

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032670.D
 Acq On : 09 Nov 2022 11:37
 Operator : JC/MD
 Sample : VX1109MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBL01

Quant Time: Nov 10 03:03:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

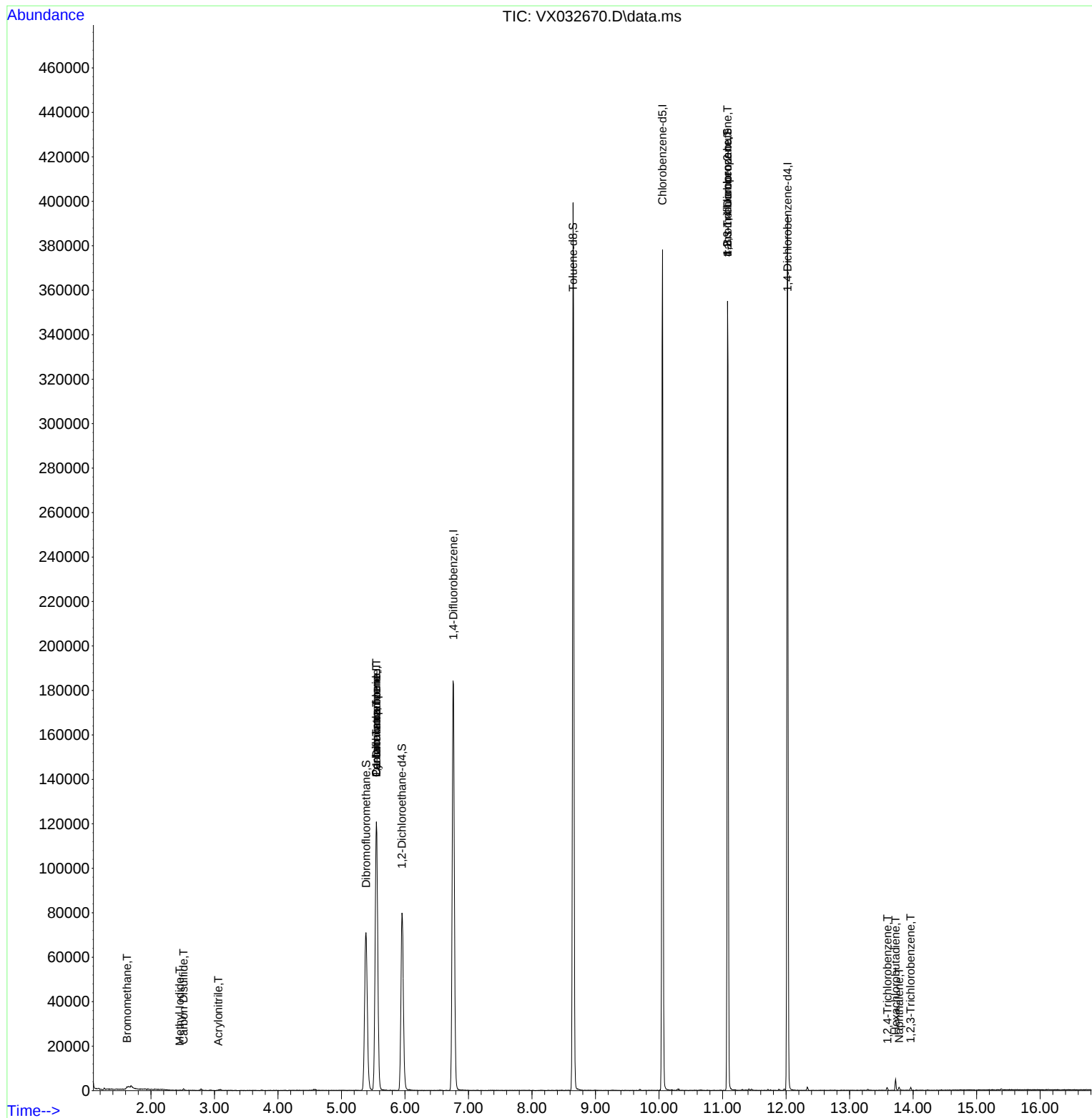
Internal Standards						
1) Pentafluorobenzene	5.550	168	115033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80214	50.185	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.380%	
35) Dibromofluoromethane	5.385	113	62268	46.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.580%	
50) Toluene-d8	8.646	98	227472	48.630	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	11.079	95	89570	49.021	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.040%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	243	0.246	ug/l	86
10) Methyl Iodide	2.453	142	142	2.016	ug/l #	52
15) Acrylonitrile	3.062	53	203	0.322	ug/l #	81
17) Carbon Disulfide	2.513	76	873	0.318	ug/l #	74
31) Cyclohexane	5.550	56	2701	1.394	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	9103	4.859	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11915	5.735	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	48404	26.785	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48404	85.230	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.597	180	519	0.271	ug/l	86
94) Hexachlorobutadiene	13.725	225	699	0.875	ug/l	90
95) Naphthalene	13.780	128	1340	0.210	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	415	0.213	ug/l	89

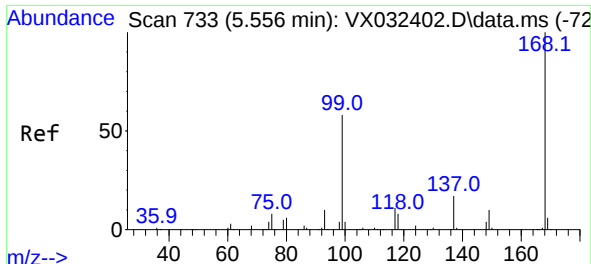
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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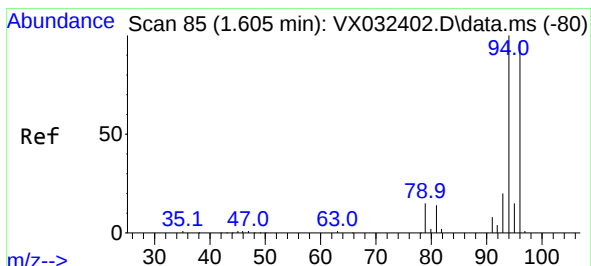
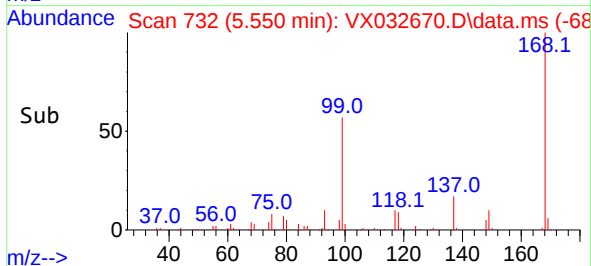
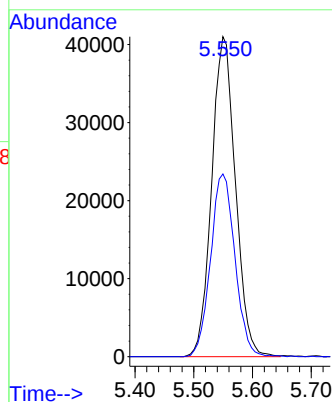
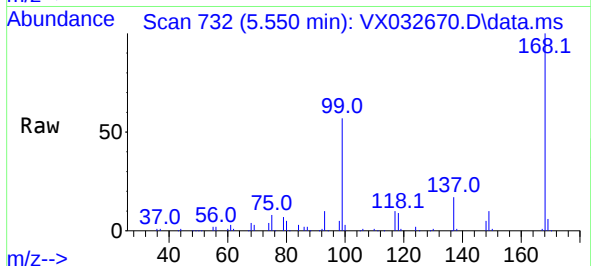




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

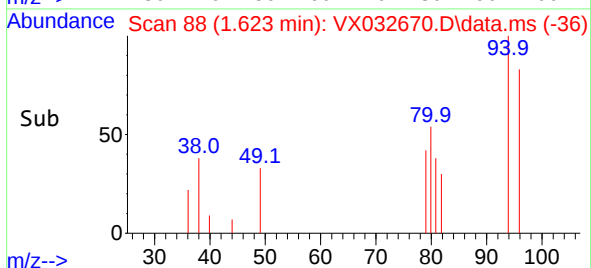
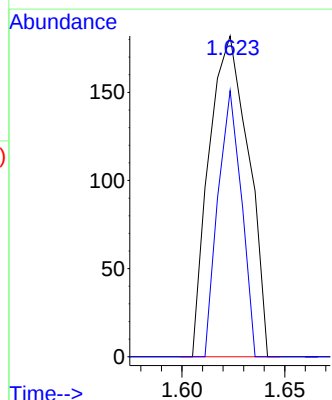
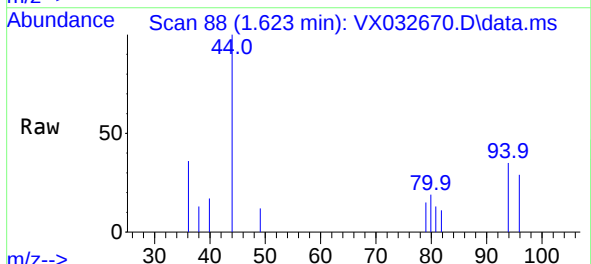
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01

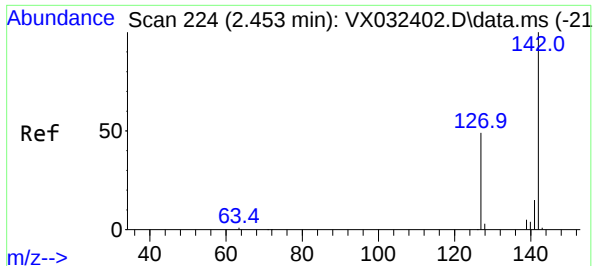
Tgt Ion:168 Resp: 115033
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

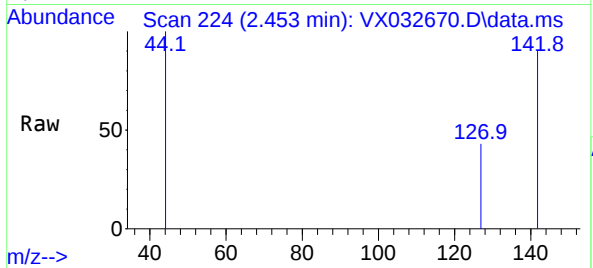
Tgt Ion: 94 Resp: 243
Ion Ratio Lower Upper
94 100
96 83.0 77.6 116.4



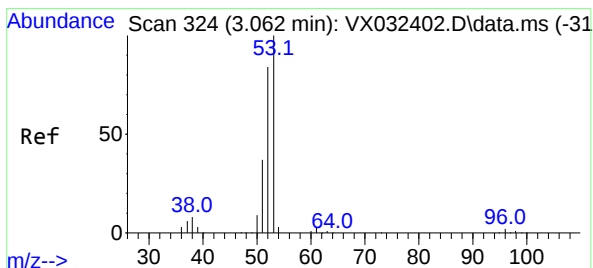
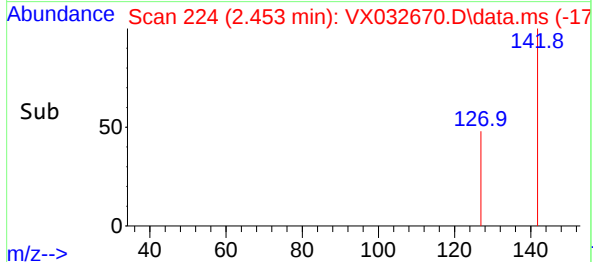
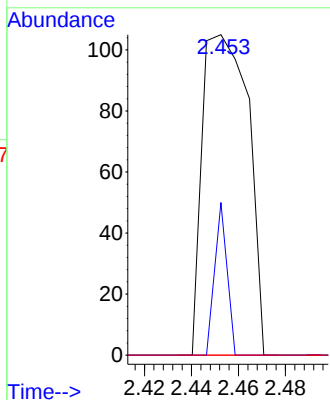


#10
Methyl Iodide
Concen: 2.016 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01

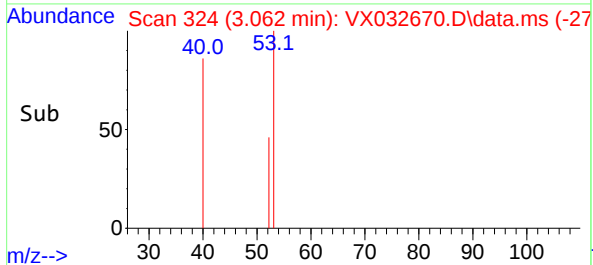
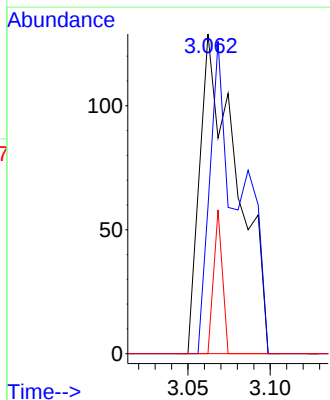
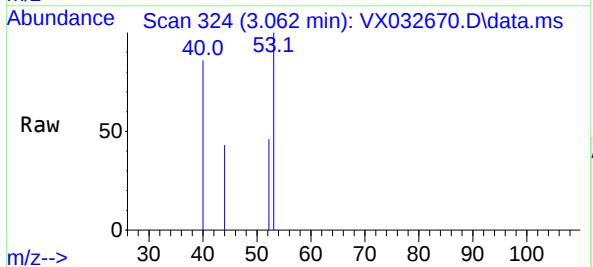


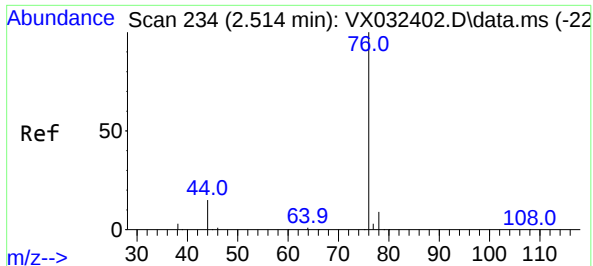
Tgt Ion:142	Resp:	142
Ion	Ratio	Lower Upper
142	100	
127	12.7	38.6 57.8#
141	0.0	11.4 17.2#



#15
Acrylonitrile
Concen: 0.322 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

Tgt Ion: 53	Resp:	203
Ion	Ratio	Lower Upper
53	100	
52	78.3	67.4 101.0
51	10.3	30.3 45.5#

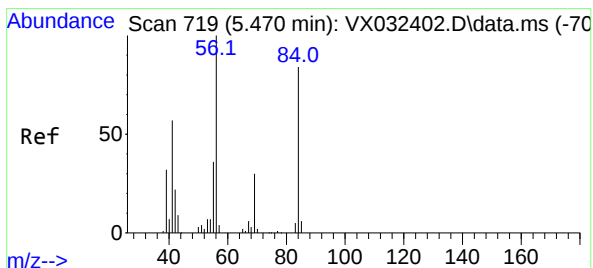
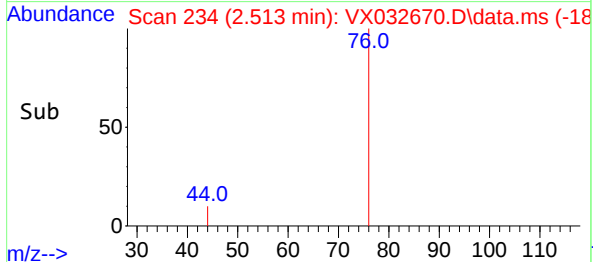
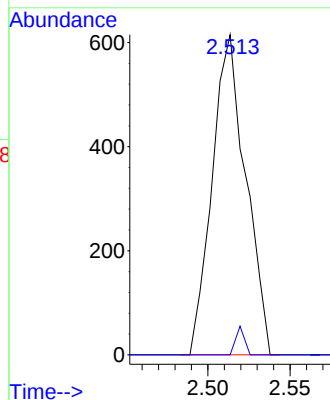
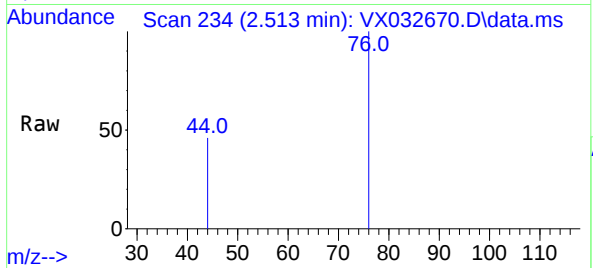




#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

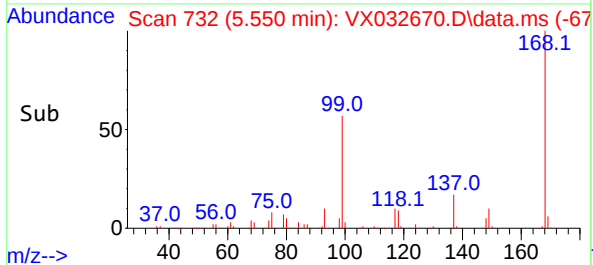
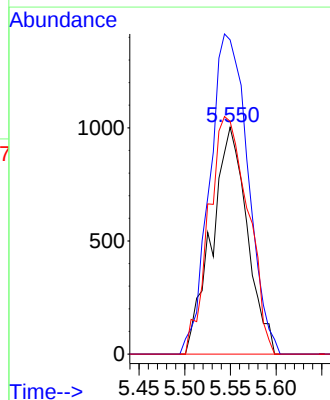
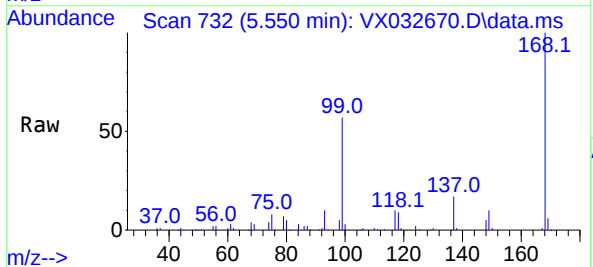
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01

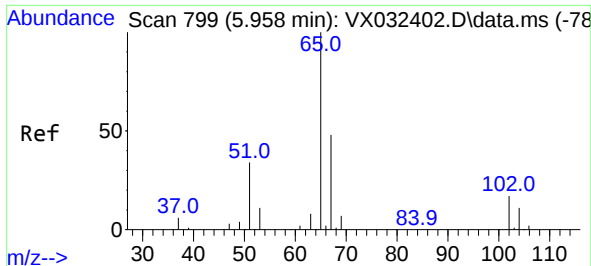
Tgt Ion: 76 Resp: 873
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.394 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

Tgt Ion: 56 Resp: 2701
Ion Ratio Lower Upper
56 100
69 138.5 24.1 36.1#
84 102.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.185 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032670.D

Acq: 09 Nov 2022 11:37

Instrument :

MSVOA_X

ClientSampleId :

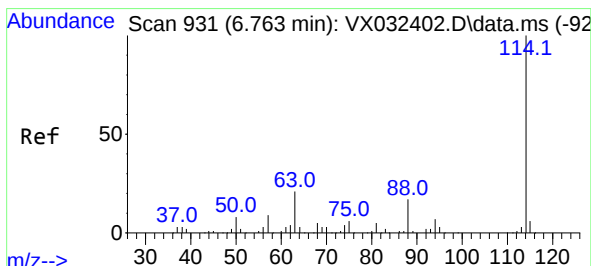
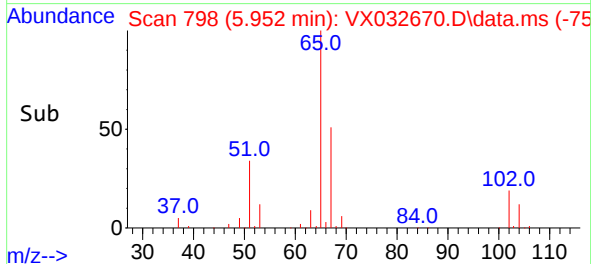
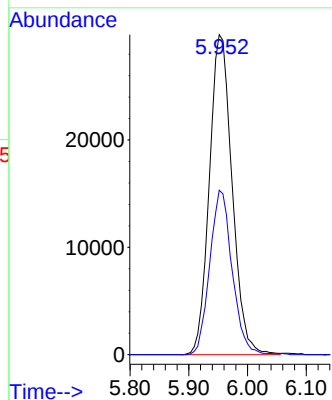
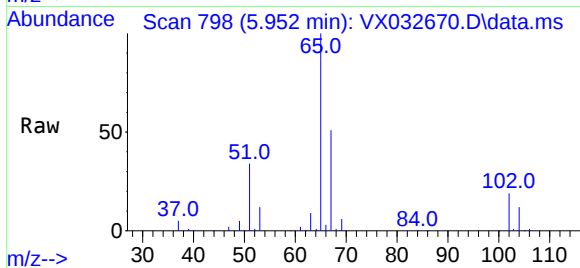
VX1109MBL01

Tgt Ion: 65 Resp: 80214

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032670.D

Acq: 09 Nov 2022 11:37

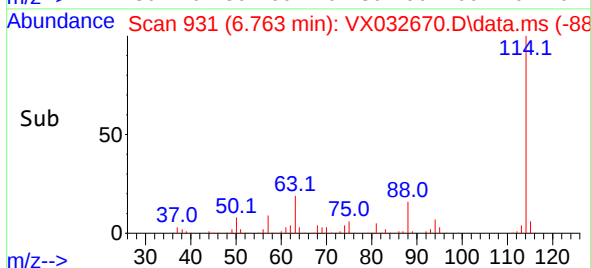
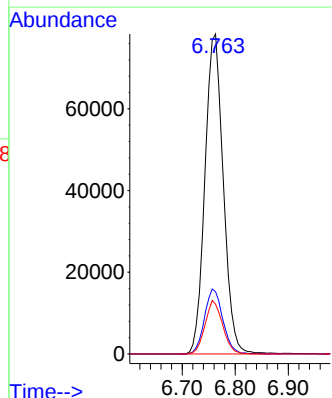
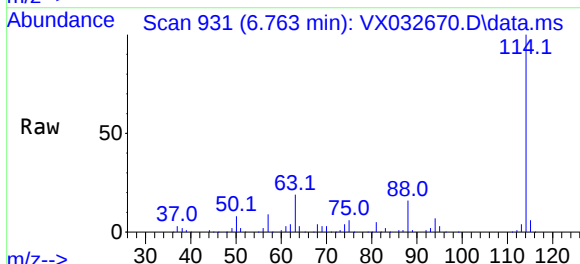
Tgt Ion: 114 Resp: 188587

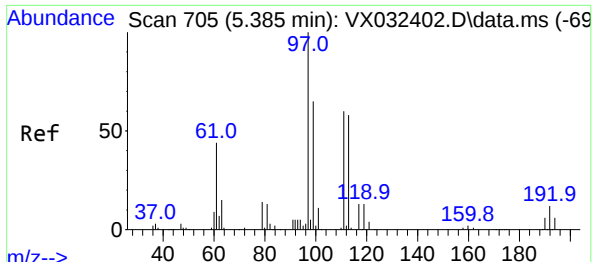
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

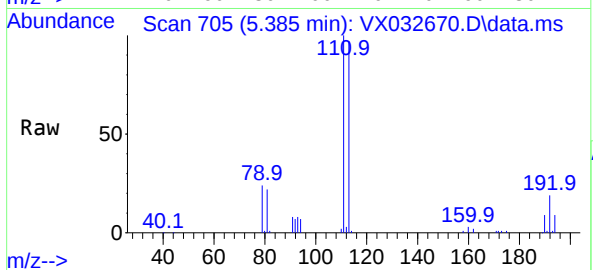
88 15.5 0.0 33.4



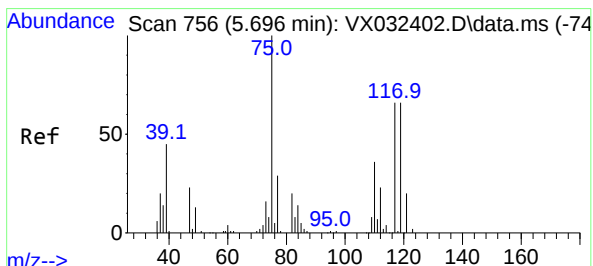
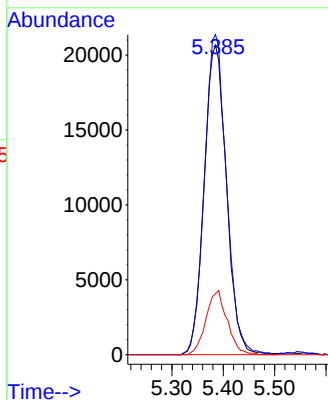
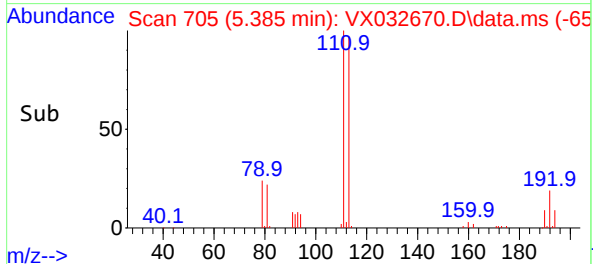


#35
Dibromofluoromethane
Concen: 46.289 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

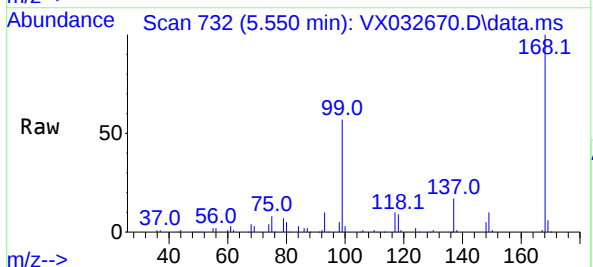
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01



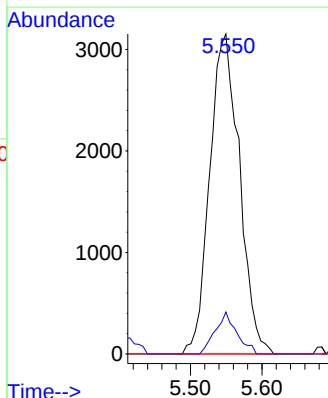
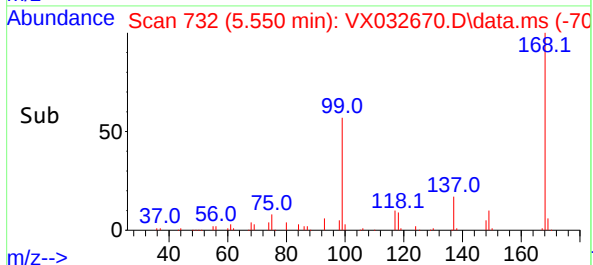
Tgt Ion:113 Resp: 62268
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.7 15.4 23.2

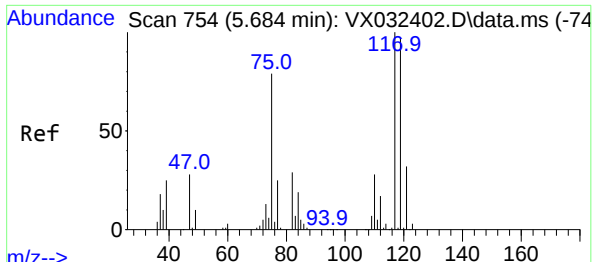


#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37



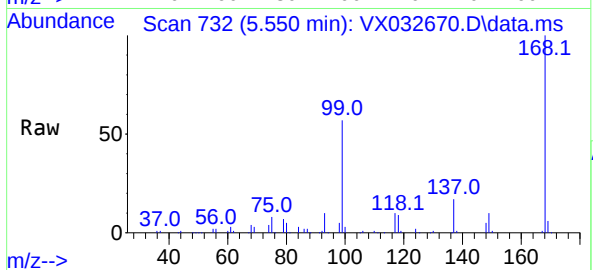
Tgt Ion: 75 Resp: 9103
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



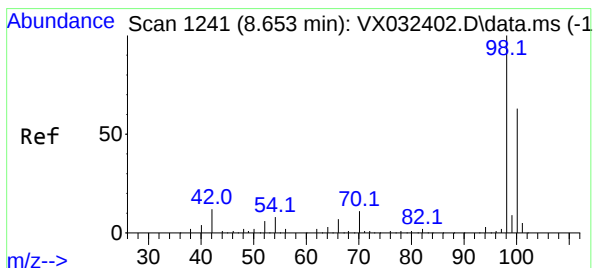
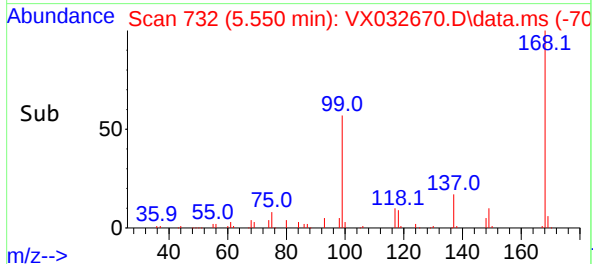
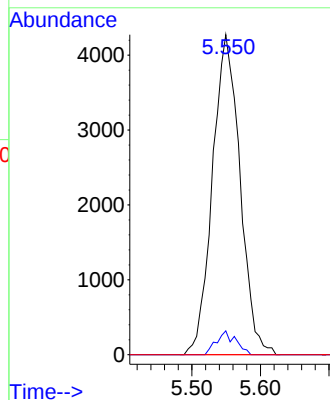


#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01

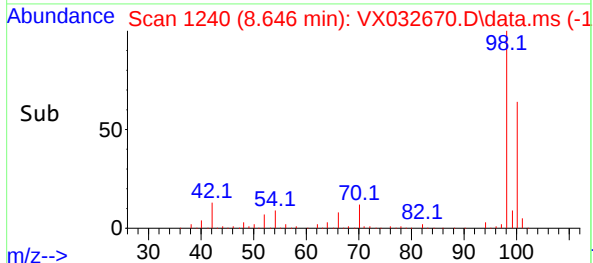
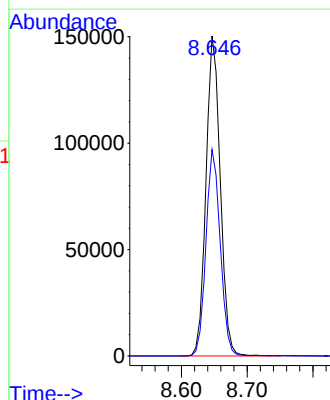
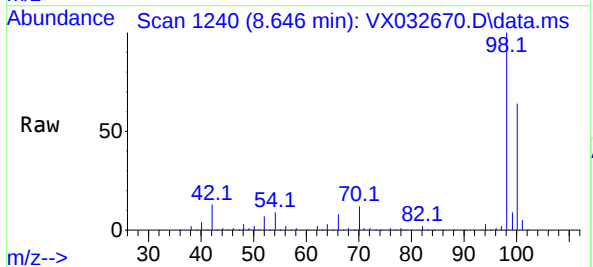


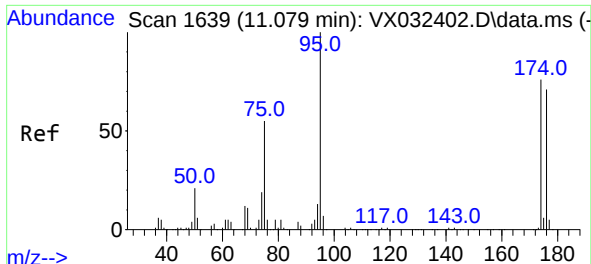
Tgt Ion:117 Resp: 11915
Ion Ratio Lower Upper
117 100
119 7.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.630 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

Tgt Ion: 98 Resp: 227472
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

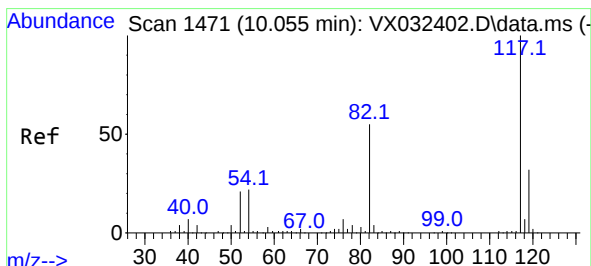
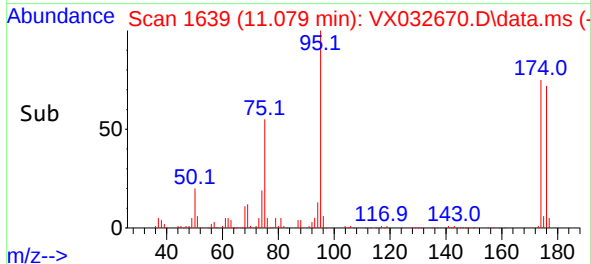
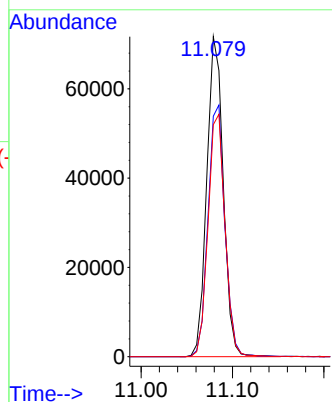
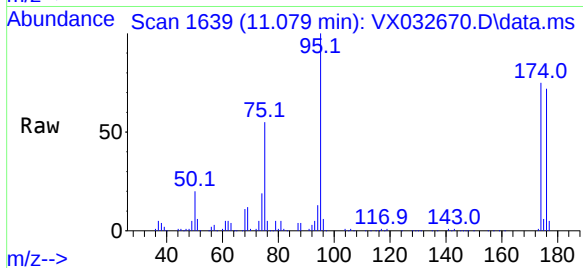




#62
4-Bromofluorobenzene
Concen: 49.021 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

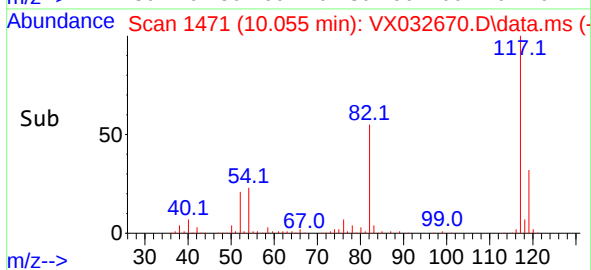
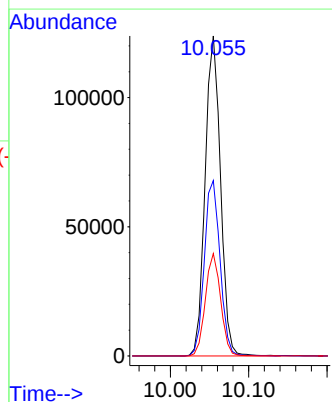
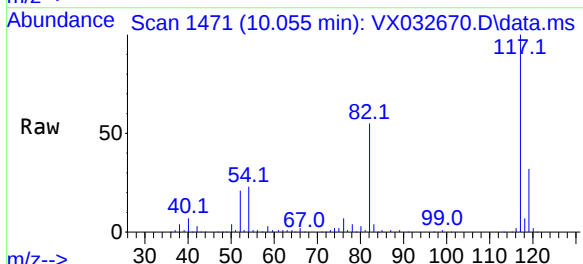
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01

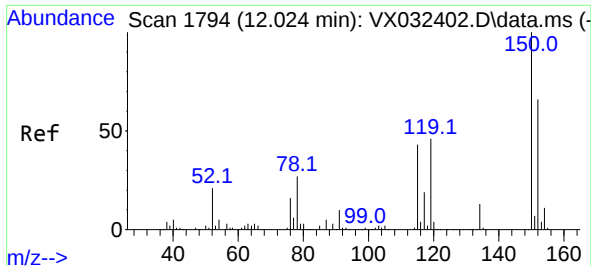
Tgt Ion: 95 Resp: 89570
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.0
176 78.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

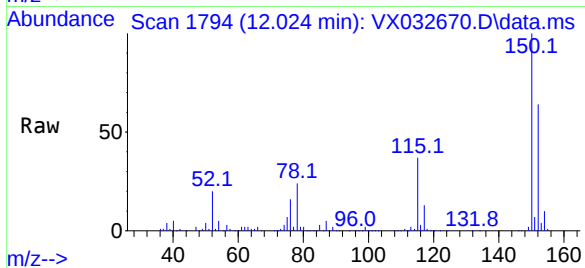
Tgt Ion: 117 Resp: 168642
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.0 25.7 38.5



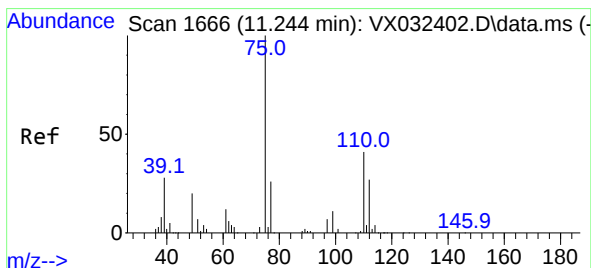
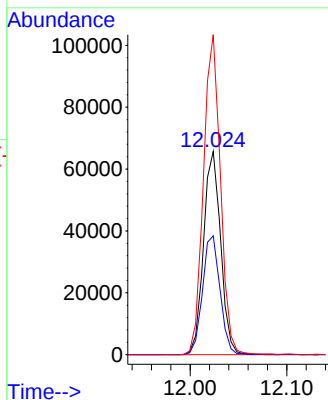
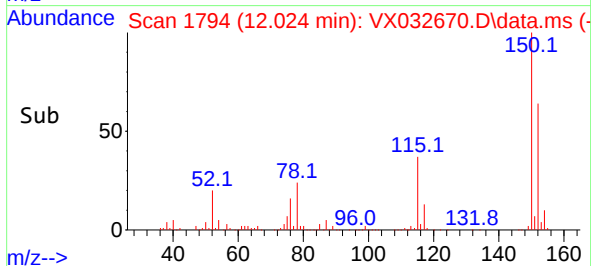


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01

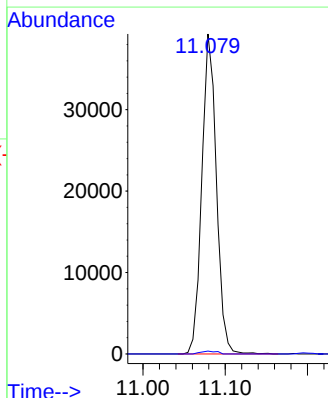
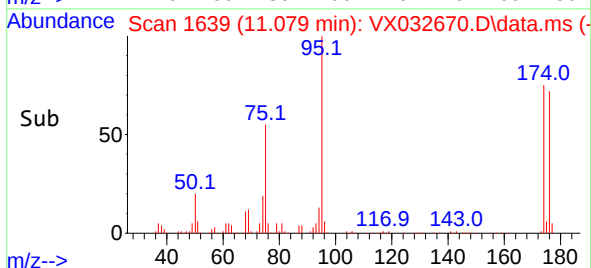
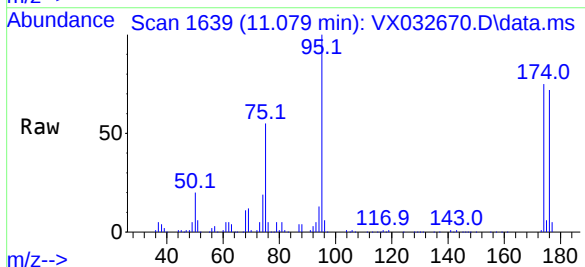


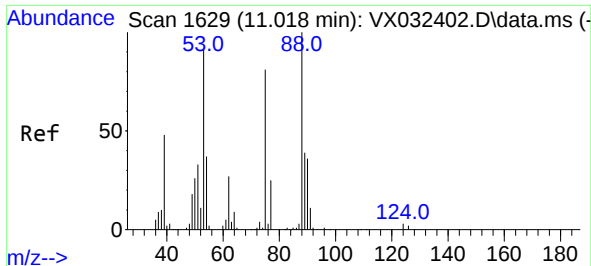
Tgt Ion:152 Resp: 81229
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 156.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

Tgt Ion: 75 Resp: 48404
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

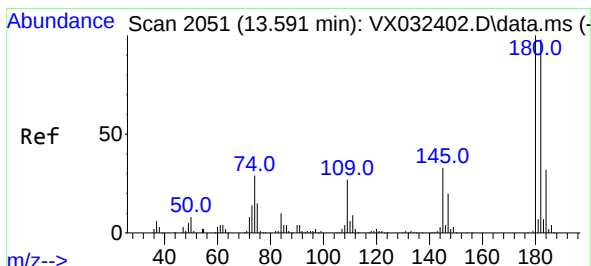
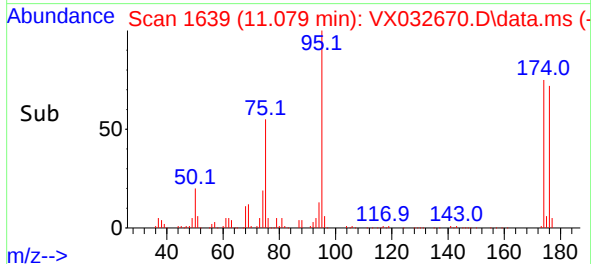
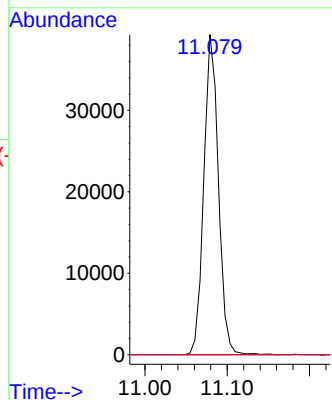
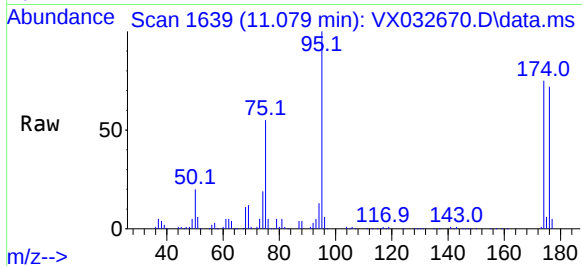




#81
trans-1,4-Dichloro-2-butene
Concen: 85.230 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

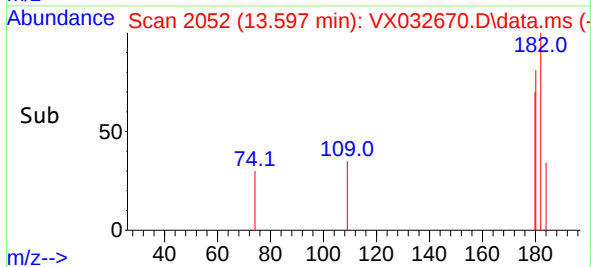
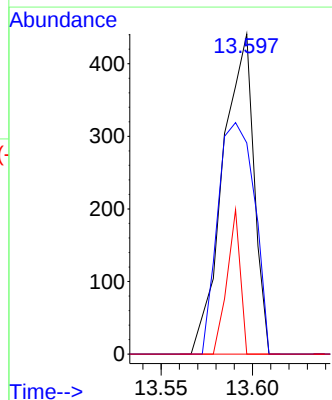
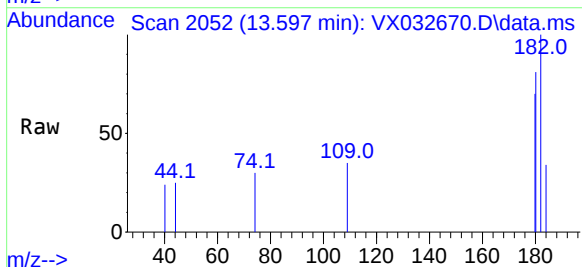
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01

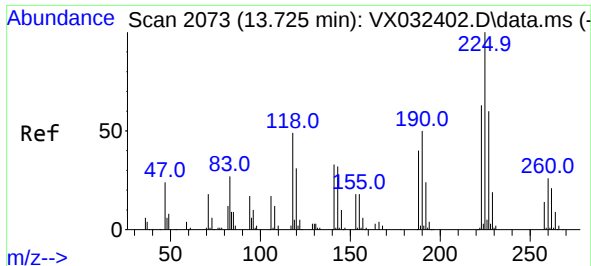
Tgt Ion: 75 Resp: 48404
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.271 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

Tgt Ion:180 Resp: 519
Ion Ratio Lower Upper
180 100
182 85.7 48.4 145.0
145 19.5 16.2 48.5

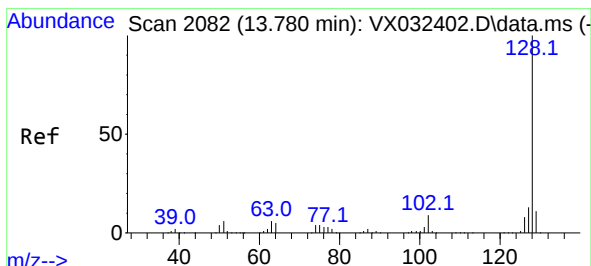
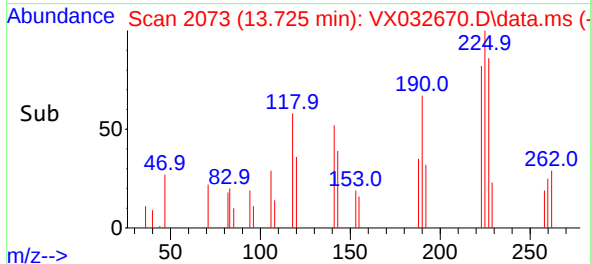
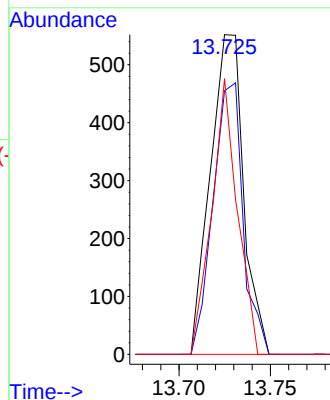
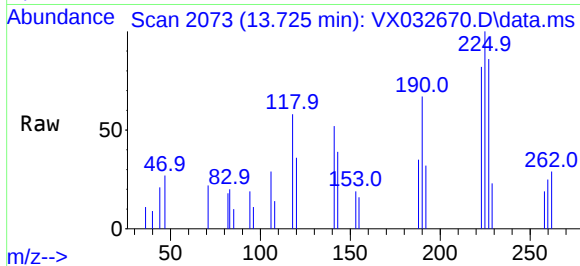




#94
Hexachlorobutadiene
Concen: 0.875 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

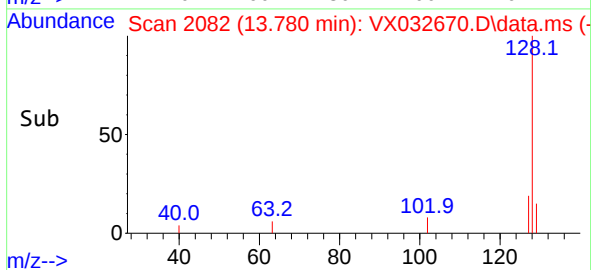
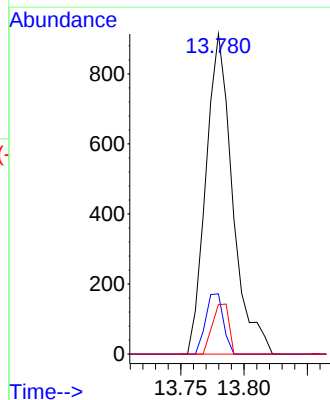
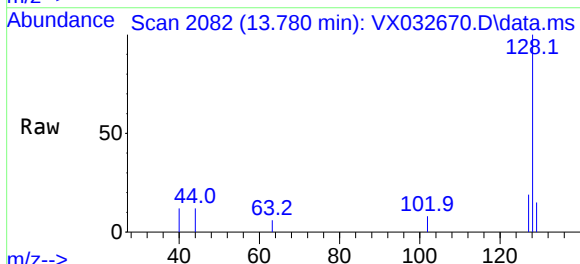
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL01

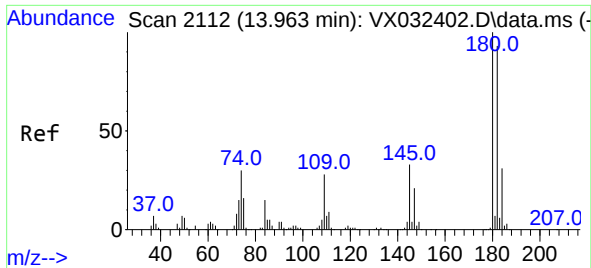
Tgt Ion:	225	Resp:	699
Ion	Ratio	Lower	Upper
225	100		
223	76.5	31.9	95.9
227	66.5	31.9	95.5



#95
Naphthalene
Concen: 0.210 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032670.D
Acq: 09 Nov 2022 11:37

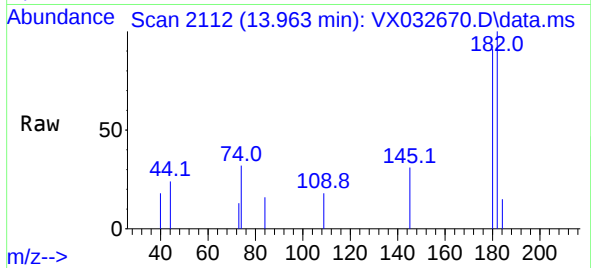
Tgt Ion:	128	Resp:	1340
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	9.7	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.213 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX032670.D
 Acq: 09 Nov 2022 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBL01



Tgt Ion:	180	Resp:	415
Ion	Ratio	Lower	Upper
180	100		
182	108.4	47.5	142.6
145	32.0	16.9	50.6

