

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042815.D
 Acq On : 02 Aug 2024 01:08
 Operator : JC/MD
 Sample : P3419-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 286118

Quant Time: Aug 02 05:39:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

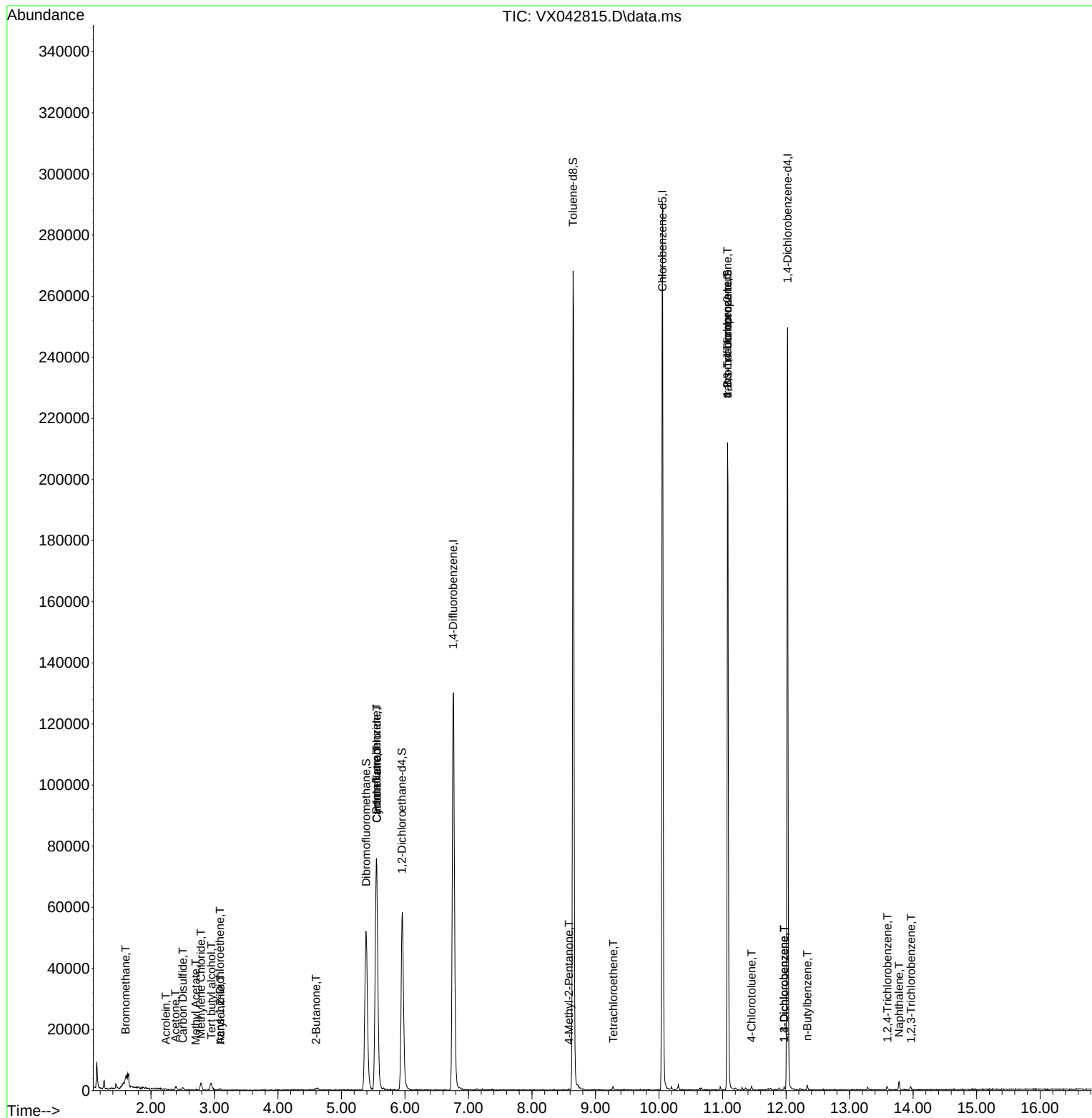
Internal Standards						
1) Pentafluorobenzene	5.549	168	66799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57560	53.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.260%	
35) Dibromofluoromethane	5.385	113	46779	50.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	8.646	98	161005	47.449	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.900%	
62) 4-Bromofluorobenzene	11.079	95	59350	47.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	175	Below Cal	#	43
5) Bromomethane	1.599	94	250	0.876	ug/l #	42
11) Tert butyl alcohol	2.952	59	1695	3.247	ug/l #	78
13) Acrolein	2.233	56	88	0.420	ug/l #	44
15) Acrylonitrile	3.093	53	163	0.370	ug/l #	75
16) Acetone	2.385	43	1267	3.251	ug/l #	84
17) Carbon Disulfide	2.501	76	1085	0.592	ug/l #	82
18) Methyl Acetate	2.702	43	249	0.255	ug/l #	53
20) Methylene Chloride	2.788	84	1241	0.582	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	253	0.302	ug/l #	54
25) 2-Butanone	4.598	43	157	0.274	ug/l #	51
31) Cyclohexane	5.556	56	1881	1.591	ug/l #	1
38) Carbon Tetrachloride	5.556	117	7949	5.689	ug/l #	16
51) 4-Methyl-2-Pentanone	8.579	43	311	0.243	ug/l #	83
64) Tetrachloroethene	9.281	164	222	0.255	ug/l #	31
76) 1,2,3-Trichloropropane	11.079	75	31667	28.497	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31667	84.346	ug/l #	5
82) 4-Chlorotoluene	11.457	91	625	0.204	ug/l	83
87) 1,3-Dichlorobenzene	11.969	146	433	0.252	ug/l	69
88) 1,4-Dichlorobenzene	11.969	146	433	0.251	ug/l	70
89) n-Butylbenzene	12.335	91	582	0.217	ug/l #	68
93) 1,2,4-Trichlorobenzene	13.597	180	450	0.461	ug/l #	85
95) Naphthalene	13.780	128	1893	0.508	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.969	180	374	0.373	ug/l #	90

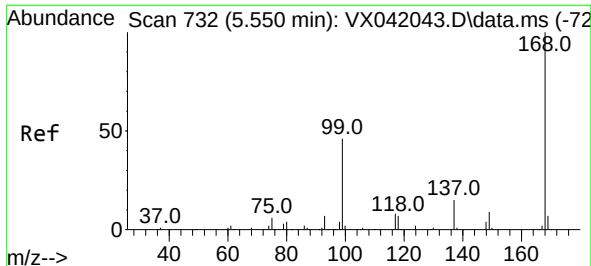
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
Data File : VX042815.D
Acq On : 02 Aug 2024 01:08
Operator : JC/MD
Sample : P3419-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
286118

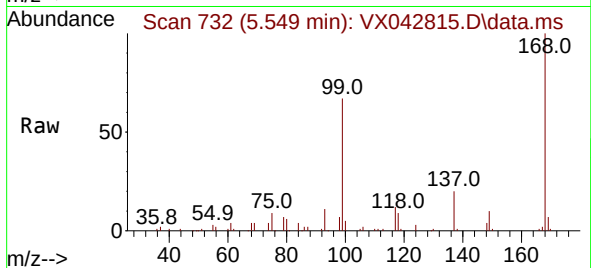
Quant Time: Aug 02 05:39:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 2024
Response via : Initial Calibration



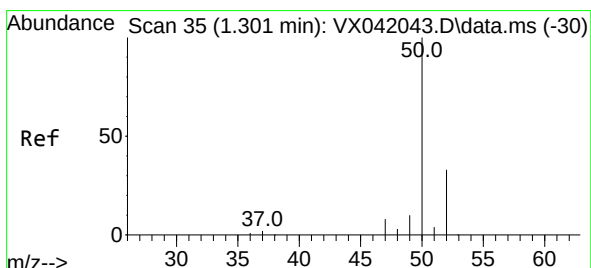
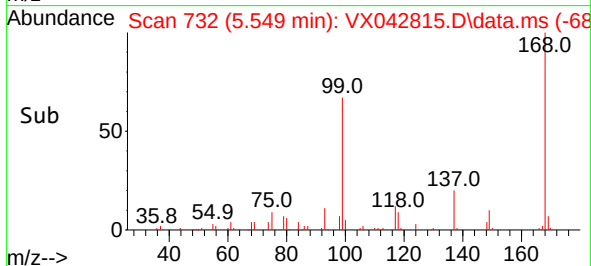
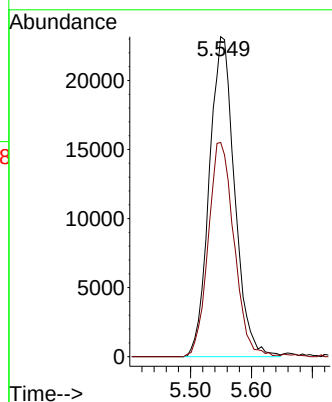


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Instrument :
MSVOA_X
ClientSampleId :
286118

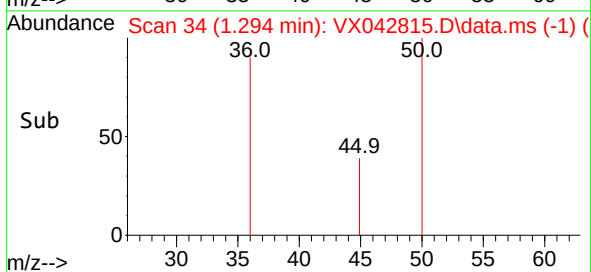
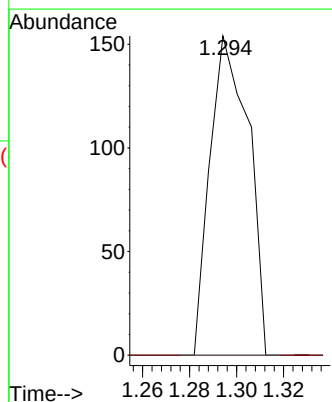
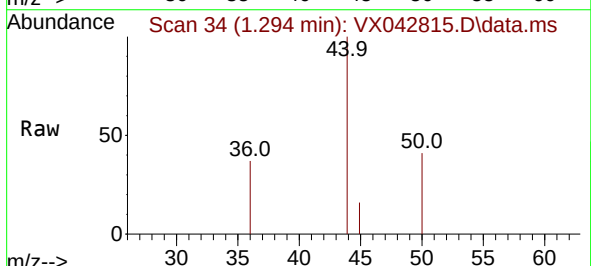


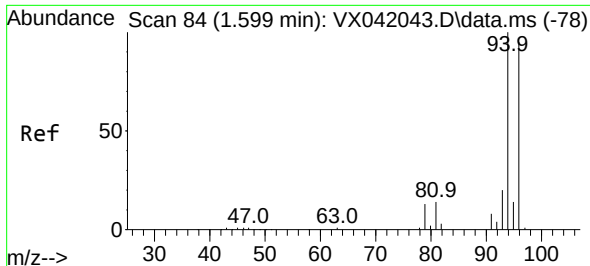
Tgt Ion:168 Resp: 66799
Ion Ratio Lower Upper
168 100
99 67.0 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.013 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 50 Resp: 175
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

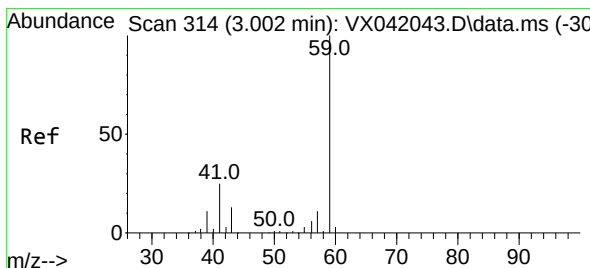
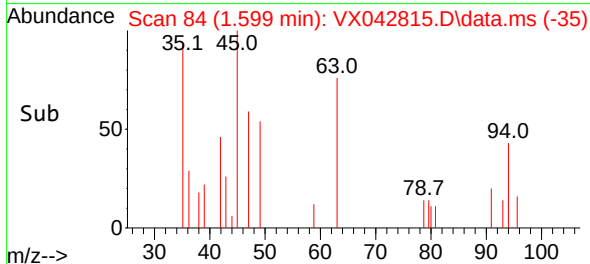
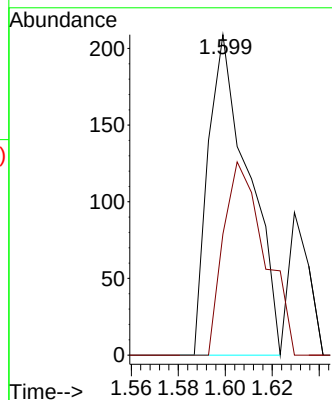
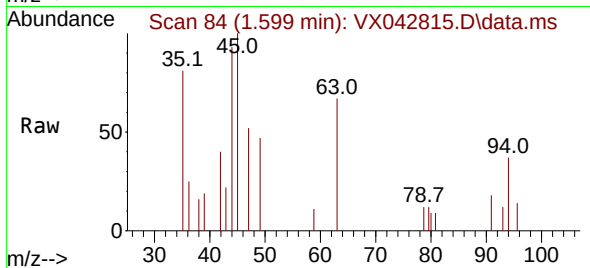




#5
Bromomethane
Concen: 0.876 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

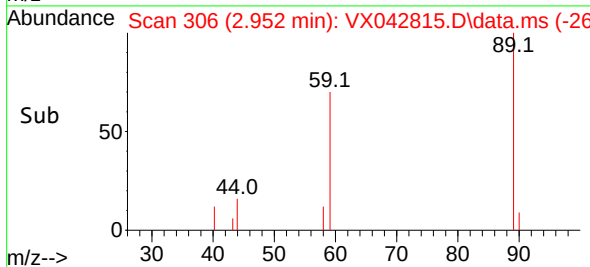
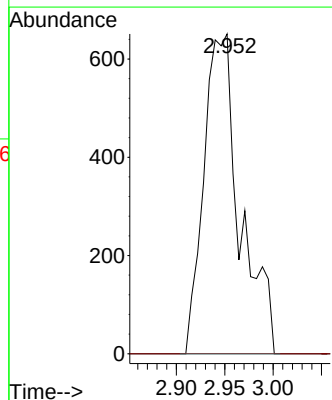
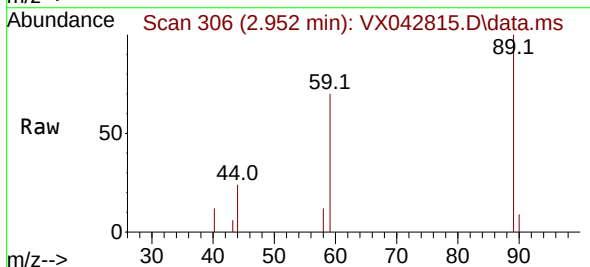
Instrument :
MSVOA_X
ClientSampleId :
286118

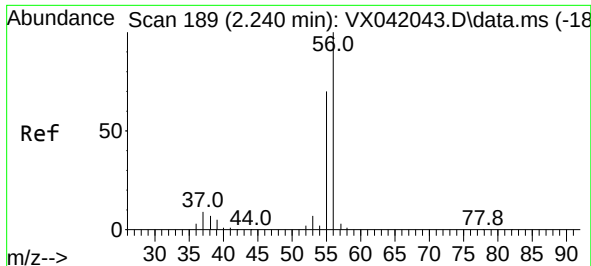
Tgt Ion: 94 Resp: 250
Ion Ratio Lower Upper
94 100
96 37.8 74.6 111.8#



#11
Tert butyl alcohol
Concen: 3.247 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.055 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 59 Resp: 1695
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

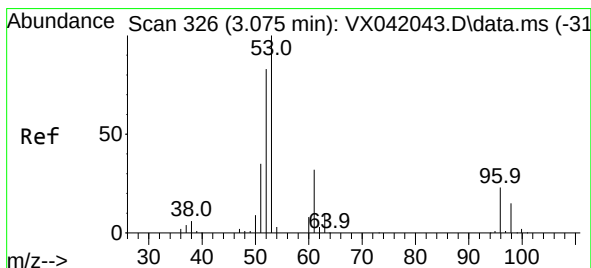
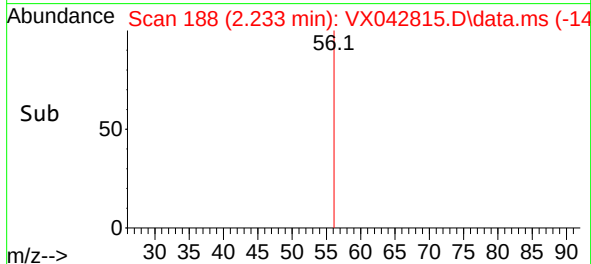
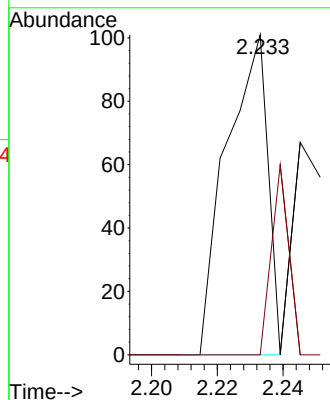
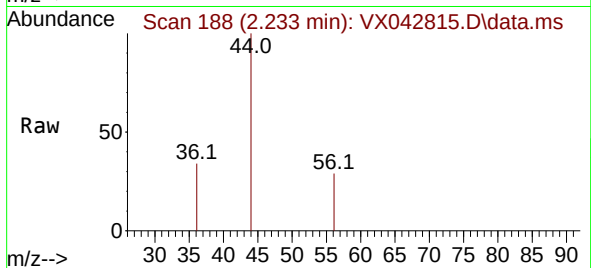




#13
Acrolein
Concen: 0.420 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

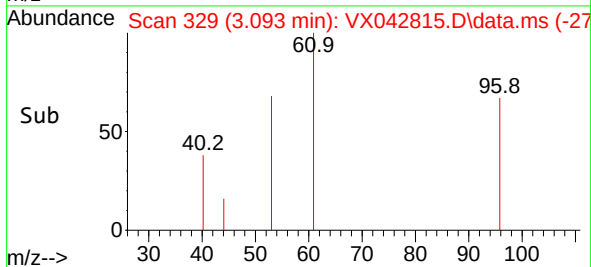
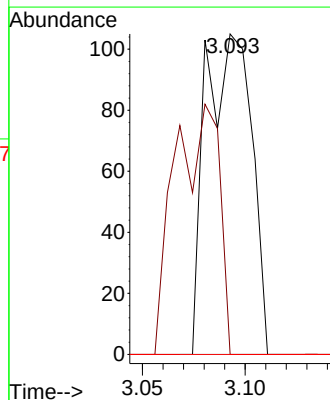
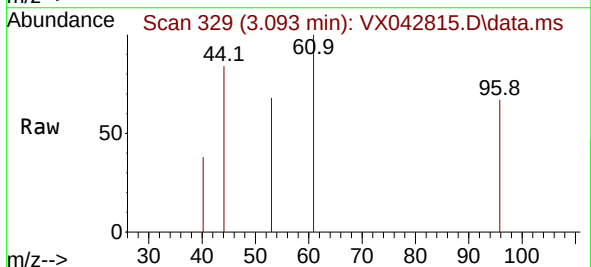
Instrument :
MSVOA_X
ClientSampleId :
286118

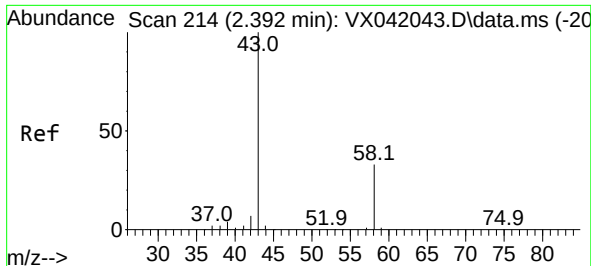
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 25.0 57.1 85.7#



#15
Acrylonitrile
Concen: 0.370 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.018 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 53 Resp: 163
Ion Ratio Lower Upper
53 100
52 75.5 66.0 99.0
51 0.0 29.8 44.6#

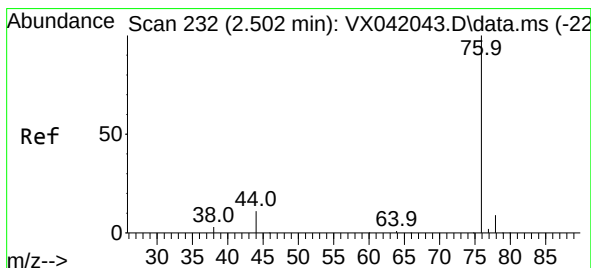
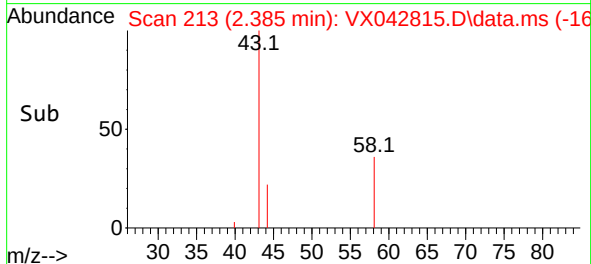
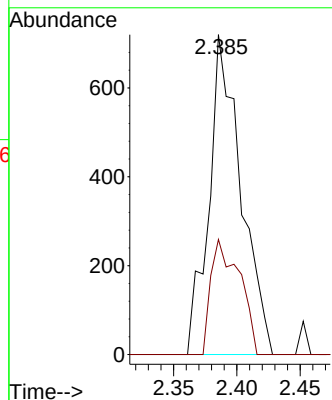
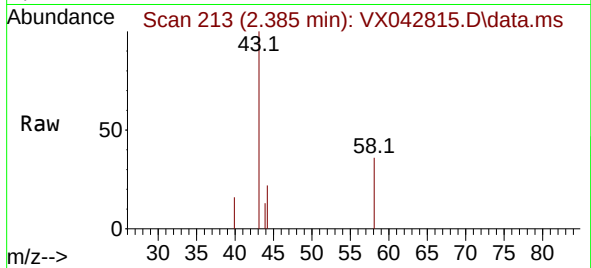




#16
Acetone
Concen: 3.251 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.013 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

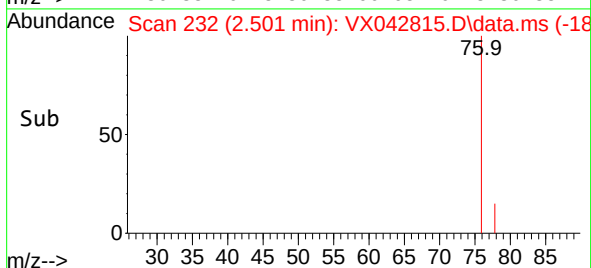
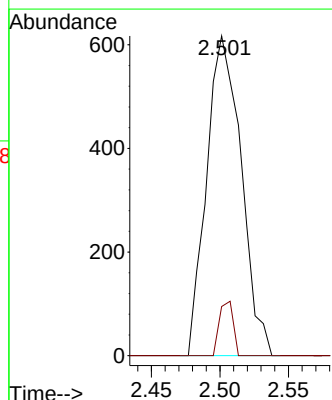
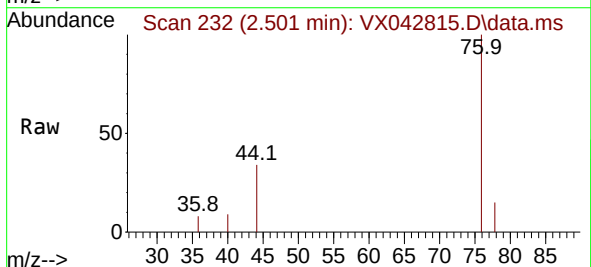
Instrument :
MSVOA_X
ClientSampleId :
286118

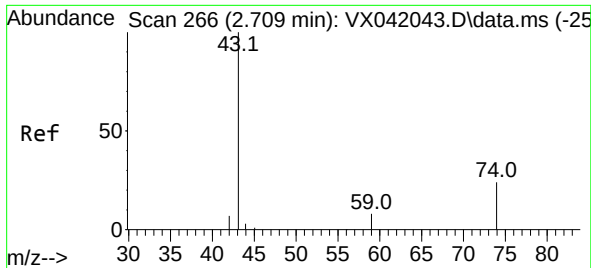
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 36.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.592 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 76 Resp: 1085
Ion Ratio Lower Upper
76 100
78 15.4 7.0 10.6#

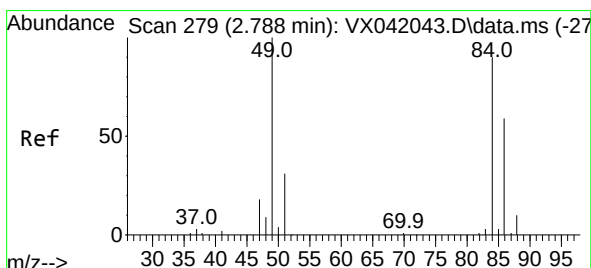
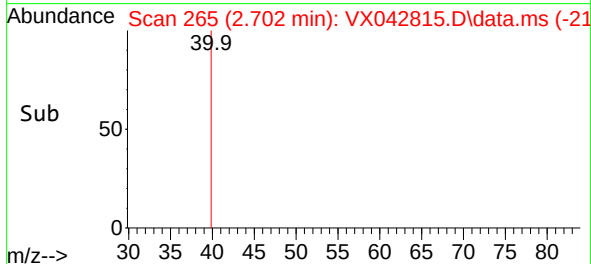
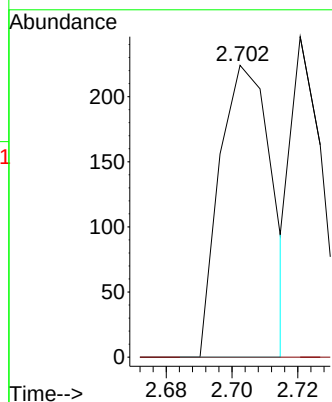
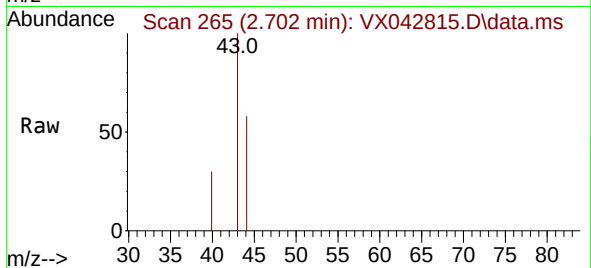




#18
Methyl Acetate
Concen: 0.255 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.007 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

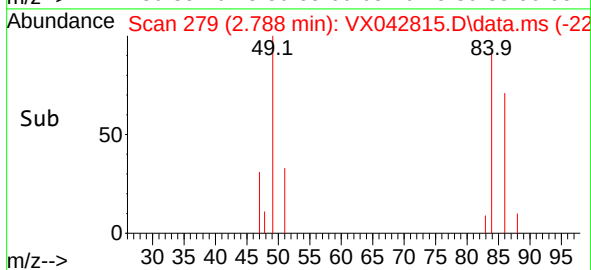
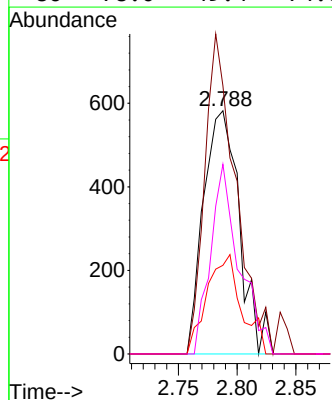
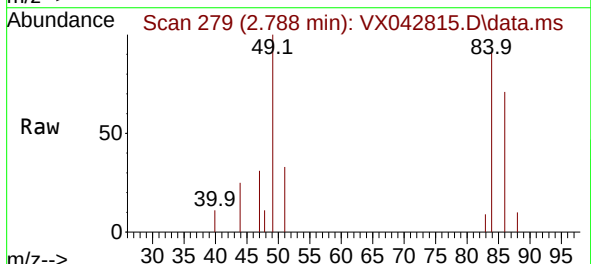
Instrument :
MSVOA_X
ClientSampleId :
286118

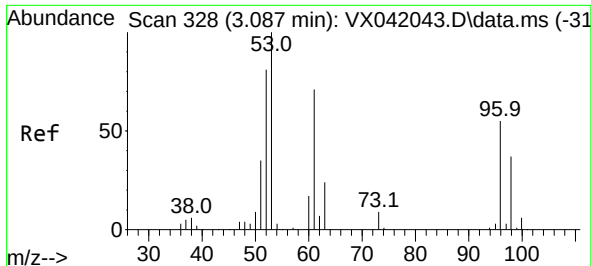
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 84 Resp: 1241
Ion Ratio Lower Upper
84 100
49 110.3 103.6 155.4
51 36.4 33.8 50.6
86 78.0 49.4 74.0#

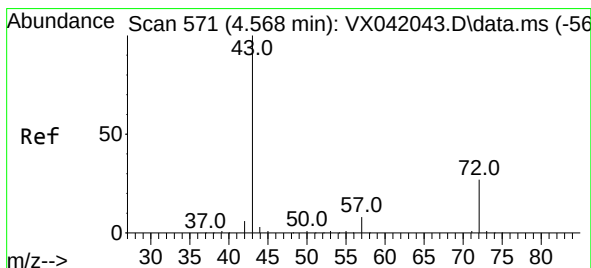
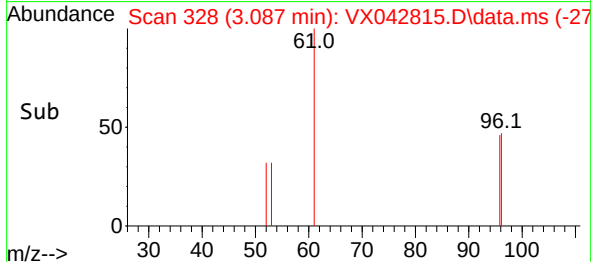
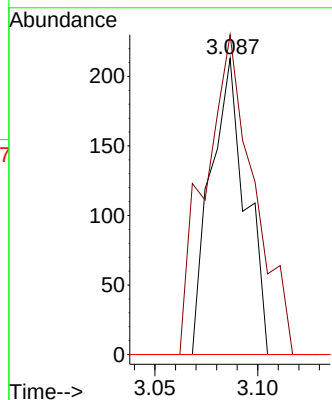
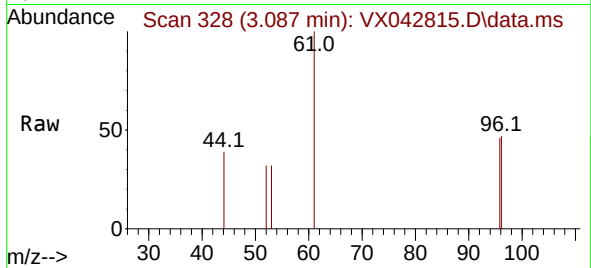




#21
trans-1,2-Dichloroethene
Concen: 0.302 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

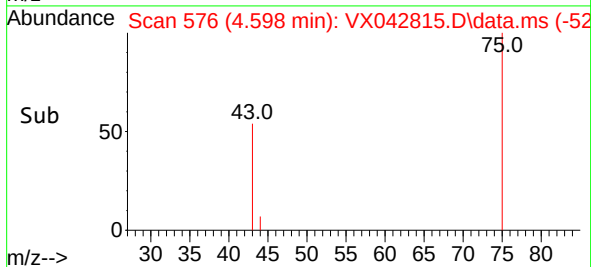
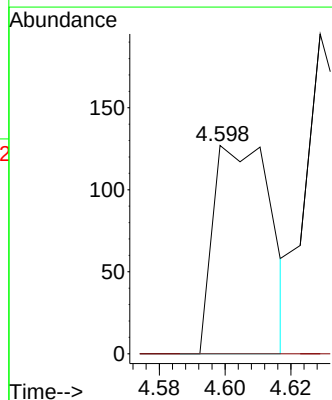
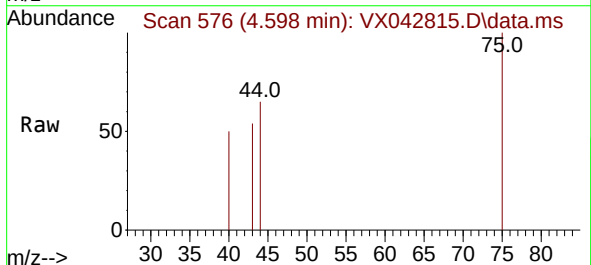
Instrument :
MSVOA_X
ClientSampleId :
286118

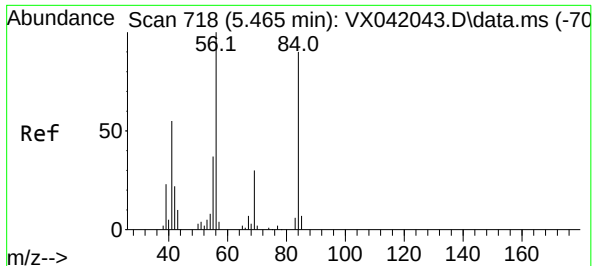
Tgt Ion: 96 Resp: 253
Ion Ratio Lower Upper
96 100
61 108.0 119.2 178.8#
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 0.274 ug/l
RT: 4.598 min Scan# 576
Delta R.T. 0.024 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#

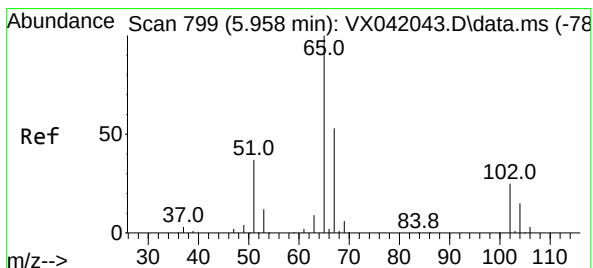
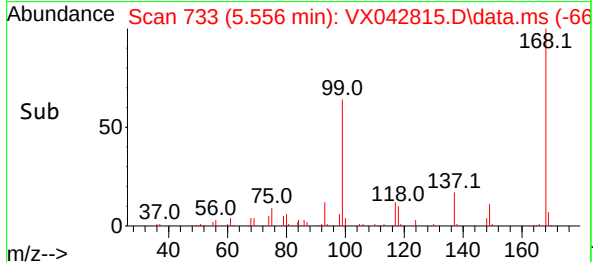
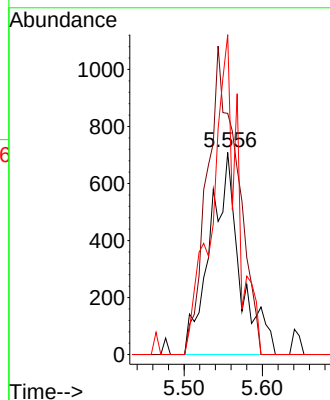
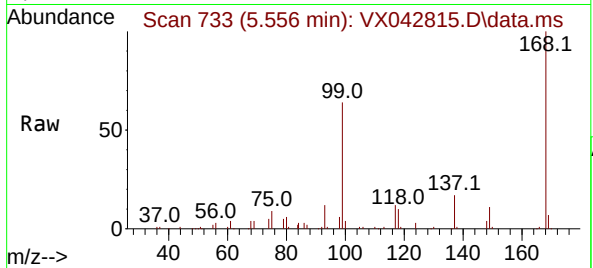




#31
Cyclohexane
Concen: 1.591 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

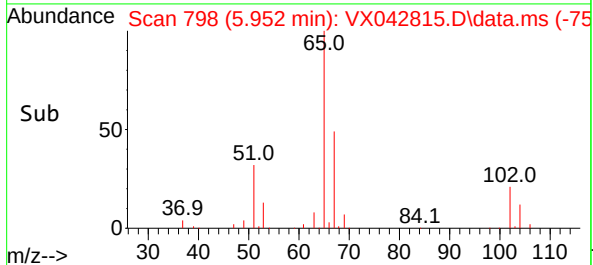
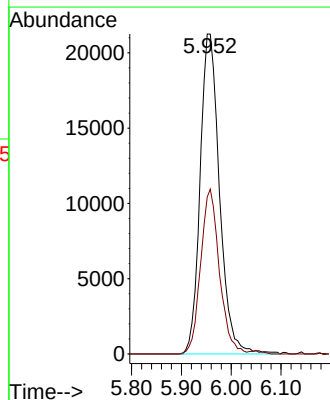
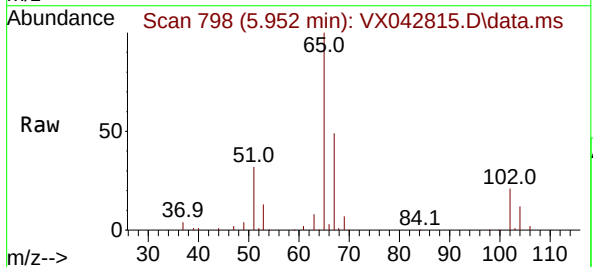
Instrument :
MSVOA_X
ClientSampleId :
286118

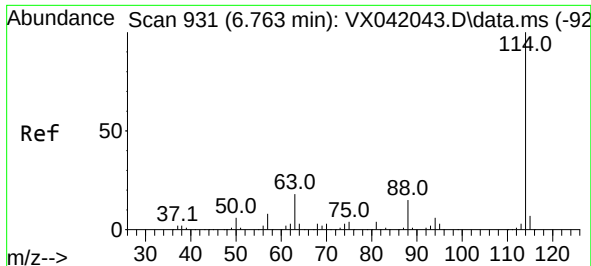
Tgt Ion: 56 Resp: 1881
Ion Ratio Lower Upper
56 100
69 119.3 23.4 35.2#
84 158.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.635 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 65 Resp: 57560
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.2

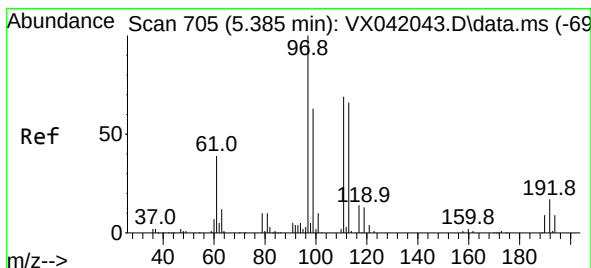
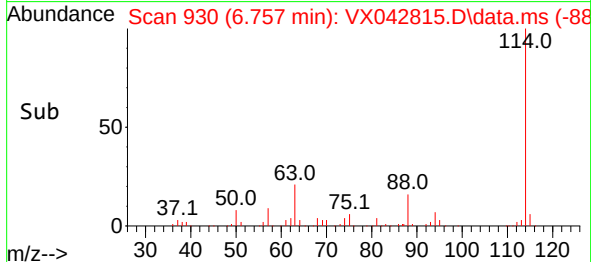
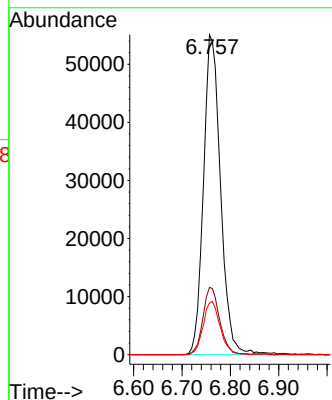
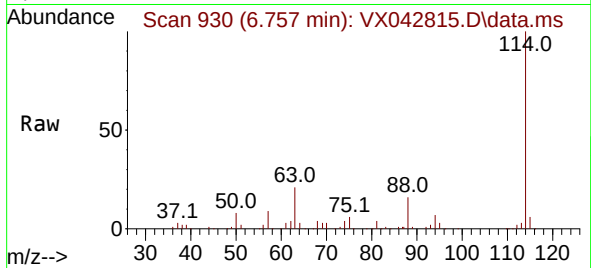




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

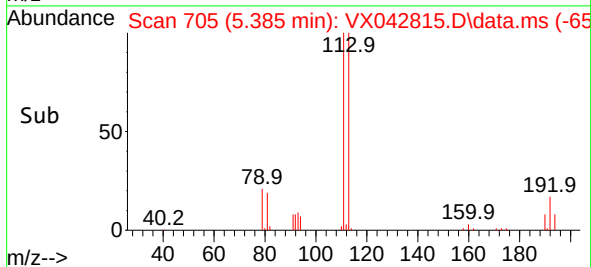
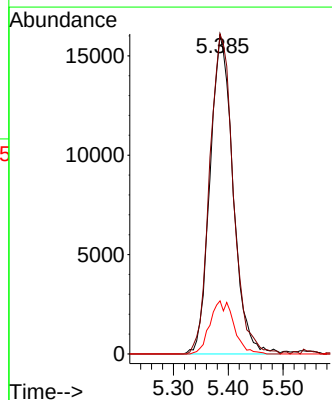
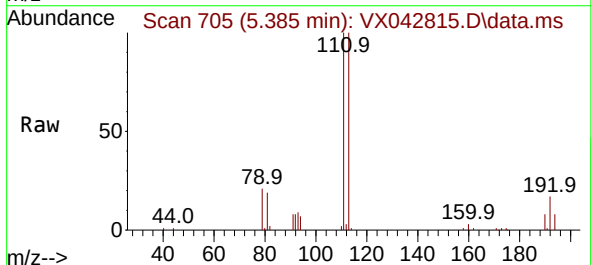
Instrument :
MSVOA_X
ClientSampleId :
286118

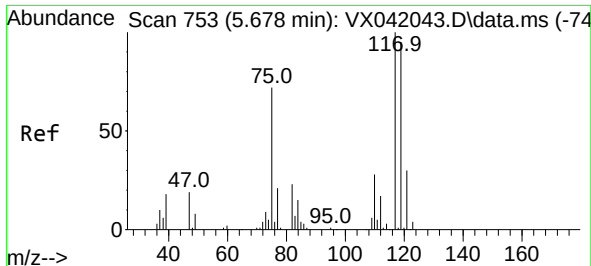
Tgt Ion:114 Resp: 135326
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.039 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

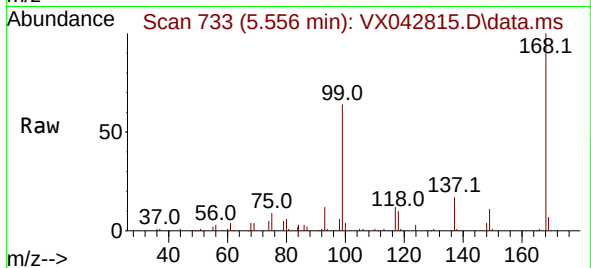
Tgt Ion:113 Resp: 46779
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 17.3 13.3 19.9



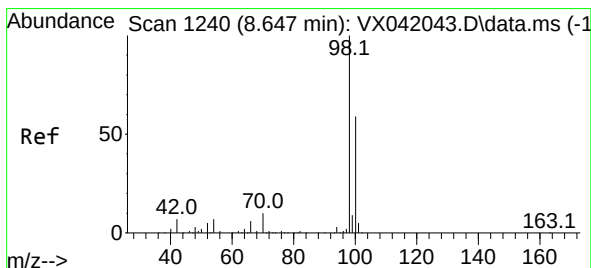
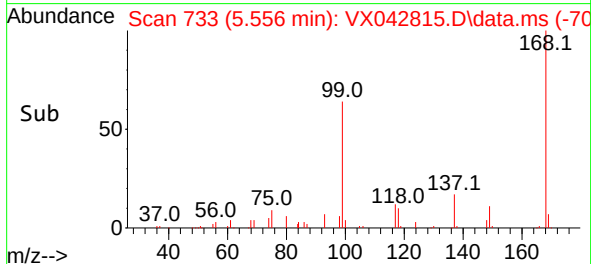
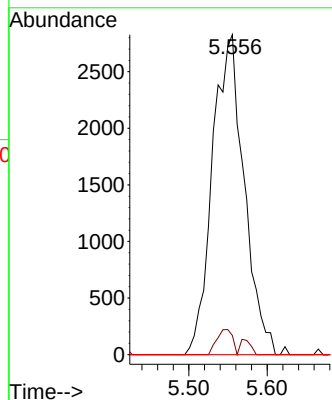


#38
Carbon Tetrachloride
Concen: 5.689 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Instrument :
MSVOA_X
ClientSampleId :
286118

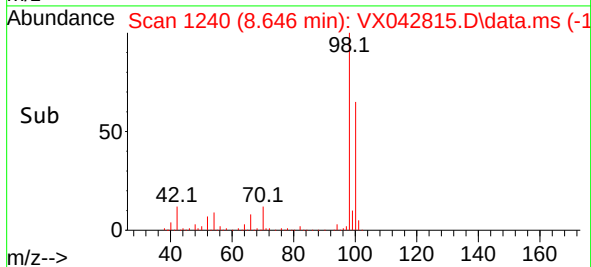
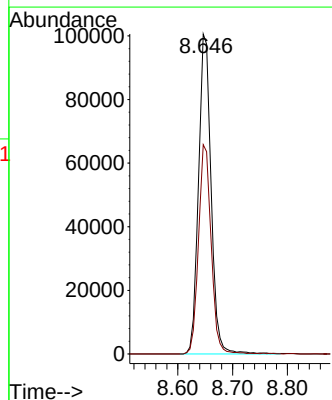
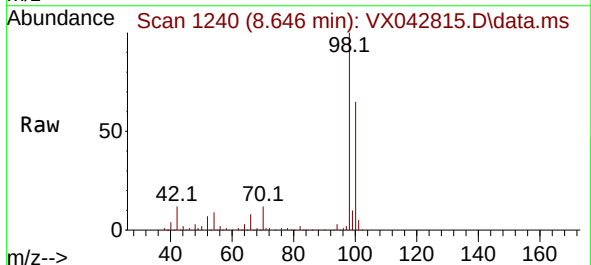


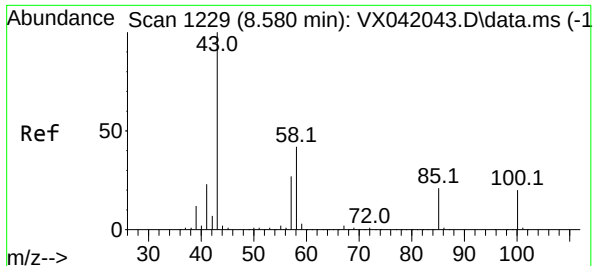
Tgt Ion:117 Resp: 7949
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.449 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 98 Resp: 161005
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

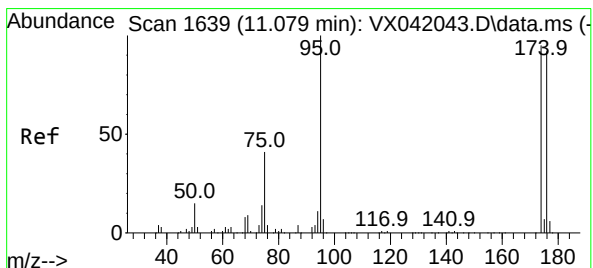
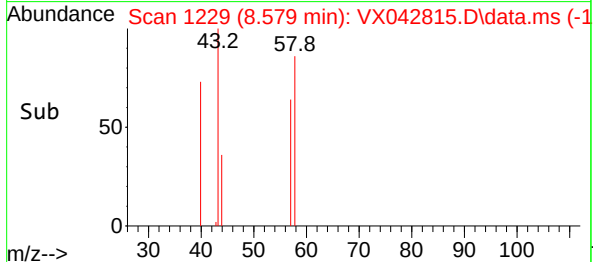
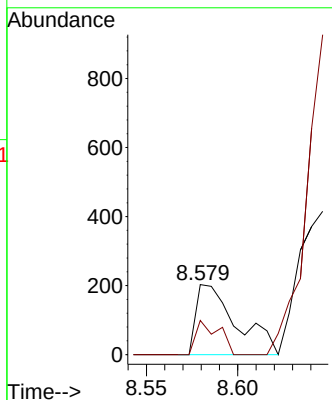
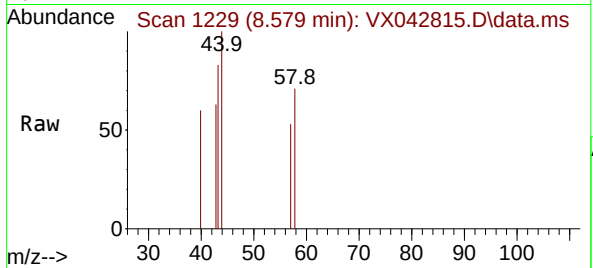




#51
4-Methyl-2-Pentanone
Concen: 0.243 ug/l
RT: 8.579 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

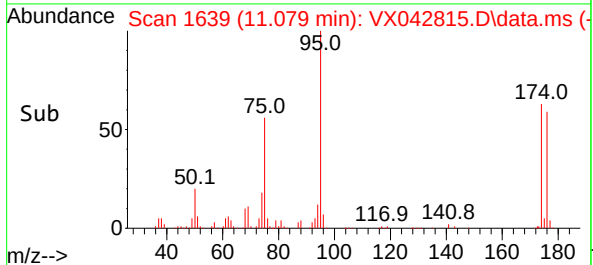
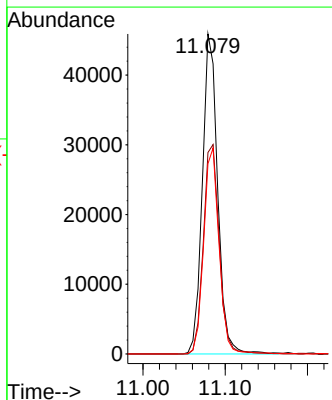
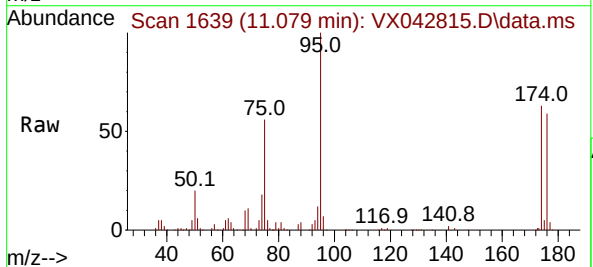
Instrument :
MSVOA_X
ClientSampleId :
286118

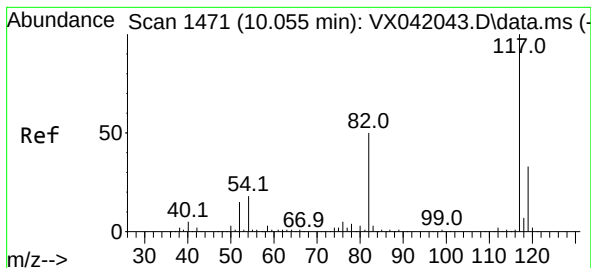
Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
58 28.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 95 Resp: 59350
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 64.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX042815.D

Acq: 02 Aug 2024 01:08

Instrument :

MSVOA_X

ClientSampleId :

286118

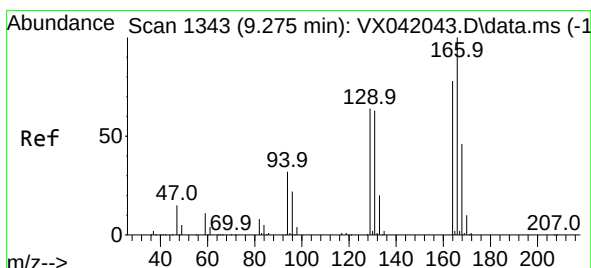
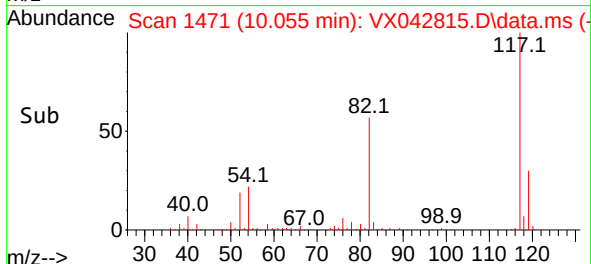
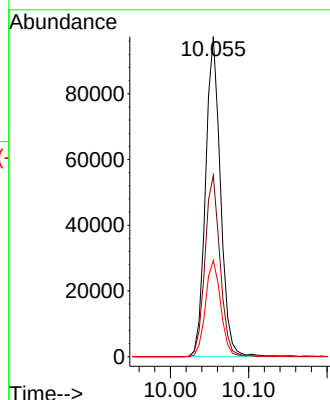
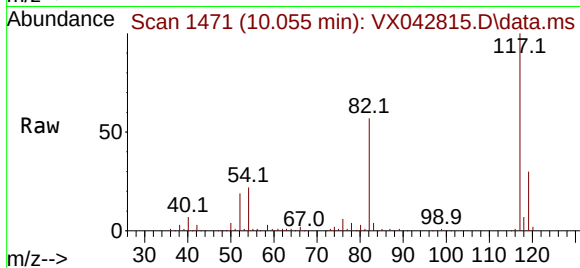
Tgt Ion:117 Resp: 128683

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 30.0 25.5 38.3



#64

Tetrachloroethene

Concen: 0.255 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX042815.D

Acq: 02 Aug 2024 01:08

Tgt Ion:164 Resp: 222

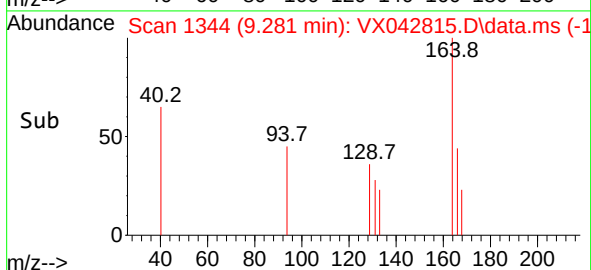
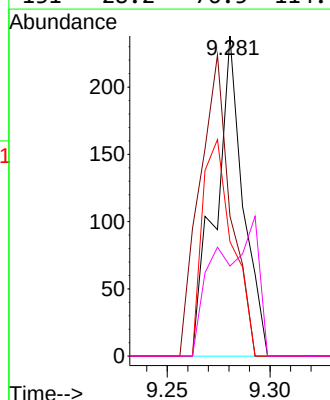
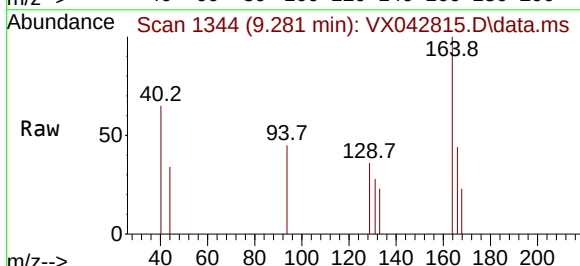
Ion Ratio Lower Upper

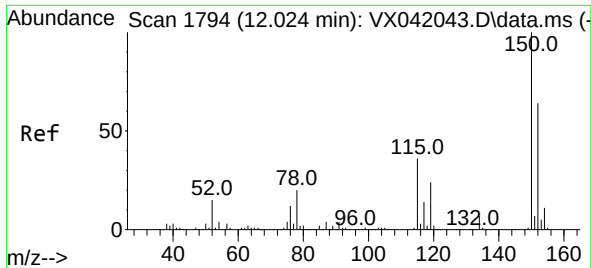
164 100

166 43.7 102.7 154.1#

129 35.7 80.4 120.6#

131 28.2 76.5 114.7#

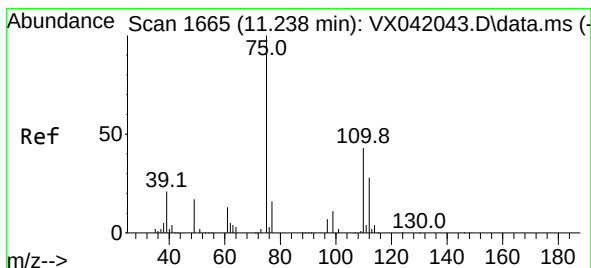
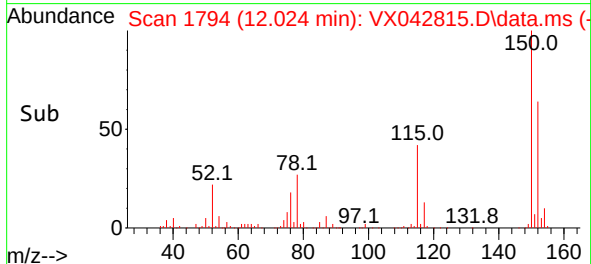
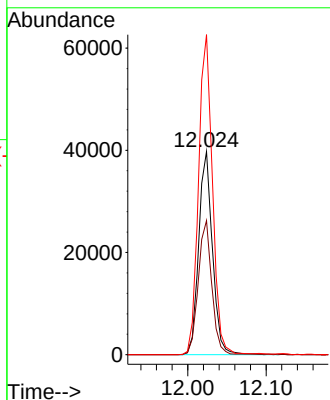
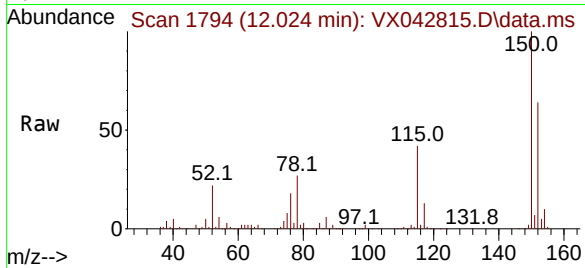




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

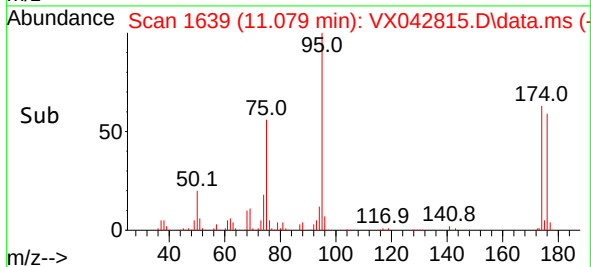
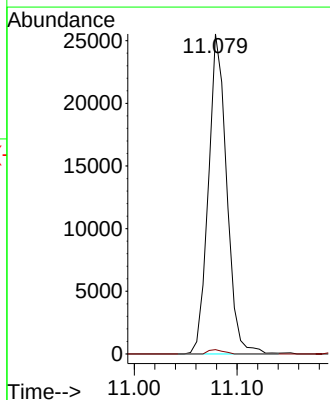
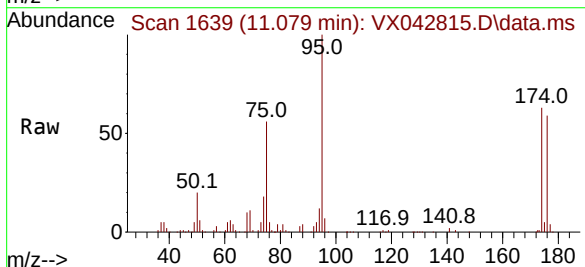
Instrument :
MSVOA_X
ClientSampleId :
286118

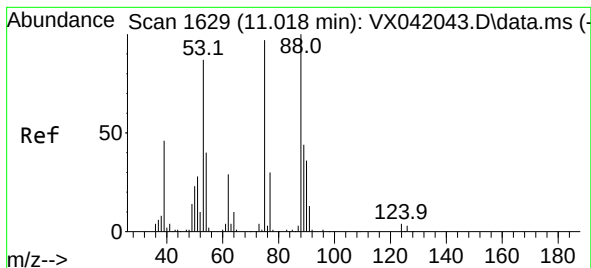
Tgt Ion:152 Resp: 48631
Ion Ratio Lower Upper
152 100
115 65.1 43.3 129.9
150 159.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 28.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 75 Resp: 31667
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

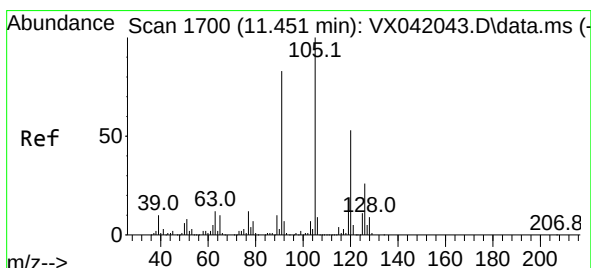
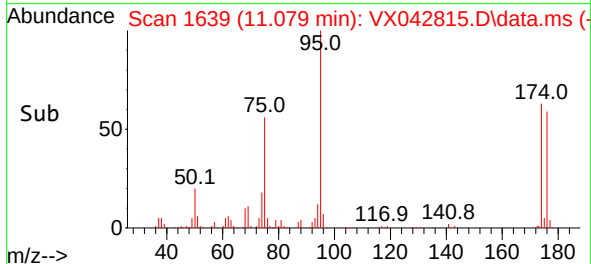
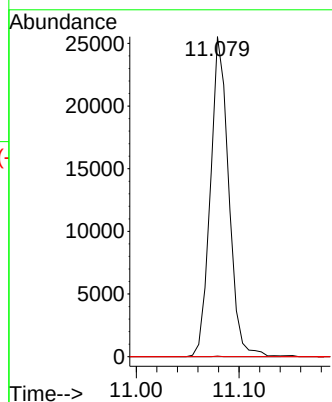
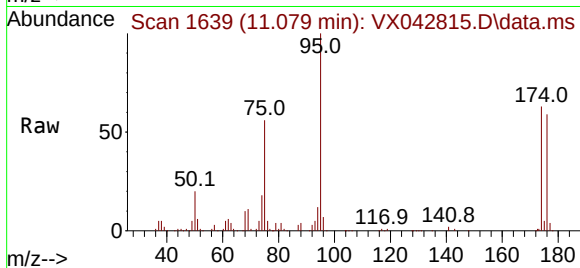




#81
trans-1,4-Dichloro-2-butene
Concen: 84.346 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

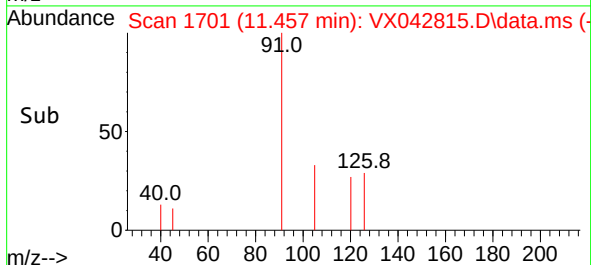
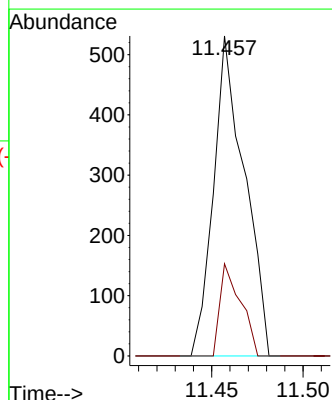
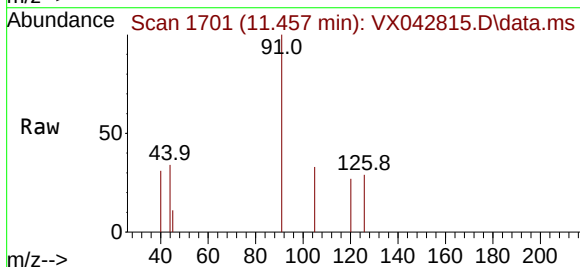
Instrument :
MSVOA_X
ClientSampleId :
286118

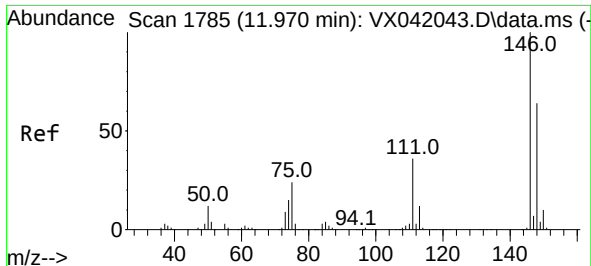
Tgt Ion: 75 Resp: 31667
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.204 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 91 Resp: 625
Ion Ratio Lower Upper
91 100
126 19.4 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.252 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042815.D

Acq: 02 Aug 2024 01:08

Instrument :

MSVOA_X

ClientSampleId :

286118

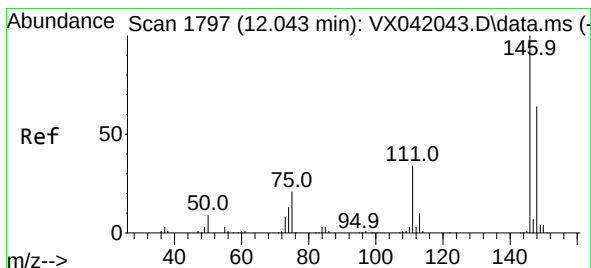
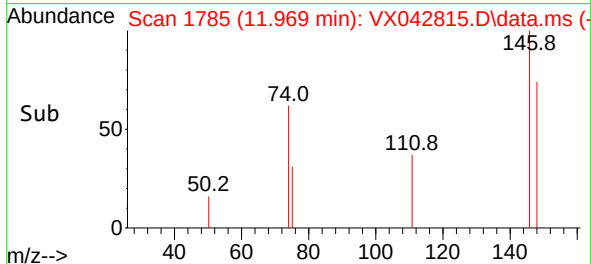
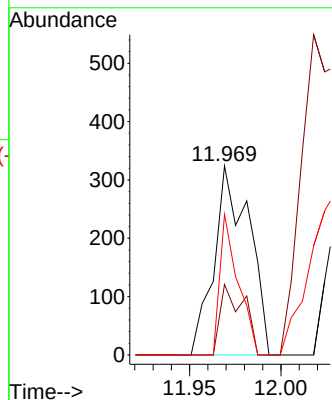
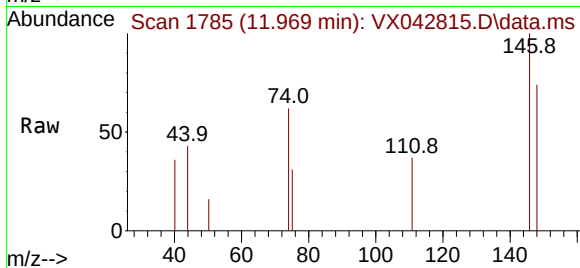
Tgt Ion:146 Resp: 433

Ion Ratio Lower Upper

146 100

111 24.9 22.1 66.1

148 38.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.251 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX042815.D

Acq: 02 Aug 2024 01:08

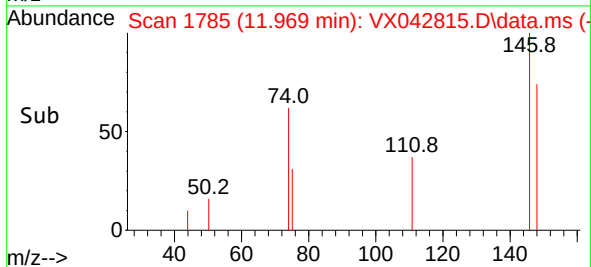
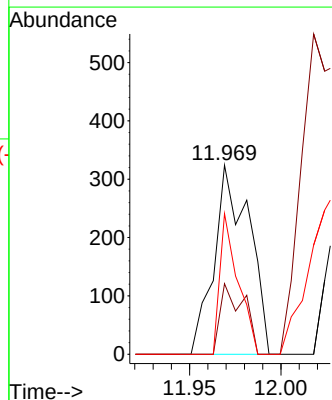
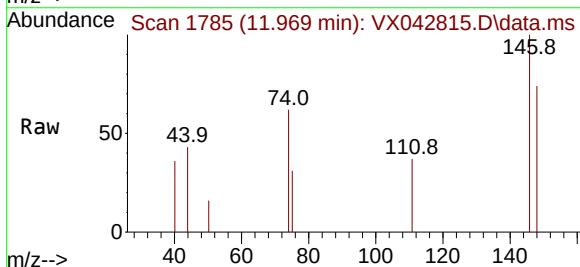
Tgt Ion:146 Resp: 433

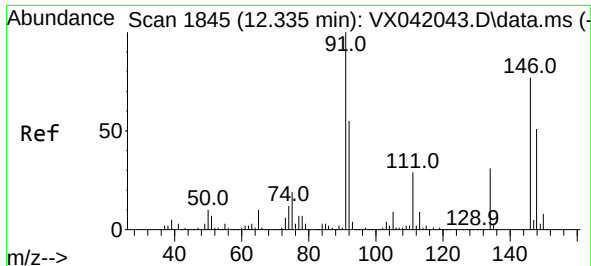
Ion Ratio Lower Upper

146 100

111 24.9 21.3 63.7

148 38.8 31.8 95.4

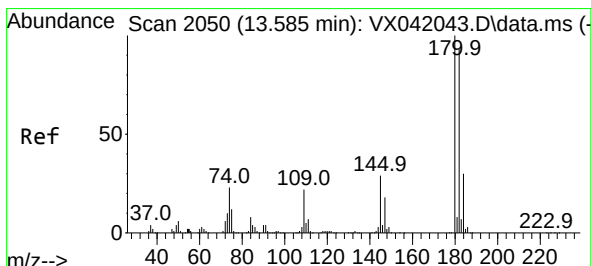
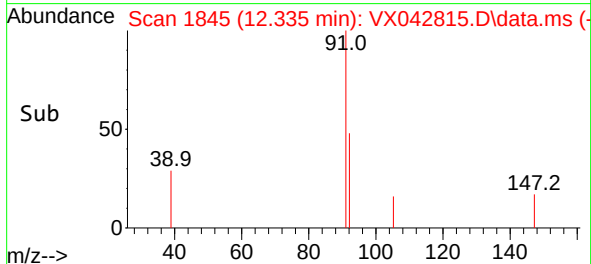
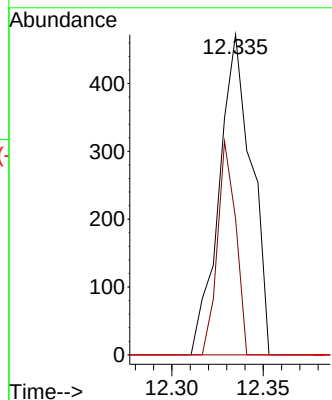
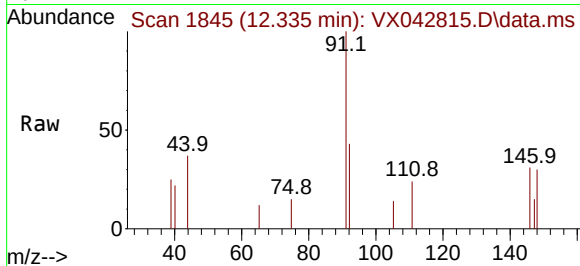




#89
n-Butylbenzene
Concen: 0.217 ug/l
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

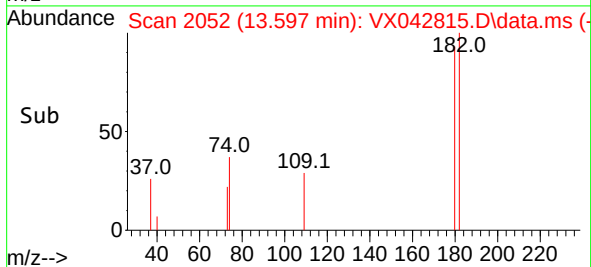
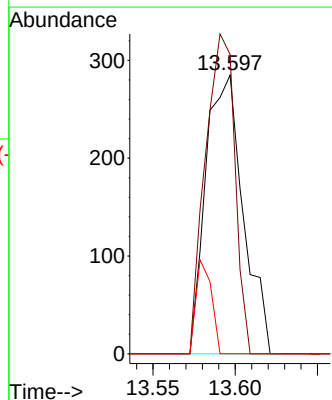
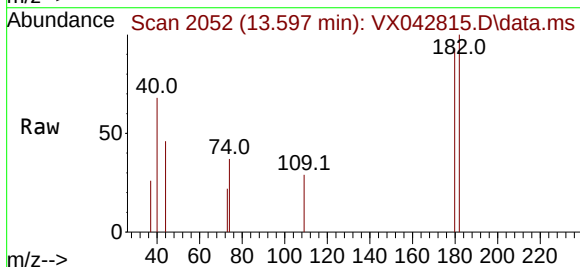
Instrument :
MSVOA_X
ClientSampleId :
286118

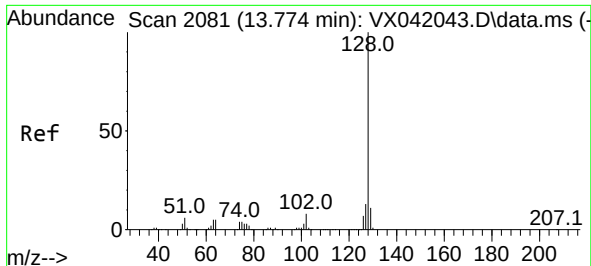
Tgt Ion: 91 Resp: 582
Ion Ratio Lower Upper
91 100
92 37.6 27.4 82.0
134 0.0 12.6 37.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.461 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion: 180 Resp: 450
Ion Ratio Lower Upper
180 100
182 90.7 48.3 144.8
145 13.8 18.0 54.0#

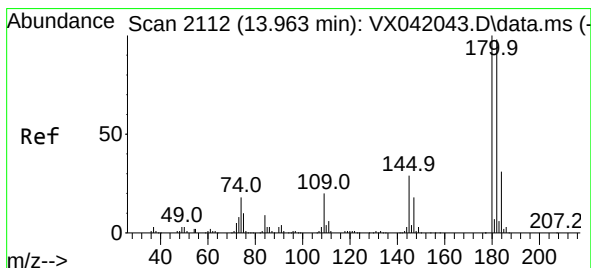
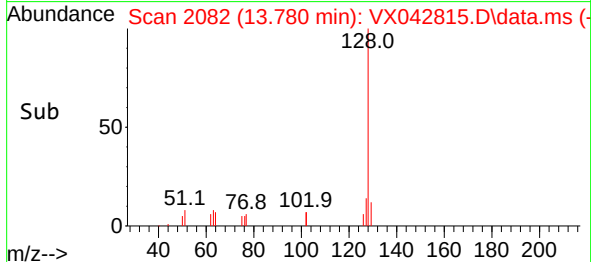
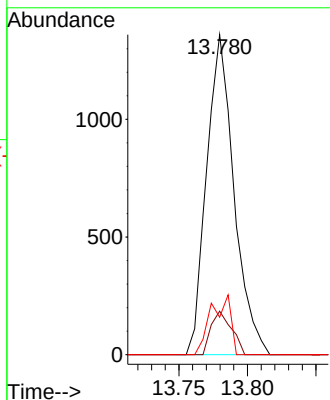
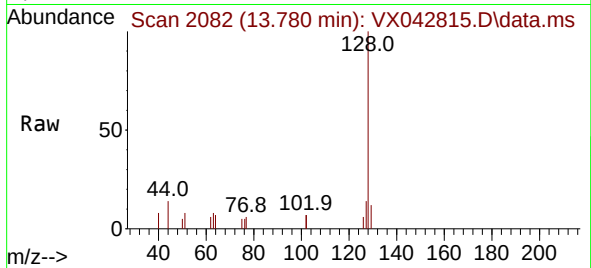




#95
Naphthalene
Concen: 0.508 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Instrument :
MSVOA_X
ClientSampleId :
286118

Tgt Ion:128 Resp: 1893
Ion Ratio Lower Upper
128 100
127 10.1 10.3 15.5#
129 13.5 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.373 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX042815.D
Acq: 02 Aug 2024 01:08

Tgt Ion:180 Resp: 374
Ion Ratio Lower Upper
180 100
182 93.6 46.9 140.6
145 14.2 17.8 53.5#

