

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033059.D
 Acq On : 25 Nov 2022 11:45
 Operator : JC/MD
 Sample : VX1125WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBL01

Quant Time: Nov 28 00:44:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

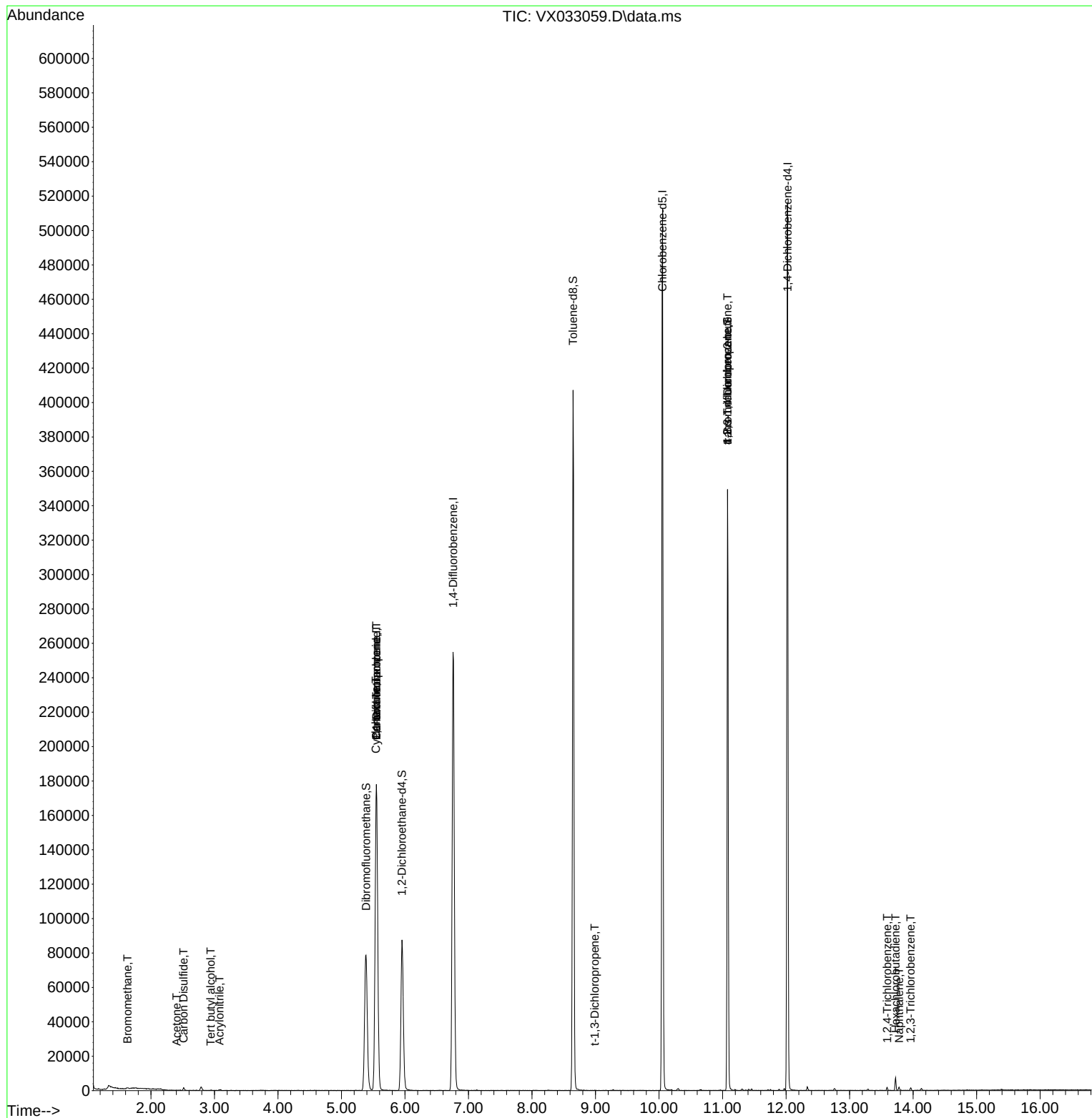
Internal Standards						
1) Pentafluorobenzene	5.550	168	167859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	263507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87184	53.364	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.720%			
35) Dibromofluoromethane	5.385	113	70427	47.408	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.820%			
50) Toluene-d8	8.647	98	239432	53.728	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.460%			
62) 4-Bromofluorobenzene	11.079	95	87090	44.629	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.260%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	291	0.255	ug/l #	67
11) Tert butyl alcohol	2.941	59	57	0.220	ug/l #	72
15) Acrylonitrile	3.081	53	171	0.233	ug/l #	58
16) Acetone	2.404	43	234	0.307	ug/l #	45
17) Carbon Disulfide	2.514	76	1697	0.419	ug/l	99
20) Methylene Chloride	2.788	84	978	Below Cal		89
31) Cyclohexane	5.544	56	3705	1.399	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	13187	5.552	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17515	6.647	ug/l #	15
53) t-1,3-Dichloropropene	8.988	75	80	1.546	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	46979	22.652	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46979	73.629	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	619	0.286	ug/l	92
94) Hexachlorobutadiene	13.725	225	1091	1.142	ug/l	96
95) Naphthalene	13.780	128	1722	0.246	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	512	0.236	ug/l	97

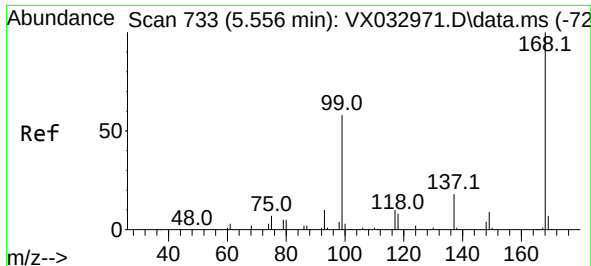
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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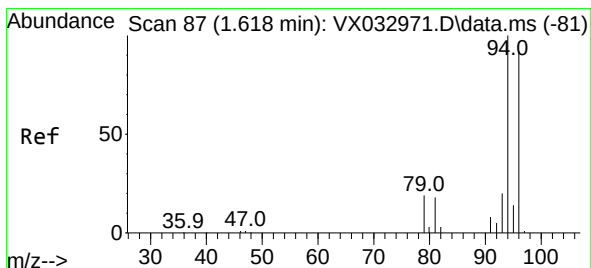
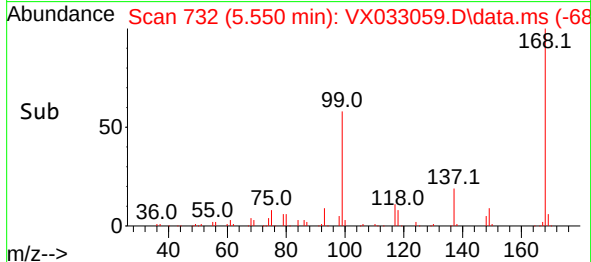
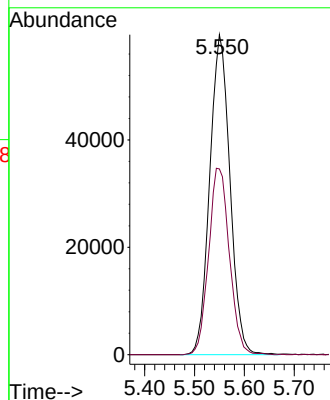
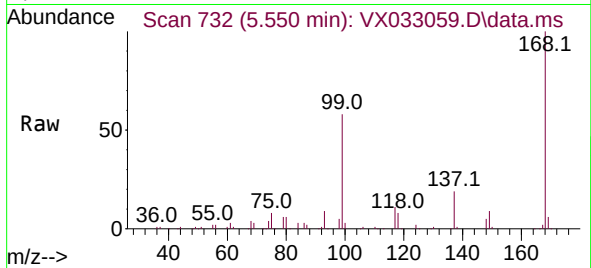




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

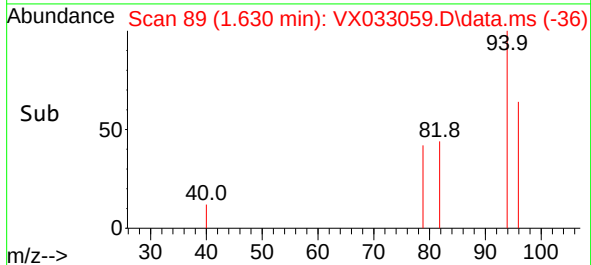
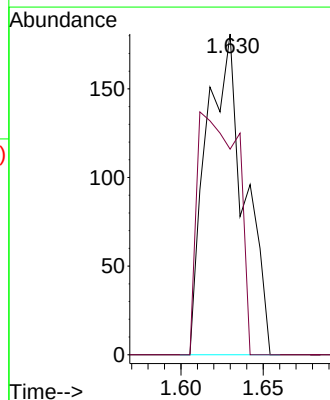
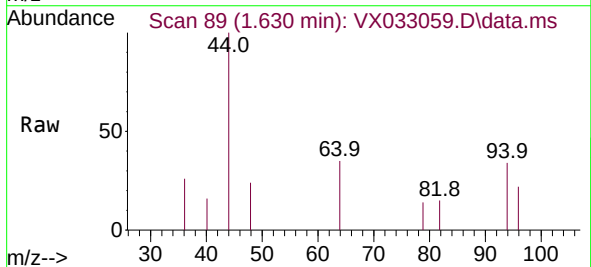
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

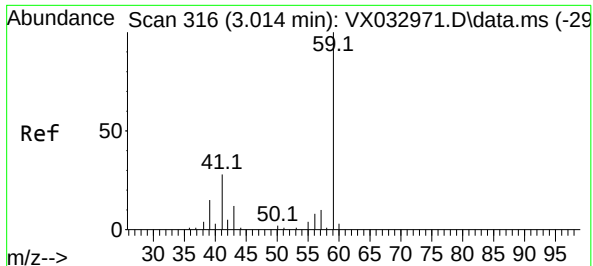
Tgt Ion:168 Resp: 167859
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#5
Bromomethane
Concen: 0.255 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.025 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 64.1 77.6 116.4#





#11

Tert butyl alcohol

Concen: 0.220 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX033059.D

Acq: 25 Nov 2022 11:45

Instrument :

MSVOA_X

ClientSampleId :

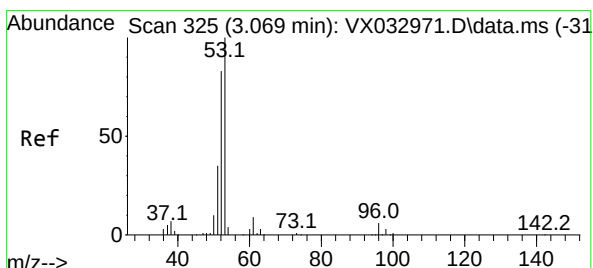
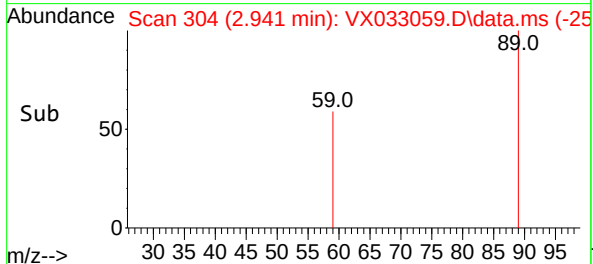
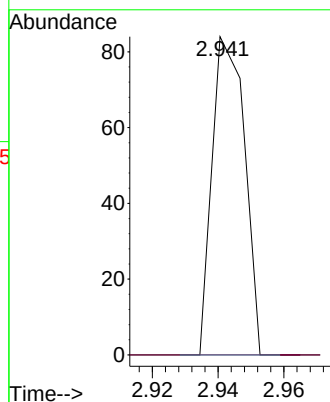
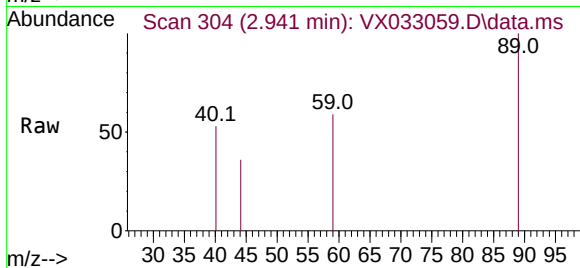
VX1125WBL01

Tgt Ion: 59 Resp: 57

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#15

Acrylonitrile

Concen: 0.233 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.019 min

Lab File: VX033059.D

Acq: 25 Nov 2022 11:45

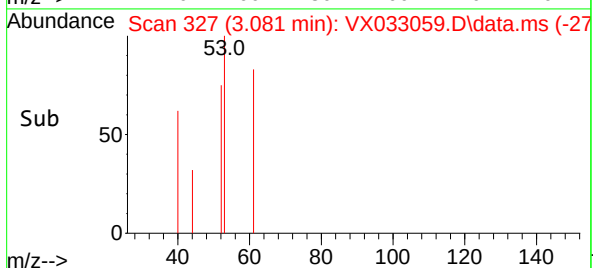
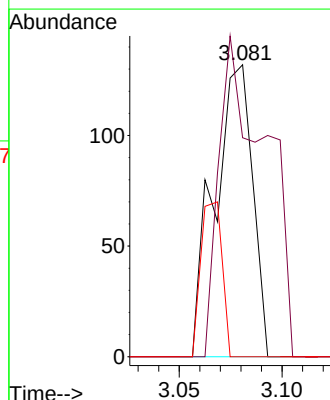
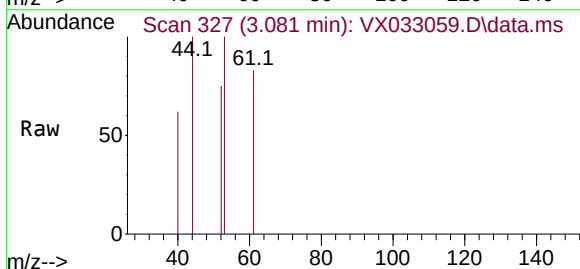
Tgt Ion: 53 Resp: 171

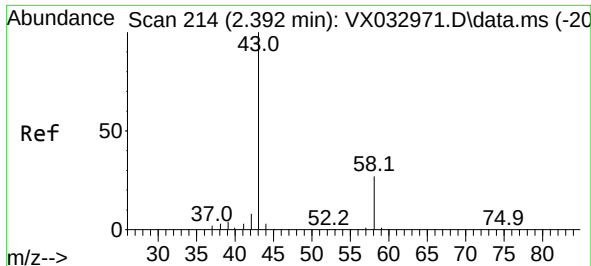
Ion Ratio Lower Upper

53 100

52 133.3 67.4 101.0#

51 29.2 30.3 45.5#

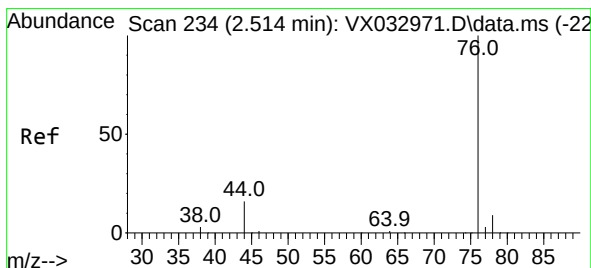
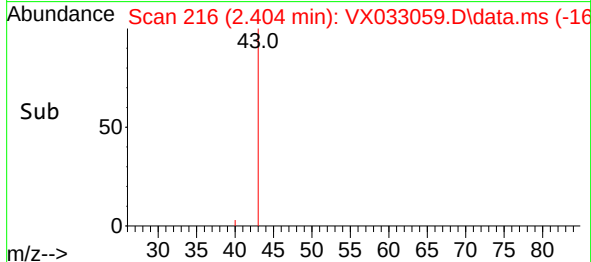
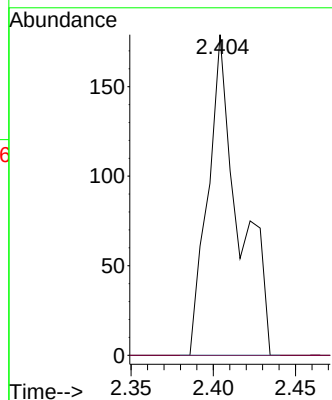
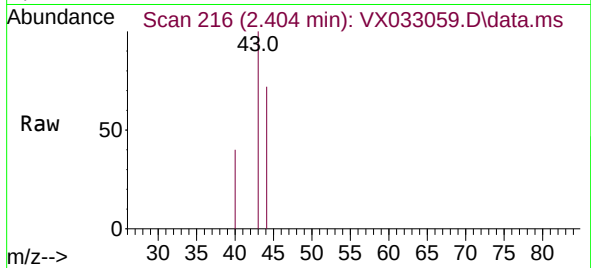




#16
Acetone
Concen: 0.307 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

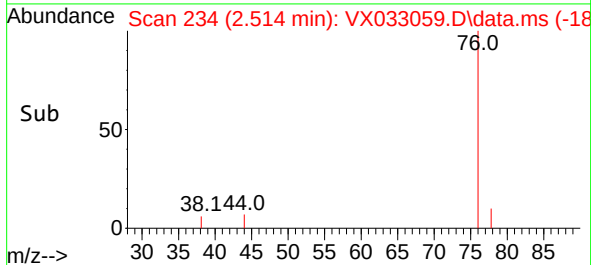
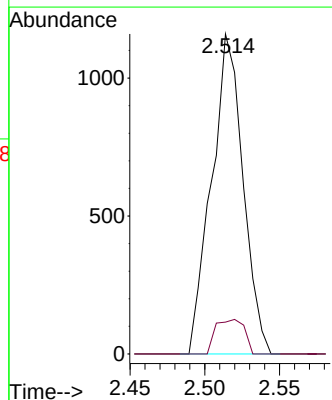
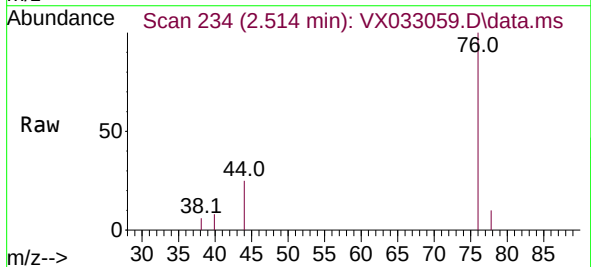
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

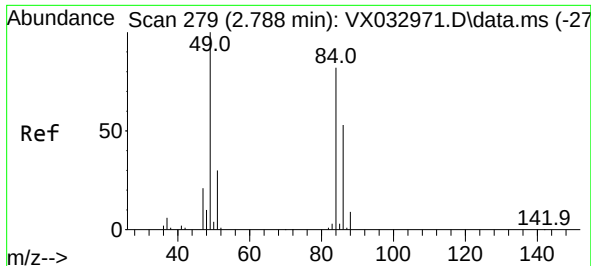
Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.419 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

Tgt Ion: 76 Resp: 1697
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3

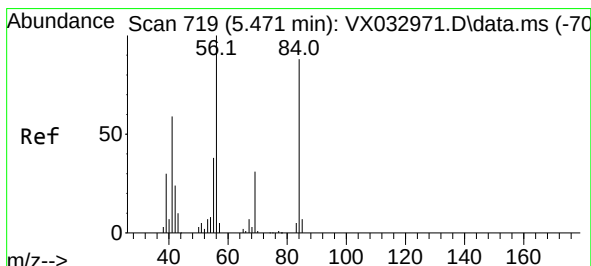
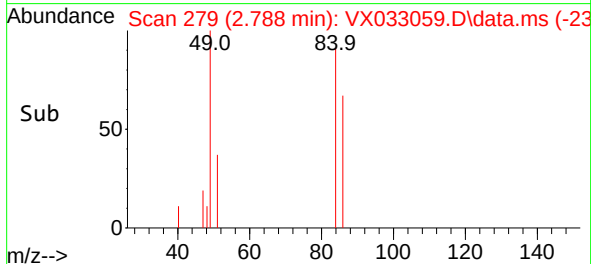
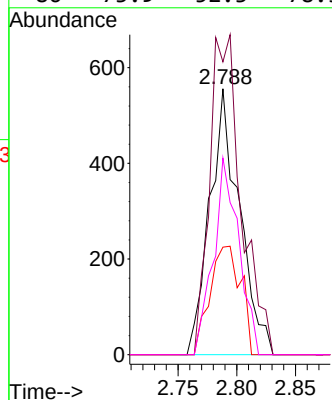
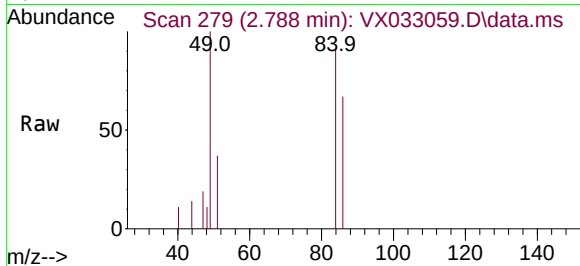




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

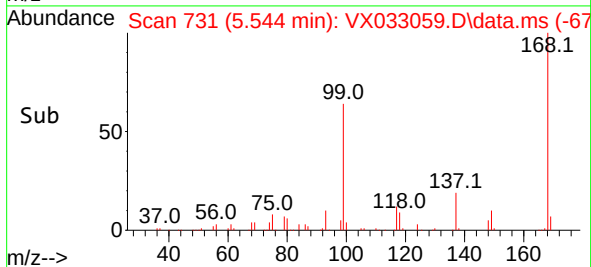
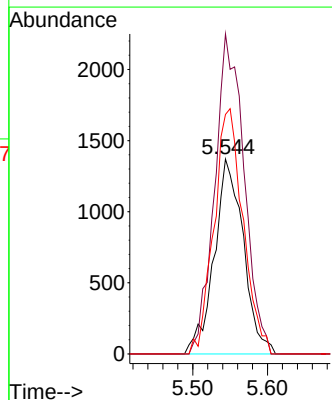
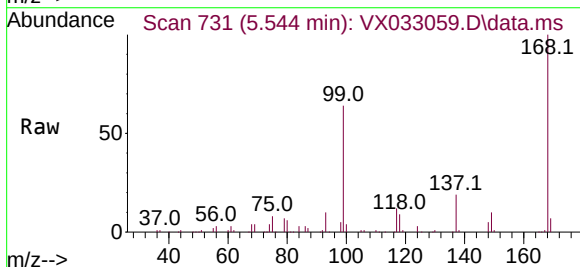
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

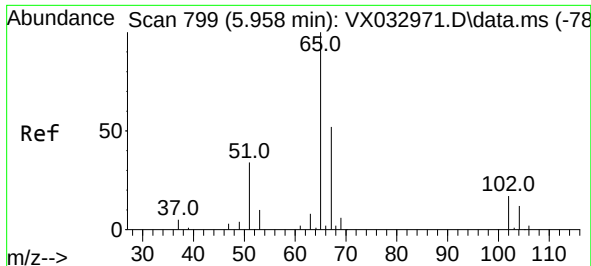
Tgt Ion:	84	Resp:	978
Ion	Ratio	Lower	Upper
84	100		
49	110.1	101.0	151.6
51	40.5	31.1	46.7
86	73.9	52.3	78.5



#31
Cyclohexane
Concen: 1.399 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

Tgt Ion:	56	Resp:	3705
Ion	Ratio	Lower	Upper
56	100		
69	164.2	24.1	36.1#
84	122.9	66.9	100.3#

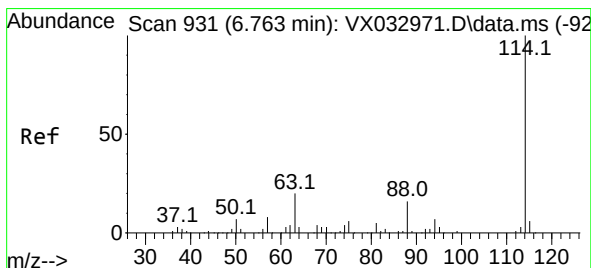
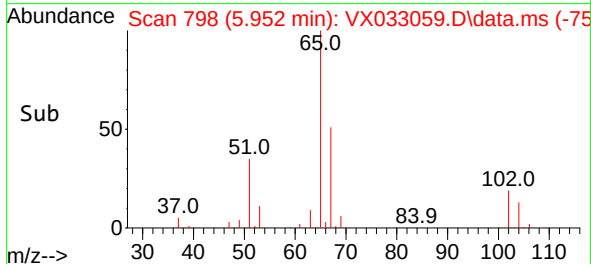
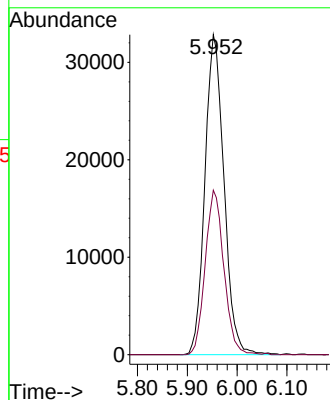
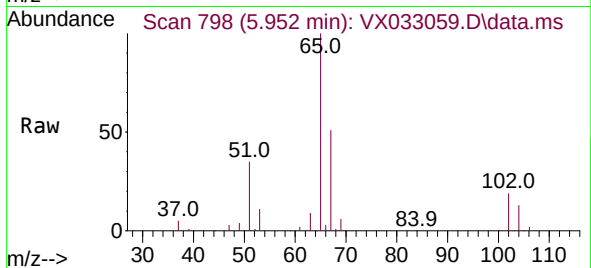




#33
 1,2-Dichloroethane-d4
 Concen: 53.364 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033059.D
 Acq: 25 Nov 2022 11:45

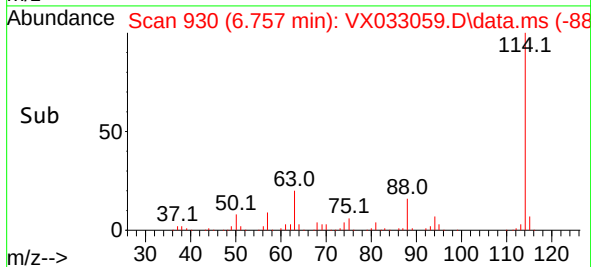
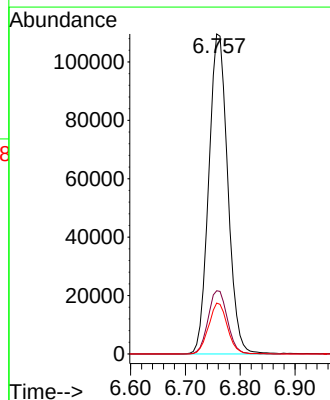
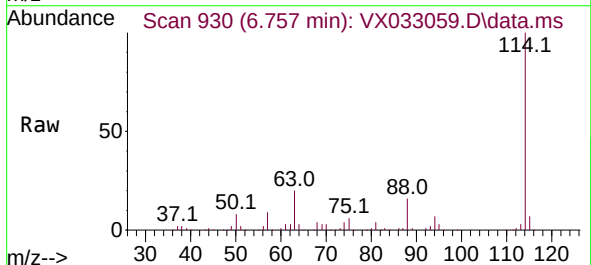
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBL01

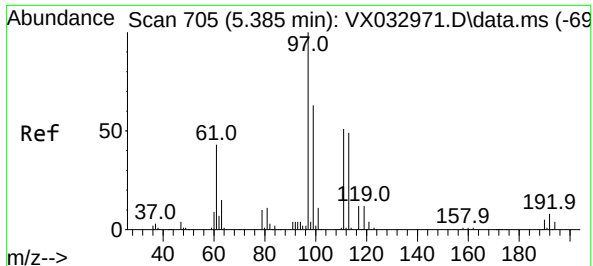
Tgt Ion: 65 Resp: 87184
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX033059.D
 Acq: 25 Nov 2022 11:45

Tgt Ion: 114 Resp: 263507
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.6
 88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.408 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033059.D

Acq: 25 Nov 2022 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBL01

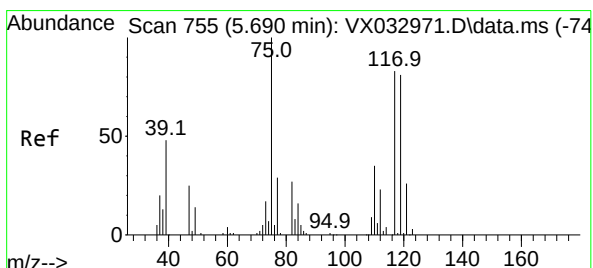
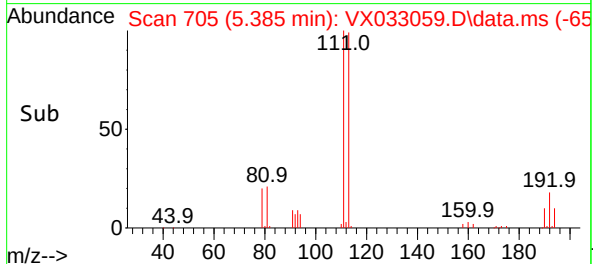
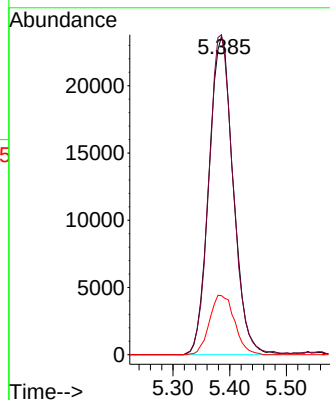
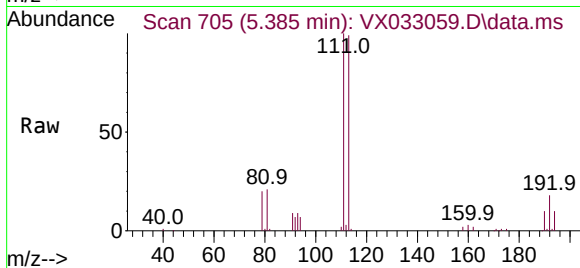
Tgt Ion:113 Resp: 70427

Ion Ratio Lower Upper

113 100

111 100.2 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.552 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033059.D

Acq: 25 Nov 2022 11:45

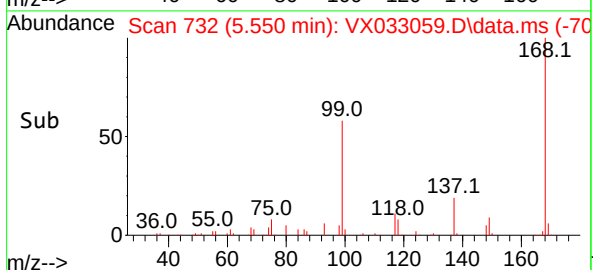
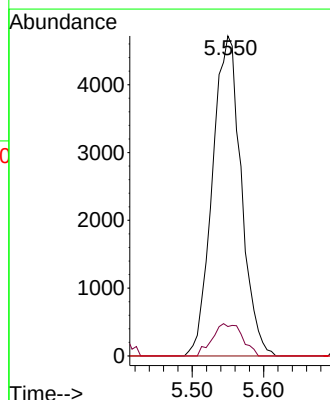
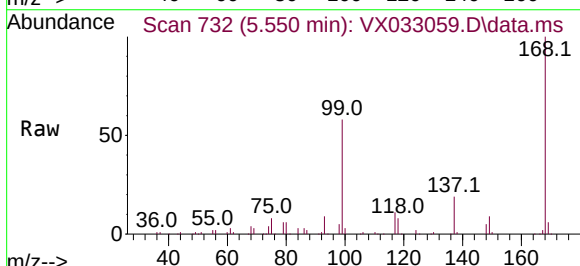
Tgt Ion: 75 Resp: 13187

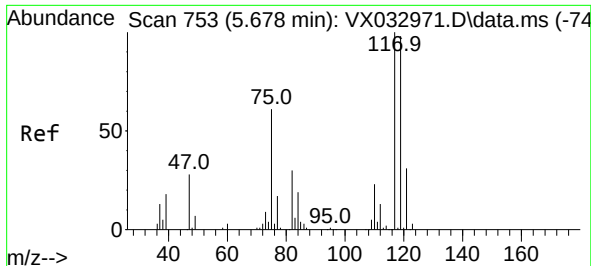
Ion Ratio Lower Upper

75 100

110 10.4 18.4 55.2#

77 0.0 24.5 36.7#

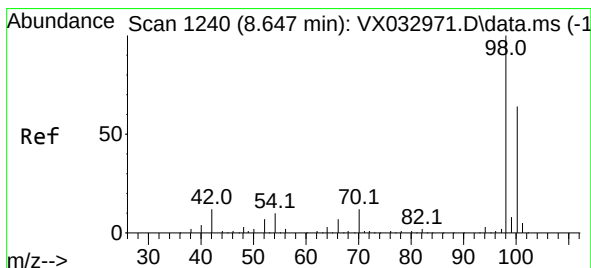
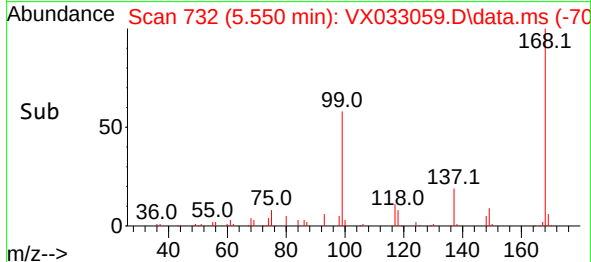
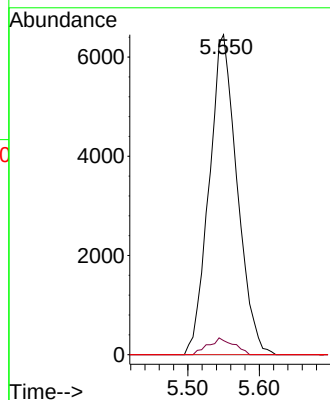
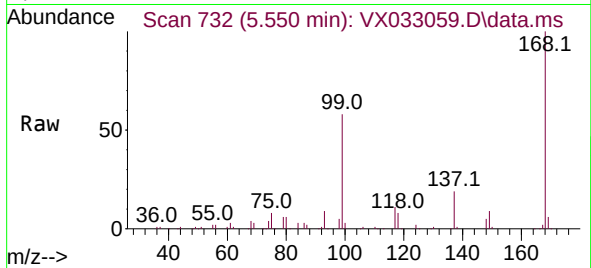




#38
Carbon Tetrachloride
Concen: 6.647 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

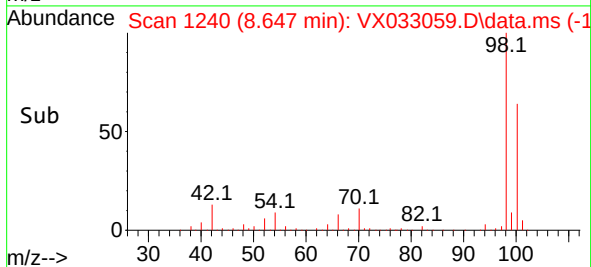
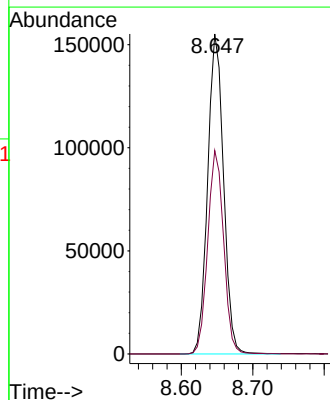
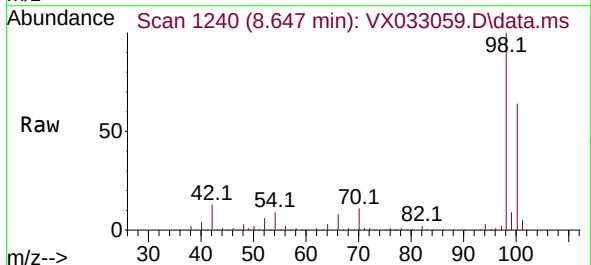
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

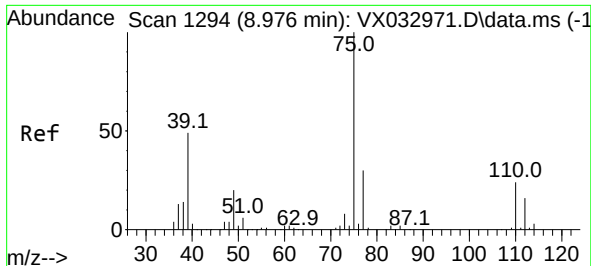
Tgt Ion:117 Resp: 17515
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 53.728 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

Tgt Ion: 98 Resp: 239432
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

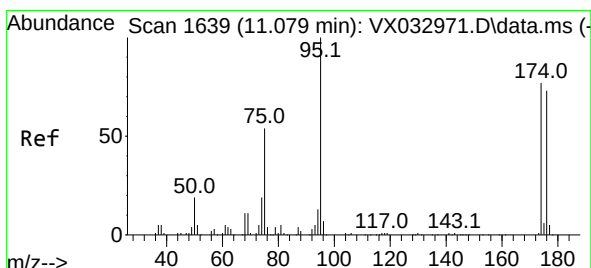
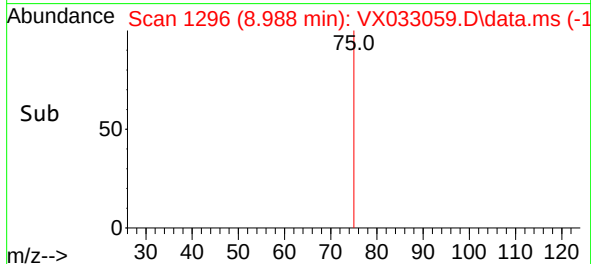
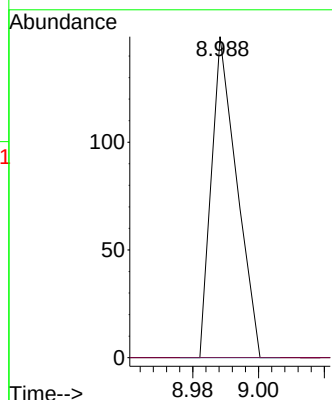
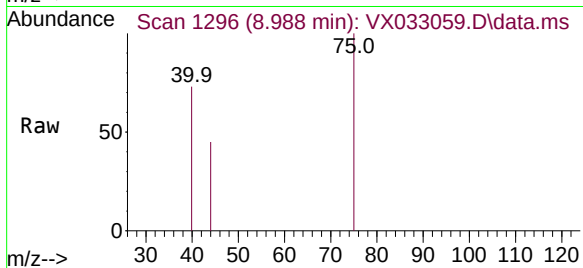




#53
t-1,3-Dichloropropene
Concen: 1.546 ug/l
RT: 8.988 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

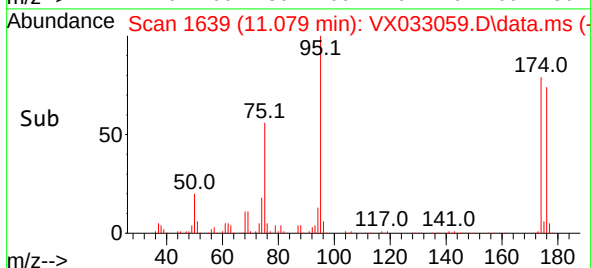
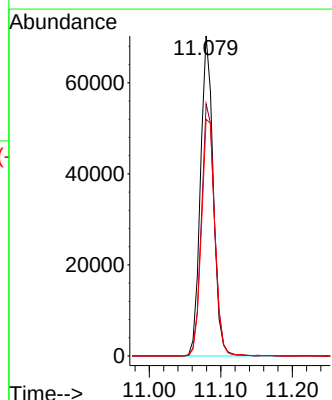
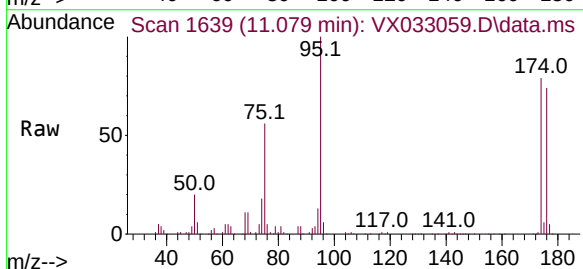
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

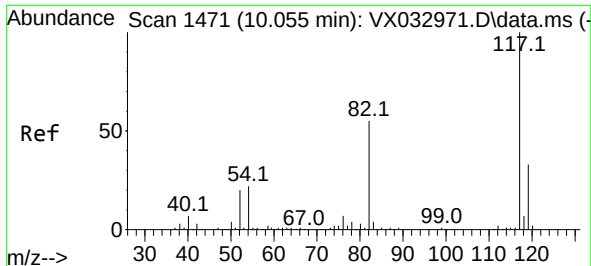
Tgt Ion: 75 Resp: 80
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#62
4-Bromofluorobenzene
Concen: 44.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

Tgt Ion: 95 Resp: 87090
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.0
176 78.1 0.0 154.4

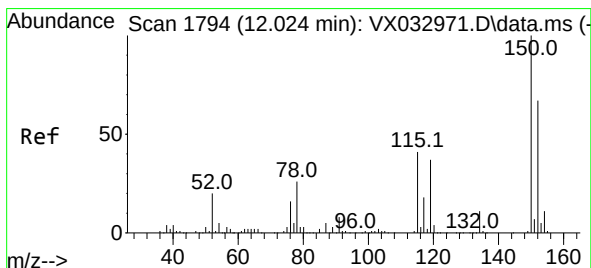
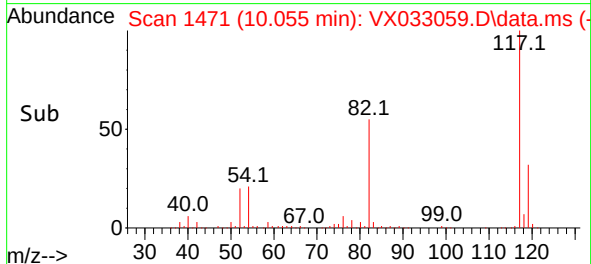
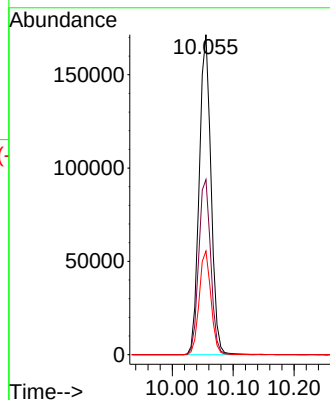
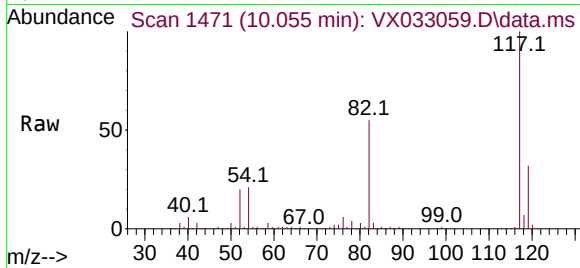




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

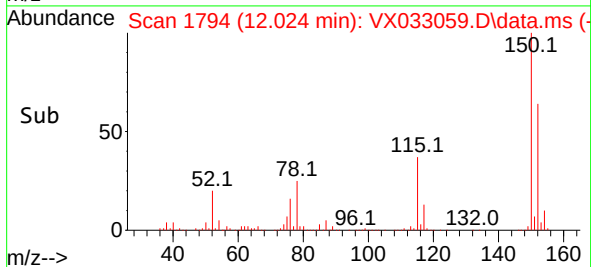
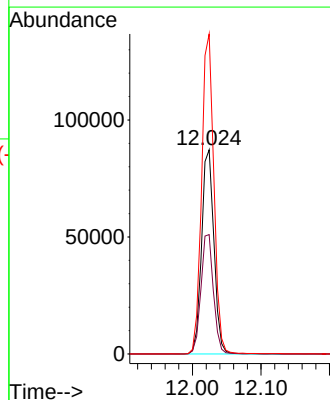
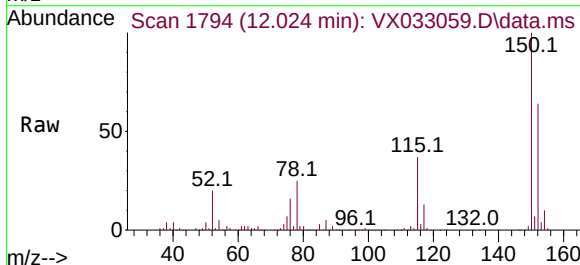
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

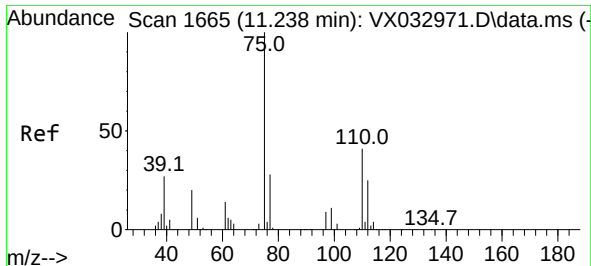
Tgt Ion:117 Resp: 230392
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

Tgt Ion:152 Resp: 109511
Ion Ratio Lower Upper
152 100
115 59.3 44.0 132.0
150 155.5 0.0 351.8

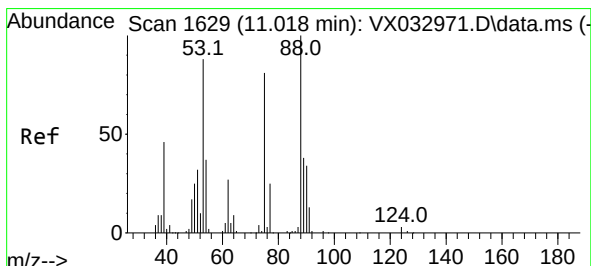
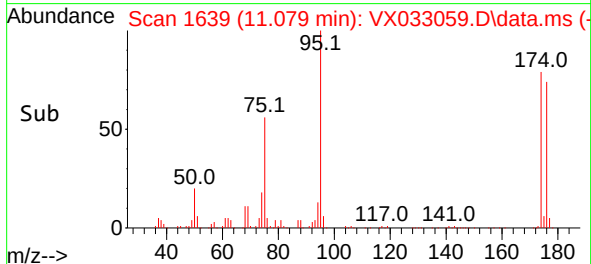
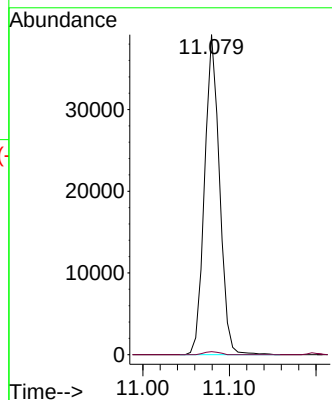
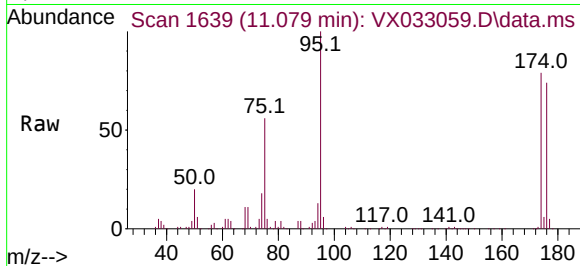




#76
1,2,3-Trichloropropane
Concen: 22.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

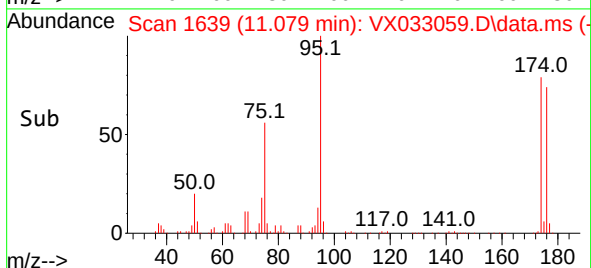
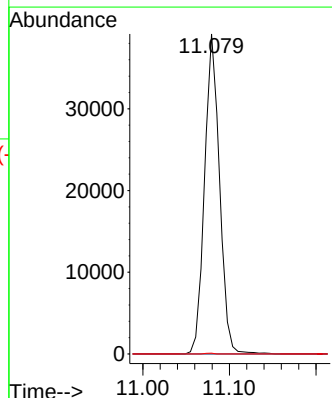
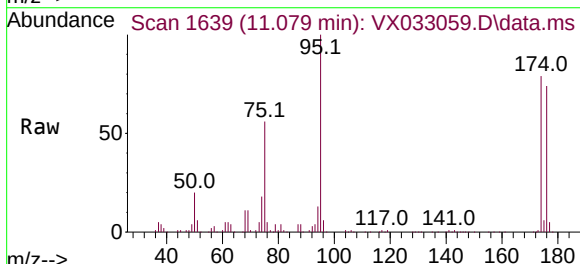
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

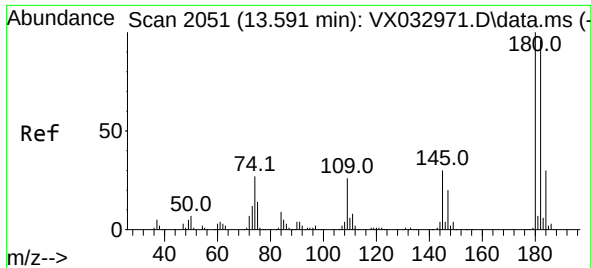
Tgt Ion: 75 Resp: 46979
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

Tgt Ion: 75 Resp: 46979
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

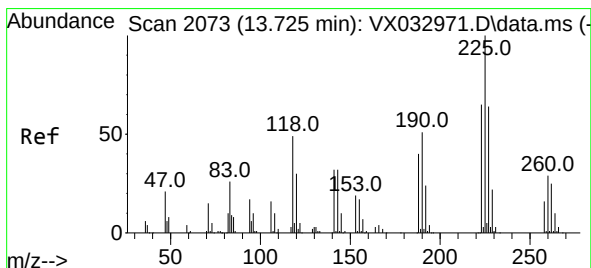
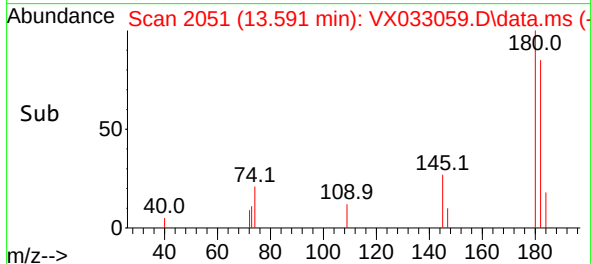
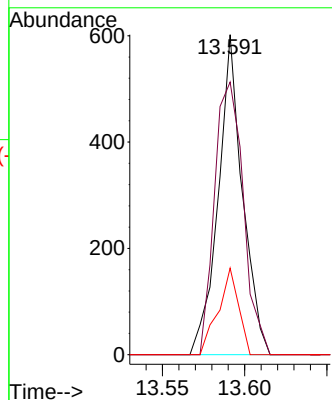
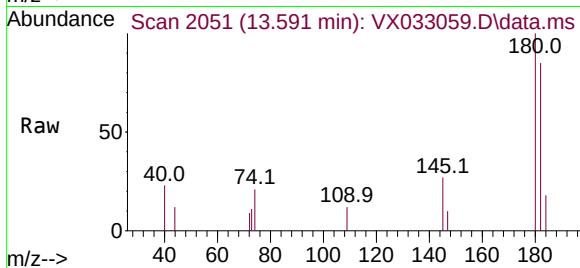




#93
1,2,4-Trichlorobenzene
Concen: 0.286 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

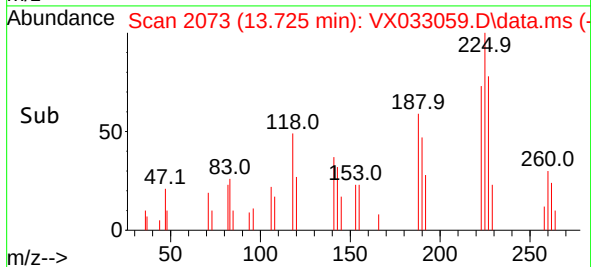
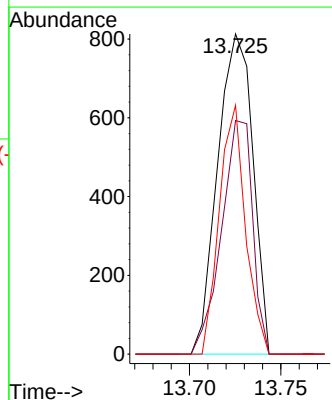
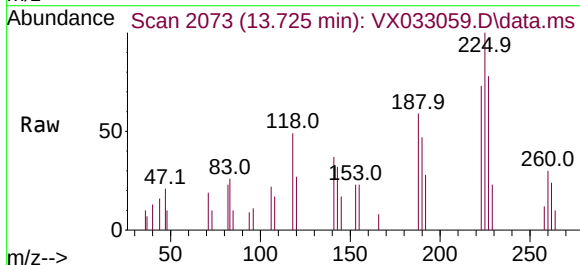
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

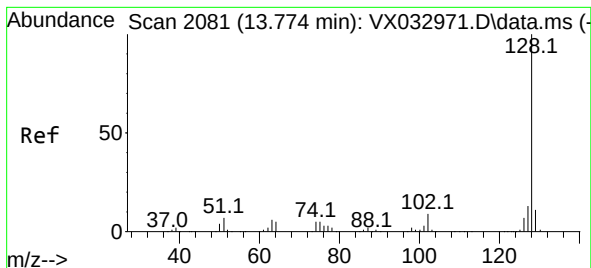
Tgt Ion:180 Resp: 619
Ion Ratio Lower Upper
180 100
182 101.0 48.4 145.0
145 22.6 16.2 48.5



#94
Hexachlorobutadiene
Concen: 1.142 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033059.D
Acq: 25 Nov 2022 11:45

Tgt Ion:225 Resp: 1091
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.9
227 57.7 31.9 95.5





#95

Naphthalene

Concen: 0.246 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033059.D

Acq: 25 Nov 2022 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBL01

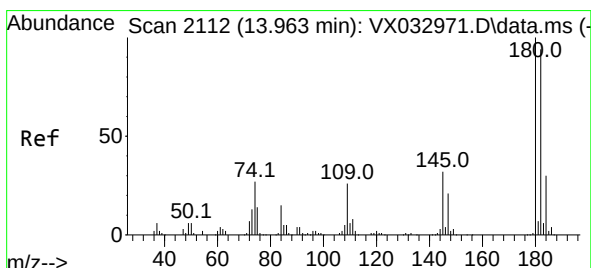
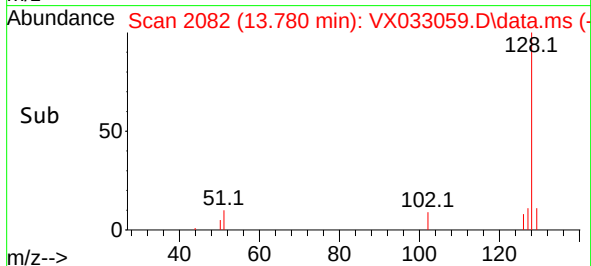
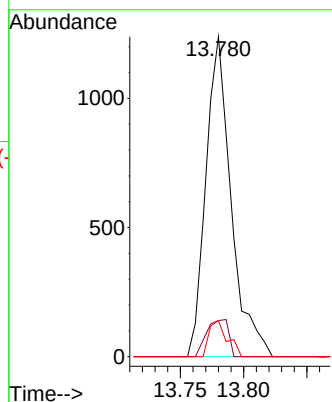
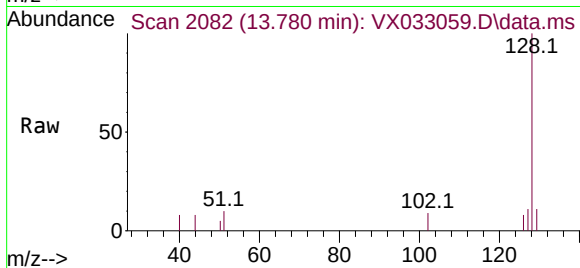
Tgt Ion:128 Resp: 1722

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.4#

129 8.1 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.236 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033059.D

Acq: 25 Nov 2022 11:45

Tgt Ion:180 Resp: 512

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.6

145 29.1 16.9 50.6

