

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035761.D
 Acq On : 19 May 2023 15:31
 Operator : JC/MD
 Sample : 02860-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 05:17:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

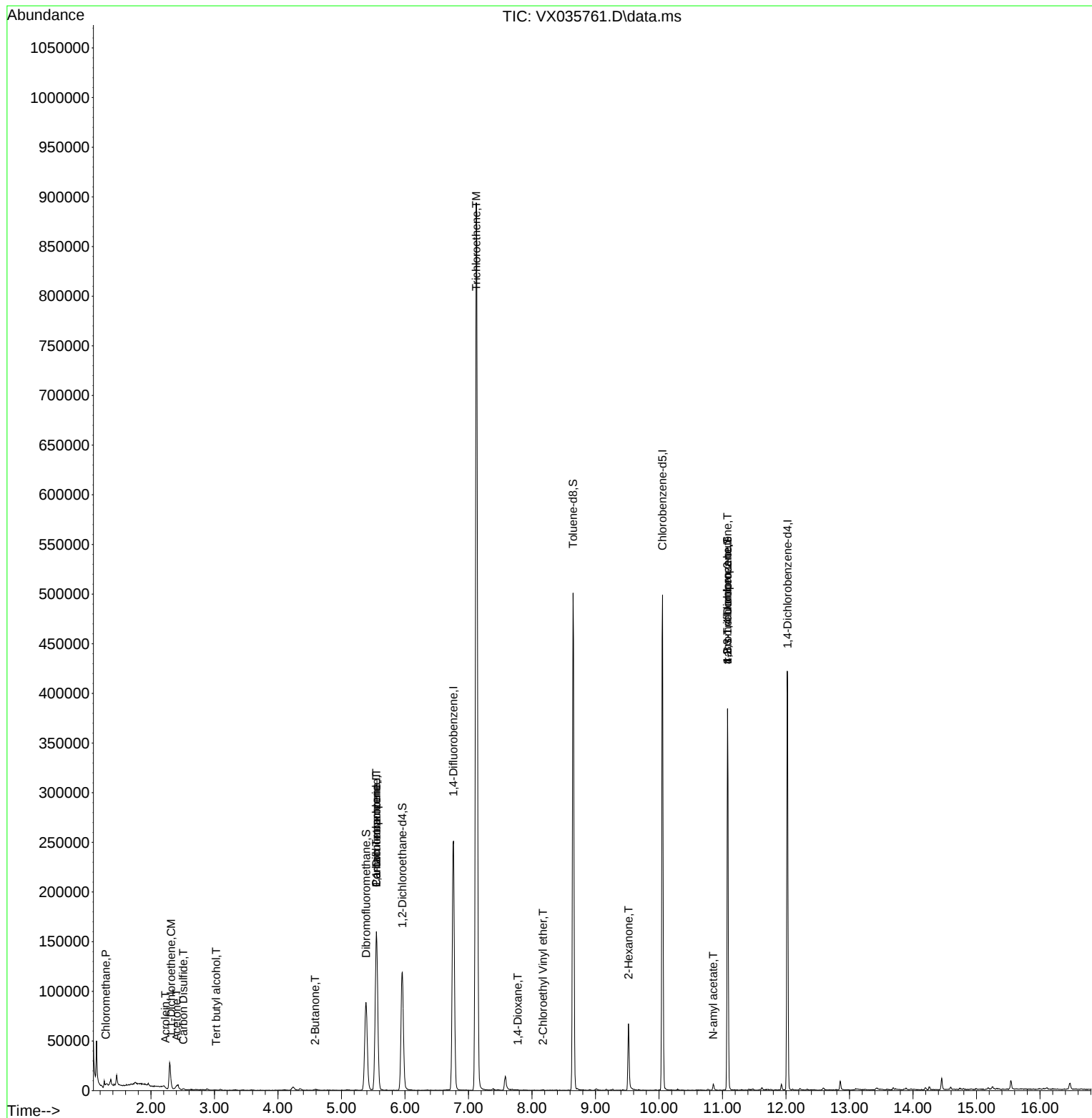
Internal Standards						
1) Pentafluorobenzene	5.550	168	133081	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	241147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123232	53.080	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.160%		
35) Dibromofluoromethane	5.385	113	75623	46.500	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.000%		
50) Toluene-d8	8.647	98	281904	46.922	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 93.840%		
62) 4-Bromofluorobenzene	11.079	95	101915	42.130	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 84.260%		
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	522	0.248	ug/l	# 81
11) Tert butyl alcohol	3.026	59	117	0.286	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	513	0.346	ug/l	# 70
13) Acrolein	2.227	56	154	0.317	ug/l	# 83
16) Acetone	2.404	43	6202	6.215	ug/l	96
17) Carbon Disulfide	2.508	76	1503	0.420	ug/l	# 75
25) 2-Butanone	4.587	43	1002	0.725	ug/l	91
36) 1,1-Dichloropropene	5.550	75	13292	5.178	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	15522	6.383	ug/l	# 15
44) Trichloroethene	7.123	130	324063	177.968	ug/l	95
49) 1,4-Dioxane	7.775	88	146	4.856	ug/l	# 47
58) 2-Chloroethyl Vinyl ether	8.171	63	630	0.430	ug/l	# 47
59) 2-Hexanone	9.519	43	9918	4.896	ug/l	# 48
74) N-amyl acetate	10.854	43	1098	0.350	ug/l	# 8
76) 1,2,3-Trichloropropane	11.079	75	57016	29.215	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	57016	94.155	ug/l	# 8

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

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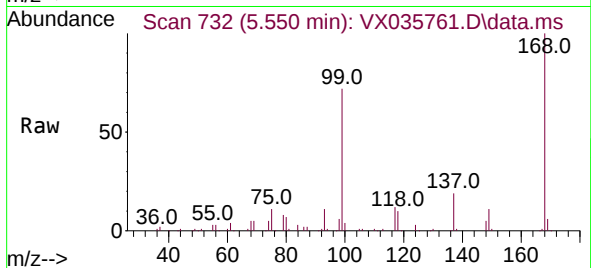
Quant Time: May 22 05:17:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



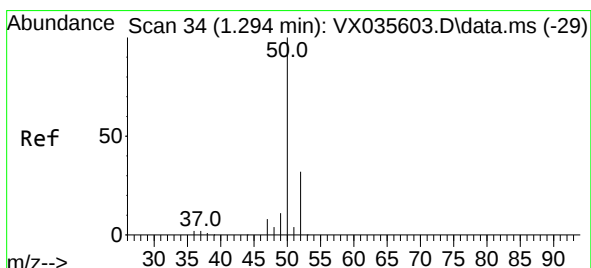
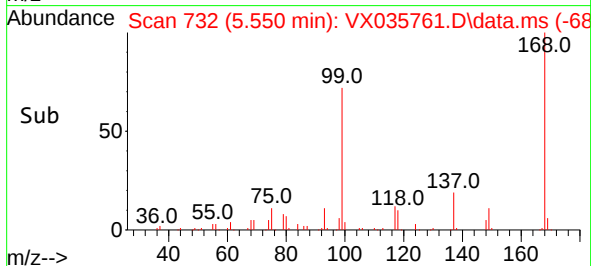
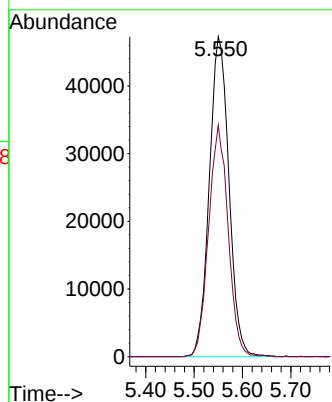


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

Instrument :
MSVOA_X
ClientSampleId :

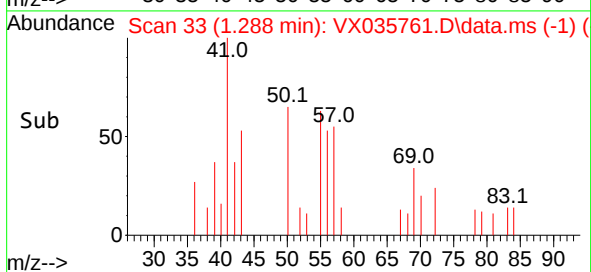
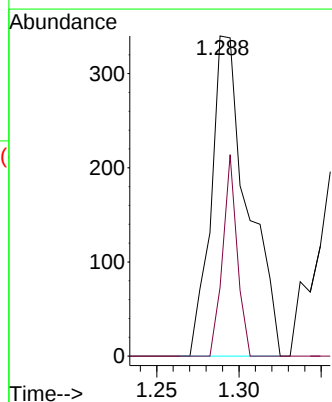
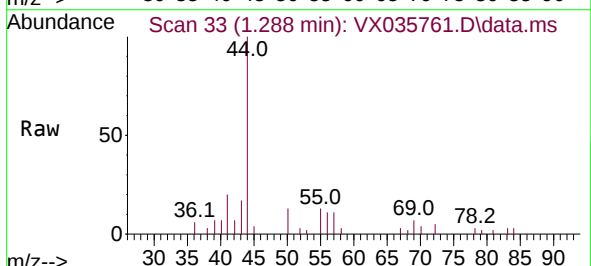


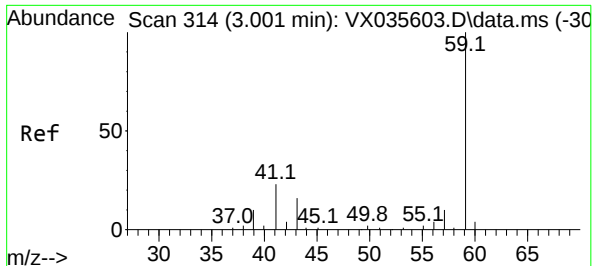
Tgt Ion:168 Resp: 133081
Ion Ratio Lower Upper
168 100
99 72.3 45.7 68.5#



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

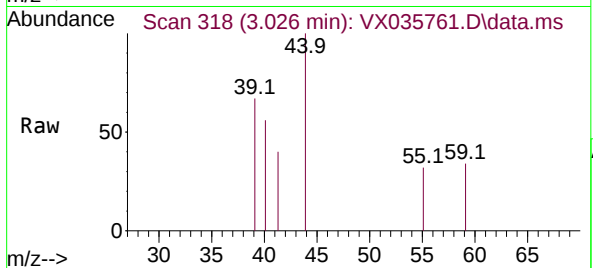
Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 21.5 25.9 38.9#



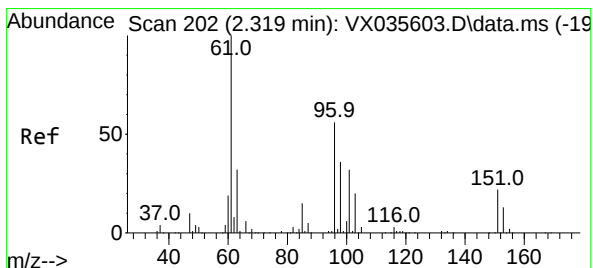
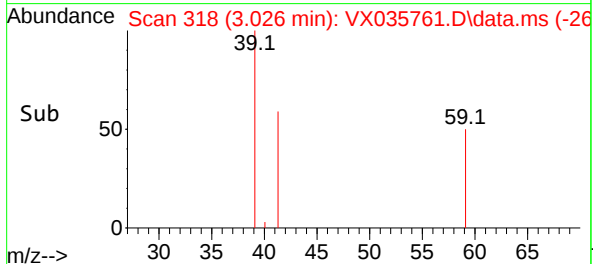
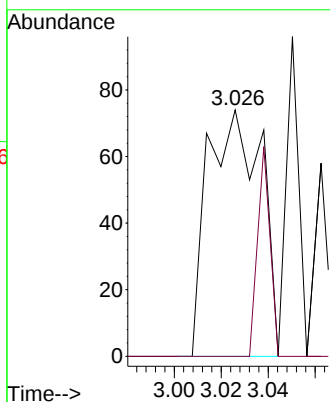


#11
Tert butyl alcohol
Concen: 0.286 ug/l
RT: 3.026 min Scan# 314
Delta R.T. 0.025 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

Instrument :
MSVOA_X
ClientSampleId :

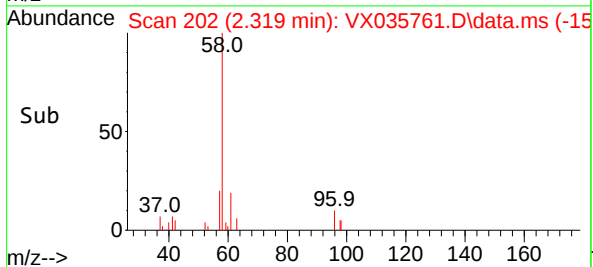
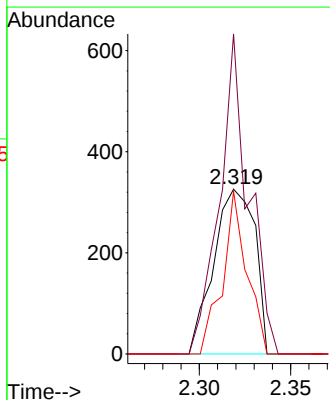
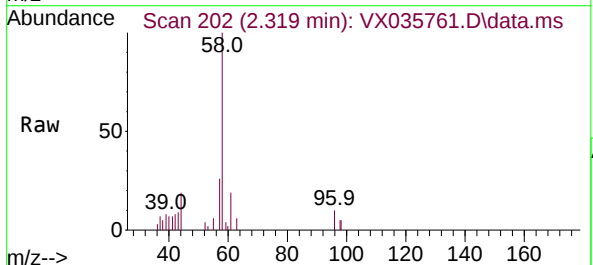


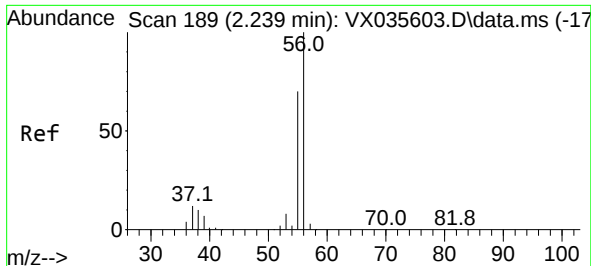
Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 0.346 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

Tgt Ion: 96 Resp: 513
Ion Ratio Lower Upper
96 100
61 194.2 128.8 193.2#
98 98.8 51.4 77.0#

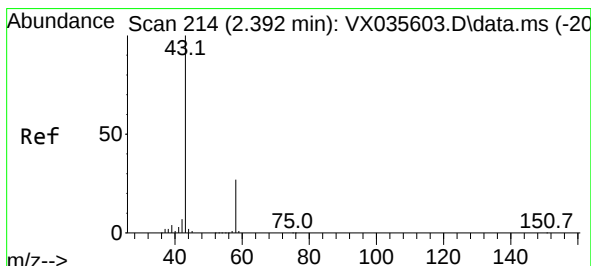
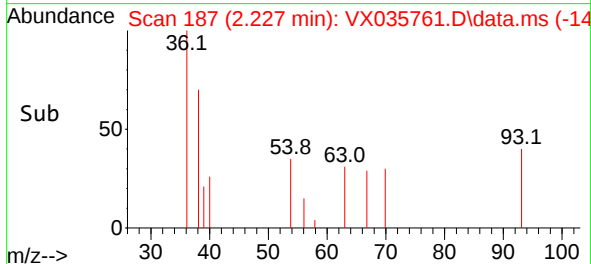
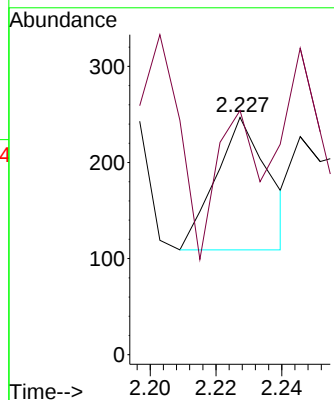
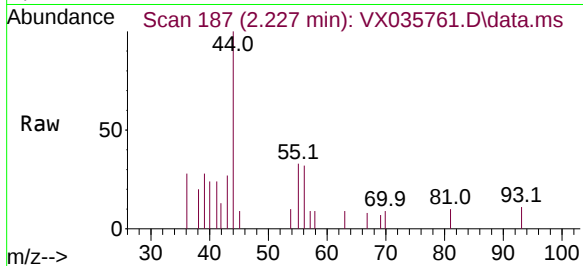




#13
Acrolein
Concen: 0.317 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

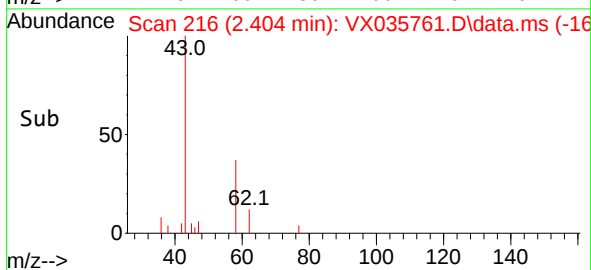
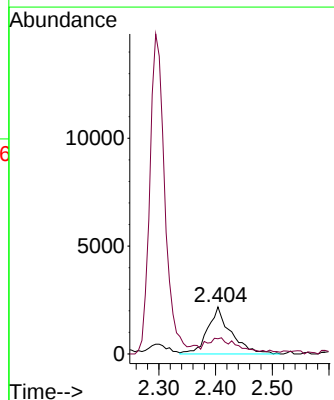
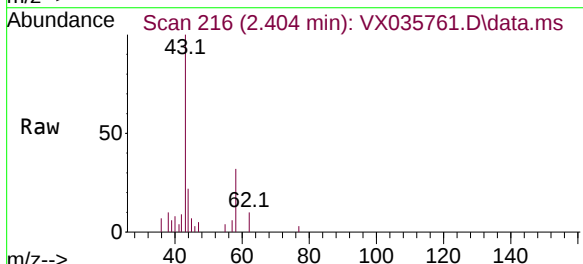
Instrument :
MSVOA_X
ClientSampleId :

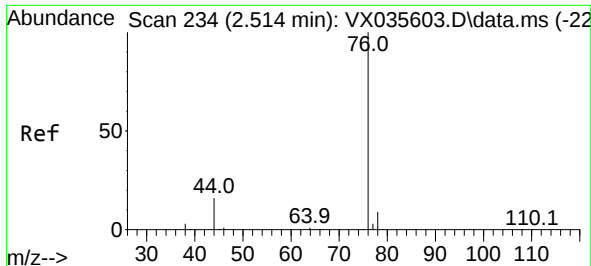
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 85.1 56.6 85.0#



#16
Acetone
Concen: 6.215 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

Tgt Ion: 43 Resp: 6202
Ion Ratio Lower Upper
43 100
58 28.6 24.7 37.1

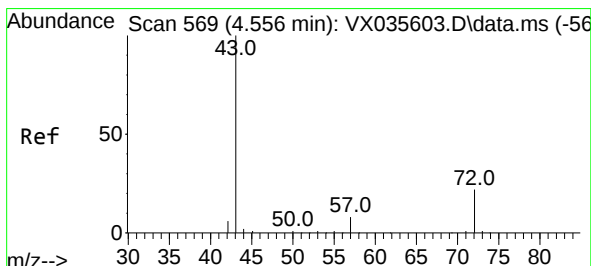
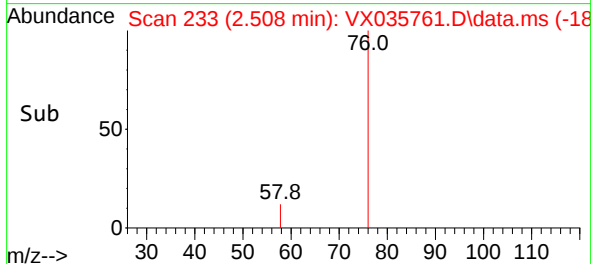
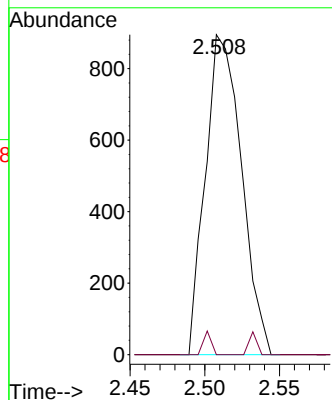
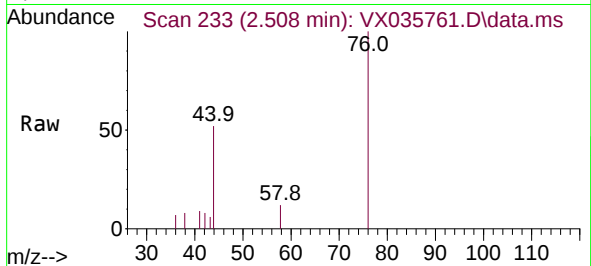




#17
Carbon Disulfide
Concen: 0.420 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

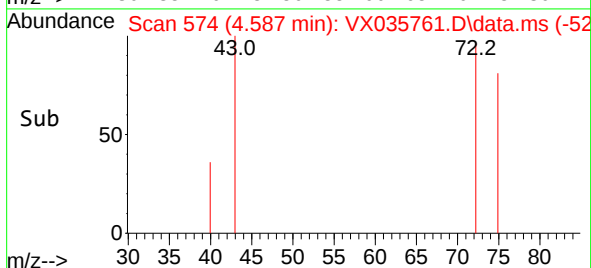
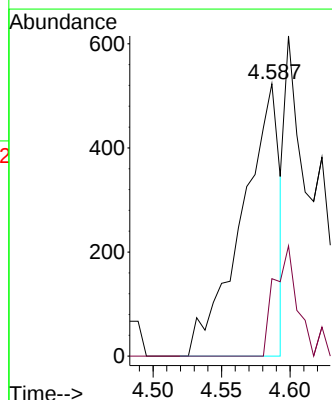
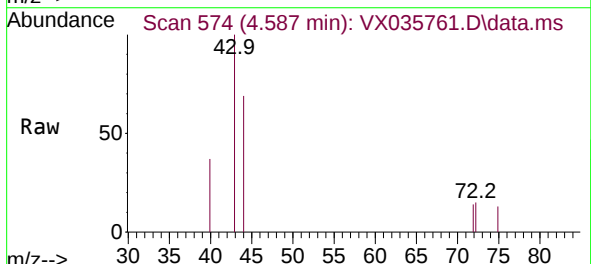
Instrument :
MSVOA_X
ClientSampleId :

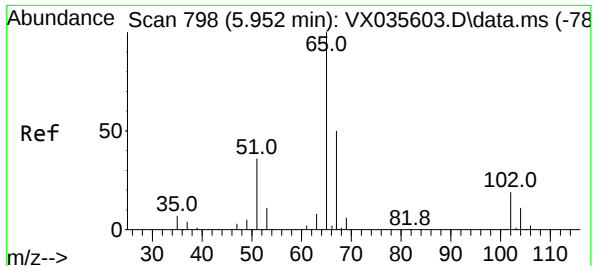
Tgt Ion: 76 Resp: 1503
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.725 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
72 28.5 19.3 28.9





#33

1,2-Dichloroethane-d4

Concen: 53.080 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035761.D

Acq: 19 May 2023 15:31

Instrument :

MSVOA_X

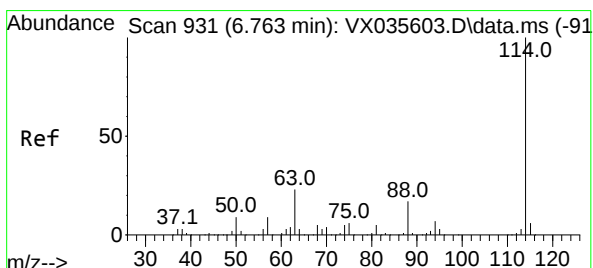
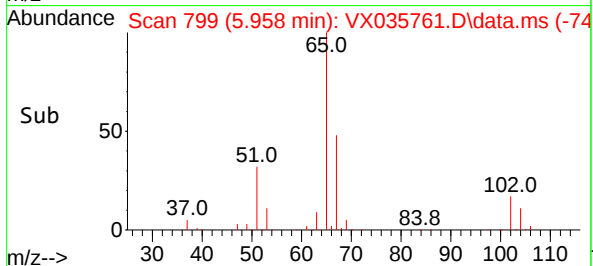
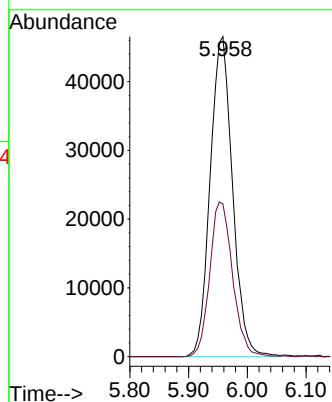
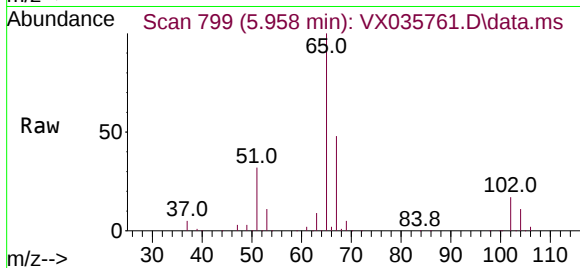
ClientSampleId :

Tgt Ion: 65 Resp: 123232

Ion Ratio Lower Upper

65 100

67 49.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035761.D

Acq: 19 May 2023 15:31

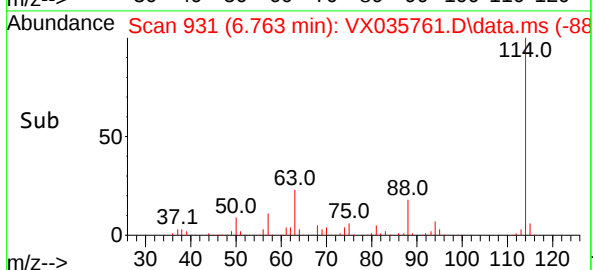
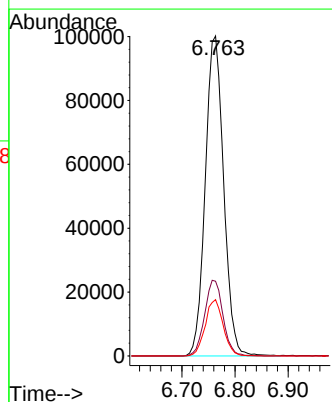
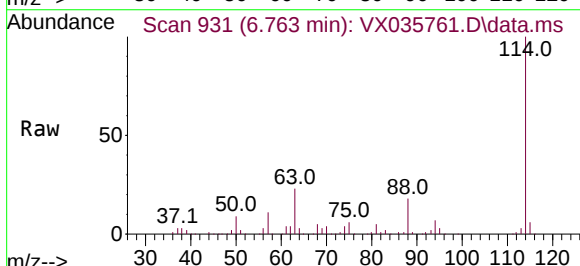
Tgt Ion: 114 Resp: 241147

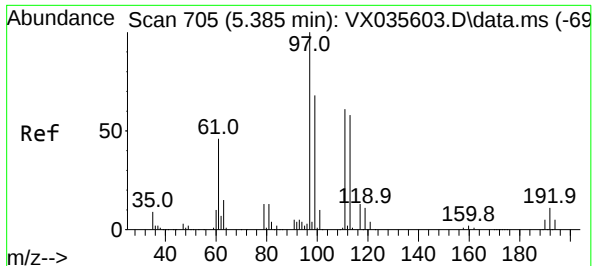
Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.2

88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.500 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

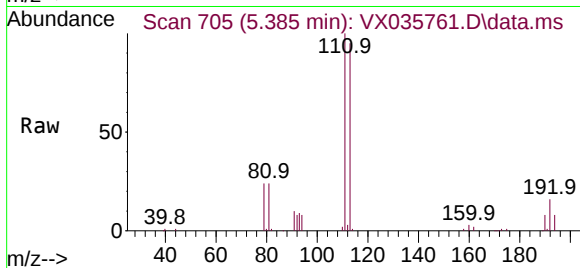
Lab File: VX035761.D

Acq: 19 May 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :



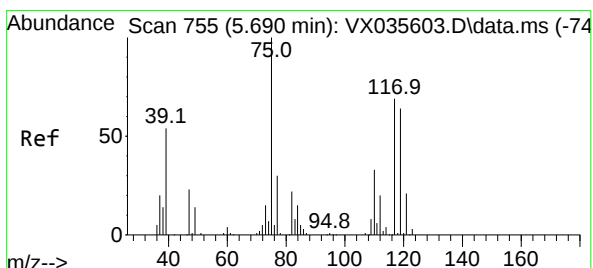
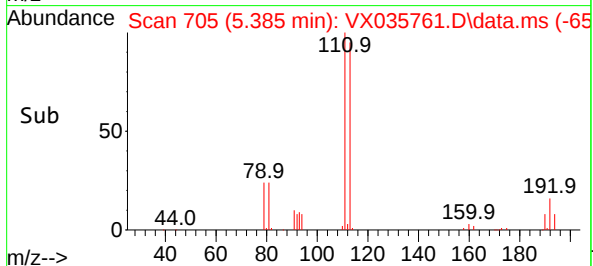
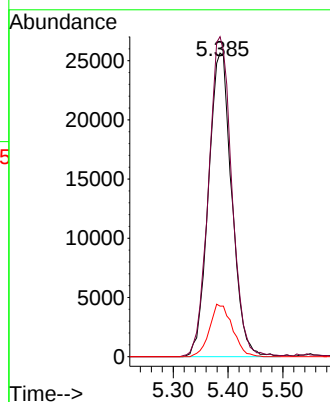
Tgt Ion:113 Resp: 75623

Ion Ratio Lower Upper

113 100

111 105.5 83.7 125.5

192 16.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.178 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035761.D

Acq: 19 May 2023 15:31

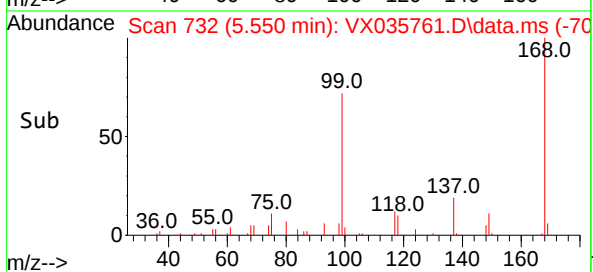
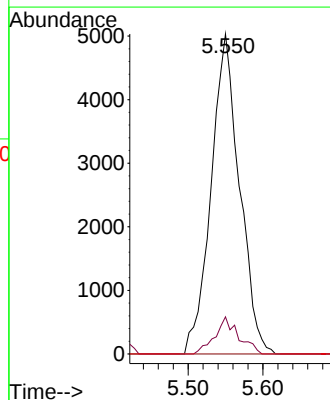
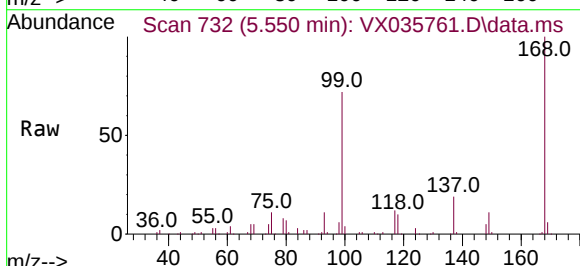
Tgt Ion: 75 Resp: 13292

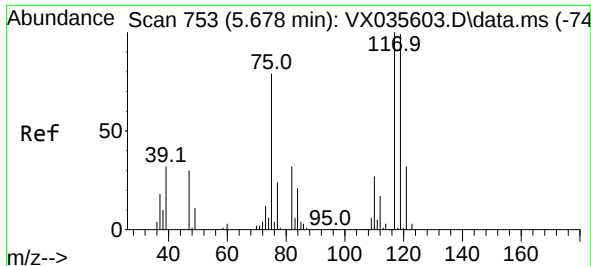
Ion Ratio Lower Upper

75 100

110 9.6 17.5 52.5#

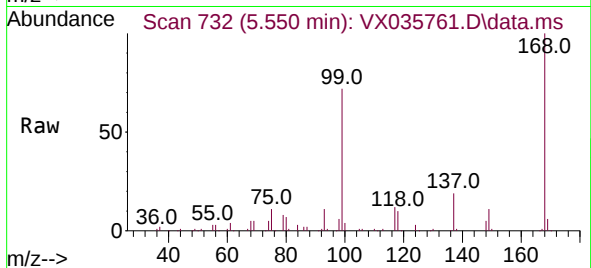
77 0.0 24.3 36.5#



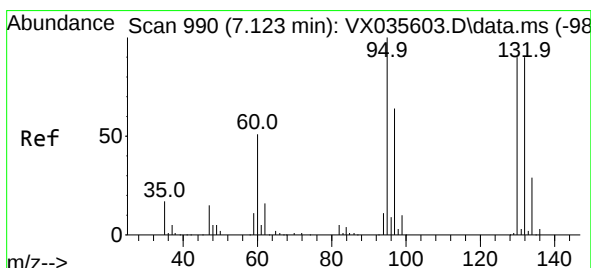
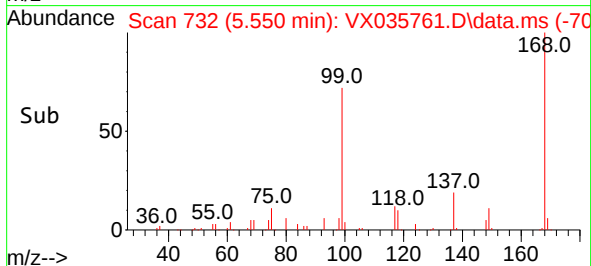
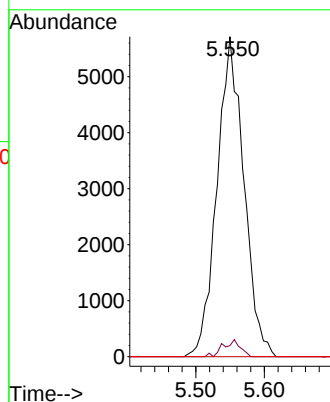


#38
Carbon Tetrachloride
Concen: 6.383 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

Instrument :
MSVOA_X
ClientSampleId :

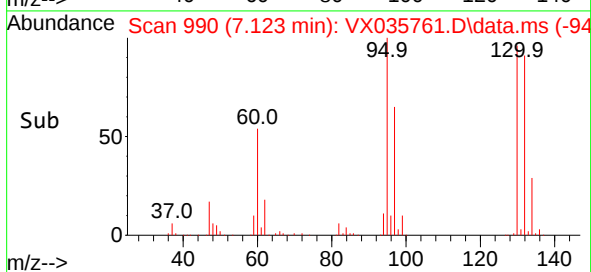
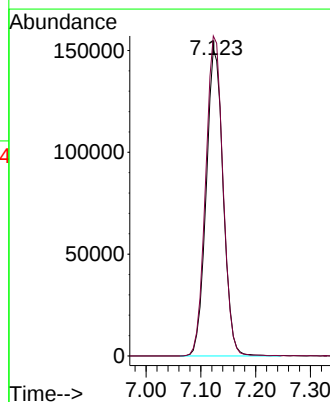
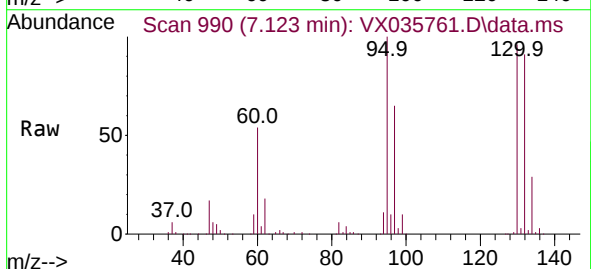


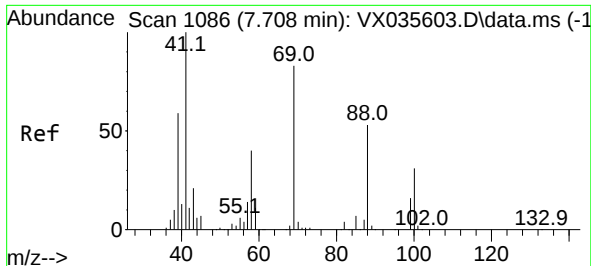
Tgt Ion:117 Resp: 15522
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 177.968 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

Tgt Ion:130 Resp: 324063
Ion Ratio Lower Upper
130 100
95 104.3 0.0 198.4





#49

1,4-Dioxane

Concen: 4.856 ug/l

RT: 7.775 min Scan# 1086

Delta R.T. 0.067 min

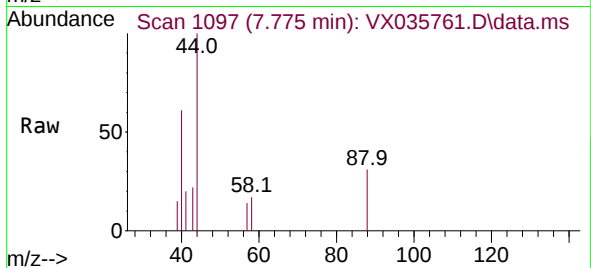
Lab File: VX035761.D

Acq: 19 May 2023 15:31

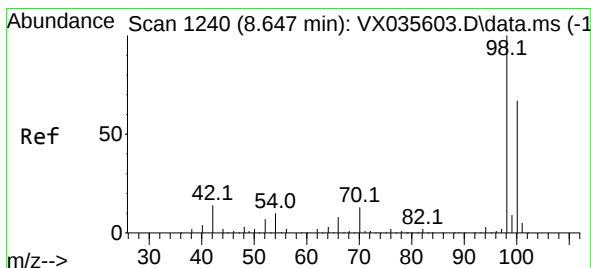
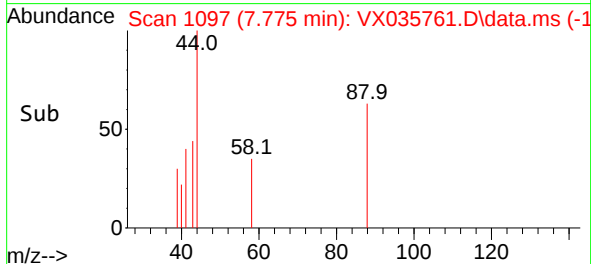
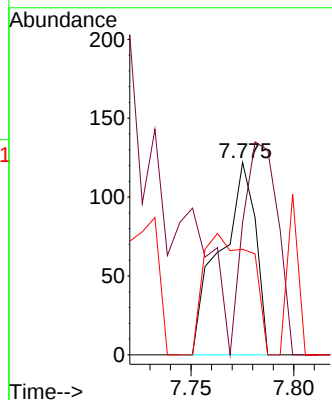
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	88	Resp:	146
Ion	Ratio	Lower	Upper
88	100		
43	107.5	27.7	41.5#
58	85.6	56.8	85.2#



#50

Toluene-d8

Concen: 46.922 ug/l

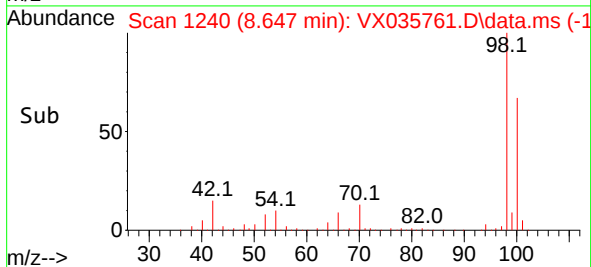
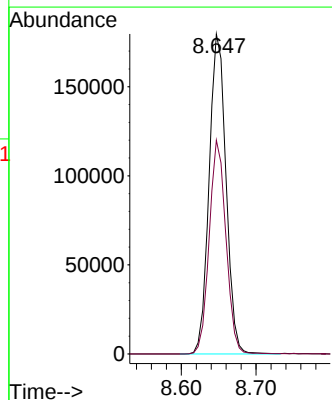
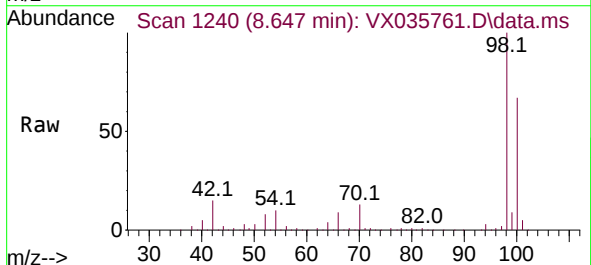
RT: 8.647 min Scan# 1240

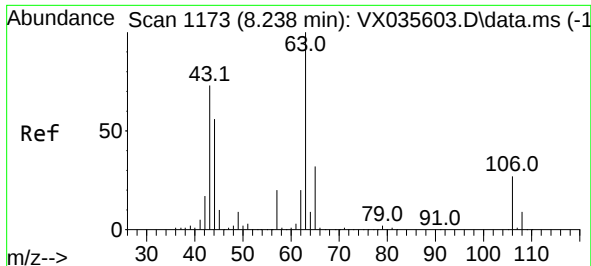
Delta R.T. -0.000 min

Lab File: VX035761.D

Acq: 19 May 2023 15:31

Tgt Ion:	98	Resp:	281904
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7

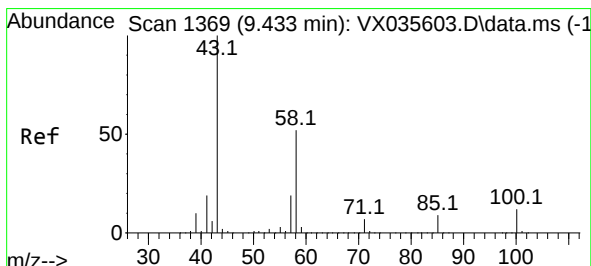
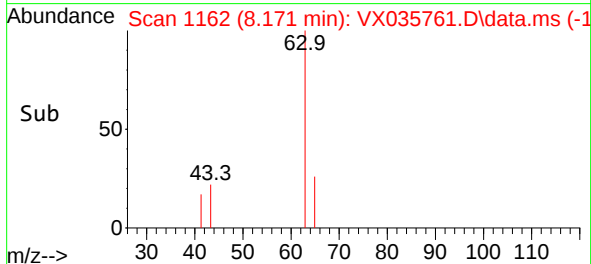
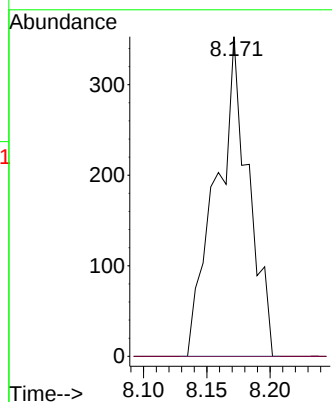
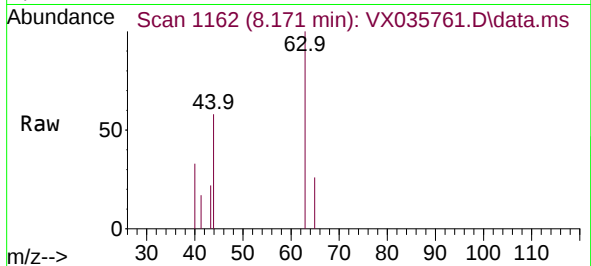




#58
2-Chloroethyl Vinyl ether
Concen: 0.430 ug/l
RT: 8.171 min Scan# 1173
Delta R.T. -0.067 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

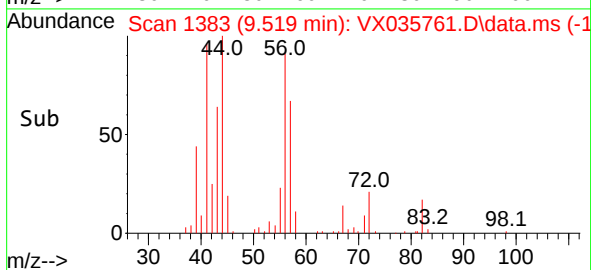
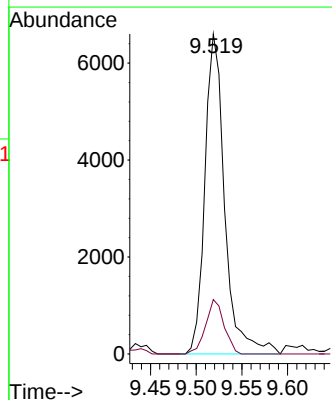
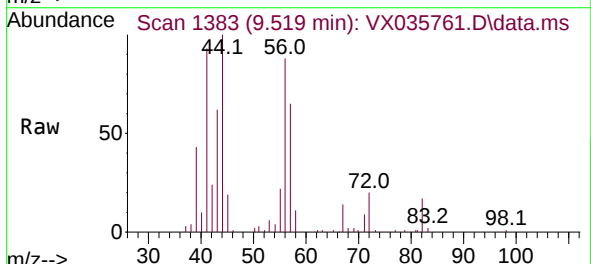
Instrument :
MSVOA_X
ClientSampleId :

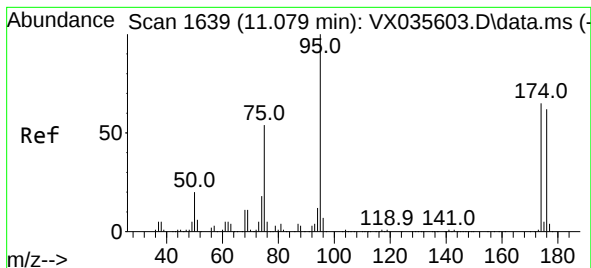
Tgt Ion: 63 Resp: 630
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 4.896 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.086 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

Tgt Ion: 43 Resp: 9918
Ion Ratio Lower Upper
43 100
58 15.8 26.3 78.9#

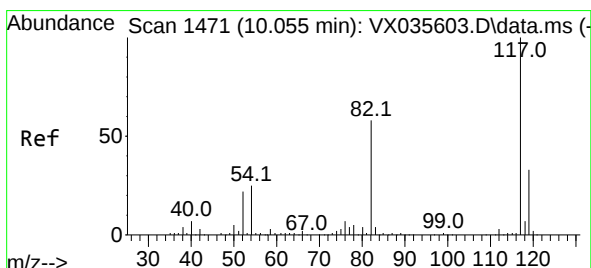
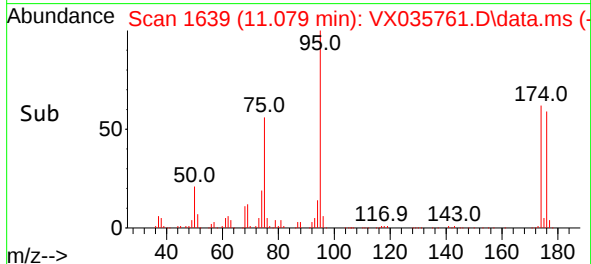
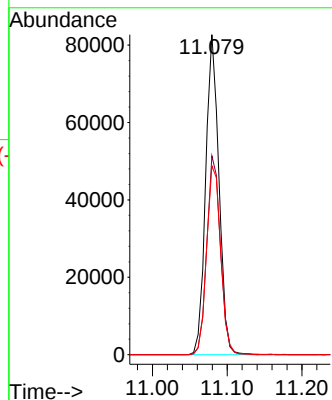
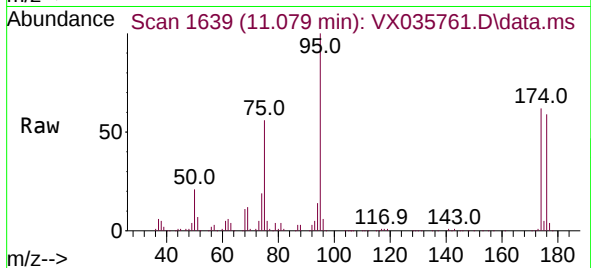




#62
4-Bromofluorobenzene
Concen: 42.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

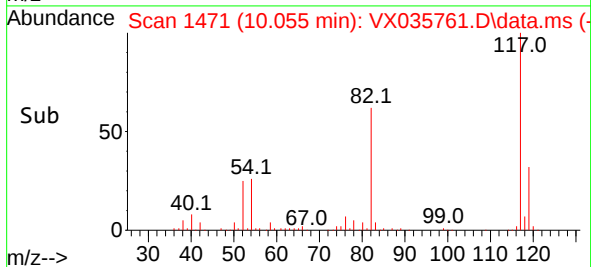
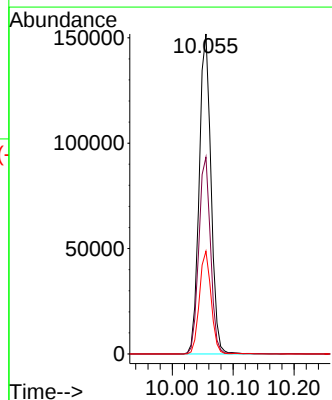
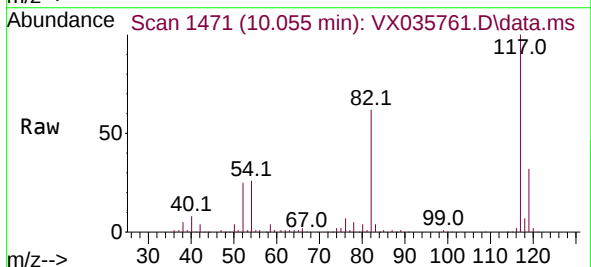
Instrument :
MSVOA_X
ClientSampleId :

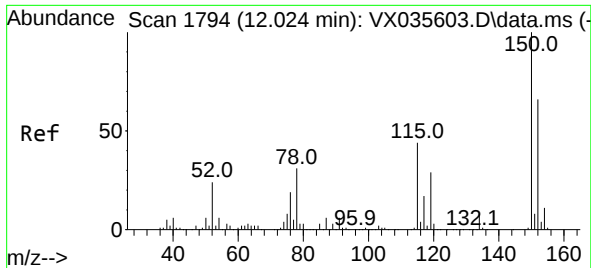
Tgt Ion: 95 Resp: 101915
Ion Ratio Lower Upper
95 100
174 63.6 0.0 147.4
176 62.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035761.D
Acq: 19 May 2023 15:31

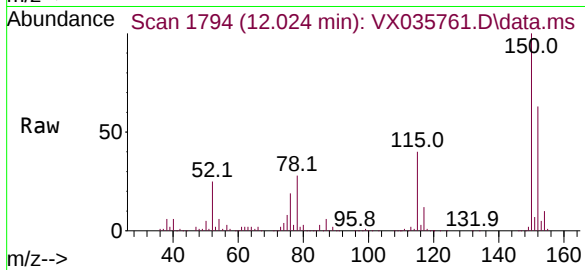
Tgt Ion: 117 Resp: 204028
Ion Ratio Lower Upper
117 100
82 61.5 45.0 67.4
119 32.1 26.0 39.0



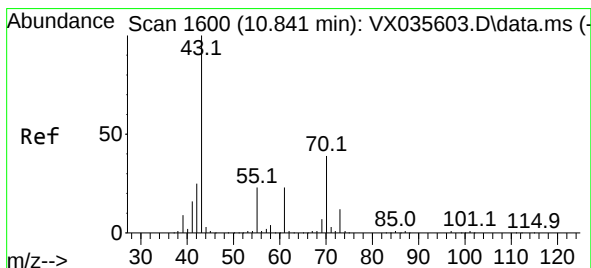
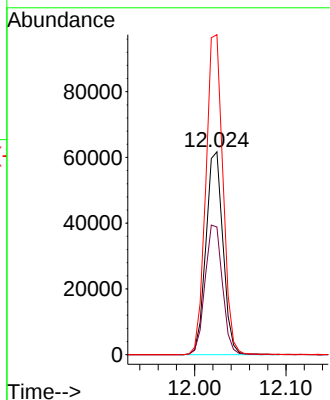
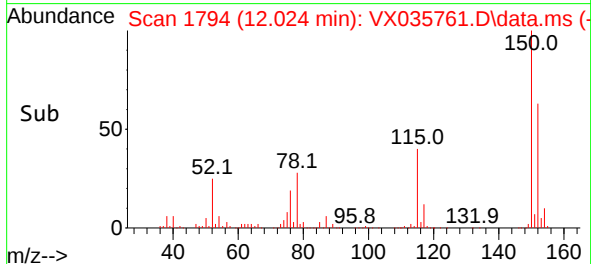


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035761.D
 Acq: 19 May 2023 15:31

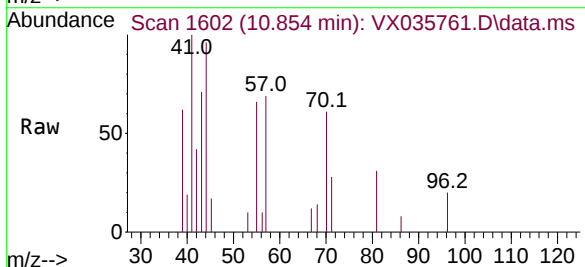
Instrument :
 MSVOA_X
 ClientSampleId :



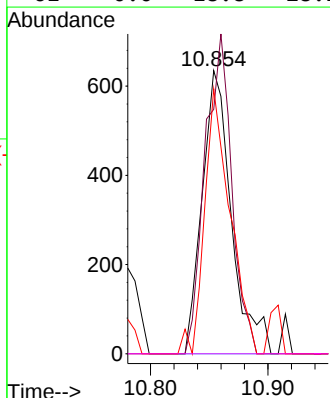
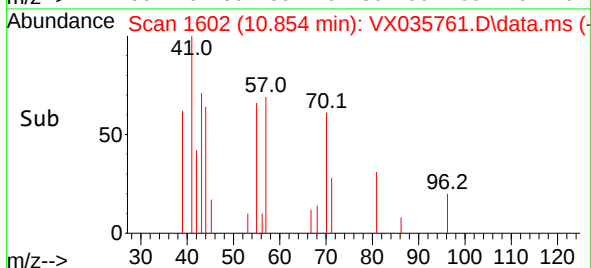
Tgt Ion:152 Resp: 79787
 Ion Ratio Lower Upper
 152 100
 115 65.1 45.0 135.0
 150 158.1 0.0 352.4

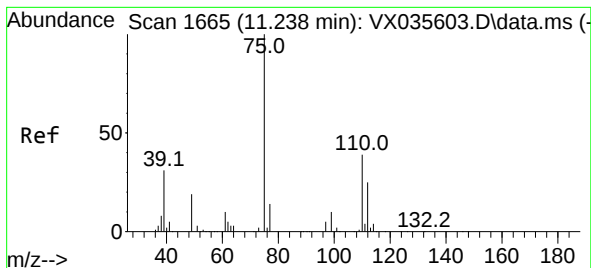


#74
 N-ethyl acetate
 Concen: 0.350 ug/l
 RT: 10.854 min Scan# 1602
 Delta R.T. 0.013 min
 Lab File: VX035761.D
 Acq: 19 May 2023 15:31



Tgt Ion: 43 Resp: 1098
 Ion Ratio Lower Upper
 43 100
 70 103.0 32.1 48.1#
 55 81.8 18.3 27.5#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 29.215 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035761.D

Acq: 19 May 2023 15:31

Instrument :

MSVOA_X

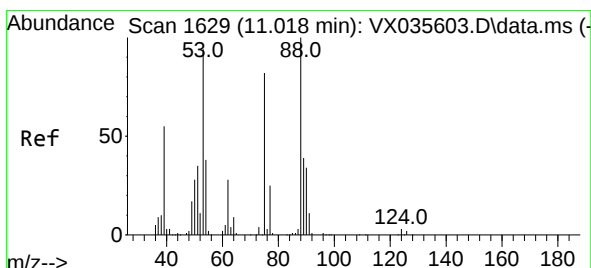
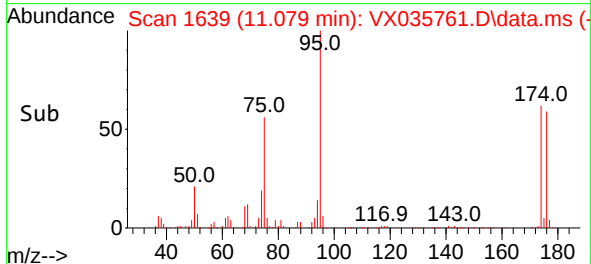
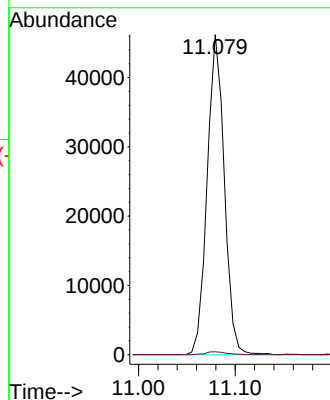
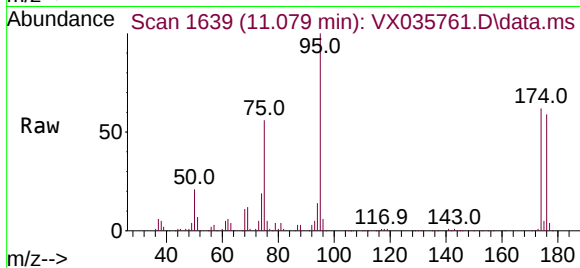
ClientSampleId :

Tgt Ion: 75 Resp: 57016

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.155 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035761.D

Acq: 19 May 2023 15:31

Tgt Ion: 75 Resp: 57016

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

