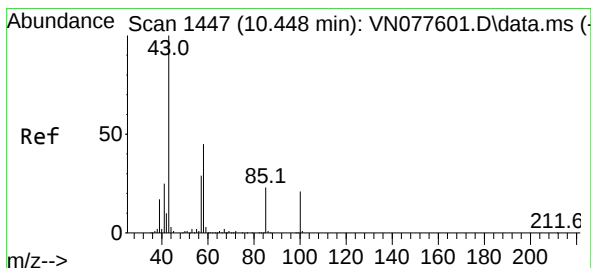
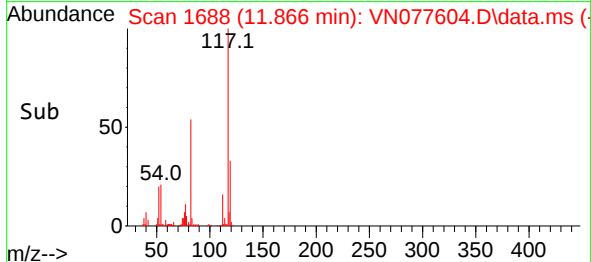
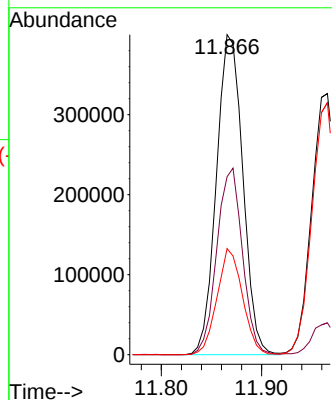
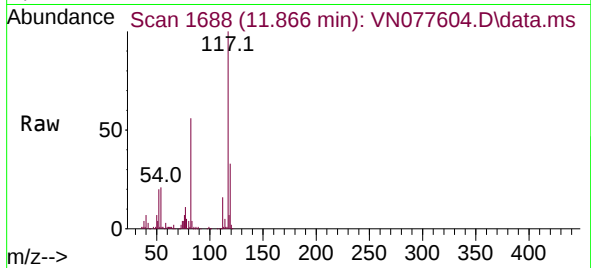




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

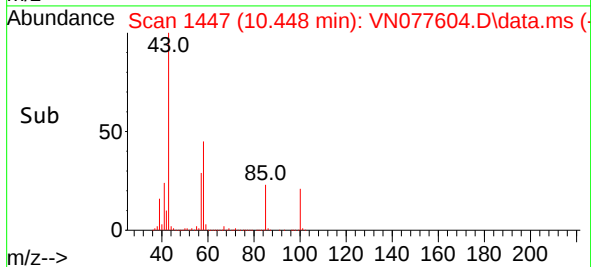
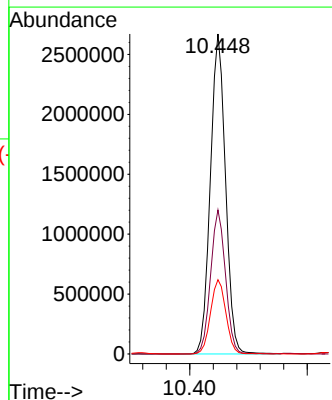
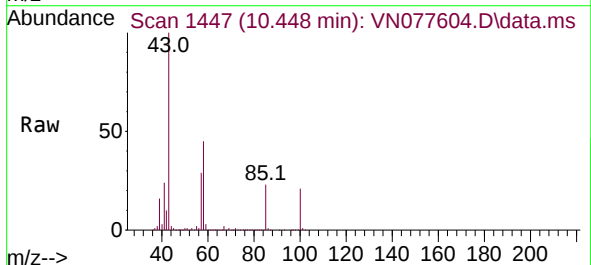
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

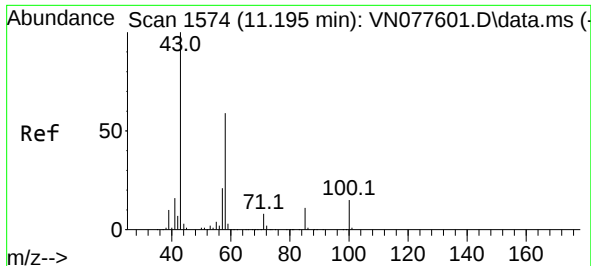
Tgt Ion:117 Resp: 732398
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.8 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 467.097 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 43 Resp: 4772968
Ion Ratio Lower Upper
43 100
58 44.2 35.4 53.2
85 23.5 18.2 27.2





#59

2-Hexanone

Concen: 477.503 ug/l

RT: 11.201 min Scan# 1575

Delta R.T. 0.006 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

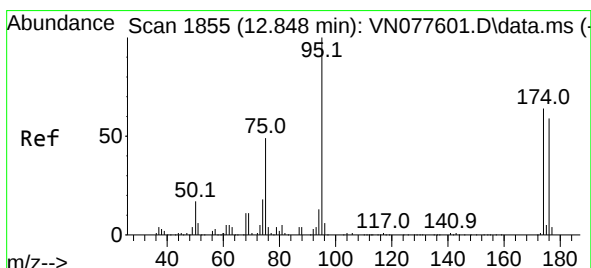
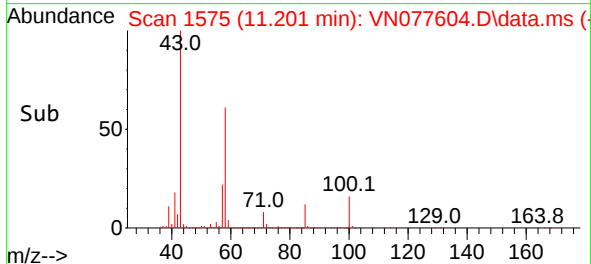
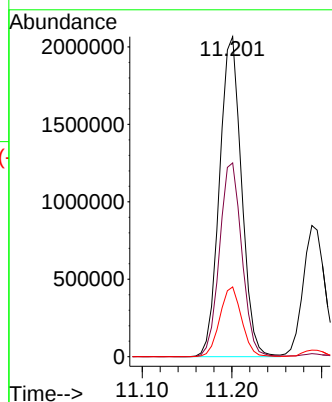
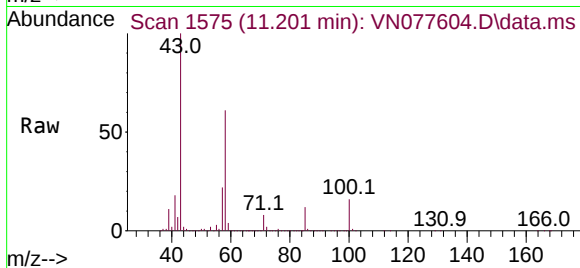
Tgt Ion: 43 Resp: 3522206

Ion Ratio Lower Upper

43 100

58 61.4 48.2 72.2

57 21.6 17.3 25.9



#60

4-Bromofluorobenzene

Concen: 31.254 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

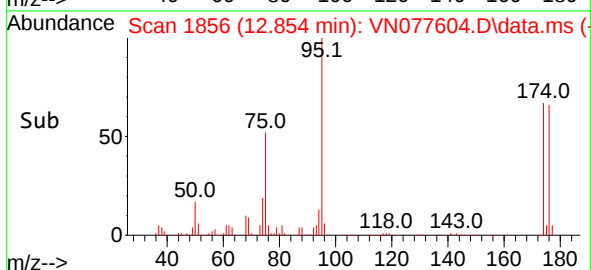
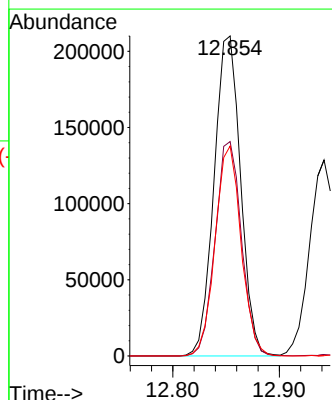
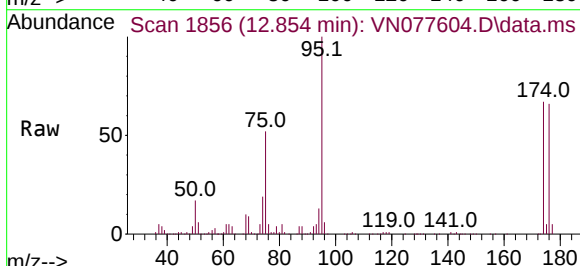
Tgt Ion: 95 Resp: 363273

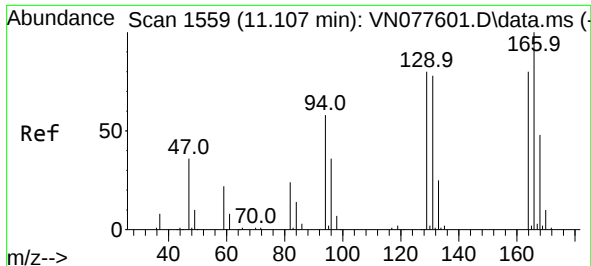
Ion Ratio Lower Upper

95 100

174 66.5 53.4 80.0

176 64.2 50.0 75.0

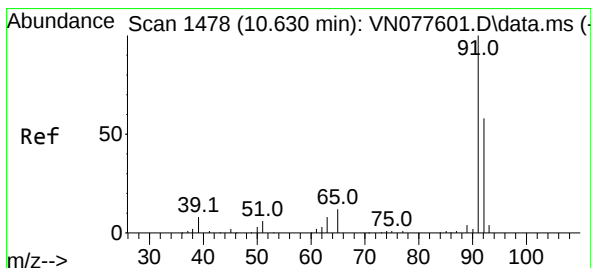
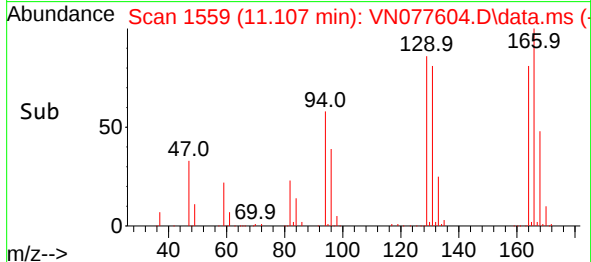
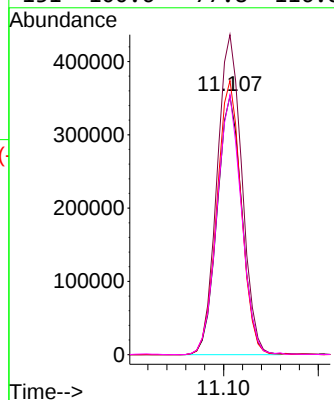
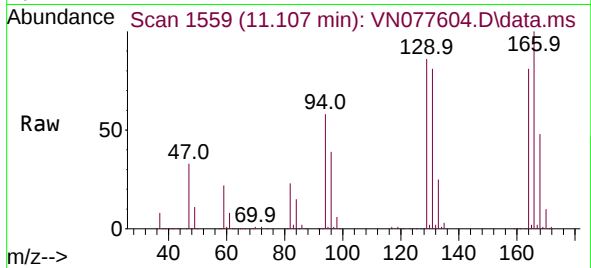




#61
Tetrachloroethene
Concen: 94.430 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

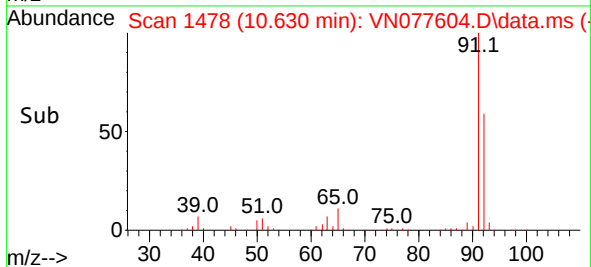
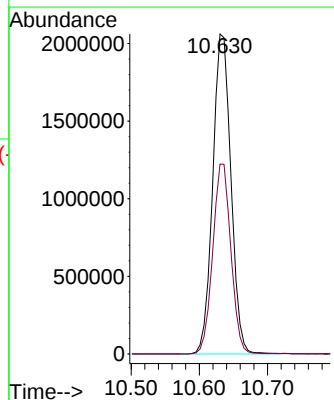
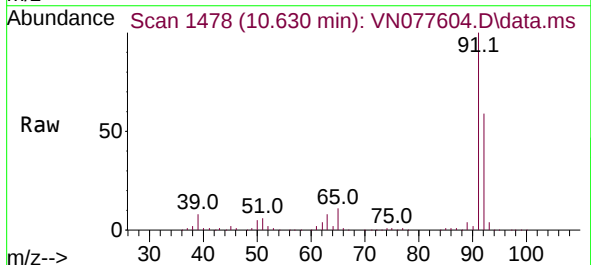
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

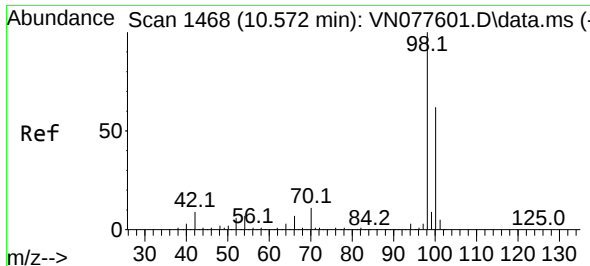
Tgt Ion:164 Resp: 639258
Ion Ratio Lower Upper
164 100
166 123.9 100.5 150.7
129 106.1 80.6 120.8
131 100.6 77.8 116.8



#62
Toluene
Concen: 92.955 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 91 Resp: 3828023
Ion Ratio Lower Upper
91 100
92 59.2 47.0 70.6

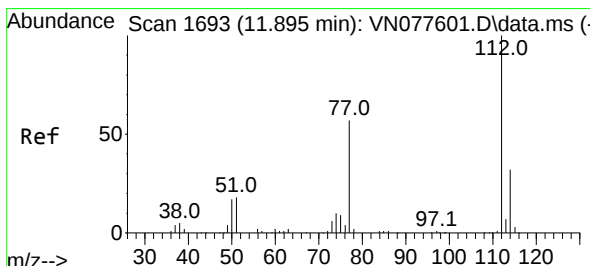
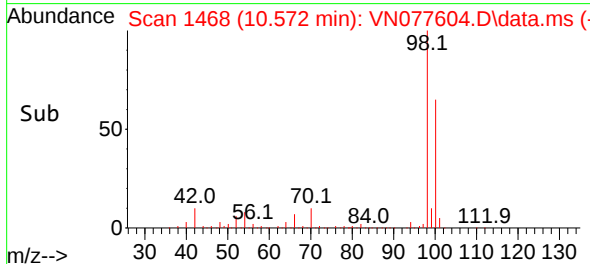
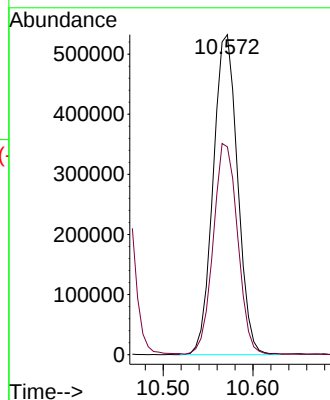
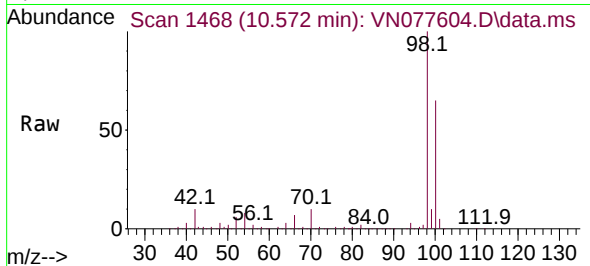




#63
Toluene-d8
Concen: 29.154 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

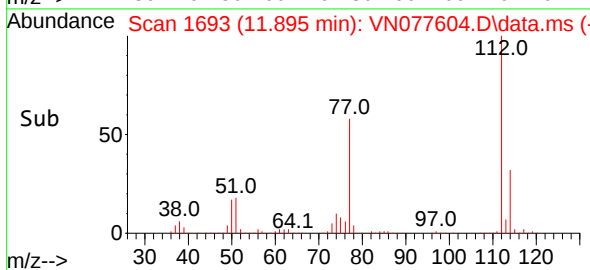
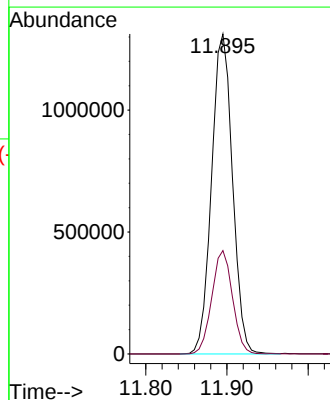
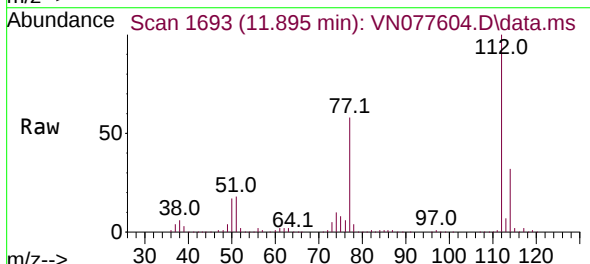
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

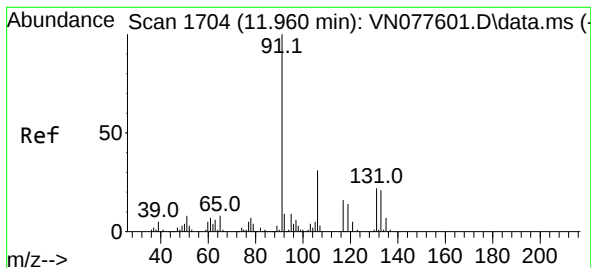
Tgt Ion: 98 Resp: 1006476
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#64
Chlorobenzene
Concen: 96.140 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 112 Resp: 2347558
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 95.463 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

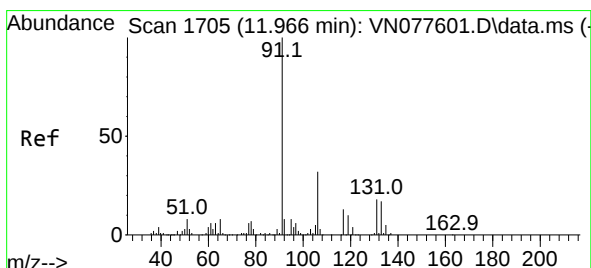
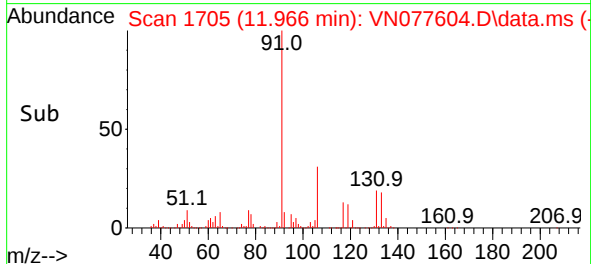
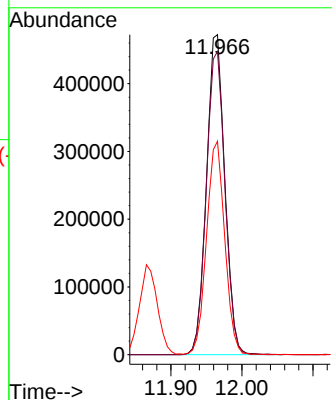
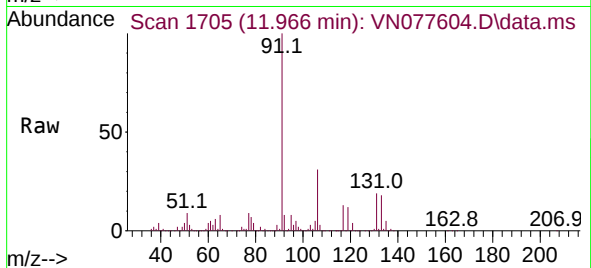
Tgt Ion:131 Resp: 851483

Ion Ratio Lower Upper

131 100

133 95.8 0.0 181.2

119 66.0 0.0 125.0



#66

Ethyl Benzene

Concen: 97.229 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077604.D

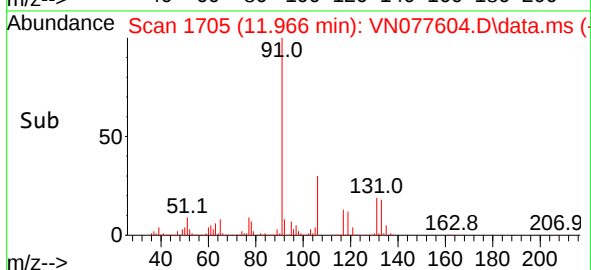
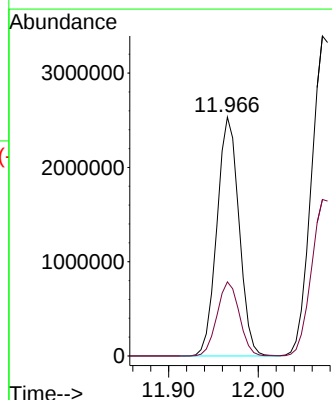
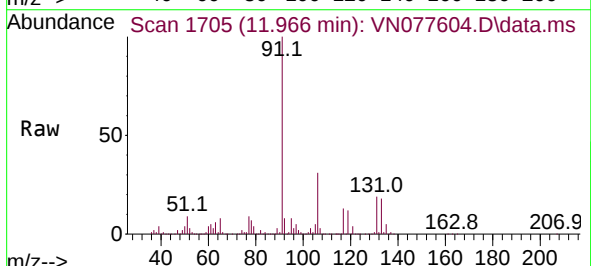
Acq: 05 May 2023 20:55

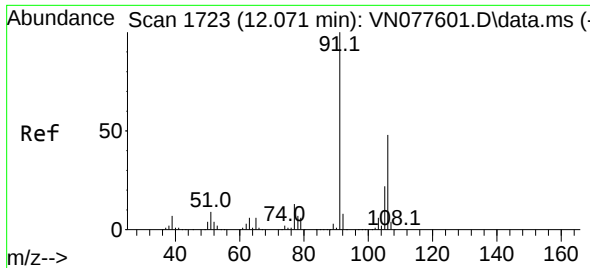
Tgt Ion: 91 Resp: 4330371

Ion Ratio Lower Upper

91 100

106 31.0 25.7 38.5

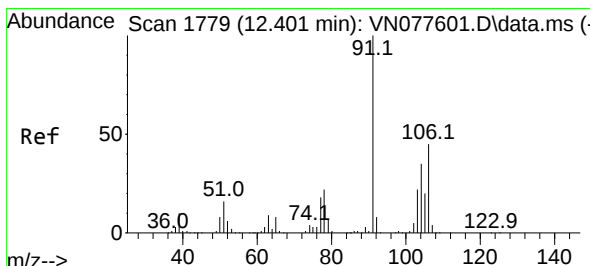
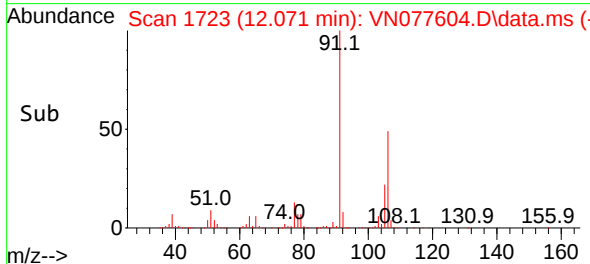
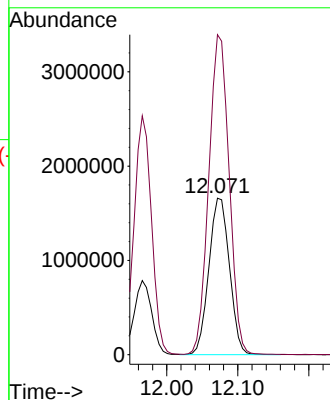
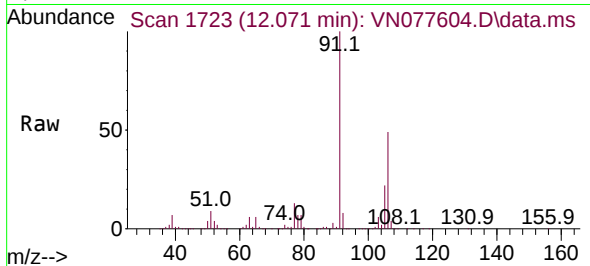




#67
m/p-Xylenes
Concen: 196.804 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

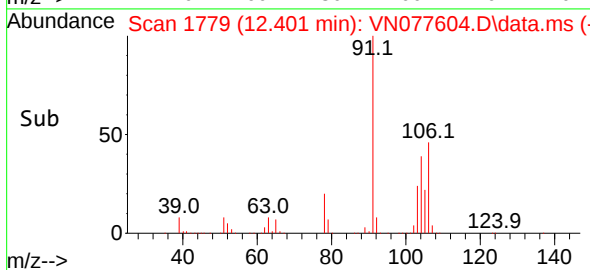
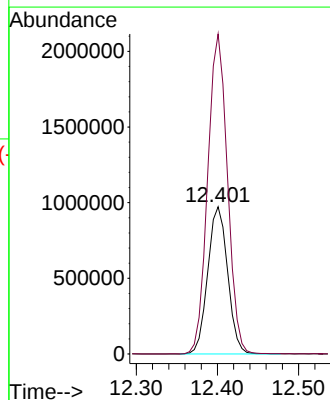
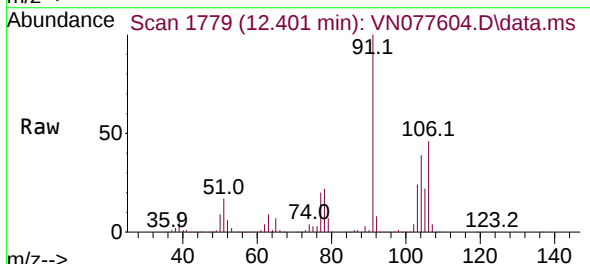
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

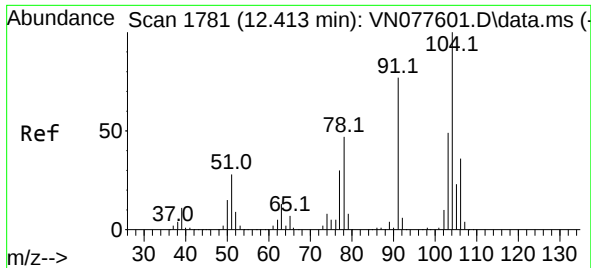
Tgt Ion:106 Resp: 3342102
Ion Ratio Lower Upper
106 100
91 201.8 162.6 244.0



#68
o-Xylene
Concen: 97.894 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion:106 Resp: 1654428
Ion Ratio Lower Upper
106 100
91 215.7 109.5 328.4

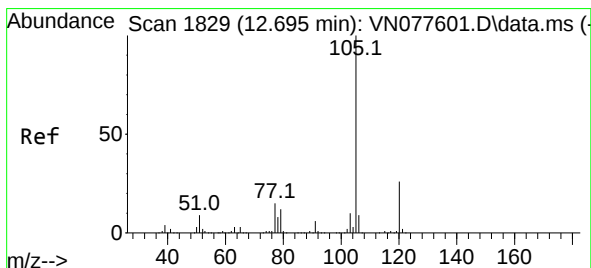
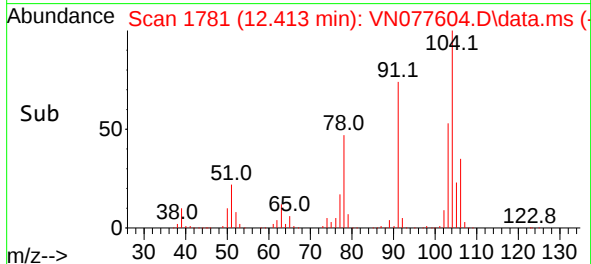
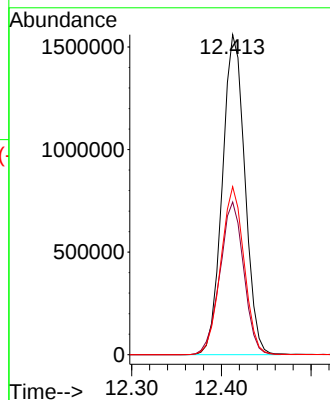
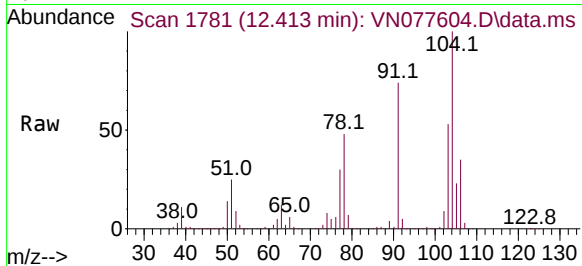




#69
Styrene
Concen: 102.264 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

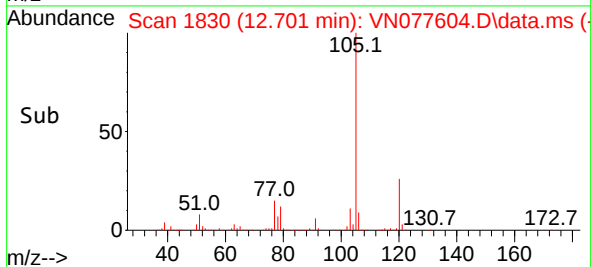
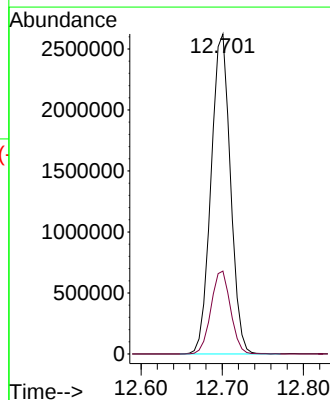
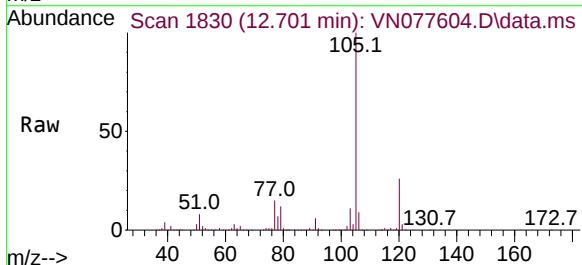
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

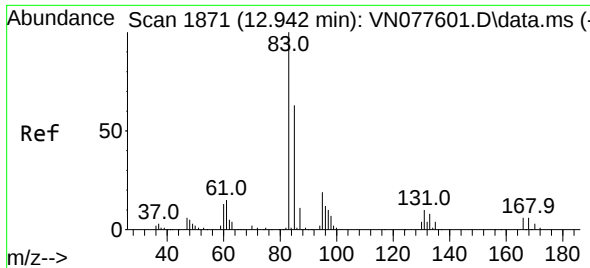
Tgt Ion:104 Resp: 2721046
Ion Ratio Lower Upper
104 100
78 50.3 41.3 61.9
103 54.2 44.0 66.0



#70
Isopropylbenzene
Concen: 99.964 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion:105 Resp: 4349418
Ion Ratio Lower Upper
105 100
120 26.1 18.5 34.3

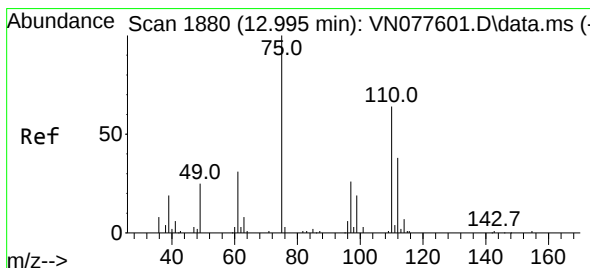
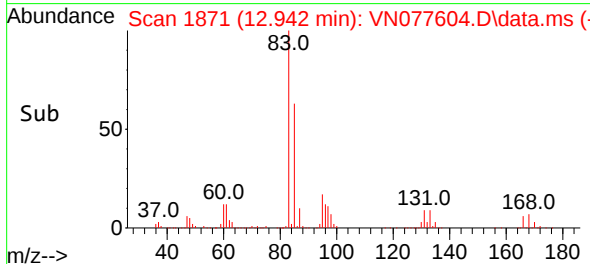
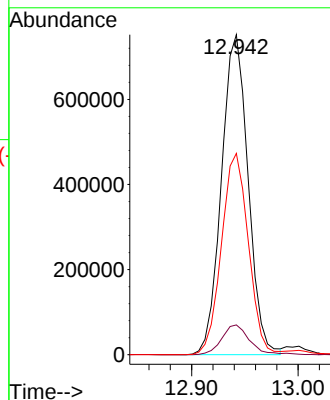
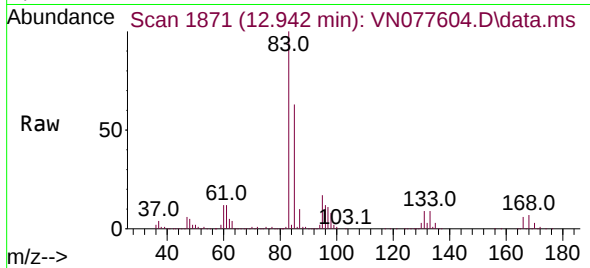




#71
1,1,2,2-Tetrachloroethane
Concen: 96.601 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

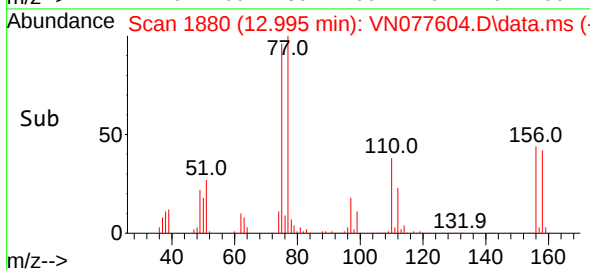
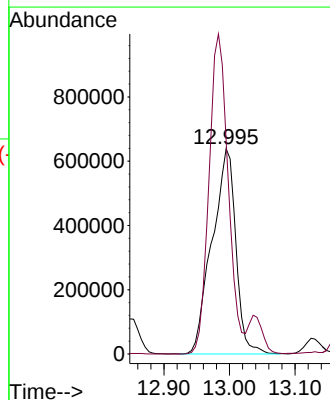
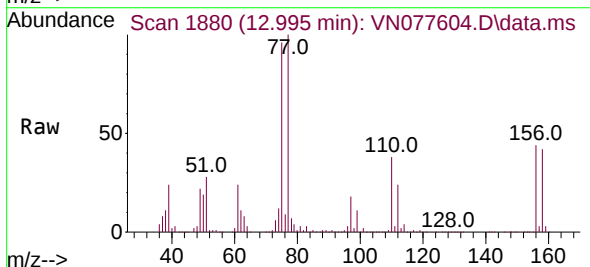
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

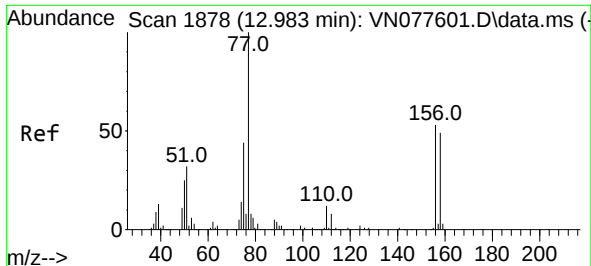
Tgt Ion: 83 Resp: 1307055
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 63.5 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 137.578 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 75 Resp: 1602810
Ion Ratio Lower Upper
75 100
77 126.9 0.0 354.6

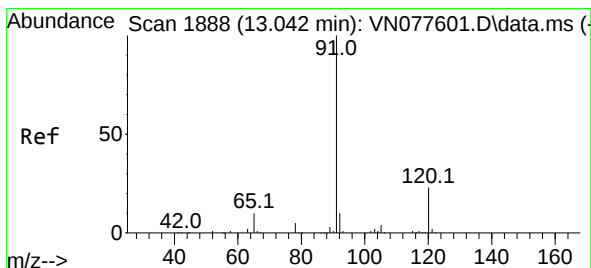
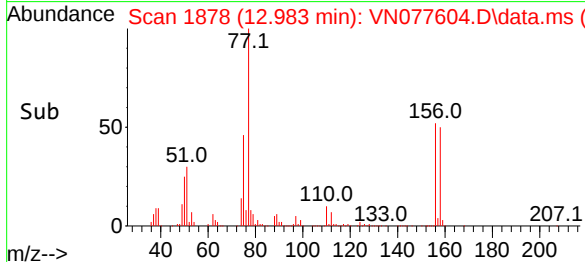
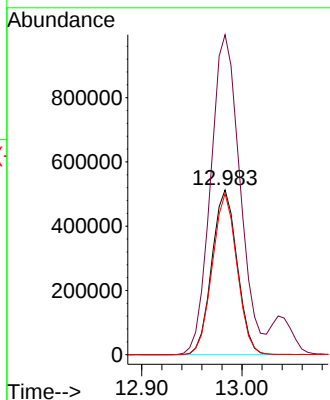
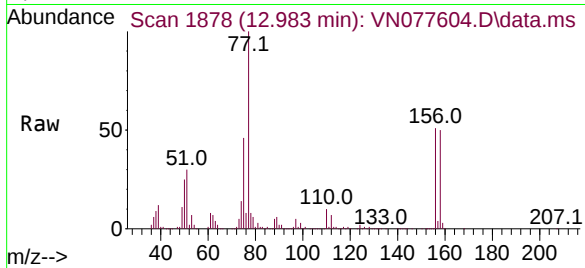




#73
Bromobenzene
Concen: 99.958 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

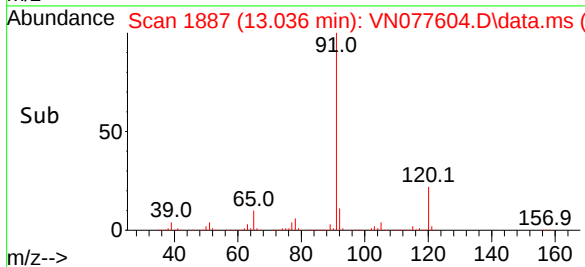
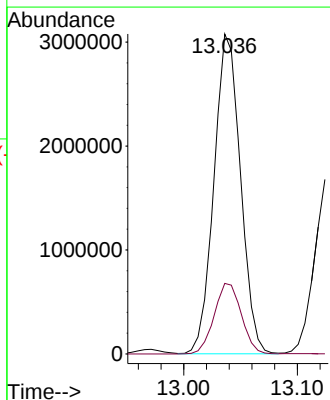
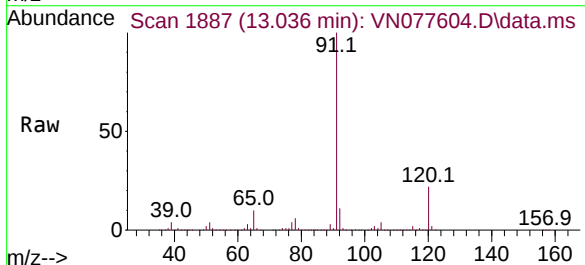
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

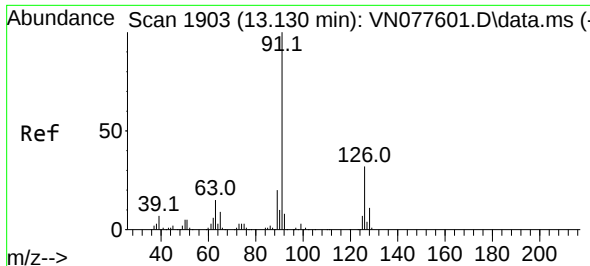
Tgt Ion:156 Resp: 897745
Ion Ratio Lower Upper
156 100
77 226.6 0.0 466.4
158 95.5 0.0 196.2



#74
n-propylbenzene
Concen: 103.392 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 91 Resp: 4992217
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.6

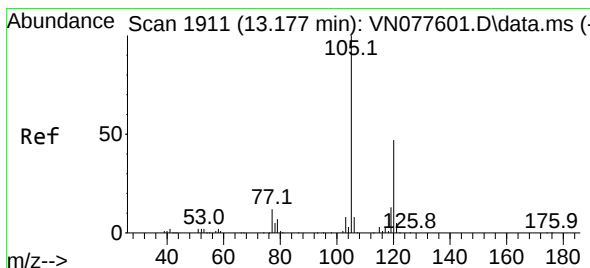
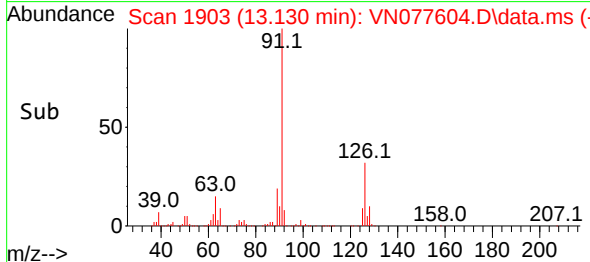
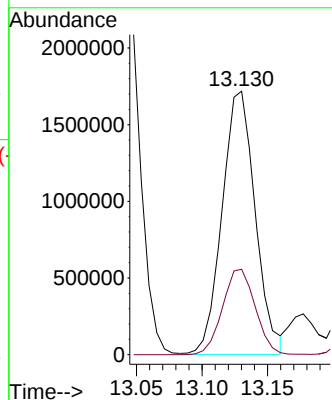
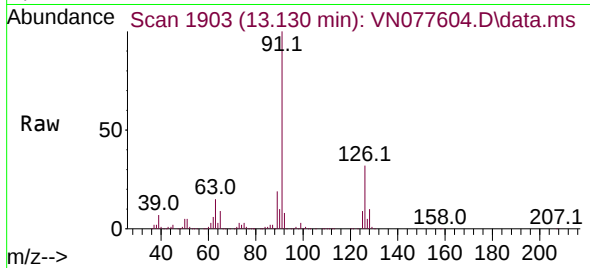




#75
2-Chlorotoluene
Concen: 100.307 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

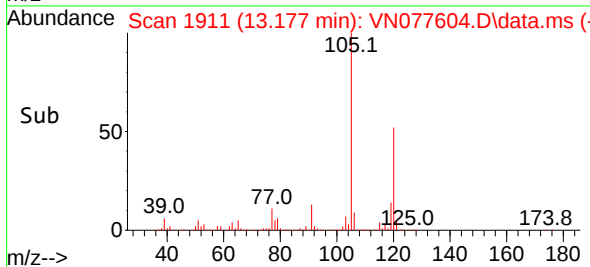
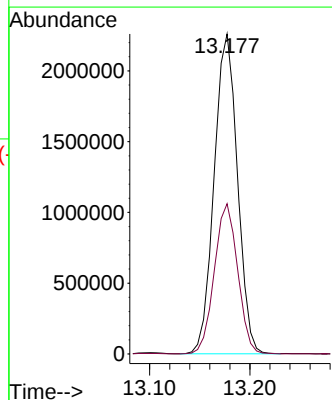
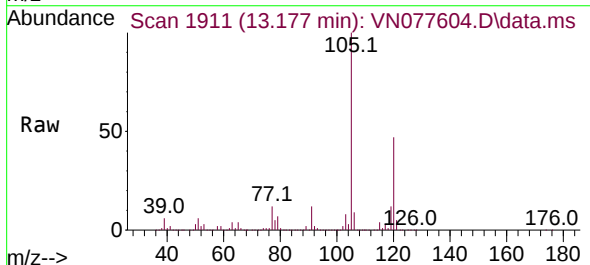
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

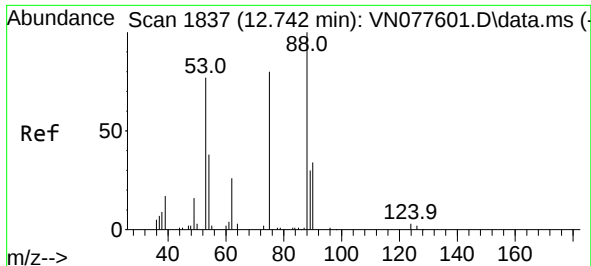
Tgt Ion: 91 Resp: 3014876
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 108.165 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 105 Resp: 3643804
Ion Ratio Lower Upper
105 100
120 46.9 0.0 95.2

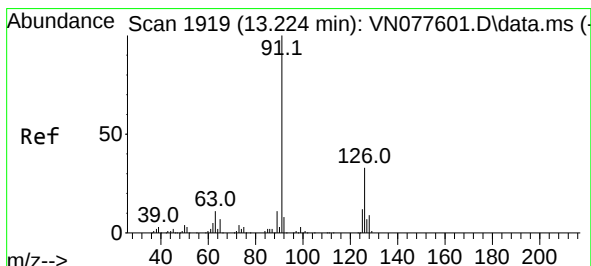
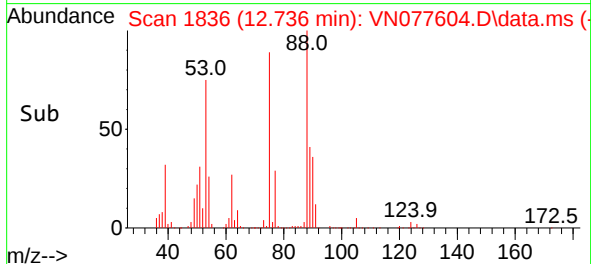
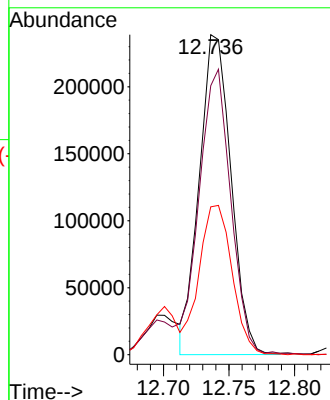
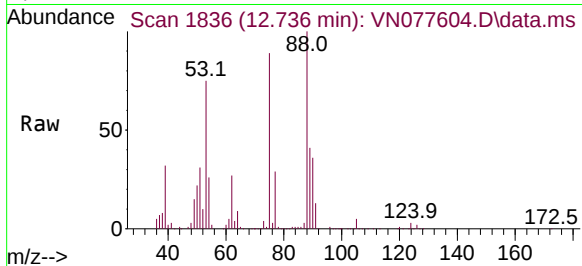




#77
t-1,4-Dichloro-2-butene
Concen: 113.912 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

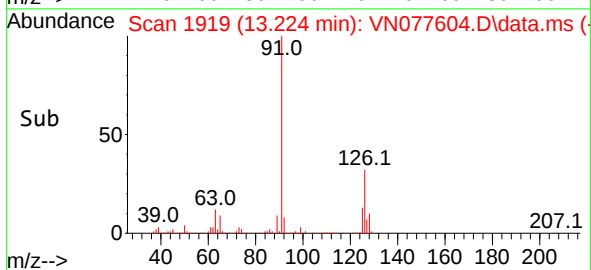
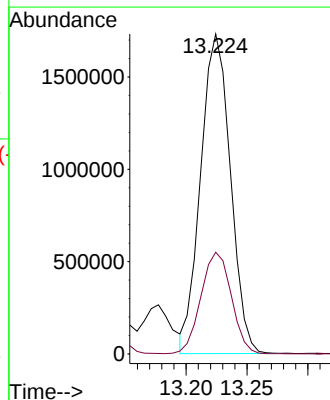
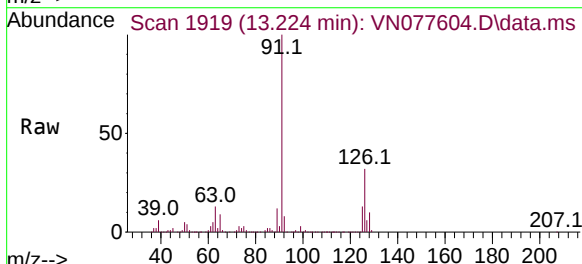
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

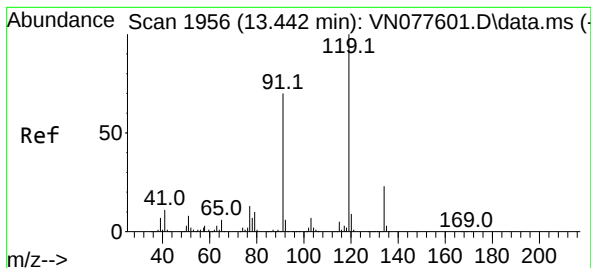
Tgt Ion: 75 Resp: 402181
Ion Ratio Lower Upper
75 100
53 84.0 46.9 140.7
89 46.2 21.0 63.0



#78
4-Chlorotoluene
Concen: 103.354 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 91 Resp: 2937830
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.6





#79

tert-butylbenzene

Concen: 100.306 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

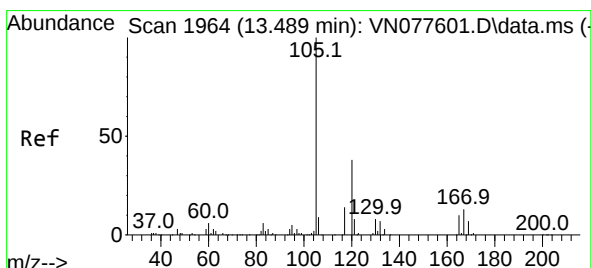
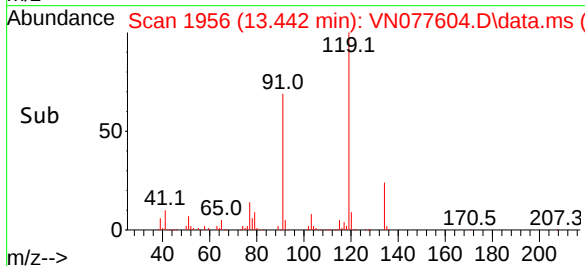
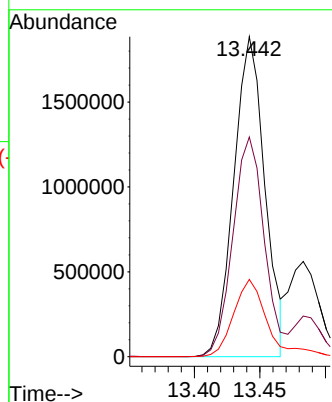
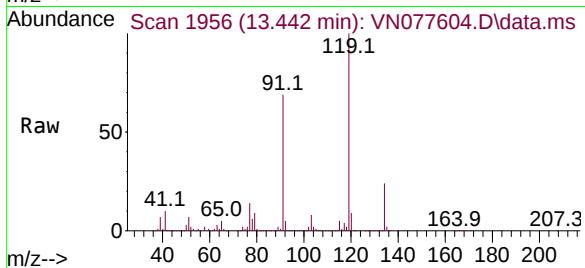
Tgt Ion:119 Resp: 3110592

Ion Ratio Lower Upper

119 100

91 70.0 0.0 141.6

134 24.3 0.0 46.6



#80

1,2,4-Trimethylbenzene

Concen: 114.446 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN077604.D

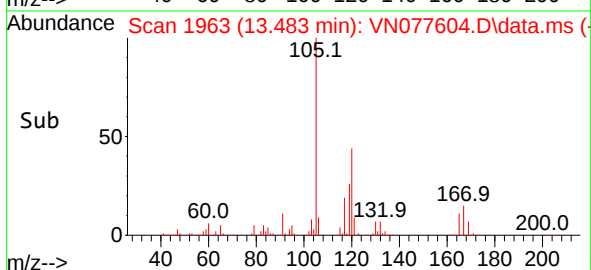
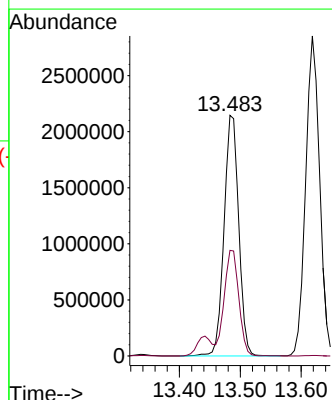
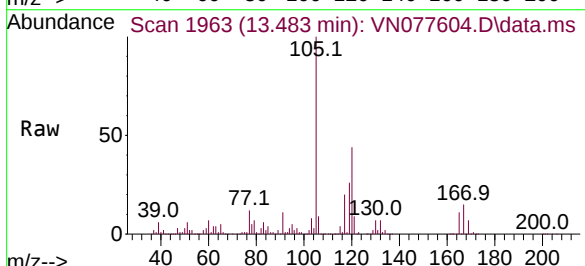
Acq: 05 May 2023 20:55

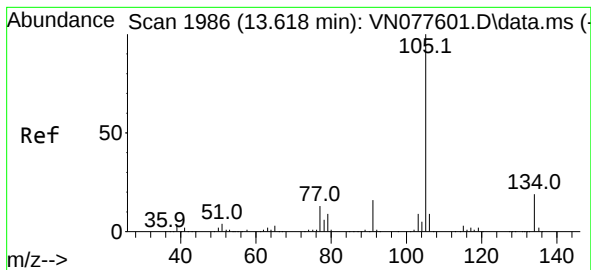
Tgt Ion:105 Resp: 3589342

Ion Ratio Lower Upper

105 100

120 43.3 0.0 88.0

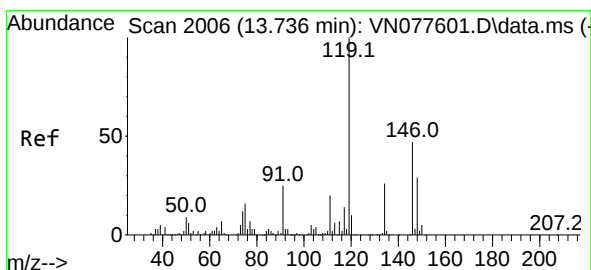
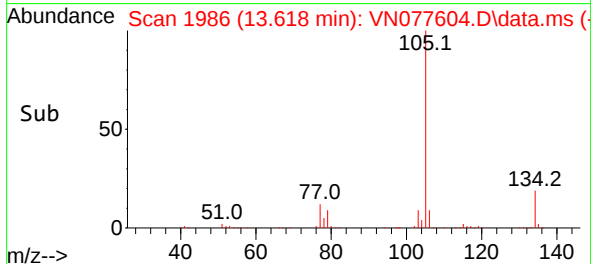
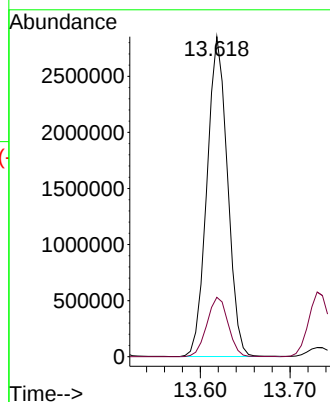
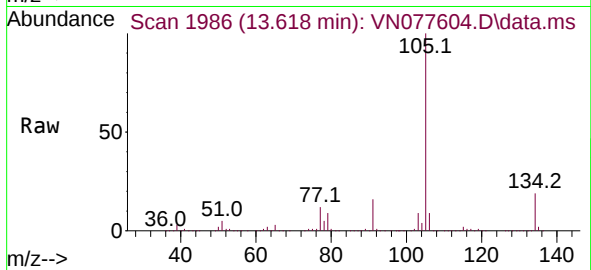




#81
 sec-Butylbenzene
 Concen: 105.251 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077604.D
 Acq: 05 May 2023 20:55

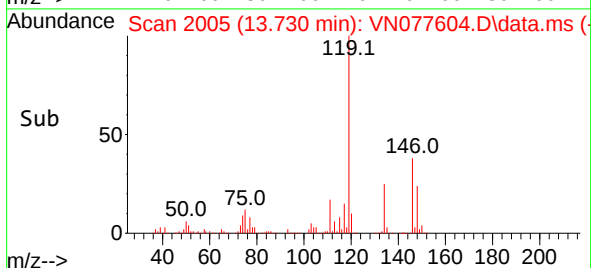
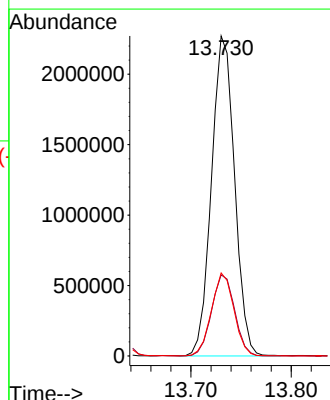
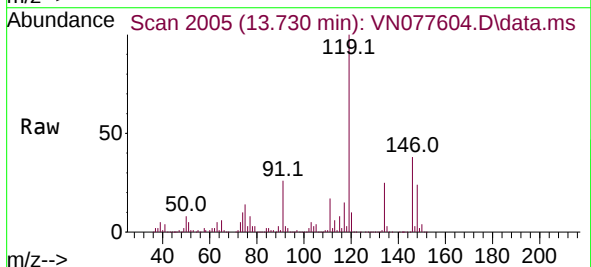
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

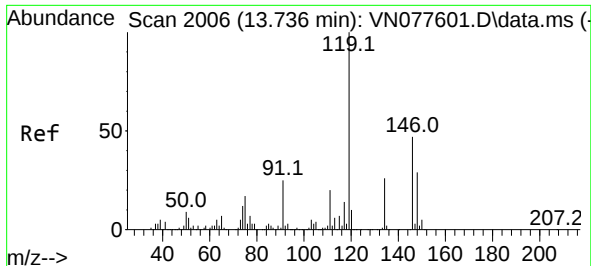
Tgt Ion:105 Resp: 4530800
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 109.680 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077604.D
 Acq: 05 May 2023 20:55

Tgt Ion:119 Resp: 3629342
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.2
 91 25.2 0.0 51.2

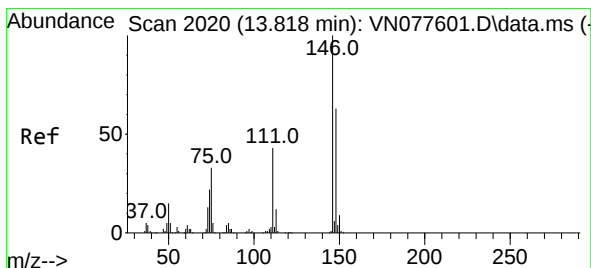
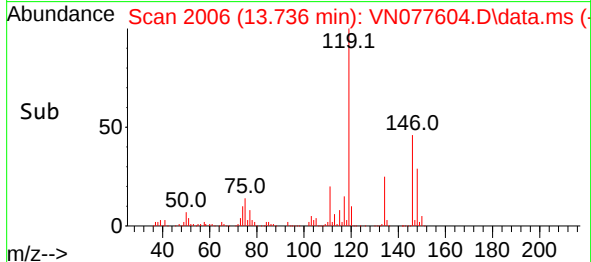
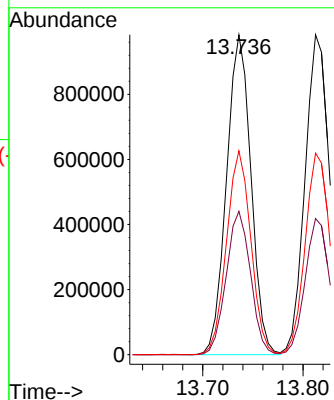
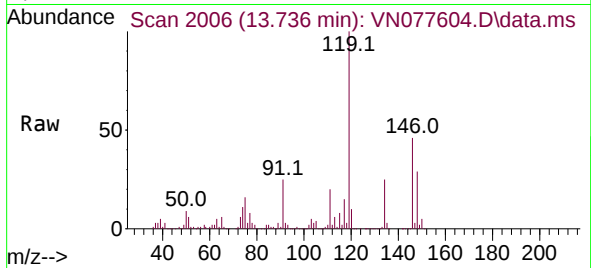




#83
1,3-Dichlorobenzene
Concen: 103.686 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

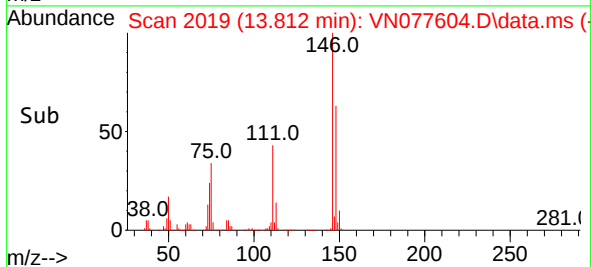
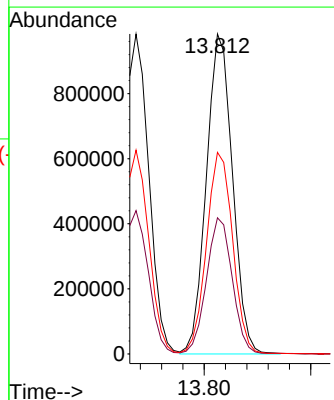
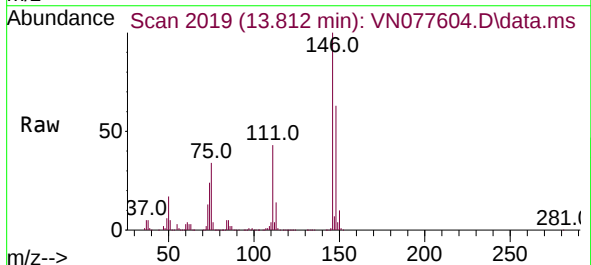
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

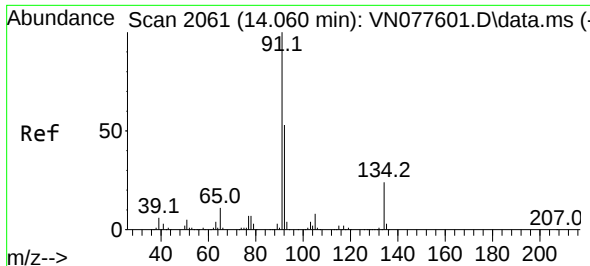
Tgt Ion:146 Resp: 1663924
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.1
148 63.6 32.5 97.4



#84
1,4-Dichlorobenzene
Concen: 106.217 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion:146 Resp: 1676817
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.4
148 63.3 31.1 93.5

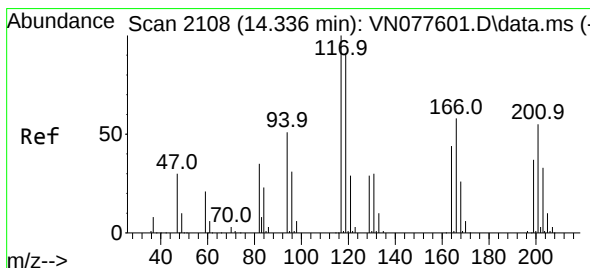
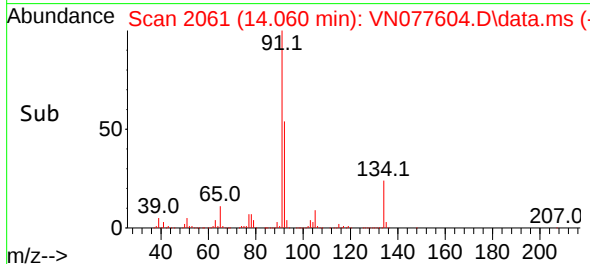
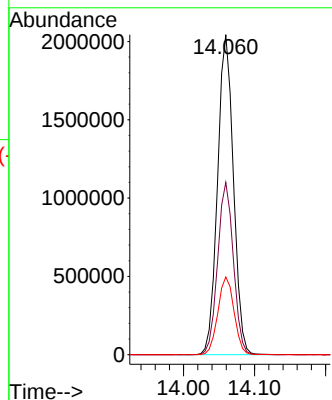
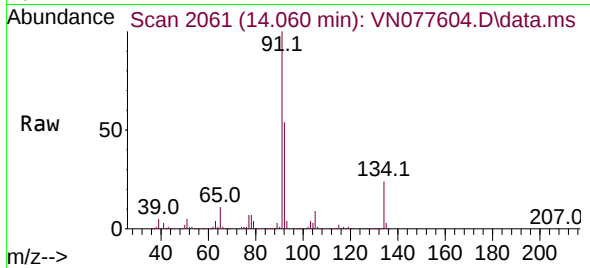




#85
n-Butylbenzene
Concen: 121.339 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

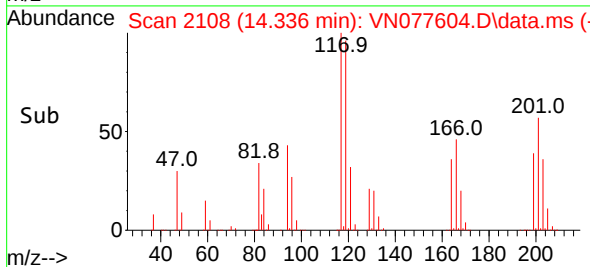
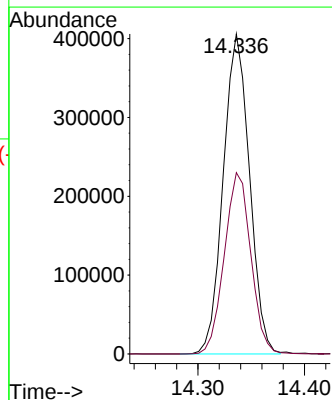
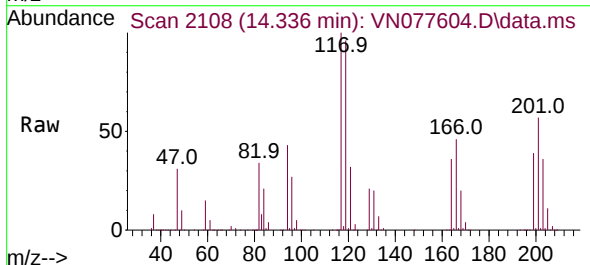
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

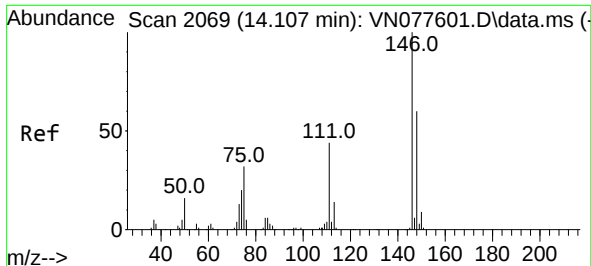
Tgt Ion: 91 Resp: 3155813
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.0
134 24.8 0.0 50.2



#86
Hexachloroethane
Concen: 107.432 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion: 117 Resp: 694901
Ion Ratio Lower Upper
117 100
201 57.2 28.1 84.4





#87

1,2-Dichlorobenzene

Concen: 102.999 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

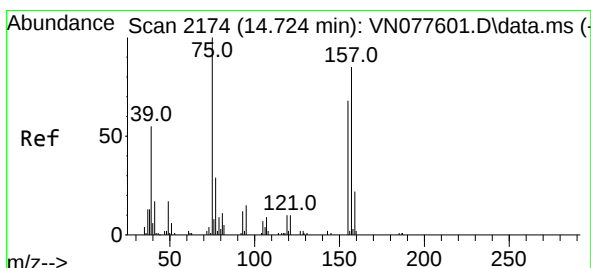
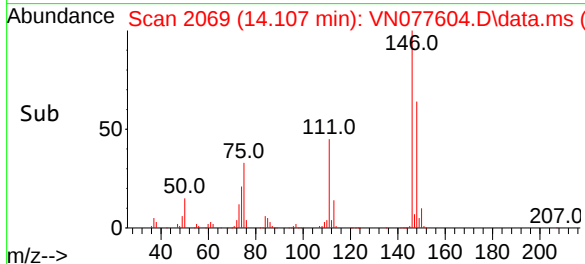
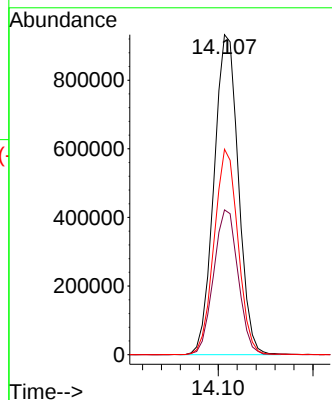
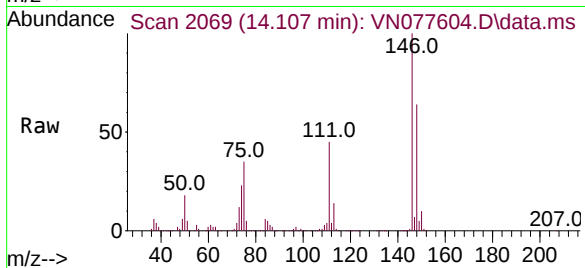
Tgt Ion:146 Resp: 1670021

Ion Ratio Lower Upper

146 100

111 45.3 22.7 68.0

148 63.0 31.0 93.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 100.515 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077604.D

Acq: 05 May 2023 20:55

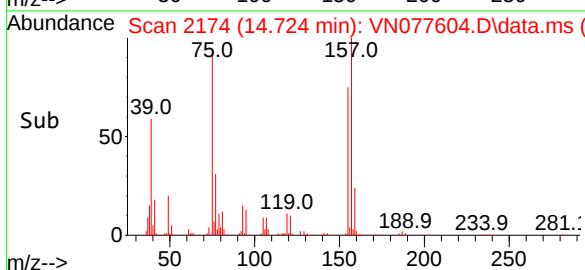
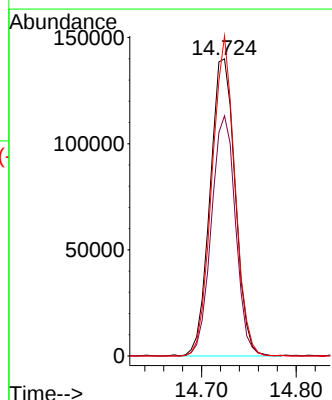
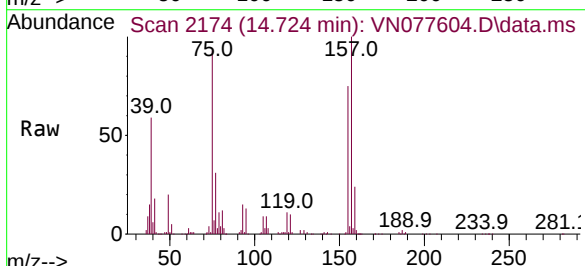
Tgt Ion: 75 Resp: 257880

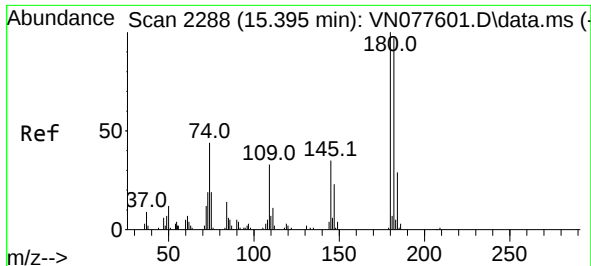
Ion Ratio Lower Upper

75 100

155 77.6 63.1 94.7

157 98.4 75.5 113.3

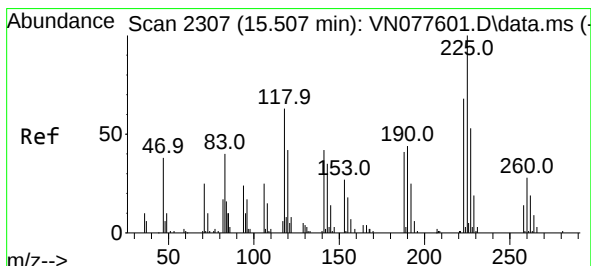
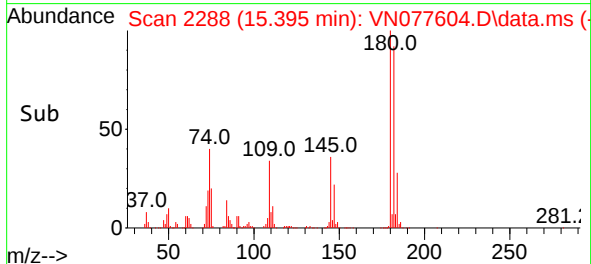
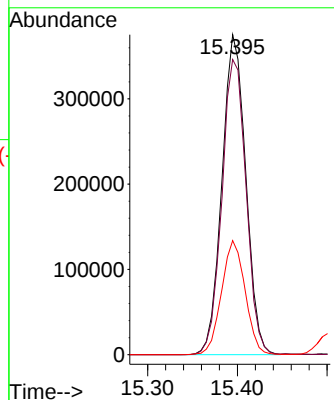
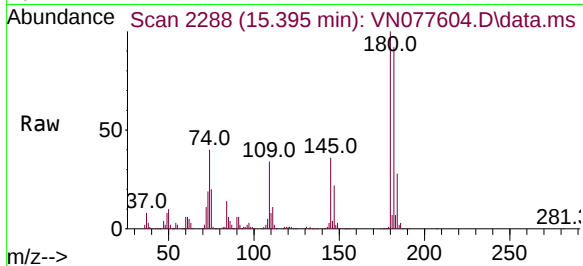




#89
1,2,4-Trichlorobenzene
Concen: 98.320 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

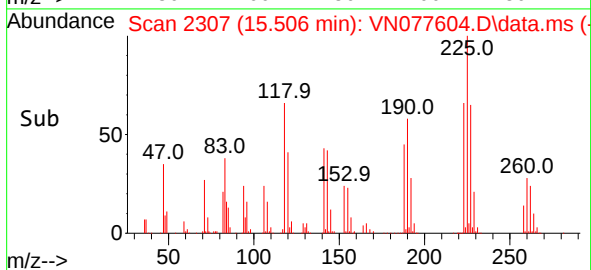
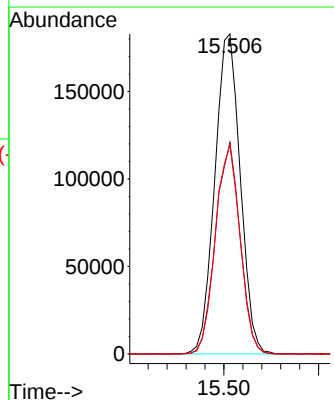
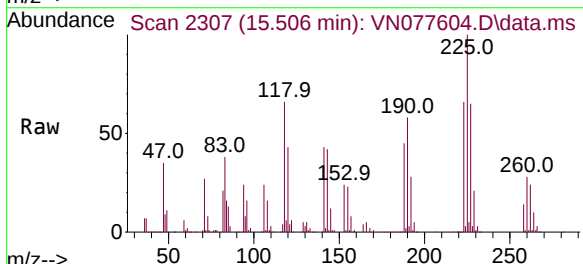
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

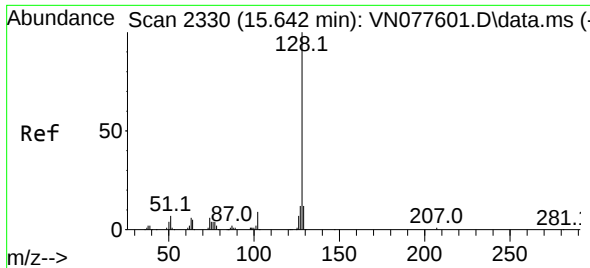
Tgt Ion:180 Resp: 691720
Ion Ratio Lower Upper
180 100
182 93.5 75.1 112.7
145 35.4 28.6 43.0



#90
Hexachlorobutadiene
Concen: 104.187 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. -0.001 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion:225 Resp: 341846
Ion Ratio Lower Upper
225 100
223 63.7 0.0 132.2
227 63.1 0.0 116.2

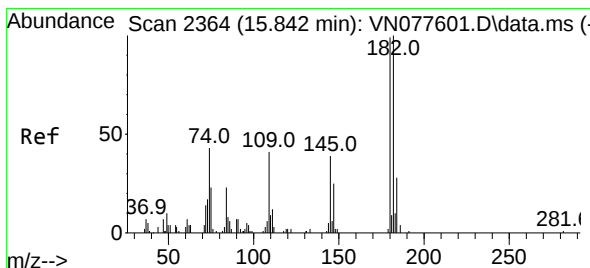
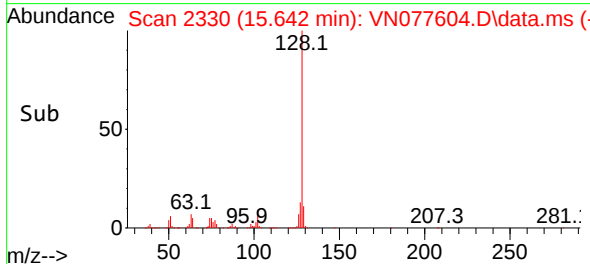
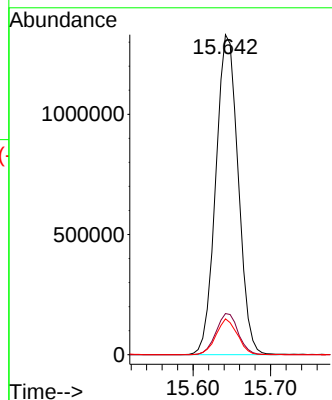
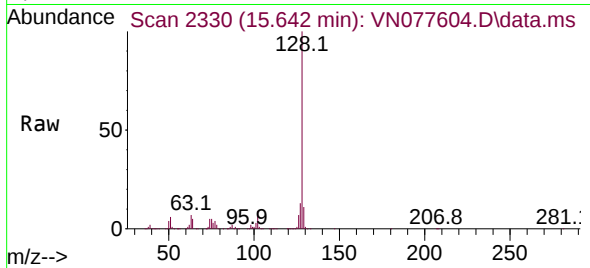




#91
Naphthalene
Concen: 98.424 ug/l
RT: 15.642 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 2670870
Ion Ratio Lower Upper
128 100
127 12.8 9.6 14.4
129 10.6 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 98.689 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077604.D
Acq: 05 May 2023 20:55

Tgt Ion:180 Resp: 652133
Ion Ratio Lower Upper
180 100
182 94.1 0.0 193.4
145 37.5 0.0 78.6

