

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035853.D
 Acq On : 25 May 2023 14:08
 Operator : JC/MD
 Sample : VX0525MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBL01

Quant Time: May 26 07:23:37 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)

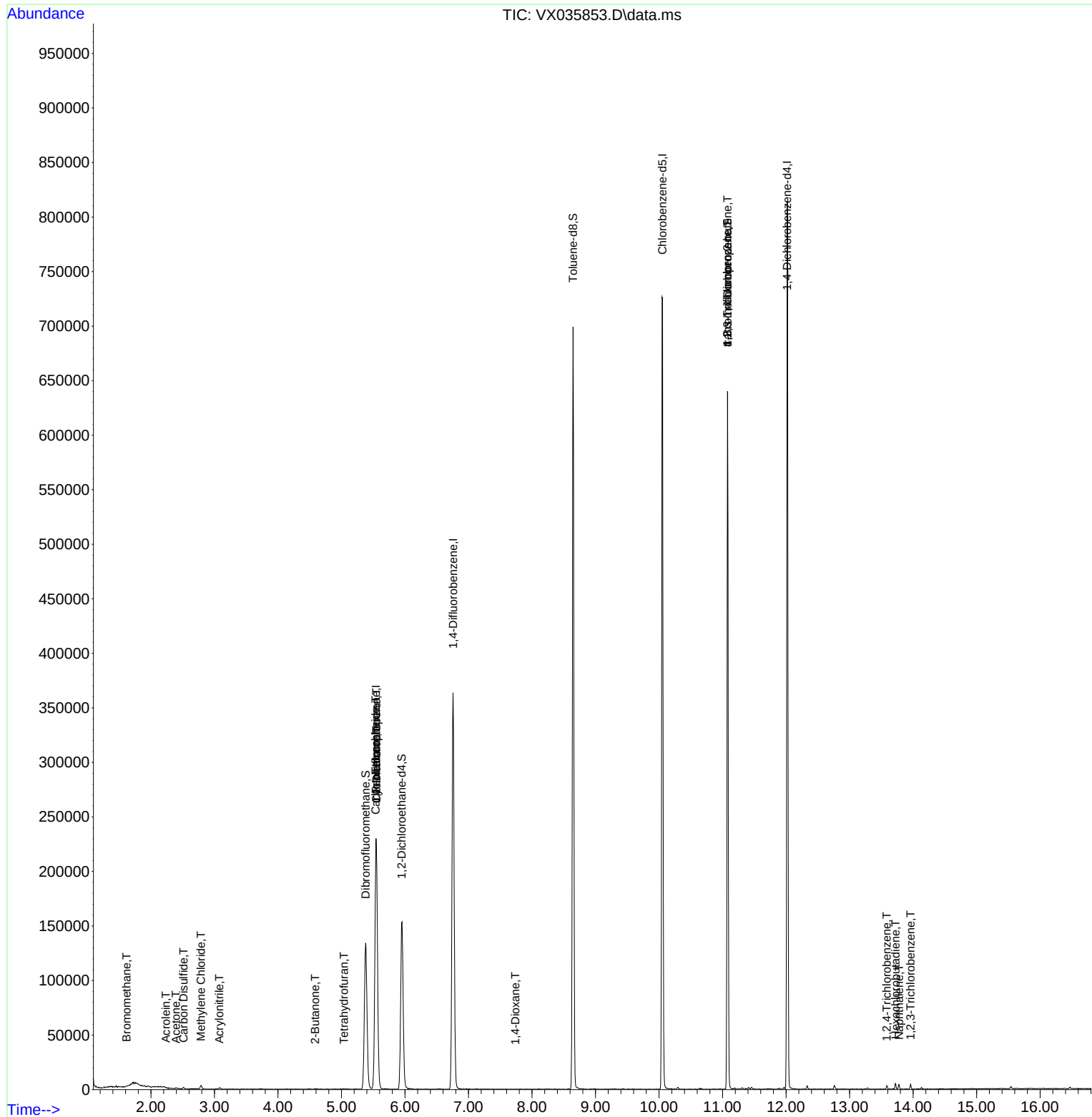
Internal Standards						
1) Pentafluorobenzene	5.544	168	209643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	358719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	161108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	147800	40.412	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.820%
35) Dibromofluoromethane	5.379	113	114694	47.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.820%
50) Toluene-d8	8.647	98	394884	44.185	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.360%#
62) 4-Bromofluorobenzene	11.079	95	161500	44.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	309	0.203	ug/l #	76
13) Acrolein	2.233	56	252	0.329	ug/l #	63
15) Acrylonitrile	3.075	53	578	0.407	ug/l #	89
16) Acetone	2.392	43	1053	0.670	ug/l #	75
17) Carbon Disulfide	2.514	76	1469	0.261	ug/l	98
20) Methylene Chloride	2.788	84	1383	0.485	ug/l	87
25) 2-Butanone	4.586	43	511	0.235	ug/l #	51
29) Tetrahydrofuran	5.038	42	369	0.270	ug/l #	39
31) Cyclohexane	5.550	56	5554	1.202	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	17891	4.685	ug/l #	50
38) Carbon Tetrachloride	5.538	117	23034	6.368	ug/l #	15
49) 1,4-Dioxane	7.738	88	75	2.987	ug/l #	23
76) 1,2,3-Trichloropropane	11.079	75	87742	22.265	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	87742	71.758	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.585	180	1055	0.306	ug/l	96
94) Hexachlorobutadiene	13.725	225	665	0.485	ug/l	92
95) Naphthalene	13.780	128	3272	0.277	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	927	0.273	ug/l	85

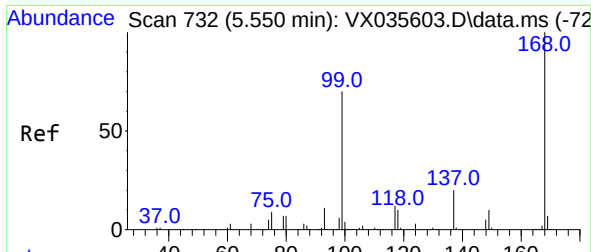
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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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

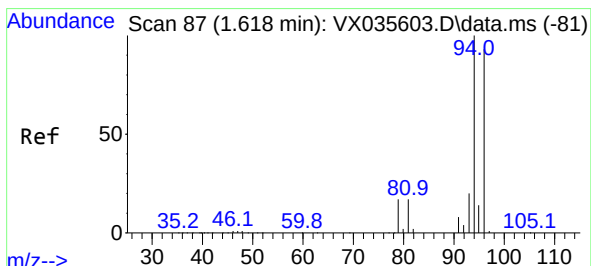
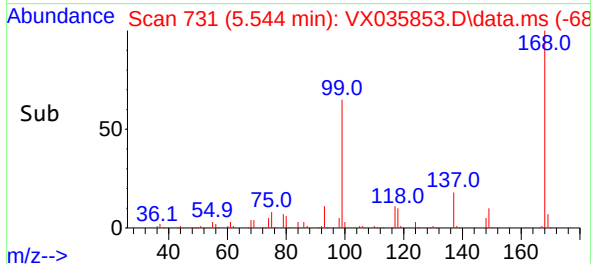
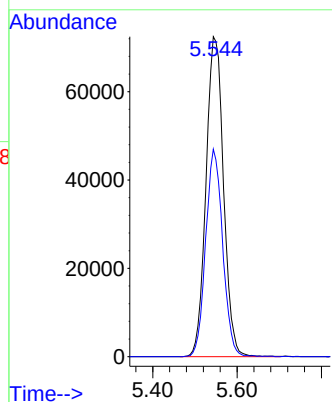
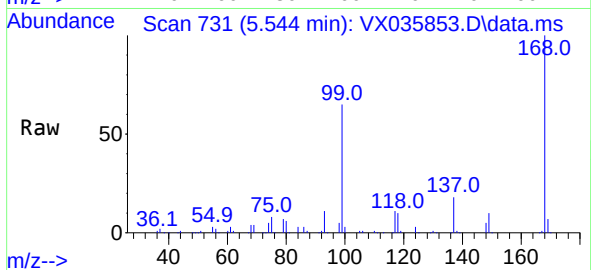




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

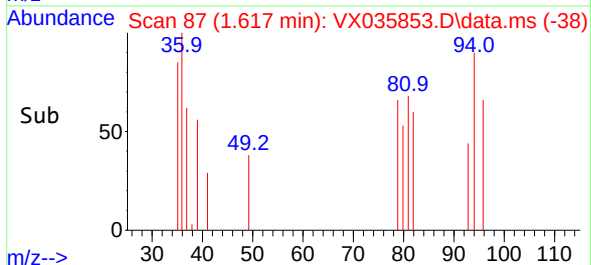
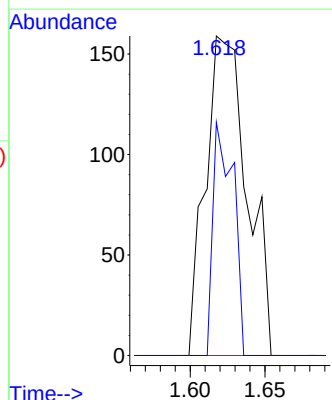
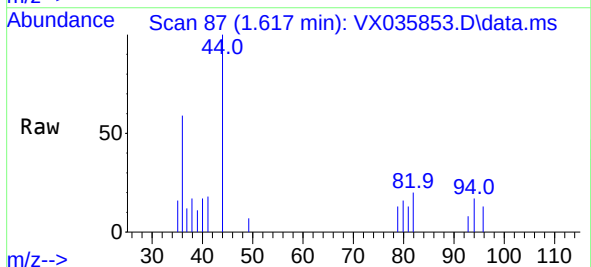
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

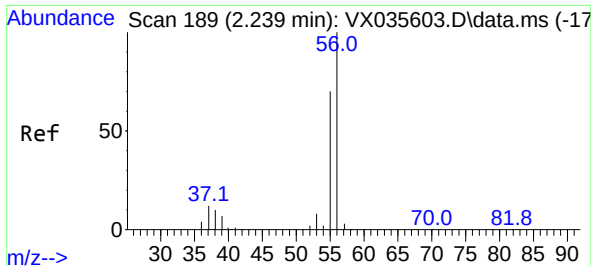
Tgt Ion:168 Resp: 209643
Ion Ratio Lower Upper
168 100
99 64.9 45.7 68.5



#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.001 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 73.0 77.0 115.6#

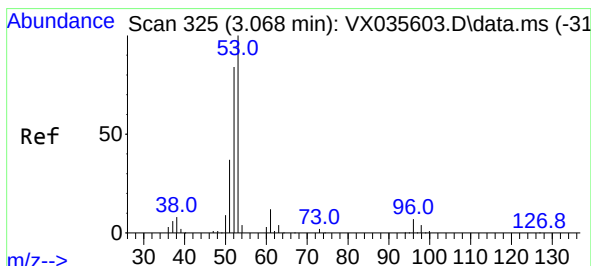
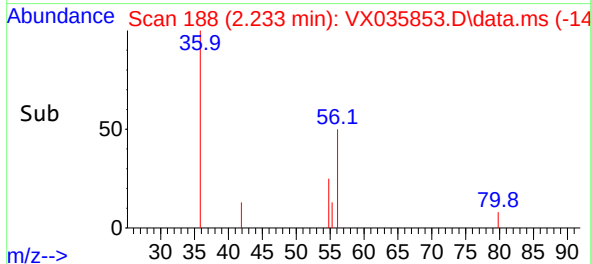
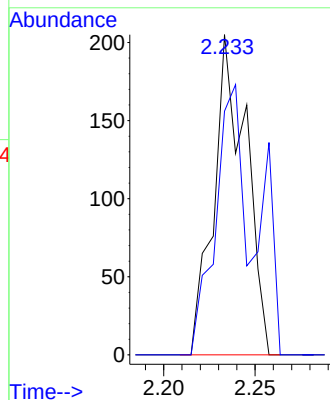
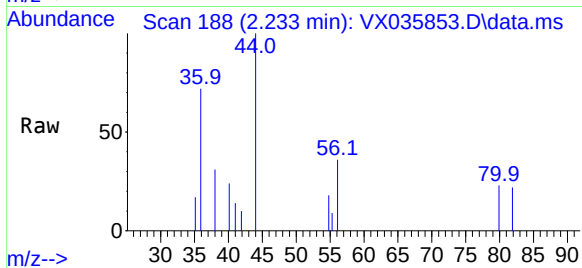




#13
Acrolein
Concen: 0.329 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

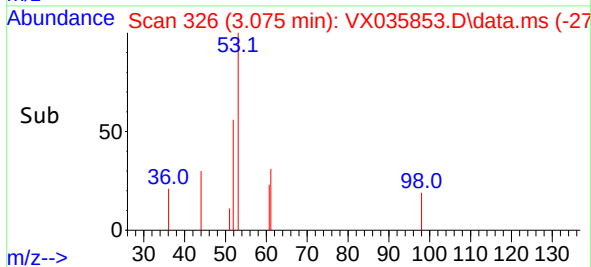
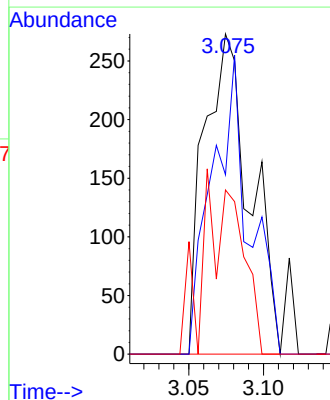
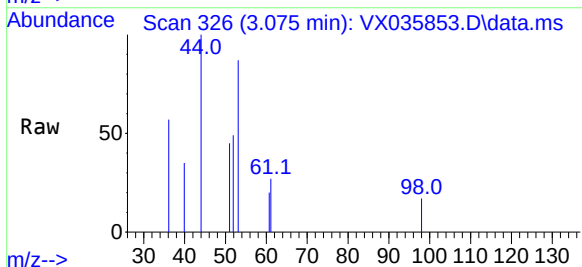
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

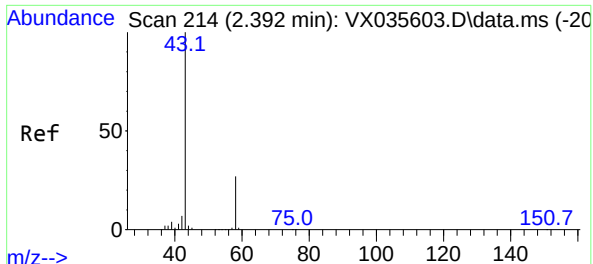
Tgt Ion: 56 Resp: 252
Ion Ratio Lower Upper
56 100
55 101.2 56.6 85.0#



#15
Acrylonitrile
Concen: 0.407 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.007 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion: 53 Resp: 578
Ion Ratio Lower Upper
53 100
52 75.4 66.2 99.2
51 46.7 28.3 42.5#

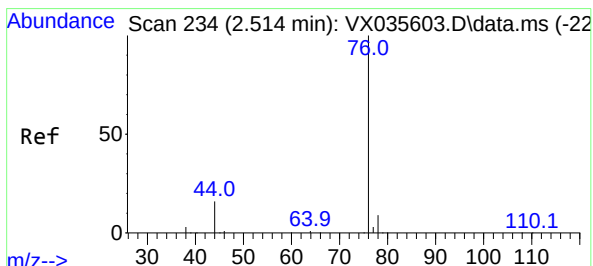
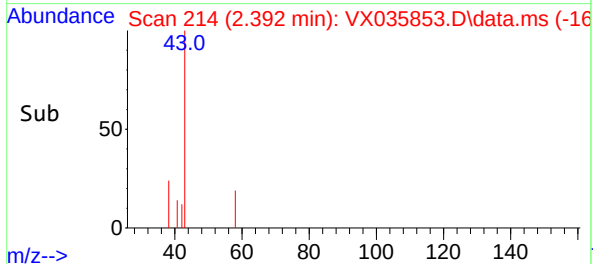
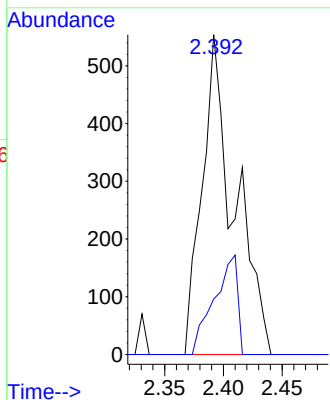
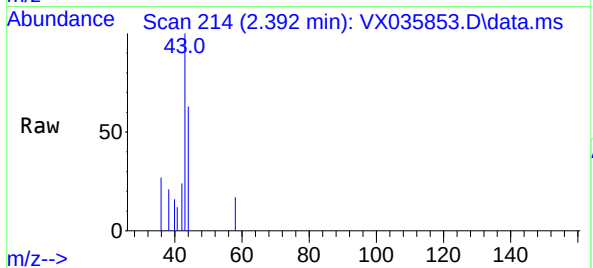




#16
Acetone
Concen: 0.670 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

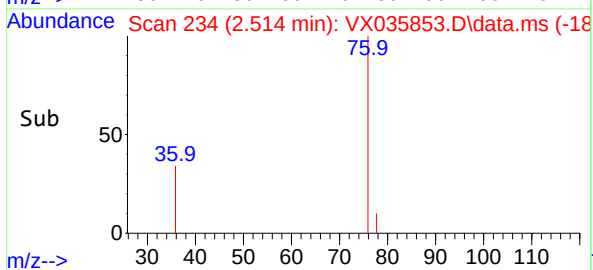
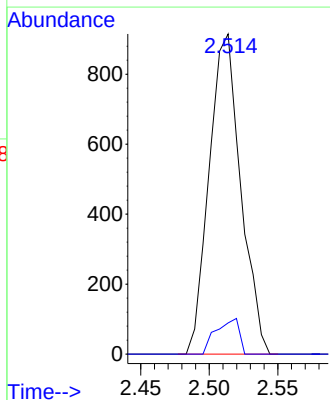
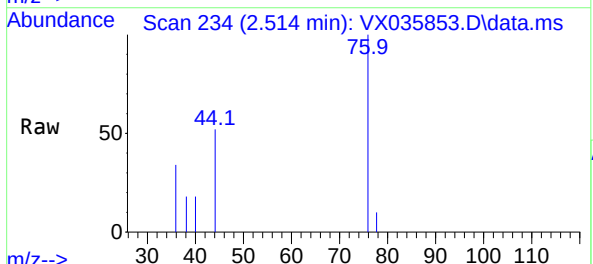
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

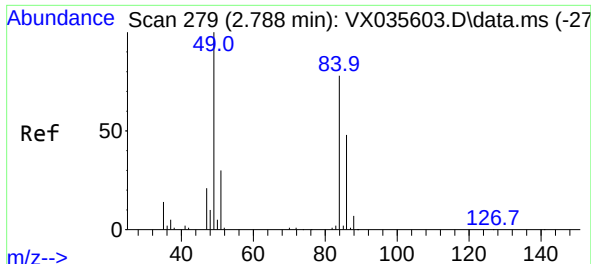
Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 17.3 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion: 76 Resp: 1469
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



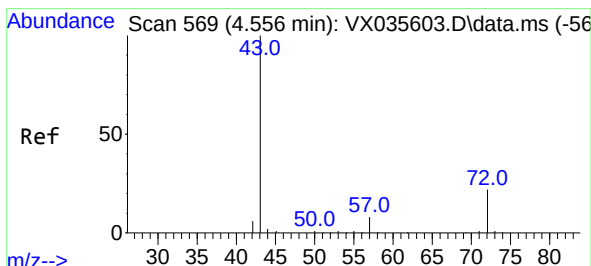
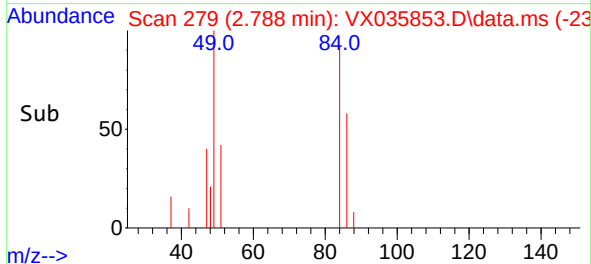
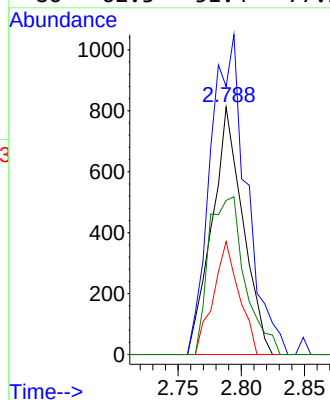
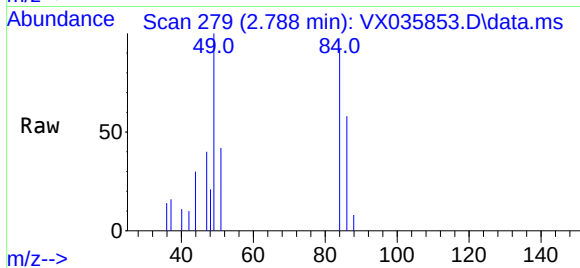


#20
Methylene Chloride
Concen: 0.485 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

Tgt Ion: 84 Resp: 1383

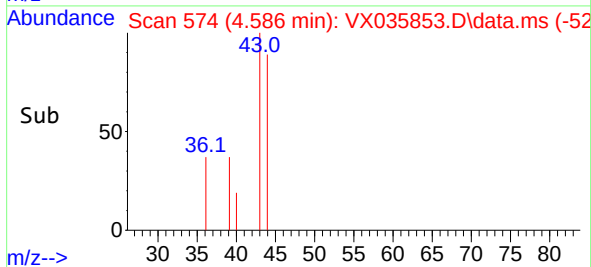
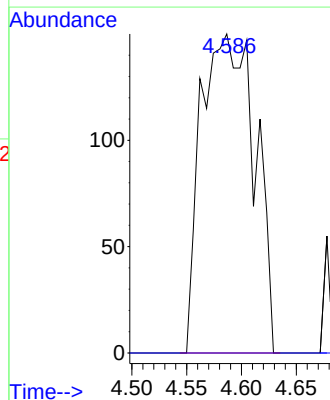
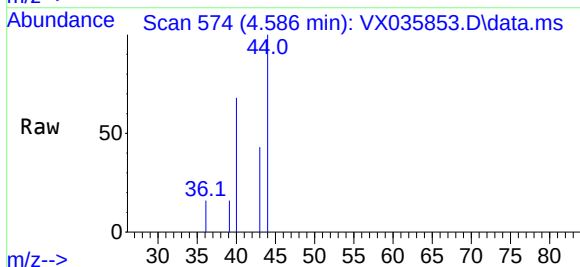
Ion	Ratio	Lower	Upper
84	100		
49	108.4	103.8	155.8
51	45.7	31.8	47.8
86	62.3	51.4	77.2

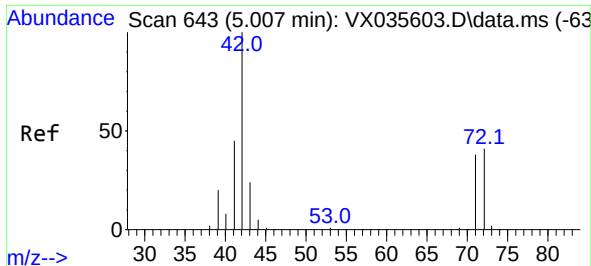


#25
2-Butanone
Concen: 0.235 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion: 43 Resp: 511

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.3	28.9





#29

Tetrahydrofuran

Concen: 0.270 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX035853.D

Acq: 25 May 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBL01

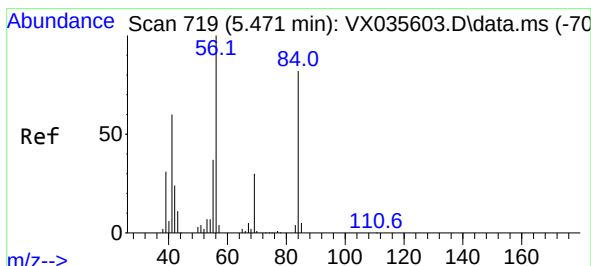
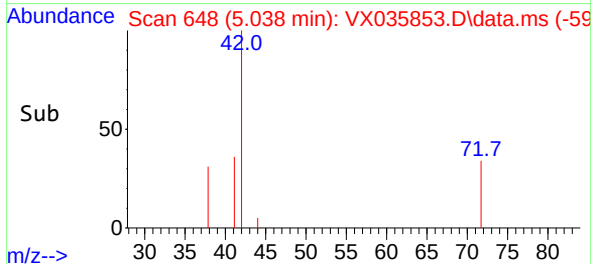
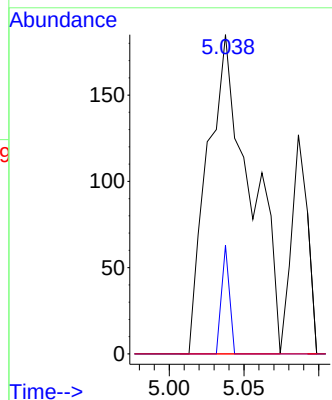
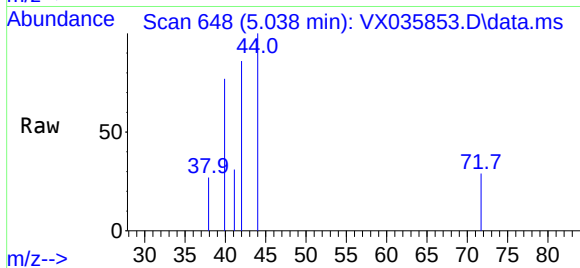
Tgt Ion: 42 Resp: 369

Ion Ratio Lower Upper

42 100

72 6.2 34.5 51.7#

71 0.0 32.1 48.1#



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035853.D

Acq: 25 May 2023 14:08

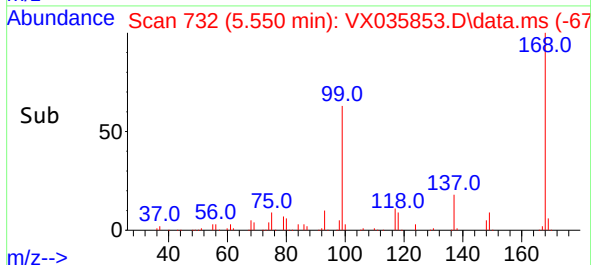
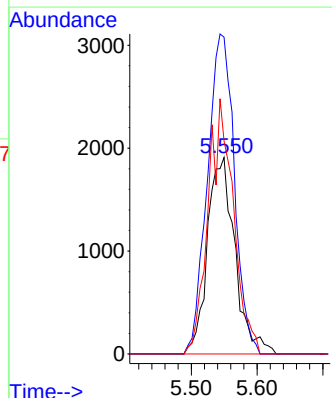
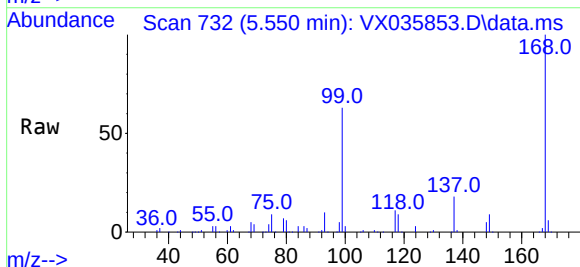
Tgt Ion: 56 Resp: 5554

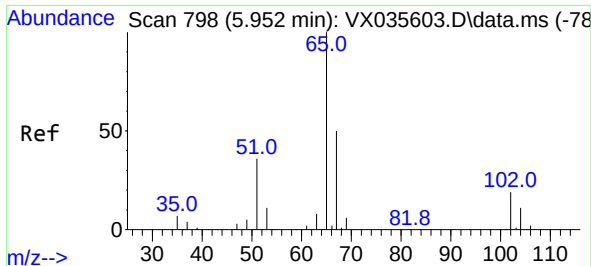
Ion Ratio Lower Upper

56 100

69 161.3 23.7 35.5#

84 108.5 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 40.412 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX035853.D

Acq: 25 May 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

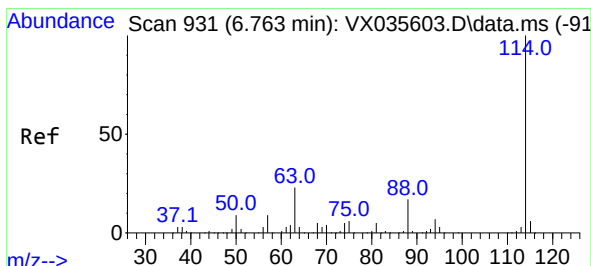
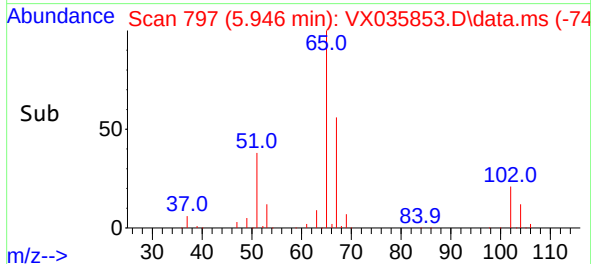
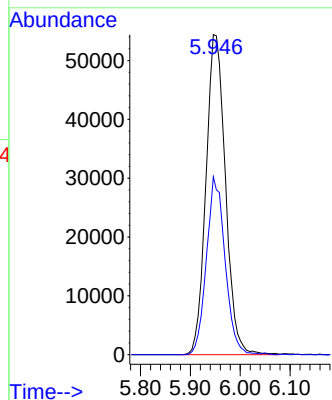
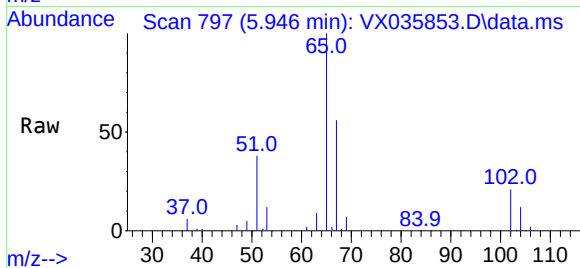
VX0525MBL01

Tgt Ion: 65 Resp: 147800

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035853.D

Acq: 25 May 2023 14:08

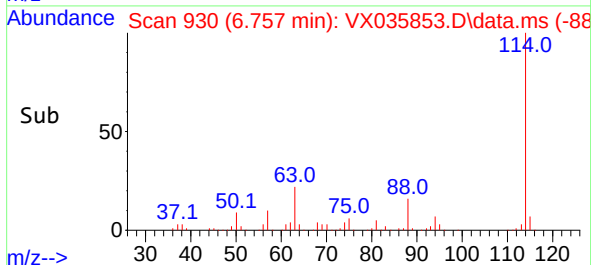
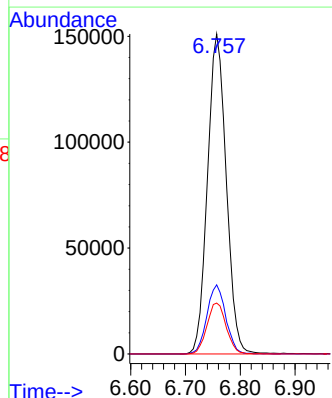
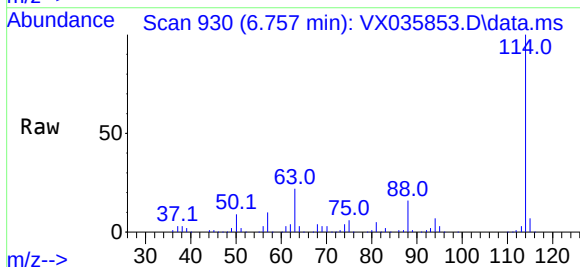
Tgt Ion: 114 Resp: 358719

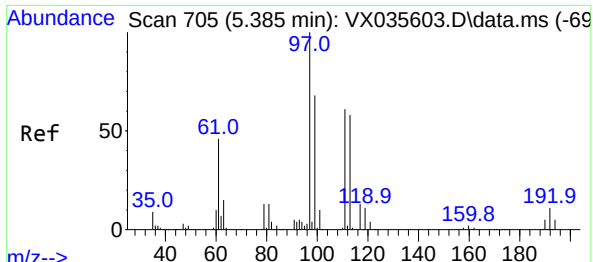
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

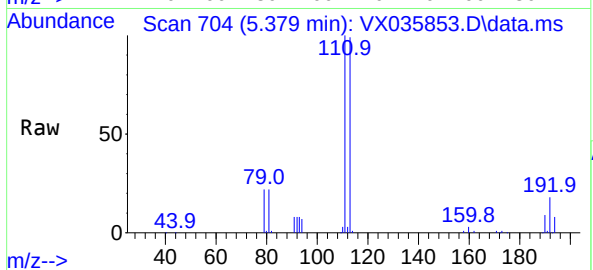
88 15.9 0.0 33.2



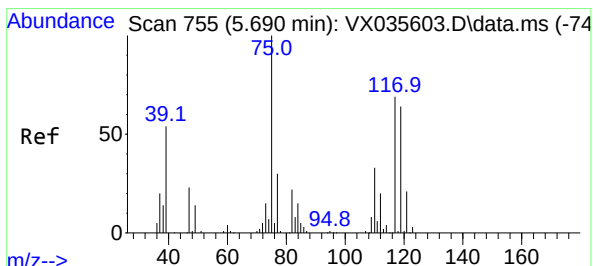
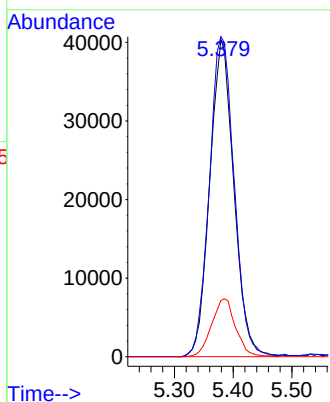
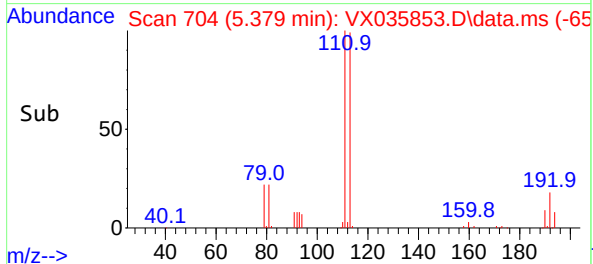


#35
Dibromofluoromethane
Concen: 47.410 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

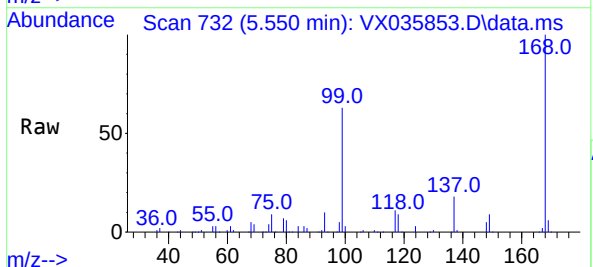
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01



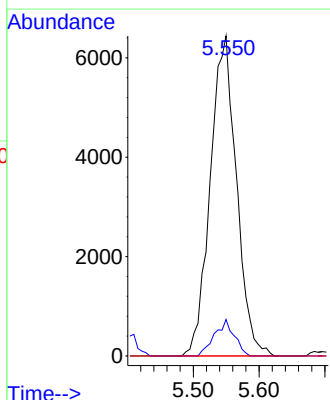
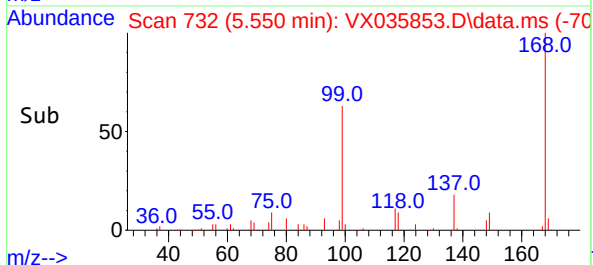
Tgt Ion:113 Resp: 114694
Ion Ratio Lower Upper
113 100
111 104.2 83.7 125.5
192 18.2 15.4 23.2

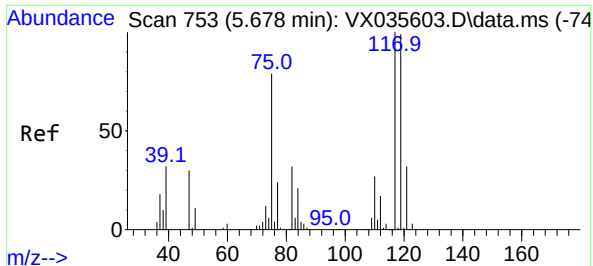


#36
1,1-Dichloropropene
Concen: 4.685 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08



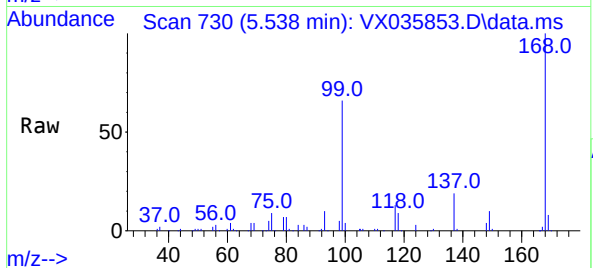
Tgt Ion: 75 Resp: 17891
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#



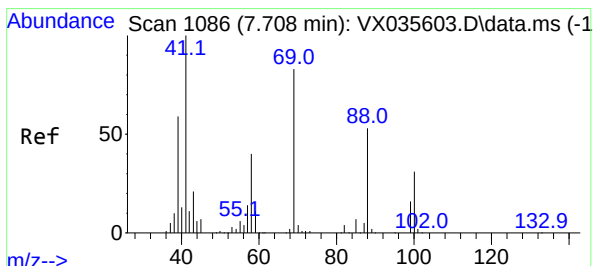
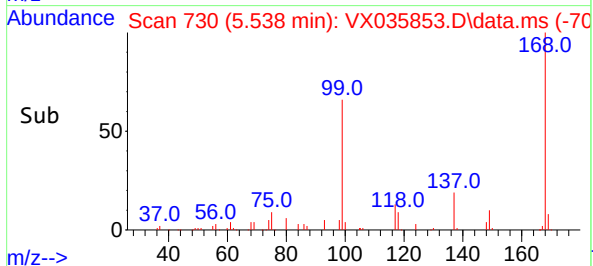
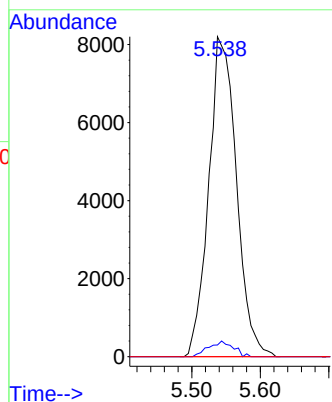


#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

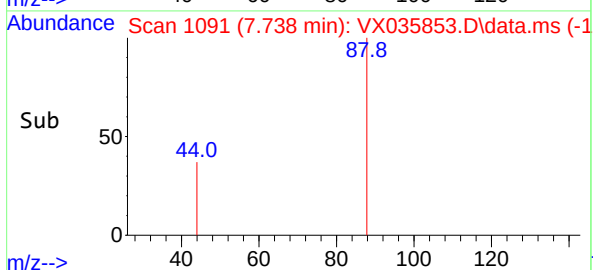
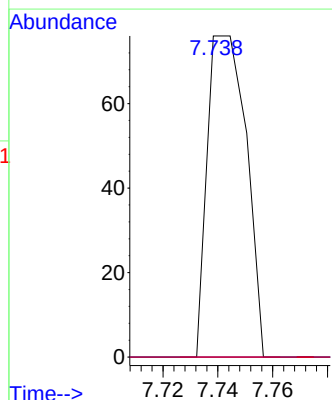
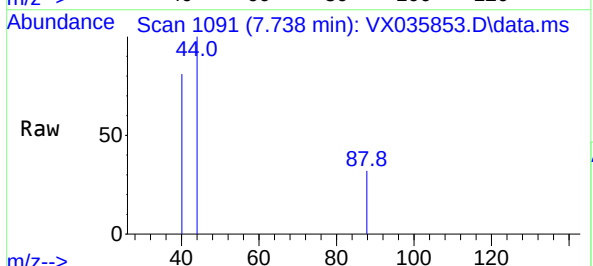


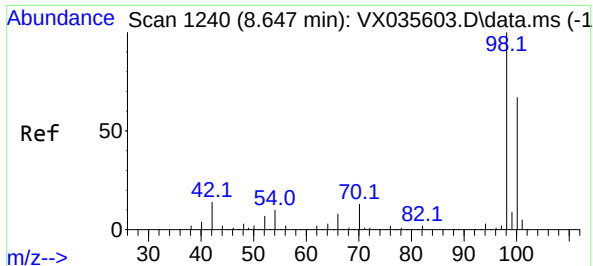
Tgt Ion:117 Resp: 23034
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 2.987 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.030 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#





#50

Toluene-d8

Concen: 44.185 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035853.D

Acq: 25 May 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

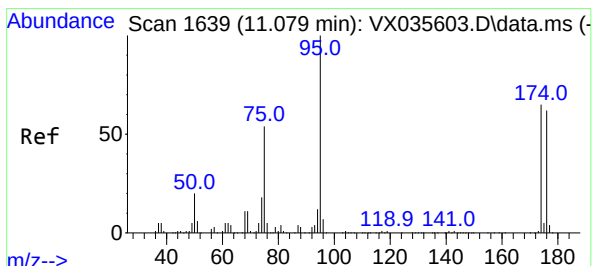
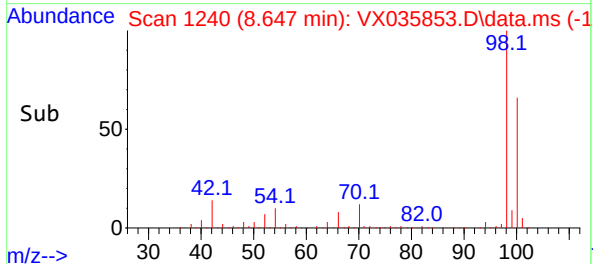
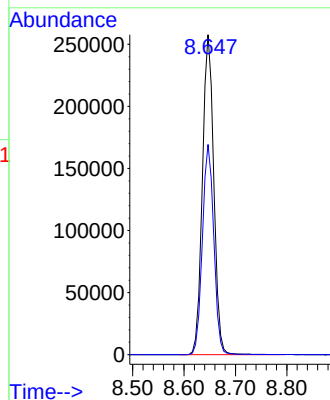
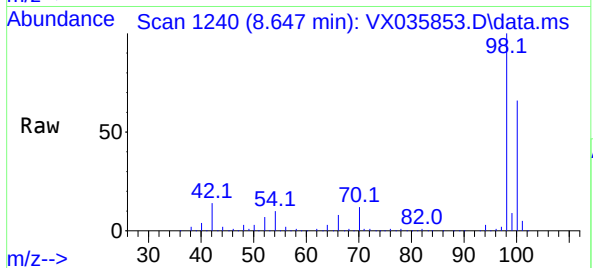
VX0525MBL01

Tgt Ion: 98 Resp: 394884

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.880 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035853.D

Acq: 25 May 2023 14:08

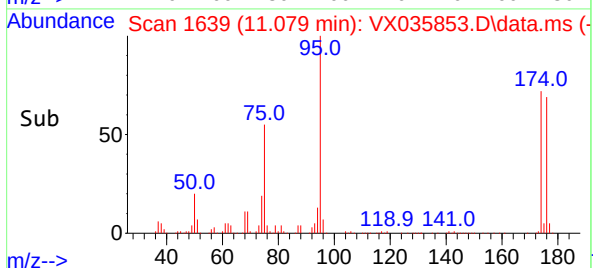
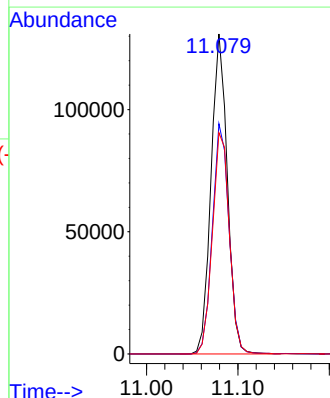
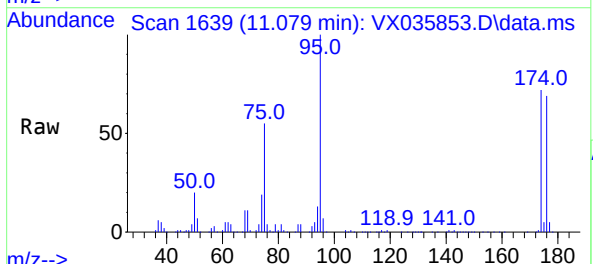
Tgt Ion: 95 Resp: 161500

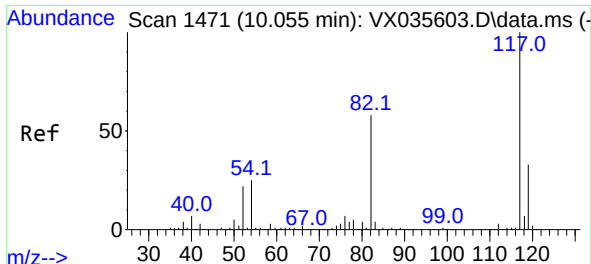
Ion Ratio Lower Upper

95 100

174 73.5 0.0 147.4

176 72.1 0.0 140.6

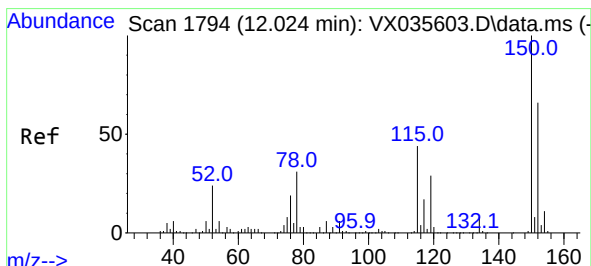
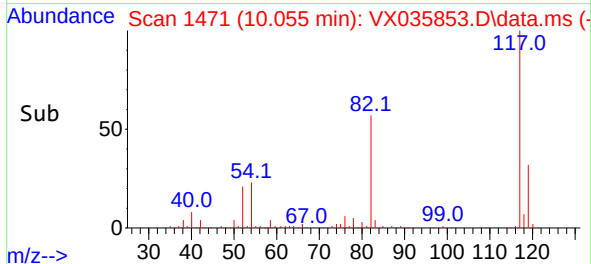
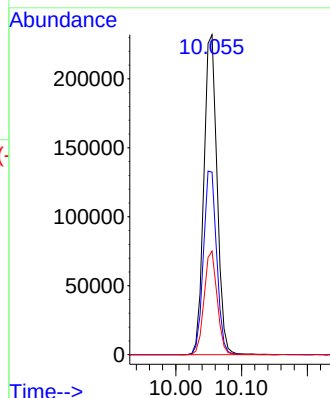
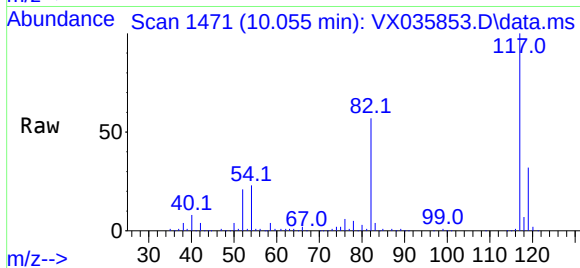




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

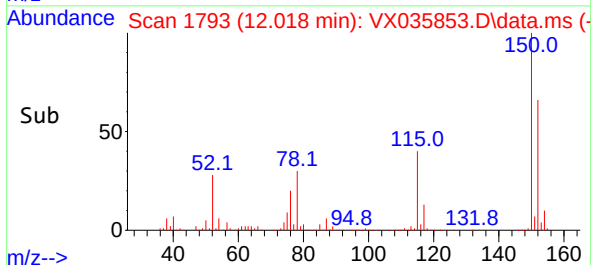
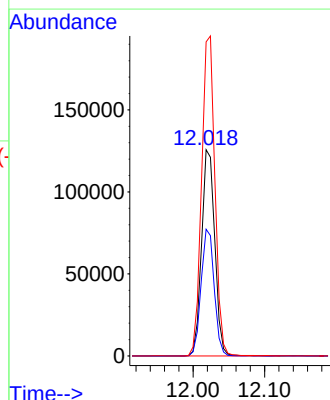
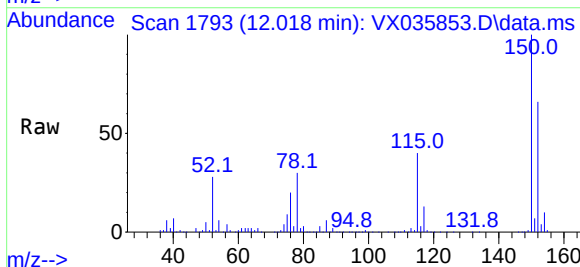
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

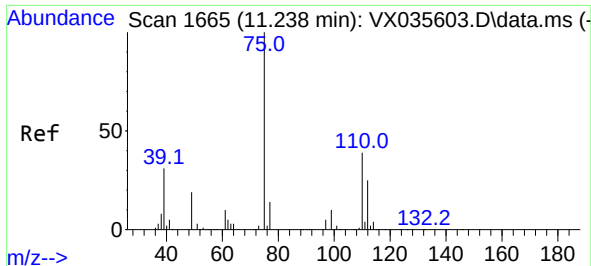
Tgt Ion:117 Resp: 324184
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion:152 Resp: 161108
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 156.8 0.0 352.4

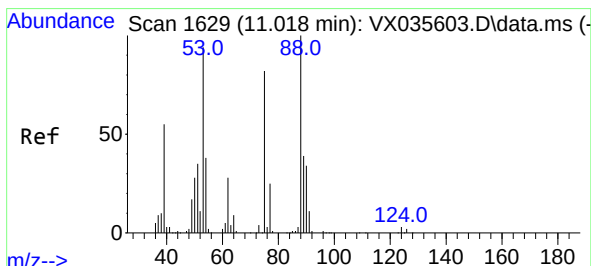
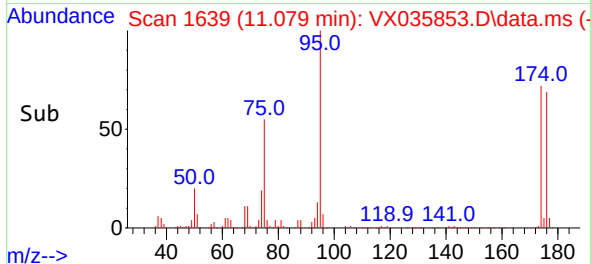
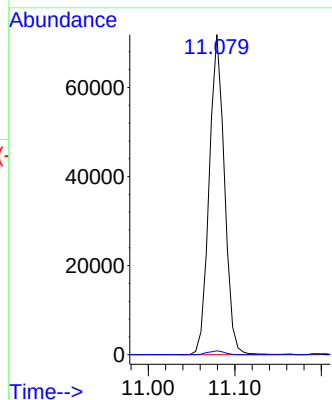
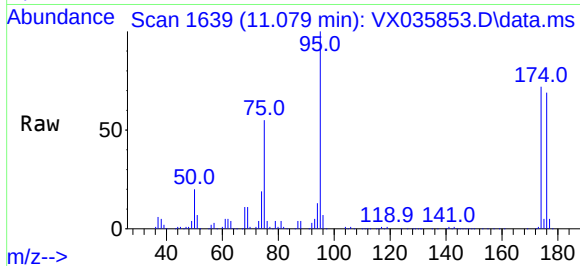




#76
1,2,3-Trichloropropane
Concen: 22.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

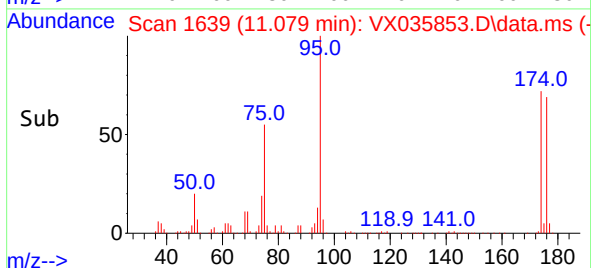
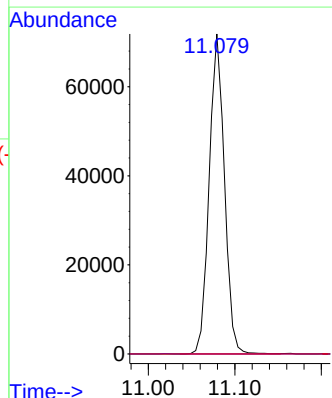
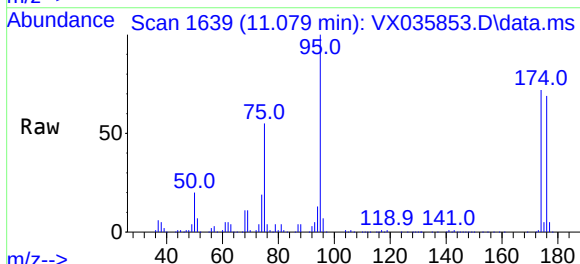
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

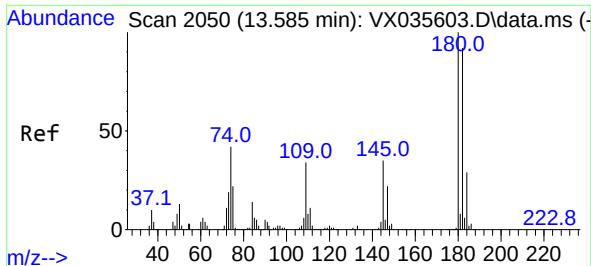
Tgt Ion: 75 Resp: 87742
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.758 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion: 75 Resp: 87742
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

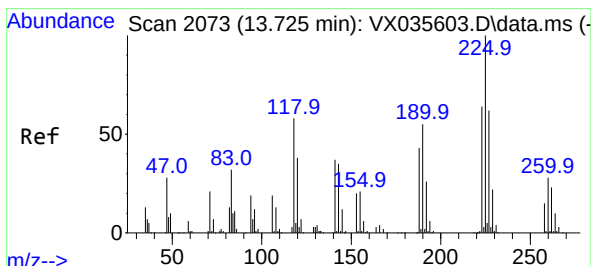
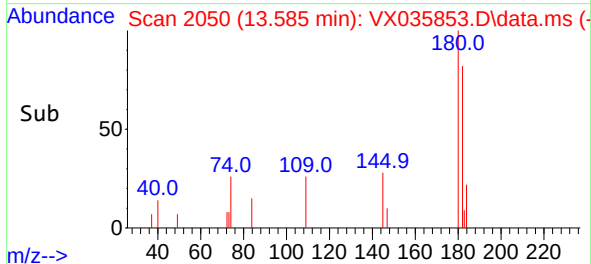
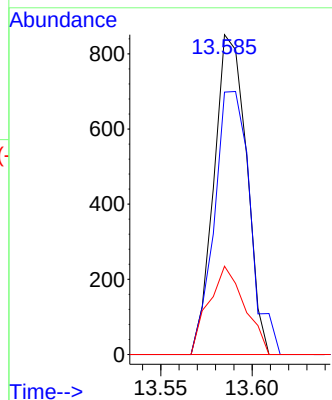
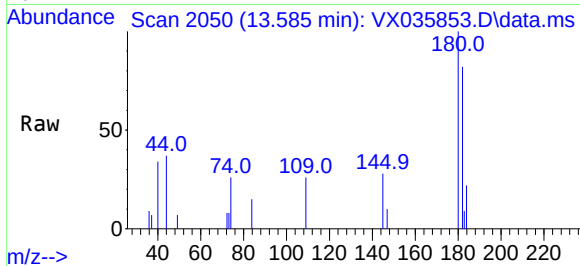




#93
1,2,4-Trichlorobenzene
Concen: 0.306 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

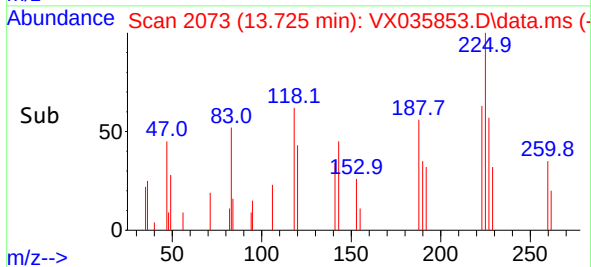
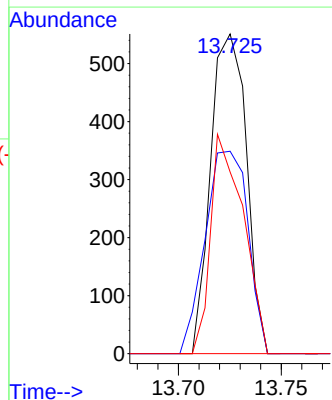
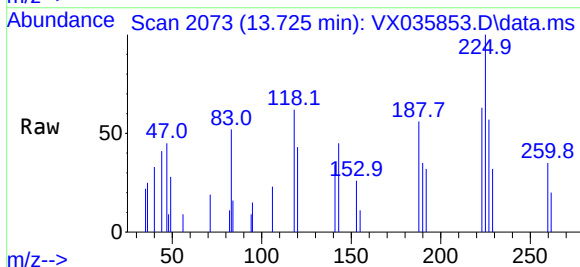
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

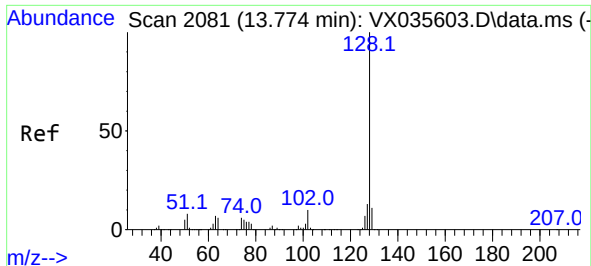
Tgt Ion:	180	Resp:	1055
Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.0	141.0
145	30.6	15.9	47.7



#94
Hexachlorobutadiene
Concen: 0.485 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion:	225	Resp:	665
Ion	Ratio	Lower	Upper
225	100		
223	76.1	32.1	96.5
227	63.0	31.8	95.4

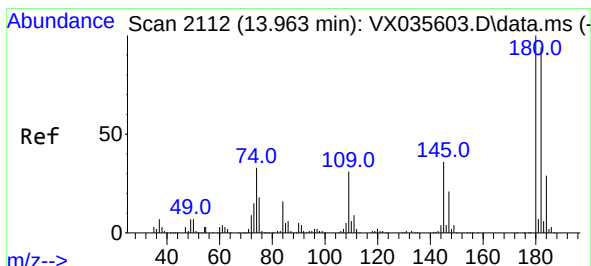
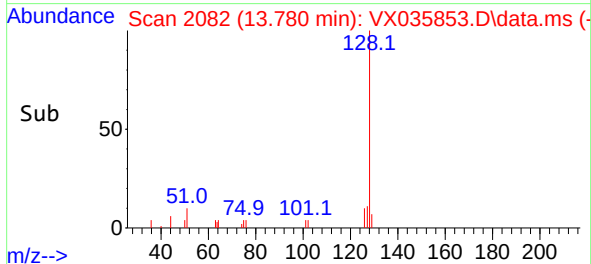
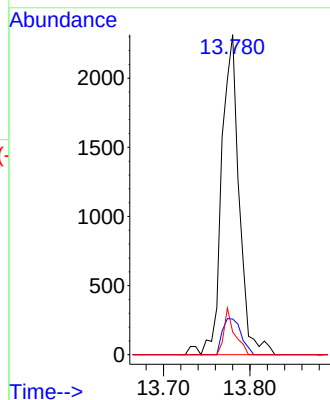
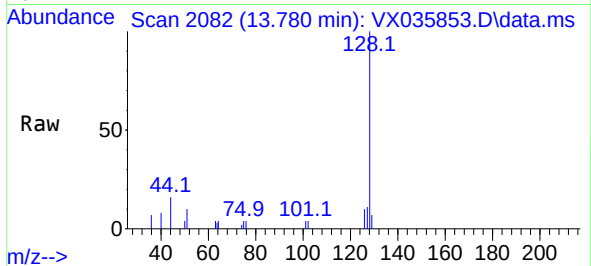




#95
Naphthalene
Concen: 0.277 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

Tgt Ion:	128	Resp:	3272
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	8.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.273 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035853.D
Acq: 25 May 2023 14:08

Tgt Ion:	180	Resp:	927
Ion	Ratio	Lower	Upper
180	100		
182	111.3	48.0	144.2
145	27.0	17.7	53.1

