

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033620.D
 Acq On : 06 Jan 2023 10:54
 Operator : JC/MD
 Sample : VX0106WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBL01

Quant Time: Jan 07 04:20:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

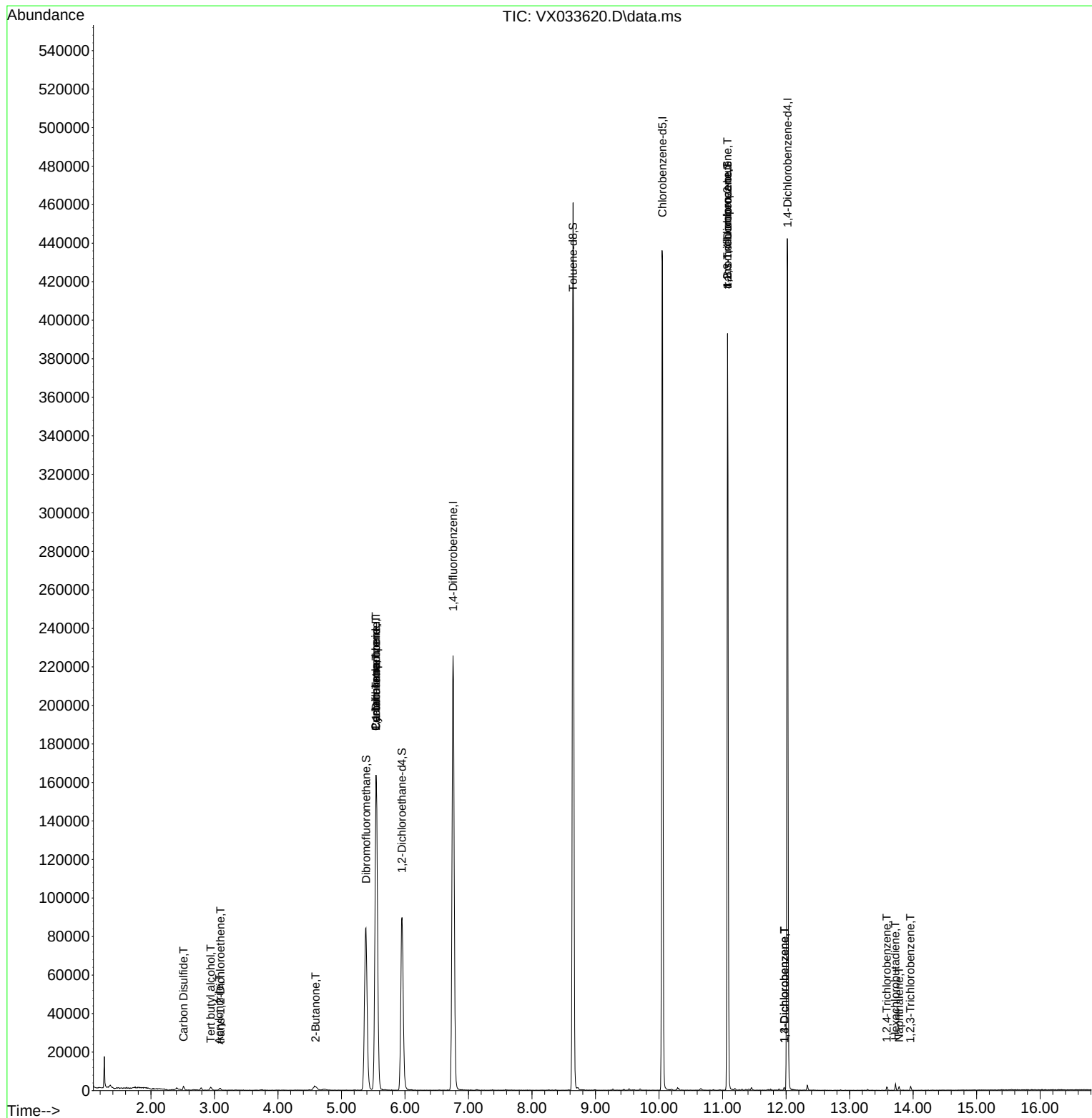
Internal Standards						
1) Pentafluorobenzene	5.544	168	167912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88959	46.931	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.860%		
35) Dibromofluoromethane	5.385	113	74406	47.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	8.647	98	273418	48.432	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.860%		
62) 4-Bromofluorobenzene	11.079	95	96275	48.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.220%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1007	3.234	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	46	Below Cal	#	74
13) Acrolein	2.245	56	51	Below Cal	#	66
15) Acrylonitrile	3.075	53	429	0.509	ug/l #	75
16) Acetone	2.404	43	1839	Below Cal		96
17) Carbon Disulfide	2.514	76	2145	2.196	ug/l	100
20) Methylene Chloride	2.788	84	517	Below Cal	#	92
21) trans-1,2-Dichloroethene	3.093	96	329	0.212	ug/l #	70
25) 2-Butanone	4.593	43	1013	0.818	ug/l	94
31) Cyclohexane	5.544	56	2988	1.132	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11373	5.316	ug/l #	50
37) Ethyl Acetate	4.733	43	1542	Below Cal	#	85
38) Carbon Tetrachloride	5.544	117	15438	6.818	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	48081	26.594	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	48081	80.716	ug/l #	7
87) 1,3-Dichlorobenzene	11.975	146	665	0.200	ug/l	91
88) 1,4-Dichlorobenzene	11.975	146	665	0.205	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	623	1.868	ug/l	96
94) Hexachlorobutadiene	13.719	225	544	0.561	ug/l	94
95) Naphthalene	13.780	128	1513	3.322	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.957	180	637	4.006	ug/l	97

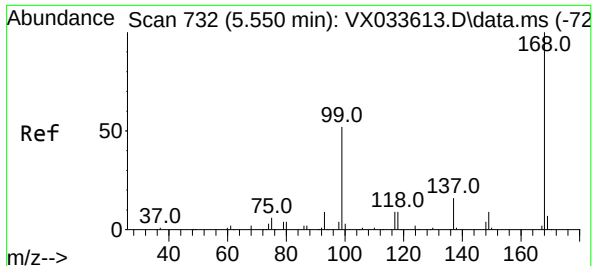
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
Data File : VX033620.D
Acq On : 06 Jan 2023 10:54
Operator : JC/MD
Sample : VX0106WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01

Quant Time: Jan 07 04:20:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:43:25 2023
Response via : Initial Calibration

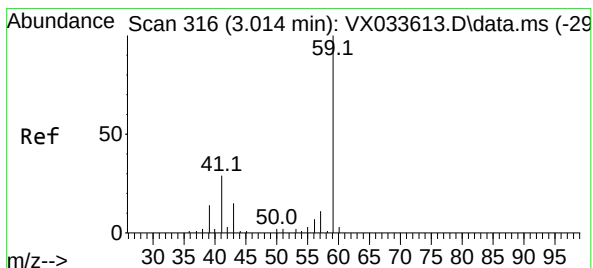
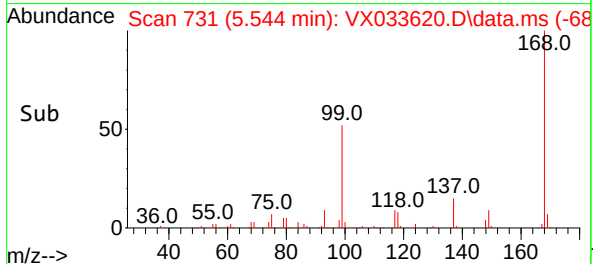
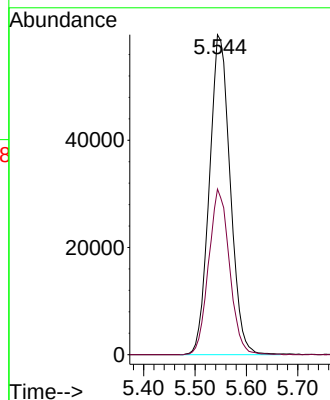
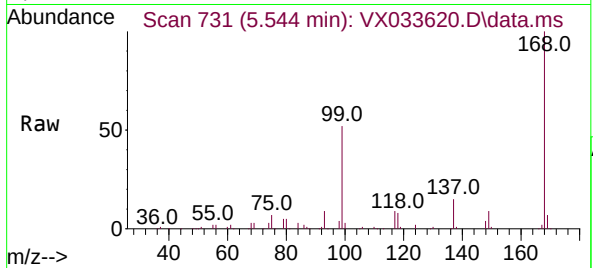




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

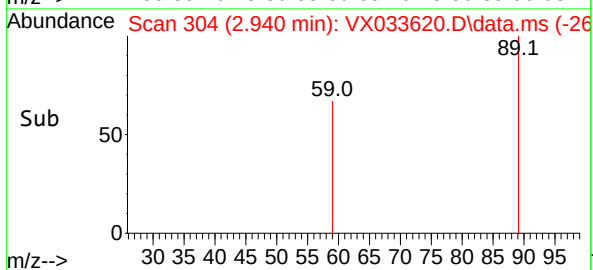
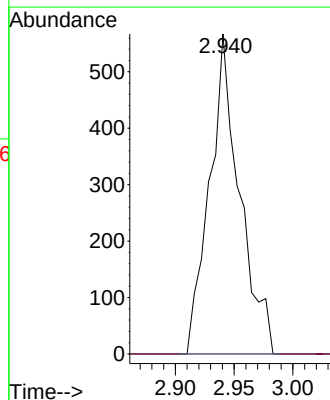
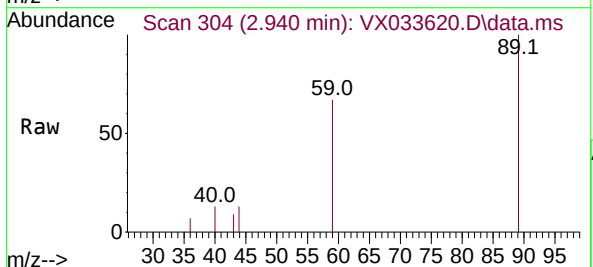
Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01

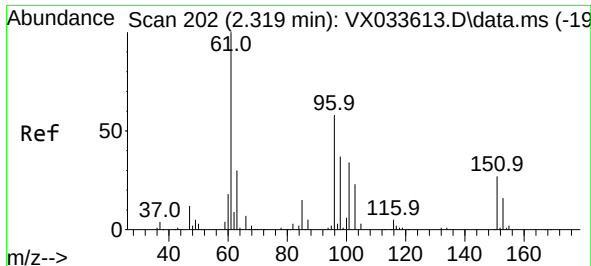
Tgt Ion:168 Resp: 167912
Ion Ratio Lower Upper
168 100
99 51.7 41.4 62.2



#11
Tert butyl alcohol
Concen: 3.234 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.073 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

Tgt Ion: 59 Resp: 1007
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#





#12

1,1-Dichloroethene

Concen: Below Cal

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX033620.D

Acq: 06 Jan 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0106WBL01

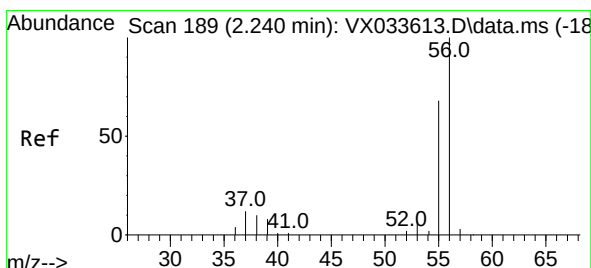
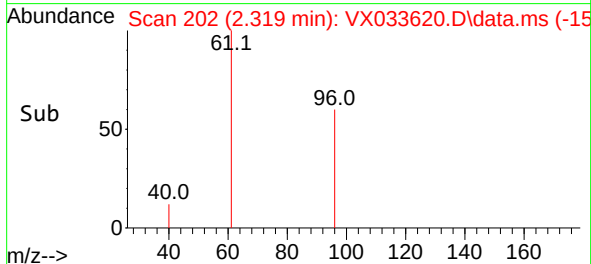
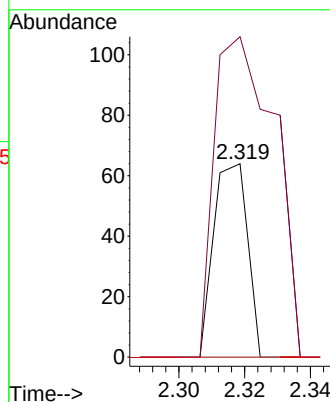
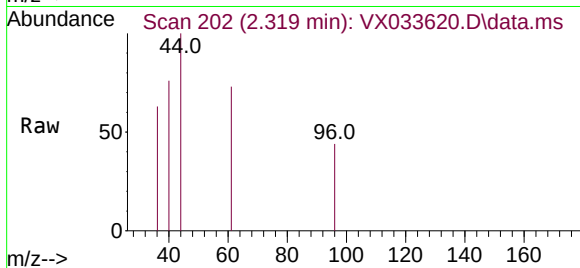
Tgt Ion: 96 Resp: 46

Ion Ratio Lower Upper

96 100

61 165.6 139.1 208.7

98 0.0 50.8 76.2#



#13

Acrolein

Concen: Below Cal

RT: 2.245 min Scan# 190

Delta R.T. 0.005 min

Lab File: VX033620.D

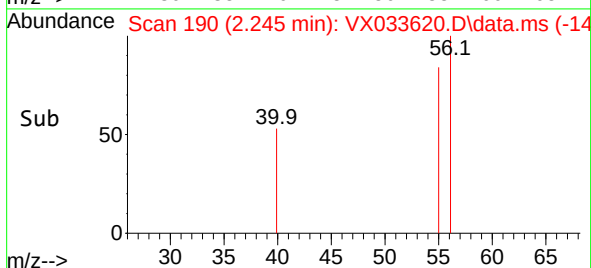
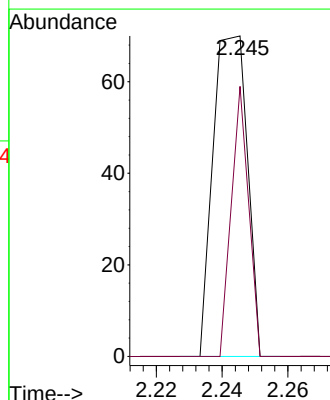
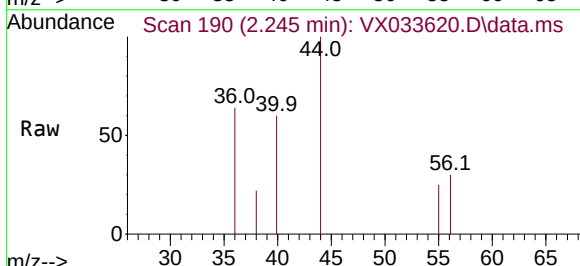
Acq: 06 Jan 2023 10:54

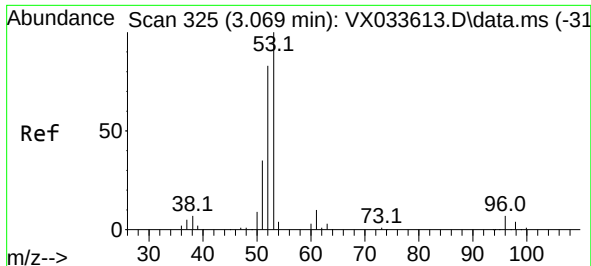
Tgt Ion: 56 Resp: 51

Ion Ratio Lower Upper

56 100

55 43.1 56.9 85.3#





#15

Acrylonitrile

Concen: 0.509 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033620.D

Acq: 06 Jan 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0106WBL01

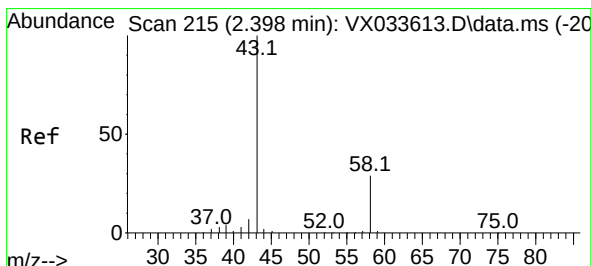
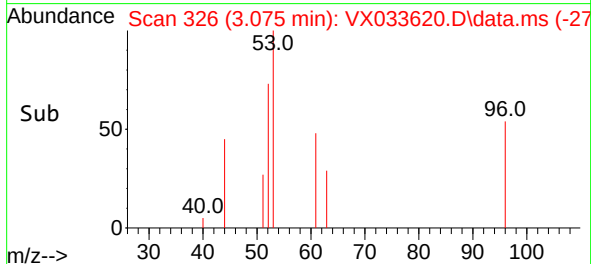
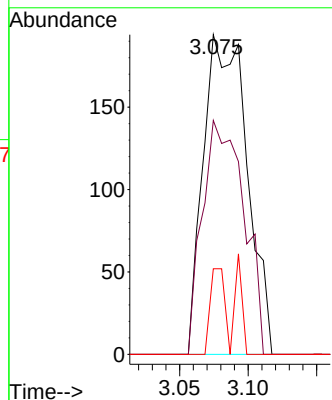
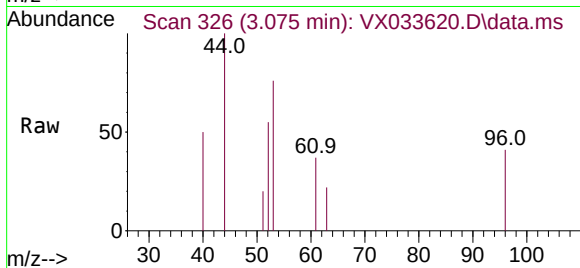
Tgt Ion: 53 Resp: 429

Ion Ratio Lower Upper

53 100

52 69.7 66.7 100.1

51 8.9 29.8 44.8#



#16

Acetone

Concen: Below Cal

RT: 2.404 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX033620.D

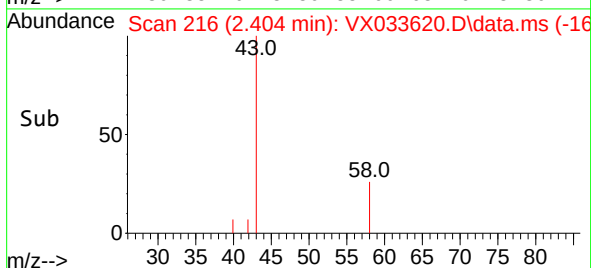
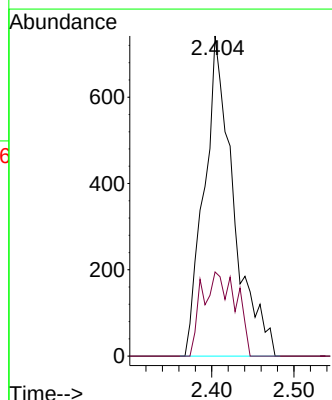
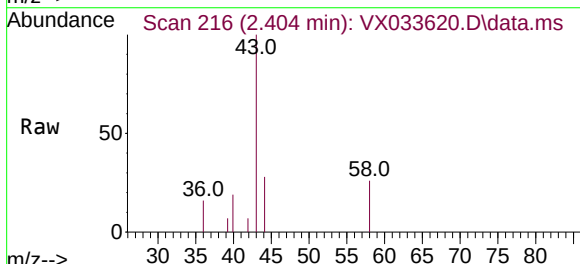
Acq: 06 Jan 2023 10:54

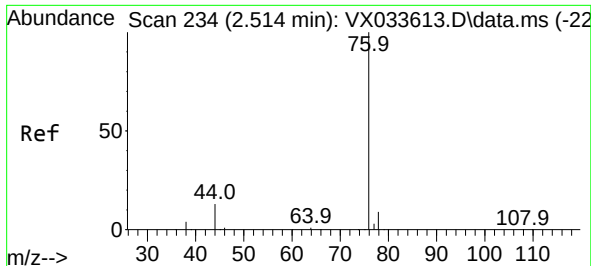
Tgt Ion: 43 Resp: 1839

Ion Ratio Lower Upper

43 100

58 26.3 22.9 34.3





#17

Carbon Disulfide

Concen: 2.196 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033620.D

Acq: 06 Jan 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

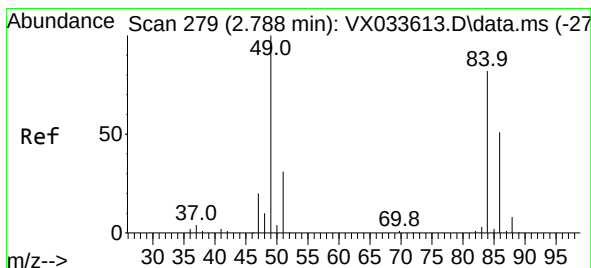
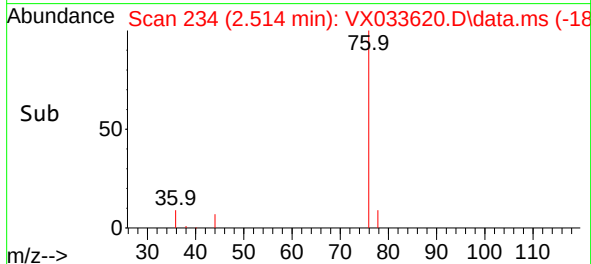
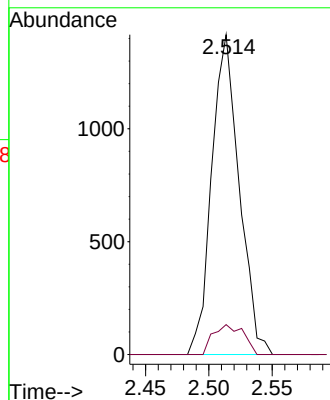
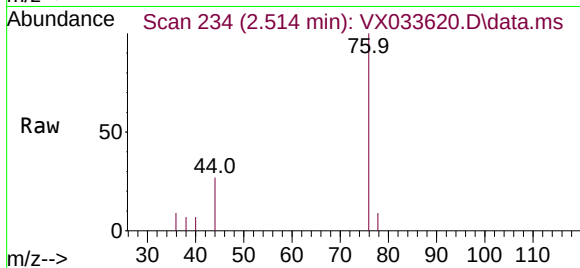
VX0106WBL01

Tgt Ion: 76 Resp: 2145

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033620.D

Acq: 06 Jan 2023 10:54

Tgt Ion: 84 Resp: 517

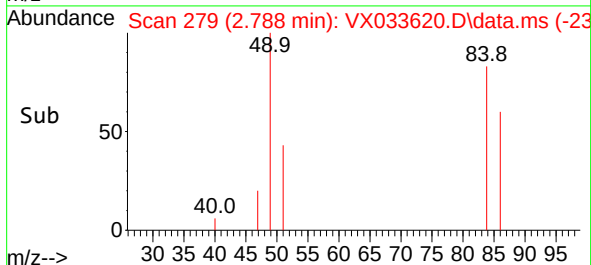
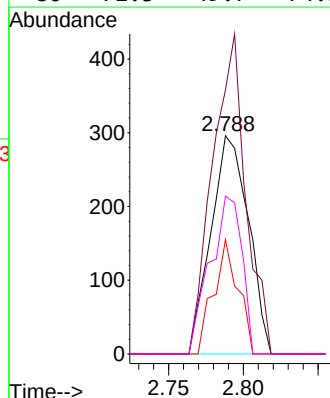
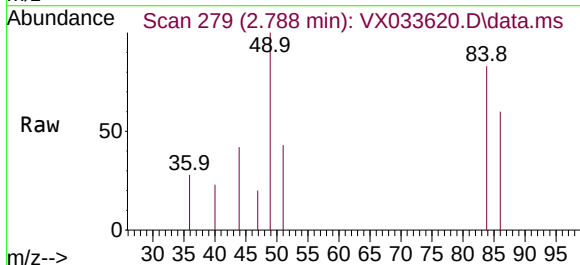
Ion Ratio Lower Upper

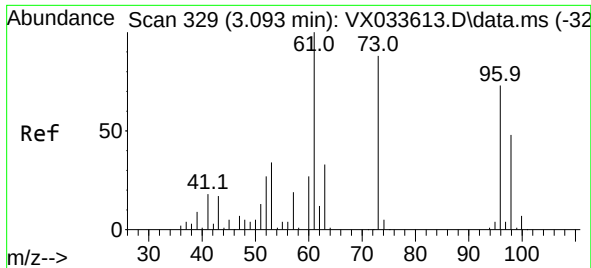
84 100

49 120.9 97.6 146.4

51 52.4 30.4 45.6#

86 72.3 49.7 74.5

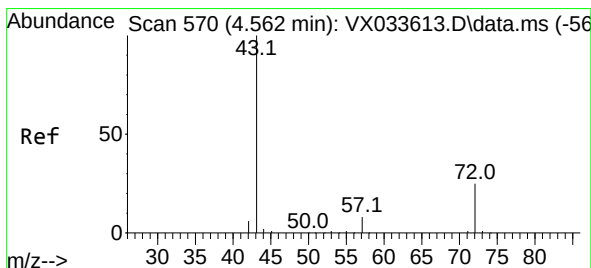
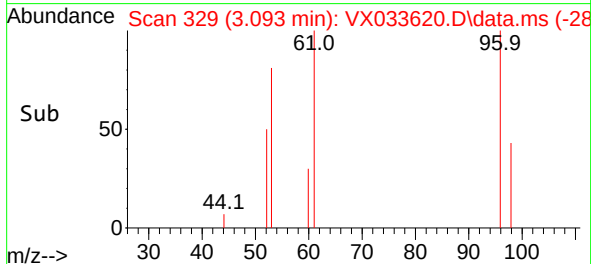
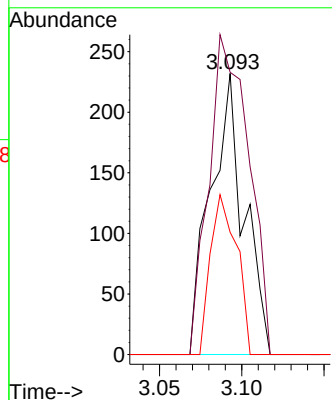
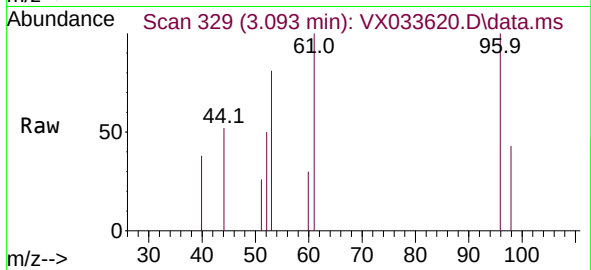




#21
trans-1,2-Dichloroethene
Concen: 0.212 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

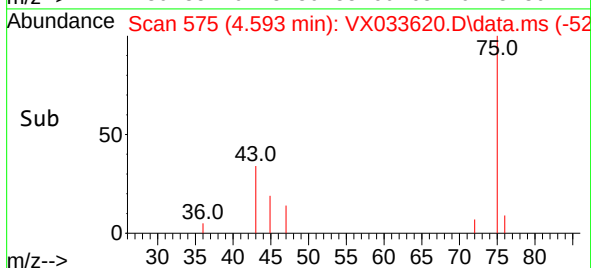
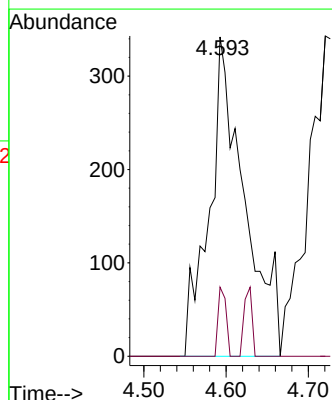
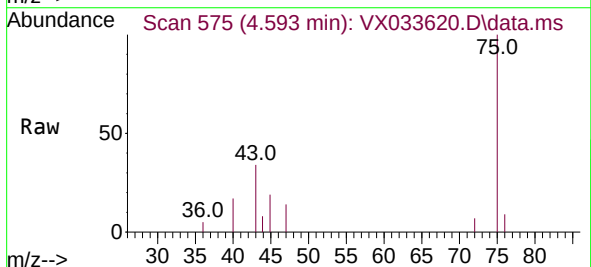
Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01

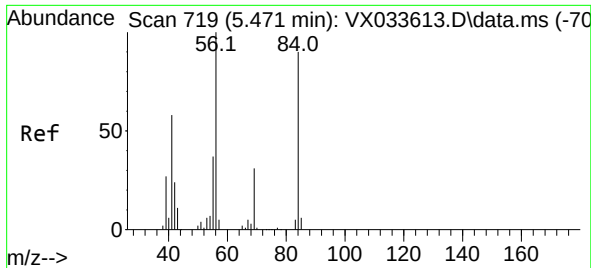
Tgt Ion: 96 Resp: 329
Ion Ratio Lower Upper
96 100
61 100.4 109.7 164.5#
98 43.5 52.2 78.2#



#25
2-Butanone
Concen: 0.818 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.030 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

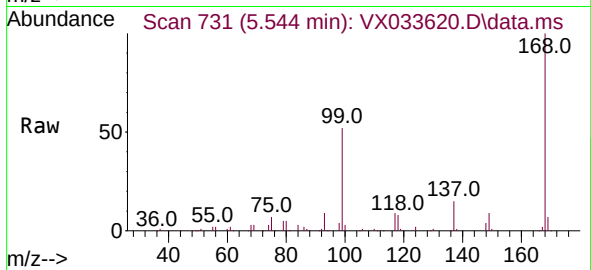
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
72 21.6 19.8 29.6





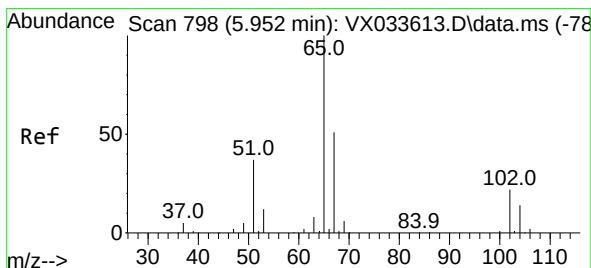
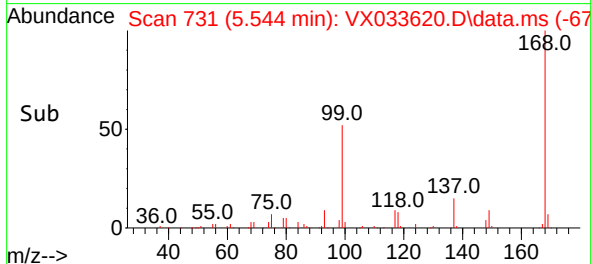
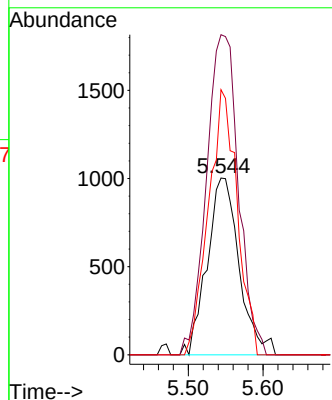
#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01



Tgt Ion: 56 Resp: 2988

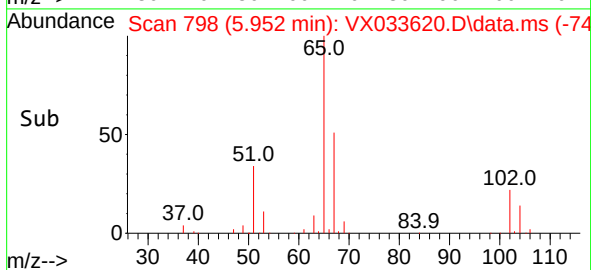
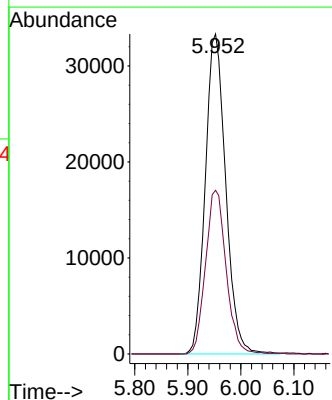
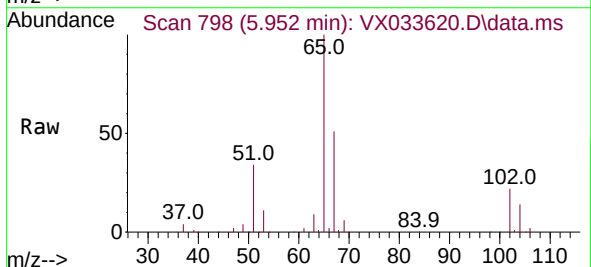
Ion	Ratio	Lower	Upper
56	100		
69	181.1	24.6	36.8#
84	150.0	72.2	108.2#

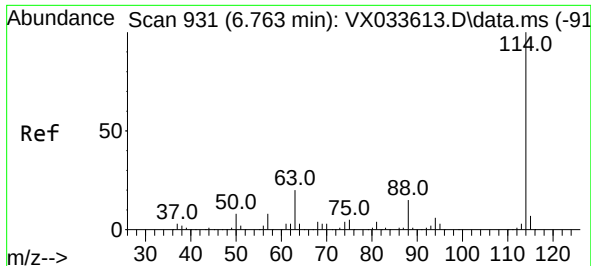


#33
1,2-Dichloroethane-d4
Concen: 46.931 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

Tgt Ion: 65 Resp: 88959

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033620.D

Acq: 06 Jan 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0106WBL01

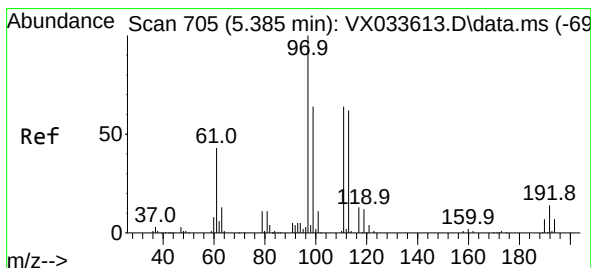
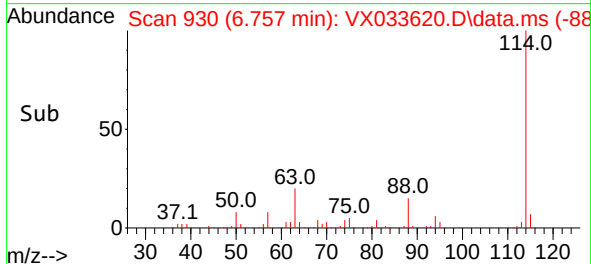
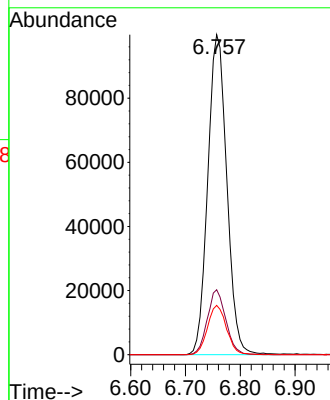
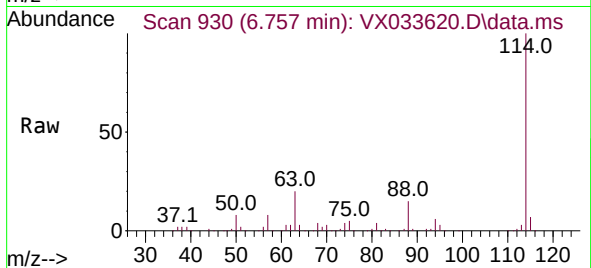
Tgt Ion:114 Resp: 240297

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.109 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033620.D

Acq: 06 Jan 2023 10:54

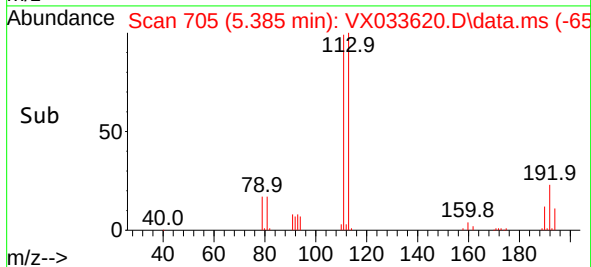
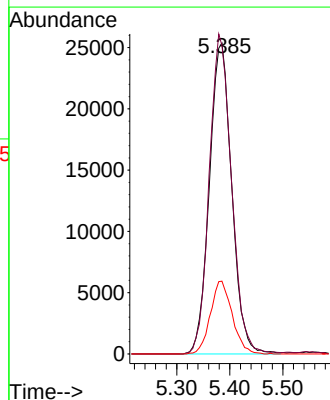
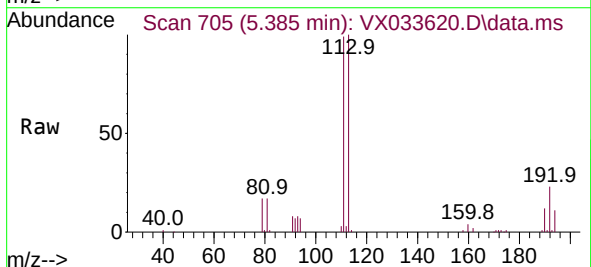
Tgt Ion:113 Resp: 74406

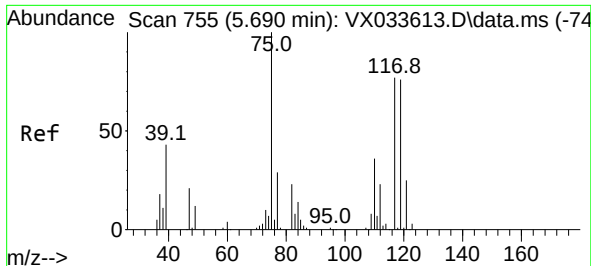
Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

192 22.8 18.2 27.2

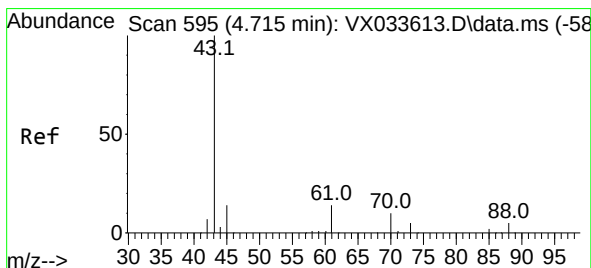
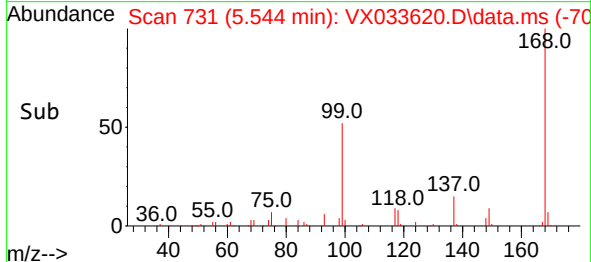
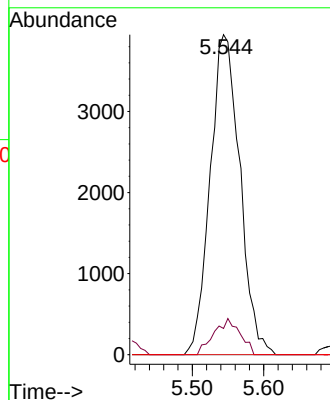
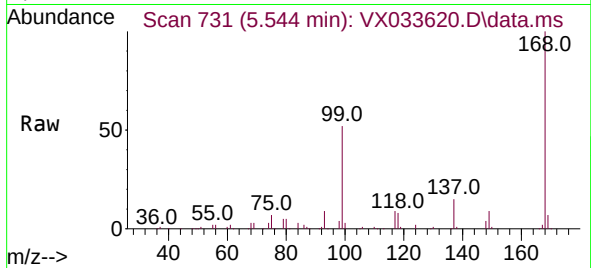




#36
1,1-Dichloropropene
Concen: 5.316 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

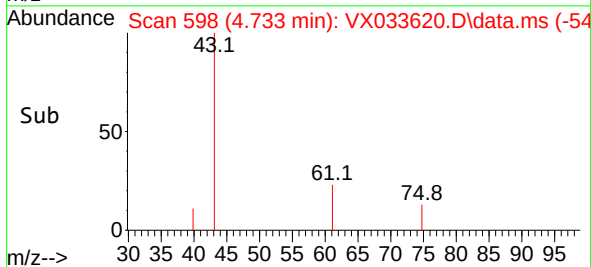
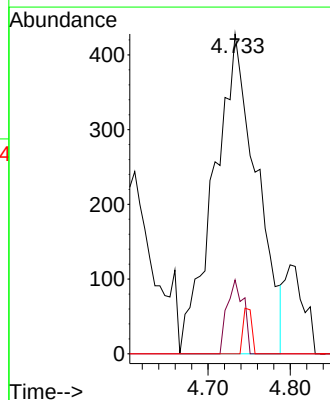
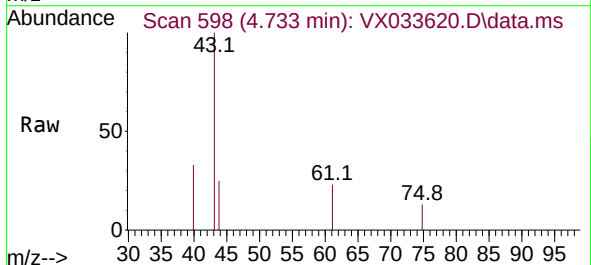
Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01

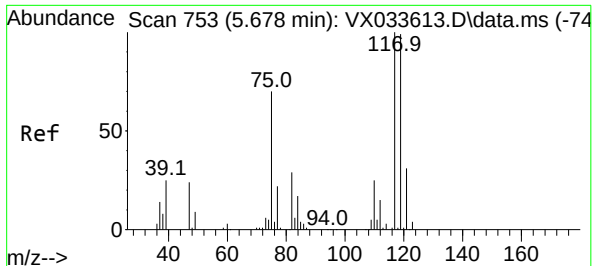
Tgt Ion: 75 Resp: 11373
Ion Ratio Lower Upper
75 100
110 9.9 18.0 54.0#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

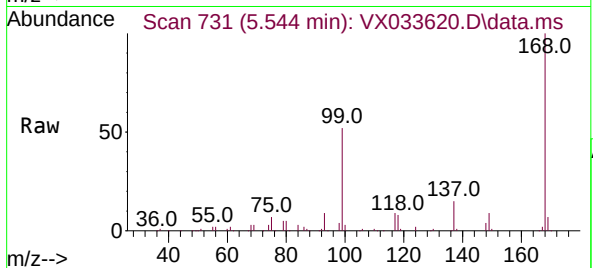
Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
61 8.9 10.6 16.0#
70 2.9 8.1 12.1#



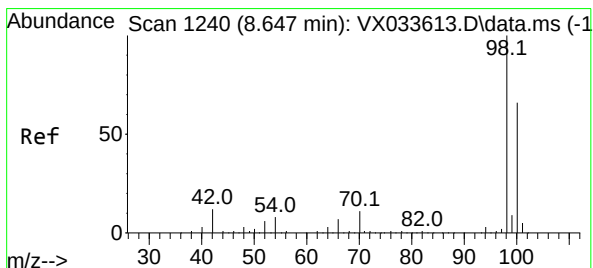
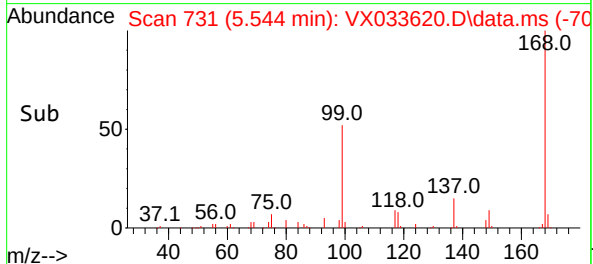
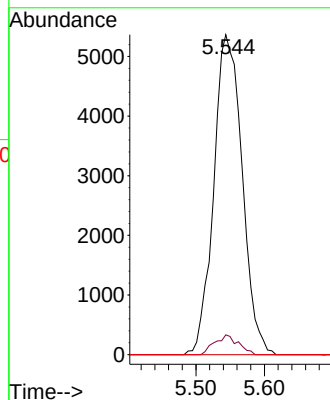


#38
Carbon Tetrachloride
Concen: 6.818 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01

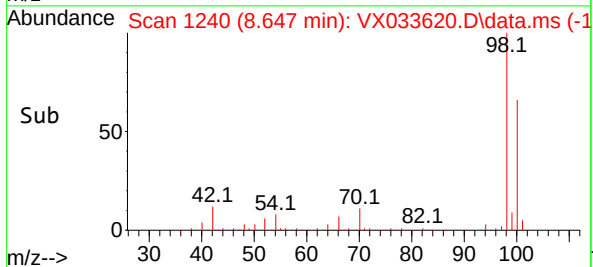
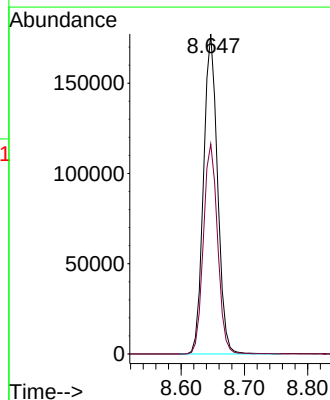
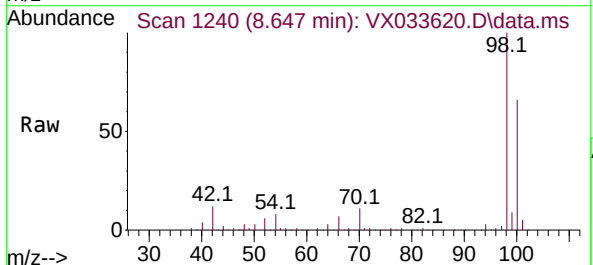


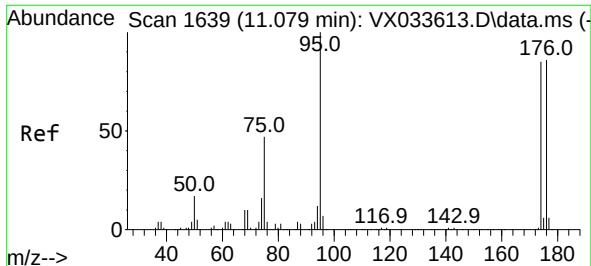
Tgt Ion:117 Resp: 15438
Ion Ratio Lower Upper
117 100
119 6.2 78.8 118.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.432 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

Tgt Ion: 98 Resp: 273418
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

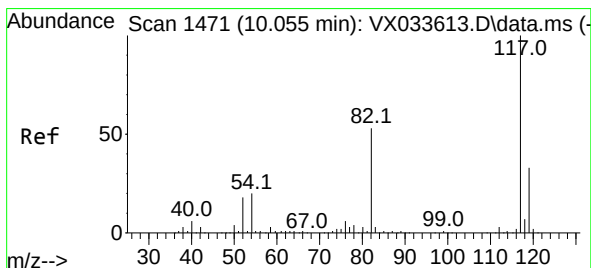
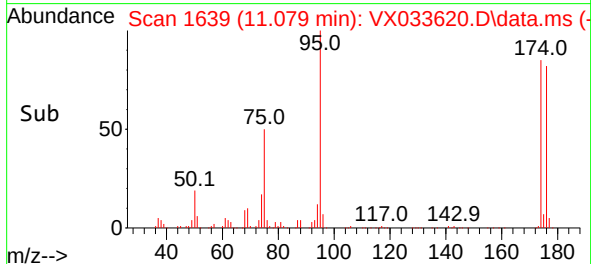
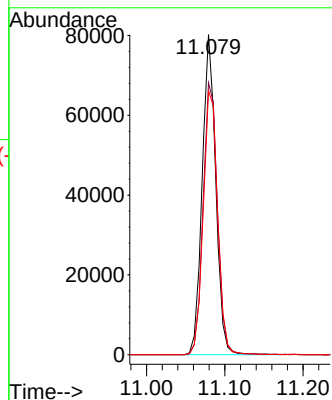
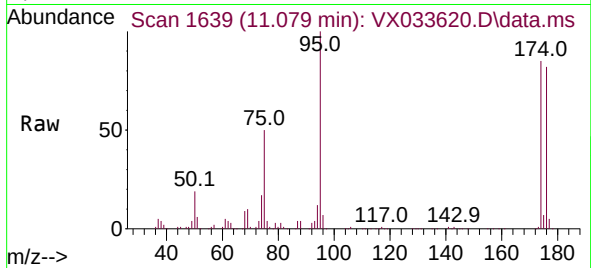




#62
4-Bromofluorobenzene
Concen: 48.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

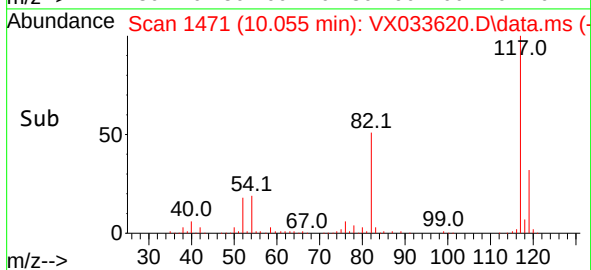
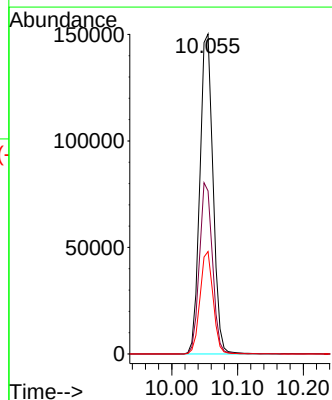
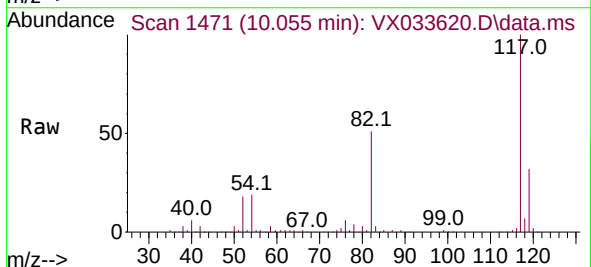
Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01

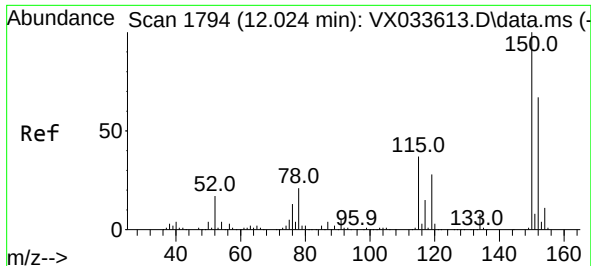
Tgt Ion: 95 Resp: 96275
Ion Ratio Lower Upper
95 100
174 90.0 0.0 180.4
176 87.8 0.0 176.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

Tgt Ion: 117 Resp: 209059
Ion Ratio Lower Upper
117 100
82 50.9 42.2 63.2
119 32.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033620.D

Acq: 06 Jan 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0106WBL01

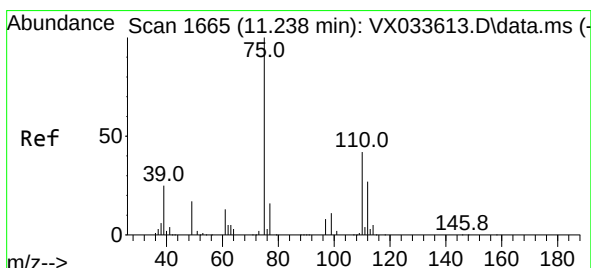
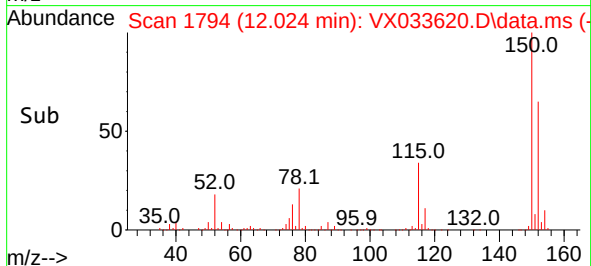
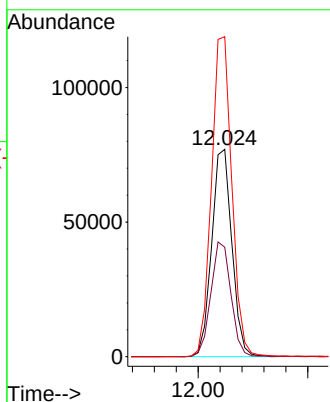
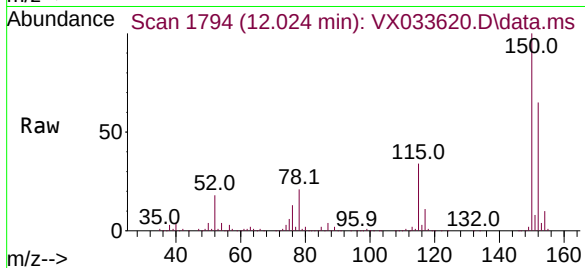
Tgt Ion:152 Resp: 98687

Ion Ratio Lower Upper

152 100

115 54.9 38.5 115.5

150 156.0 0.0 340.4



#76

1,2,3-Trichloropropane

Concen: 26.594 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033620.D

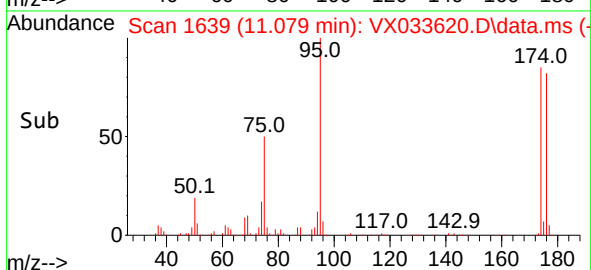
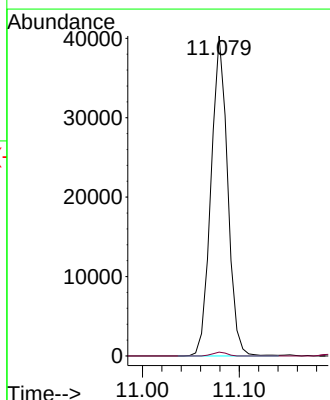
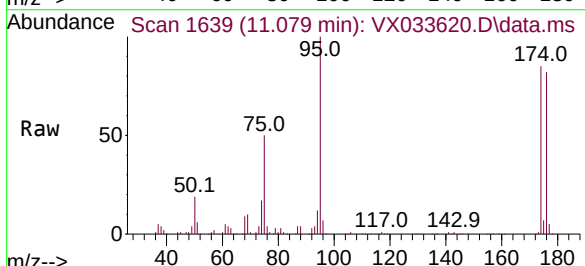
Acq: 06 Jan 2023 10:54

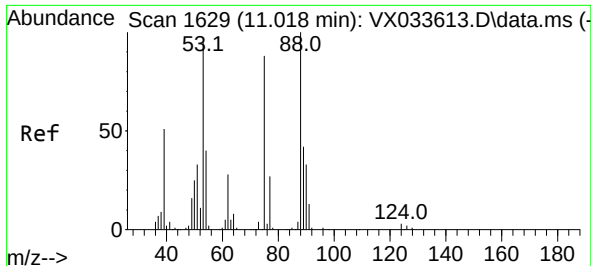
Tgt Ion: 75 Resp: 48081

Ion Ratio Lower Upper

75 100

77 1.0 21.3 63.9#

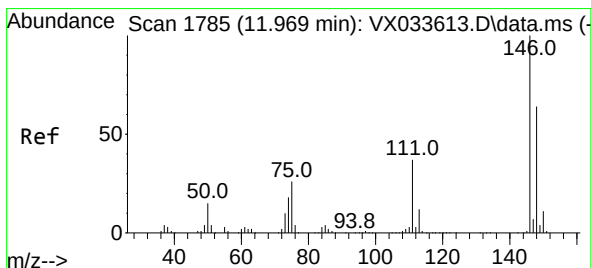
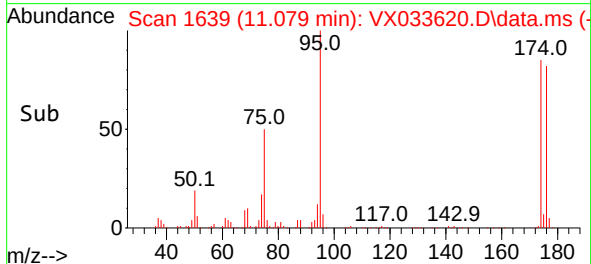
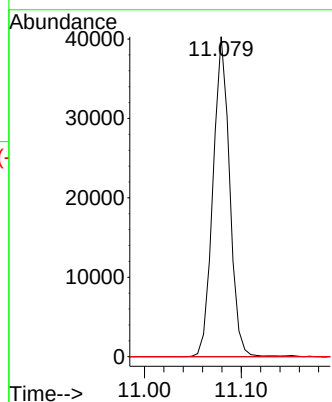
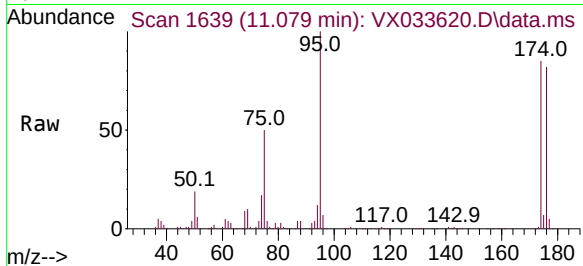




#81
trans-1,4-Dichloro-2-butene
Concen: 80.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

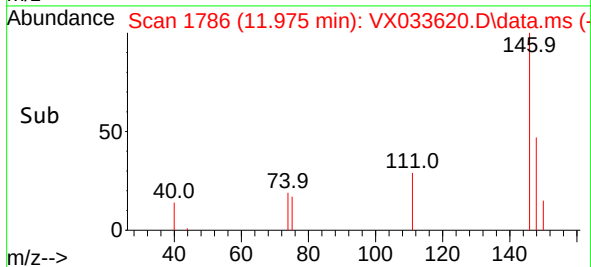
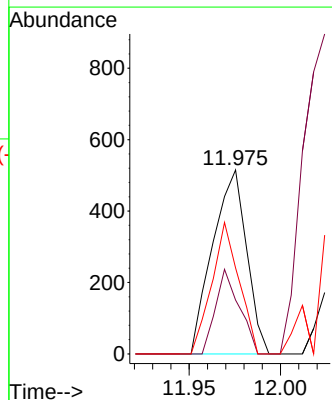
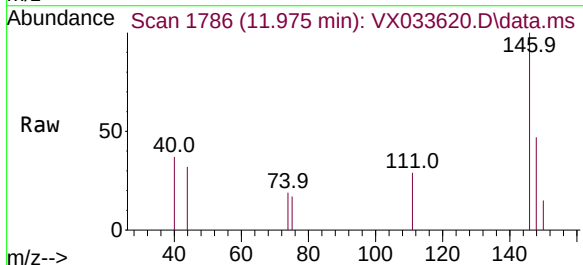
Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01

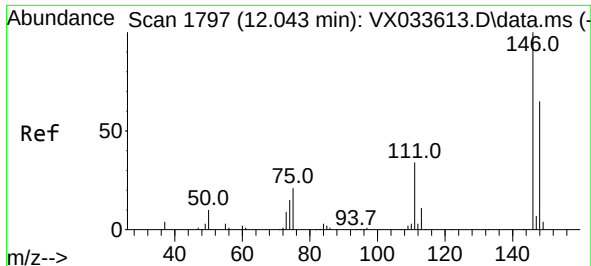
Tgt Ion: 75 Resp: 48081
Ion Ratio Lower Upper
75 100
53 0.0 86.4 129.6#
89 0.0 37.4 56.2#



#87
1,3-Dichlorobenzene
Concen: 0.200 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

Tgt Ion:146 Resp: 665
Ion Ratio Lower Upper
146 100
111 32.2 18.9 56.5
148 57.6 32.0 96.0

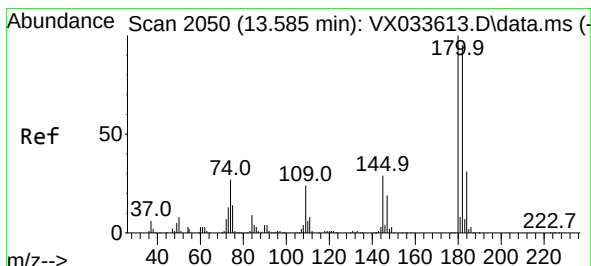
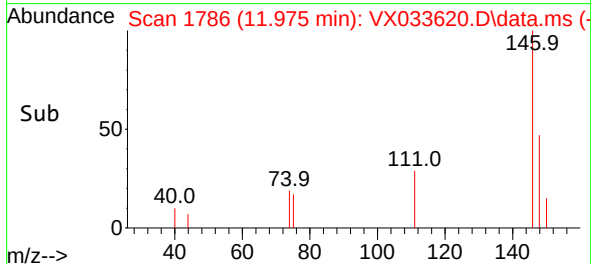
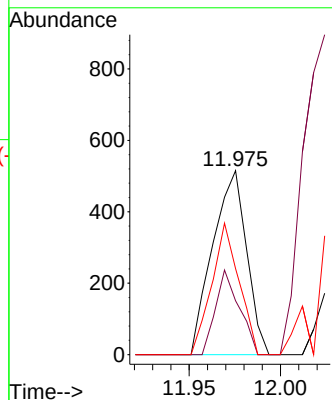
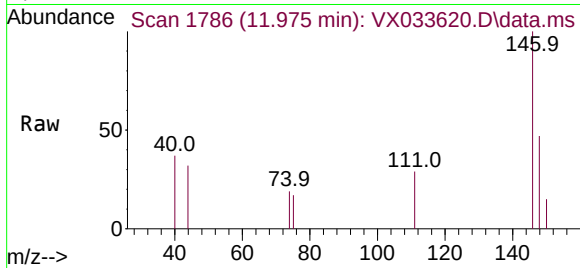




#88
 1,4-Dichlorobenzene
 Concen: 0.205 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. -0.067 min
 Lab File: VX033620.D
 Acq: 06 Jan 2023 10:54

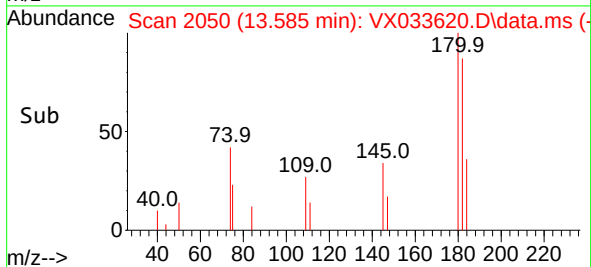
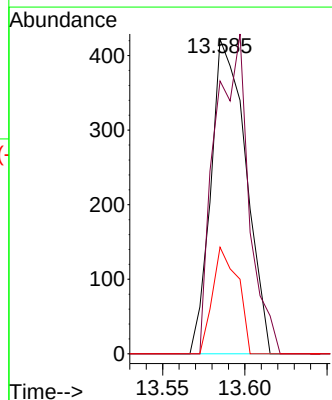
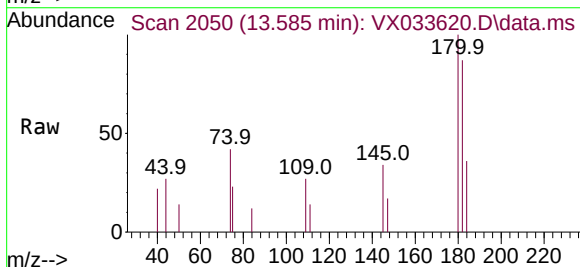
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBL01

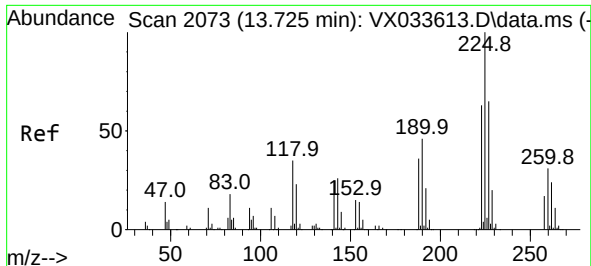
Tgt Ion:146	Resp:	665	
Ion	Ratio	Lower	Upper
146	100		
111	32.2	18.2	54.6
148	57.6	32.2	96.6



#93
 1,2,4-Trichlorobenzene
 Concen: 1.868 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX033620.D
 Acq: 06 Jan 2023 10:54

Tgt Ion:180	Resp:	623	
Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.4	142.2
145	24.6	14.1	42.2

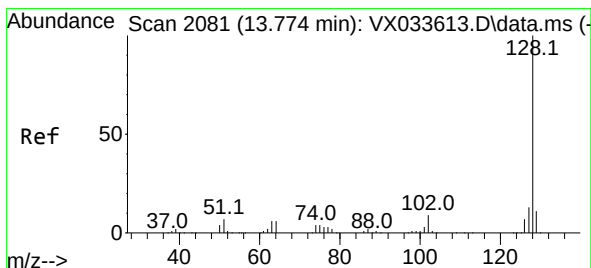
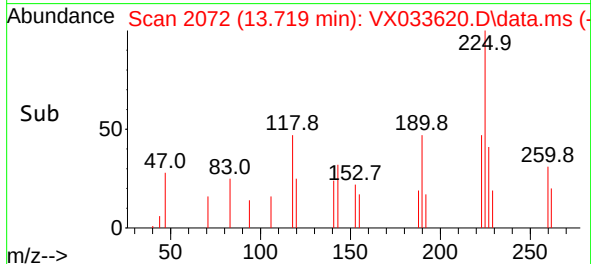
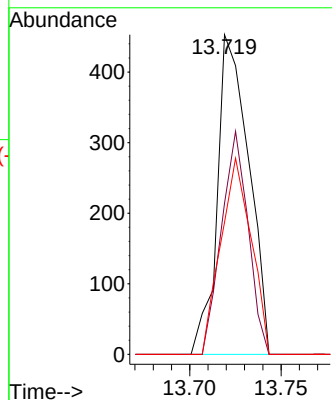
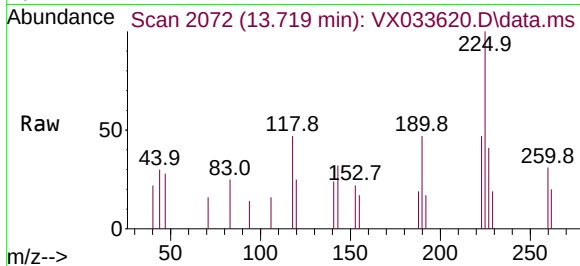




#94
Hexachlorobutadiene
Concen: 0.561 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

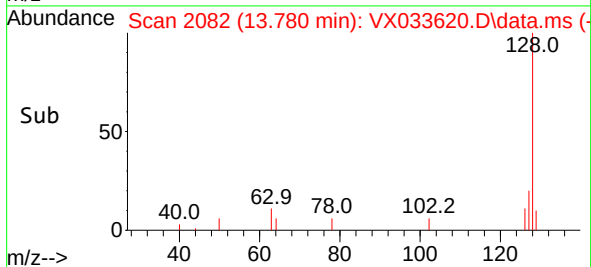
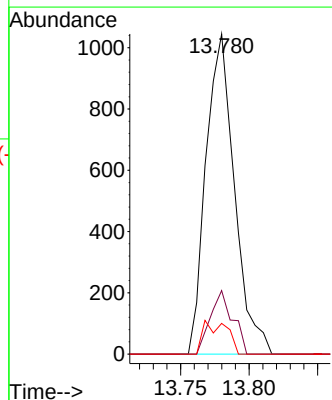
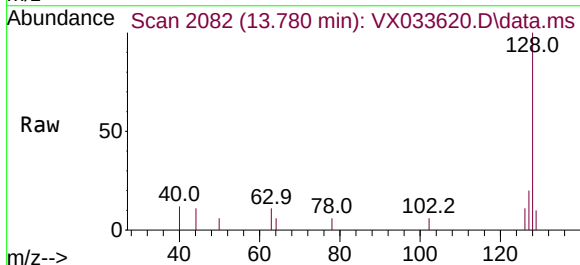
Instrument :
MSVOA_X
ClientSampleId :
VX0106WBL01

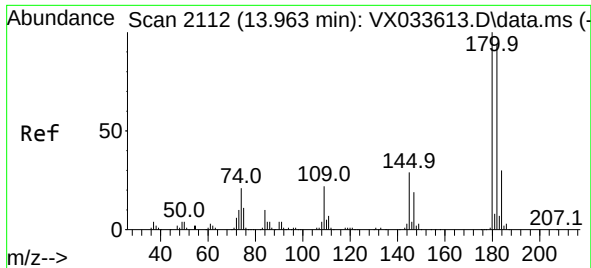
Tgt Ion:225 Resp: 544
Ion Ratio Lower Upper
225 100
223 59.0 31.4 94.3
227 59.0 31.9 95.5



#95
Naphthalene
Concen: 3.322 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033620.D
Acq: 06 Jan 2023 10:54

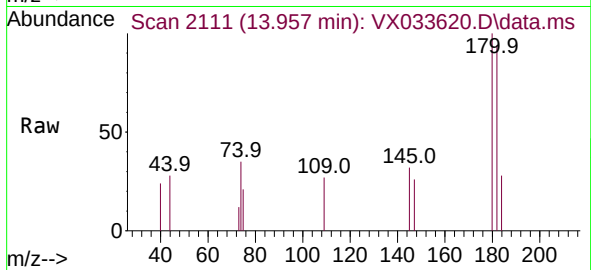
Tgt Ion:128 Resp: 1513
Ion Ratio Lower Upper
128 100
127 15.6 10.3 15.5#
129 8.7 9.0 13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.006 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX033620.D
 Acq: 06 Jan 2023 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBL01



Tgt Ion:180 Resp: 637

Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.2	141.6
145	24.6	15.0	45.0

