

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030267.D
 Acq On : 28 Jul 2022 13:17
 Operator : JC/MD
 Sample : VX0728WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBL01

Quant Time: Jul 29 05:56:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

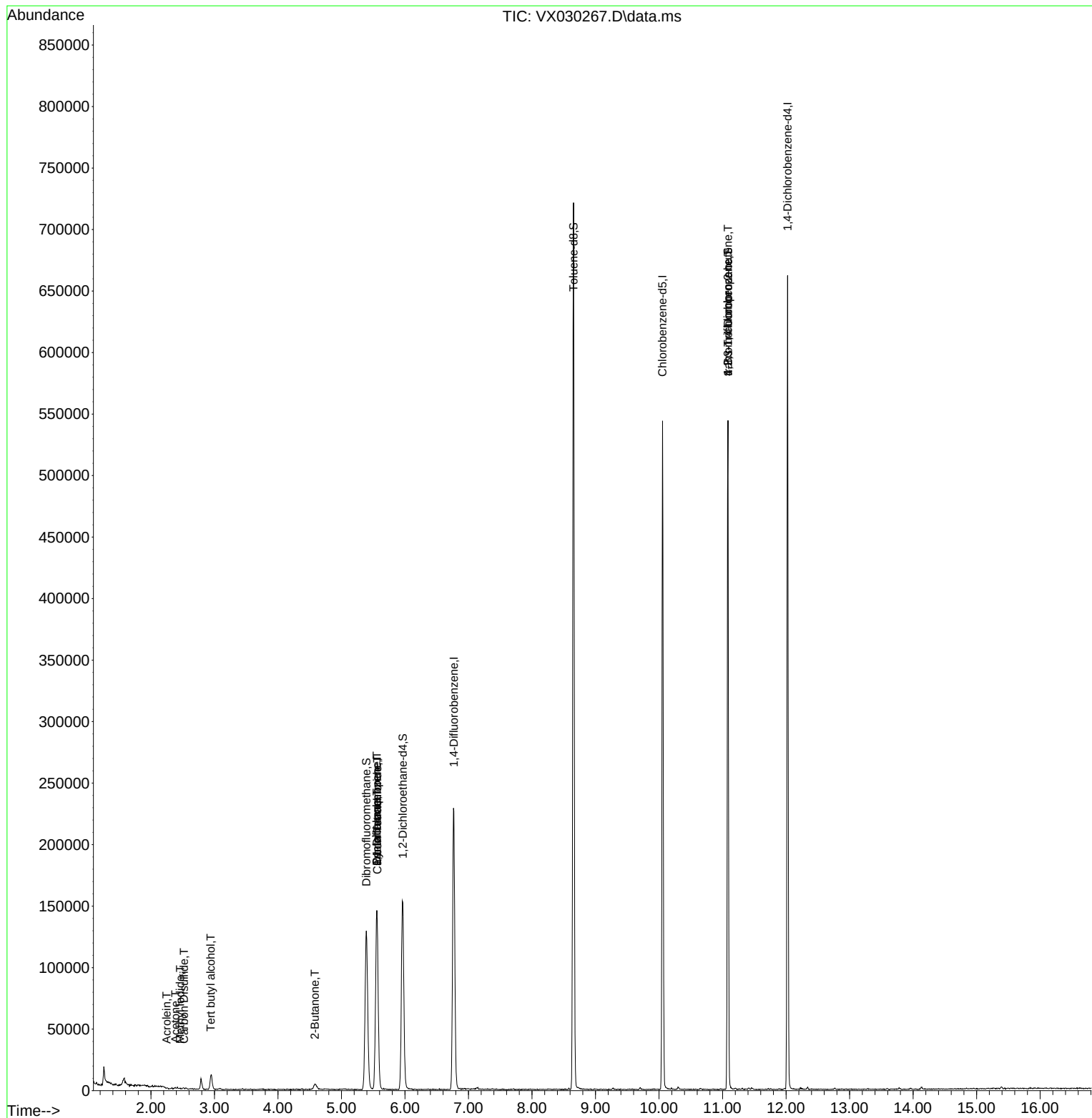
Internal Standards						
1) Pentafluorobenzene	5.556	168	133997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146979	54.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.140%	
35) Dibromofluoromethane	5.391	113	116096	52.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	8.653	98	421186	48.922	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	11.085	95	149781	46.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	594	Below Cal		100
10) Methyl Iodide	2.459	142	555	1.783 ug/l	#	65
11) Tert butyl alcohol	2.940	59	7223	10.995 ug/l	#	77
13) Acrolein	2.245	56	98	0.607 ug/l		84
16) Acetone	2.386	43	1462	1.060 ug/l	#	76
17) Carbon Disulfide	2.520	76	1488	0.263 ug/l	#	90
20) Methylene Chloride	2.788	84	3235	Below Cal	#	77
25) 2-Butanone	4.580	43	1027	0.443 ug/l	#	89
31) Cyclohexane	5.556	56	3236	0.828 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	11427	3.572 ug/l	#	48
38) Carbon Tetrachloride	5.562	117	13935	4.666 ug/l	#	18
67) Ethyl Benzene	10.195	91	392	Below Cal		92
76) 1,2,3-Trichloropropane	11.085	75	74845	22.068 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74845	66.202 ug/l	#	13

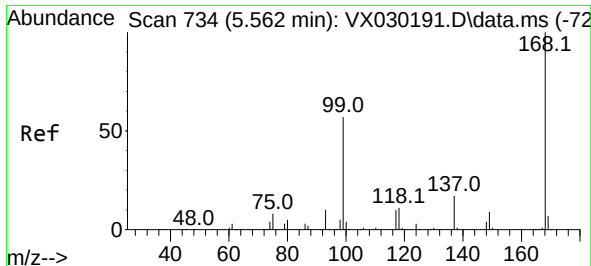
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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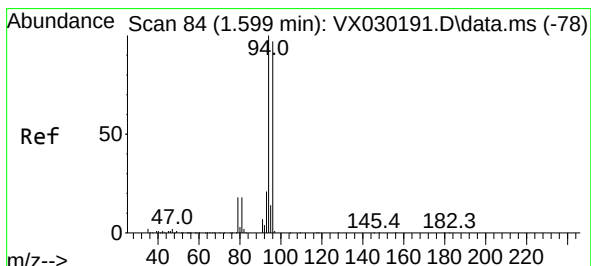
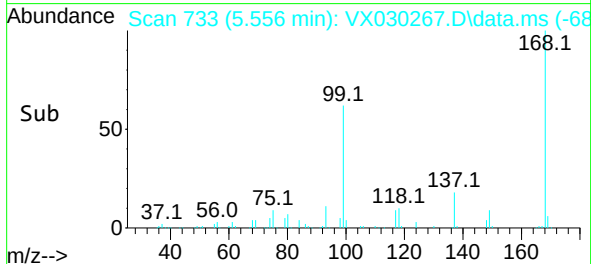
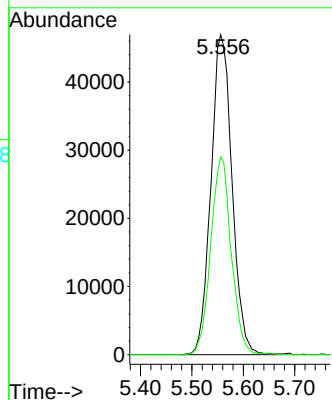
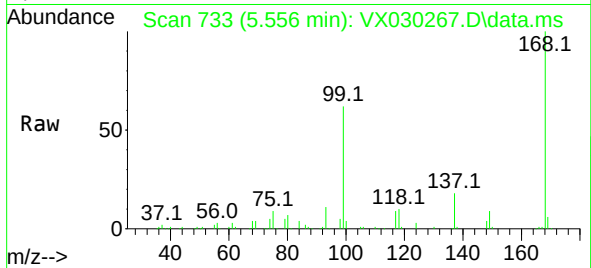




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

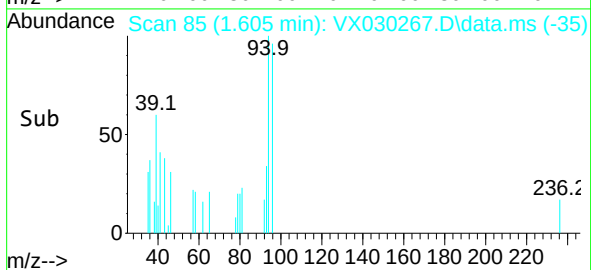
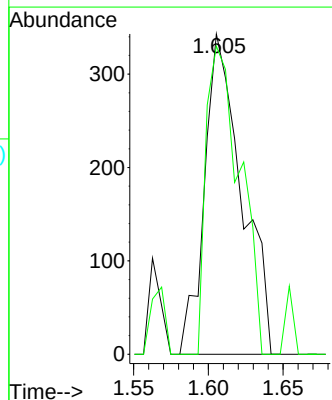
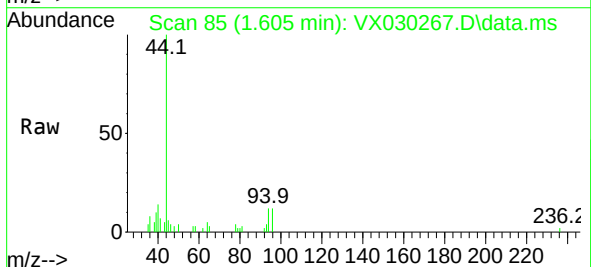
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

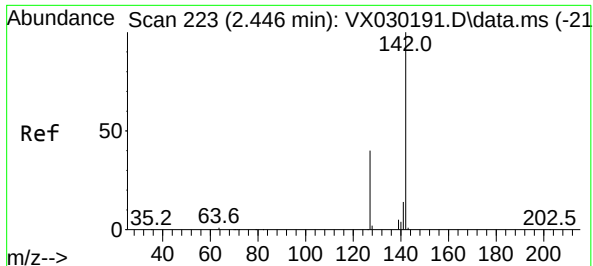
Tgt Ion:168 Resp: 133997
Ion Ratio Lower Upper
168 100
99 61.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 96.2 76.9 115.3

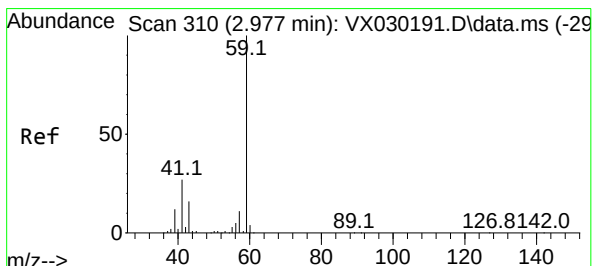
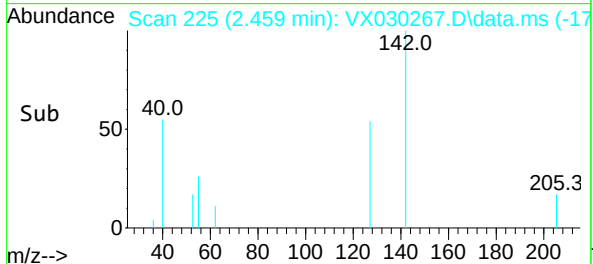
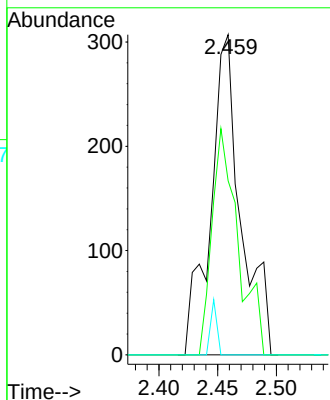
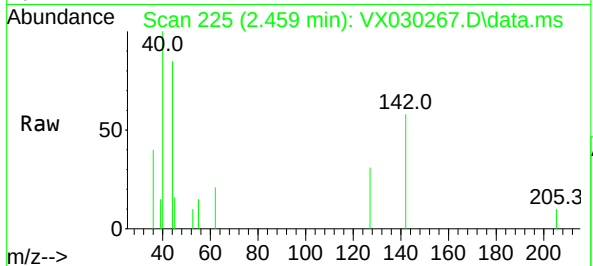




#10
Methyl Iodide
Concen: 1.783 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

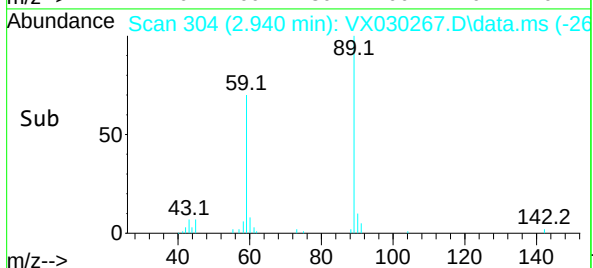
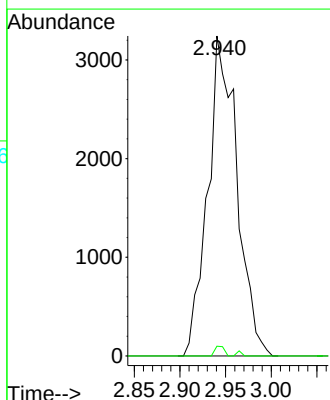
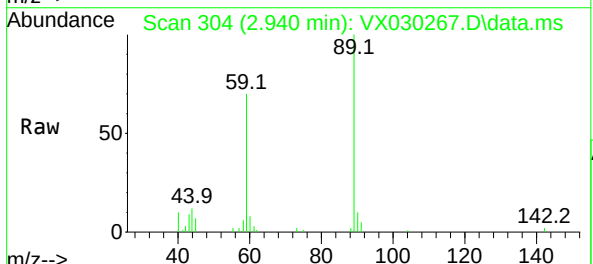
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

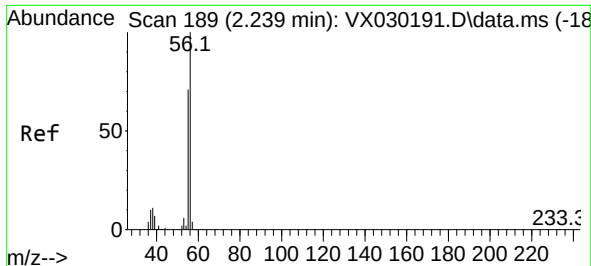
Tgt Ion:142 Resp: 555
Ion Ratio Lower Upper
142 100
127 60.4 30.2 45.2#
141 3.4 11.3 16.9#



#11
Tert butyl alcohol
Concen: 10.995 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 59 Resp: 7223
Ion Ratio Lower Upper
59 100
57 1.0 7.4 11.2#

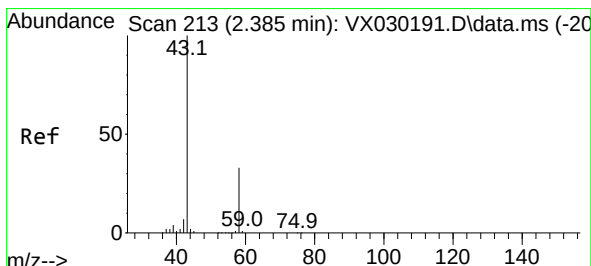
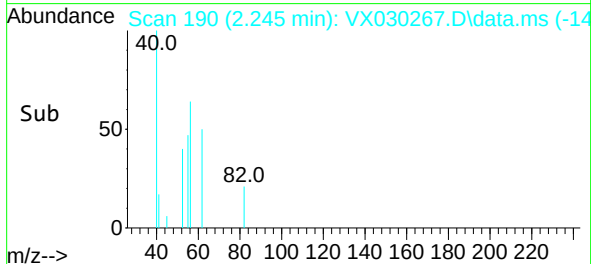
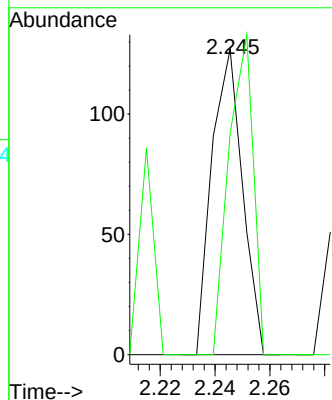
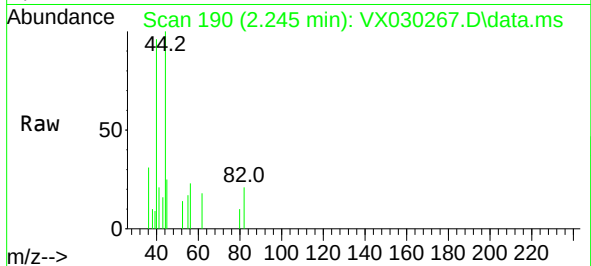




#13
Acrolein
Concen: 0.607 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

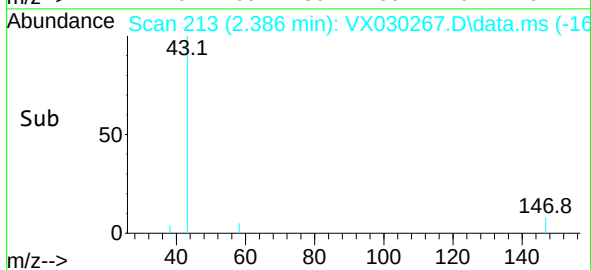
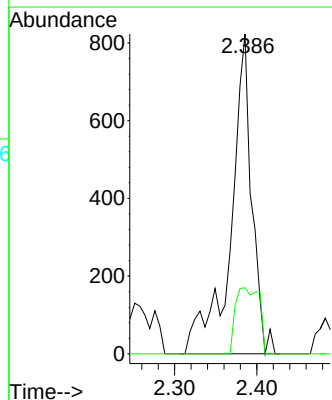
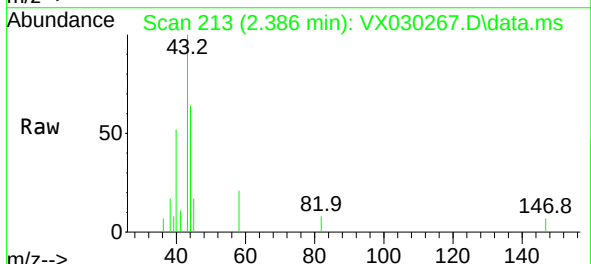
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

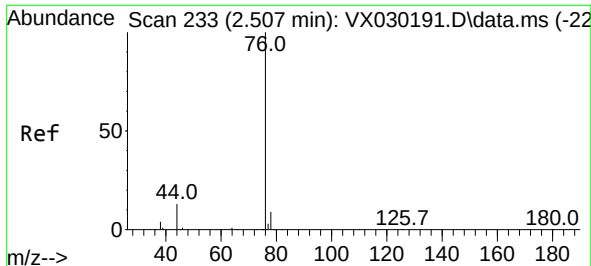
Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 83.7 56.6 84.8



#16
Acetone
Concen: 1.060 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 20.7 27.7 41.5#

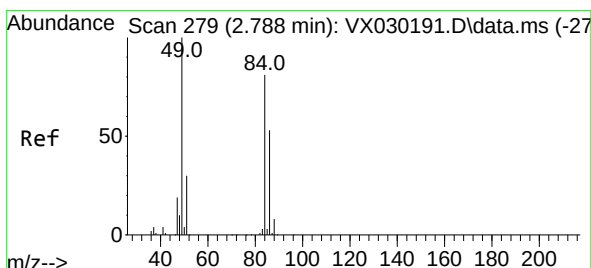
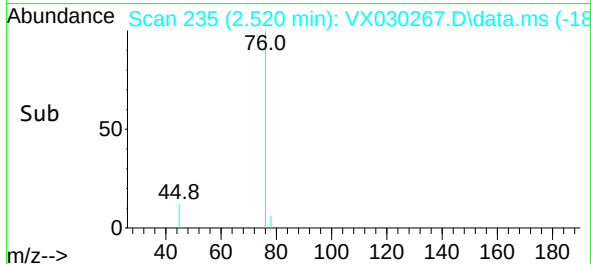
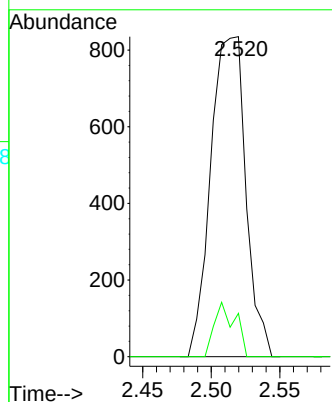
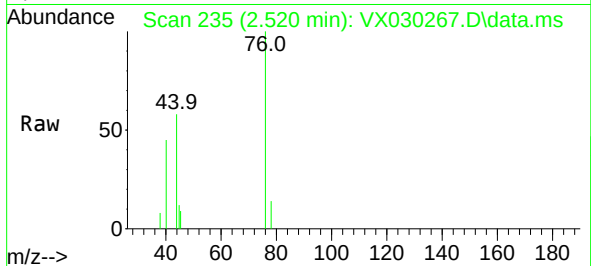




#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

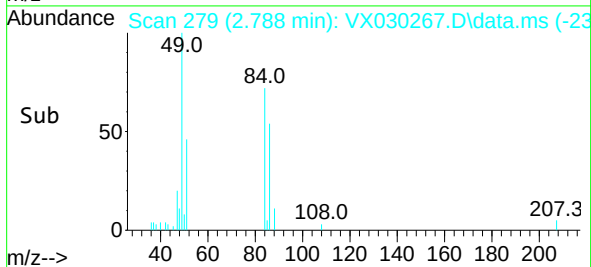
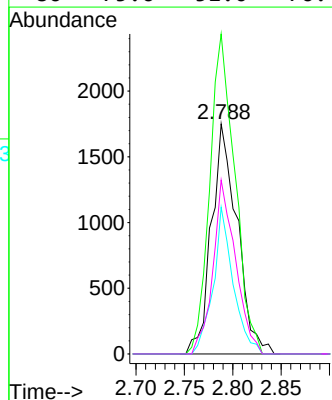
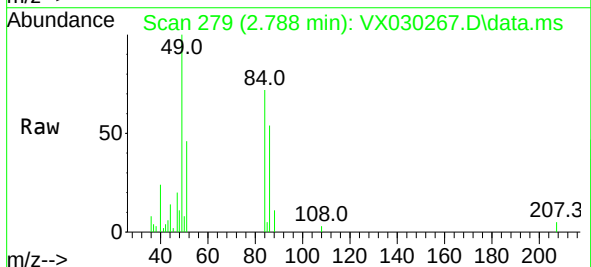
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

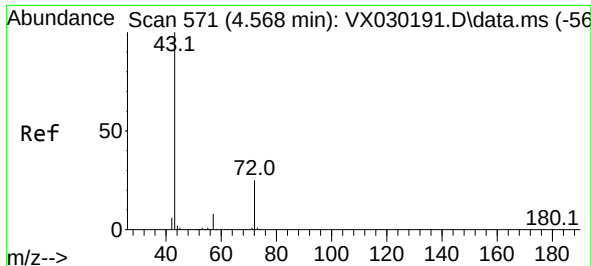
Tgt Ion: 76 Resp: 1488
Ion Ratio Lower Upper
76 100
78 13.5 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 84 Resp: 3235
Ion Ratio Lower Upper
84 100
49 139.1 93.8 140.6
51 63.8 29.4 44.0#
86 75.6 51.0 76.4

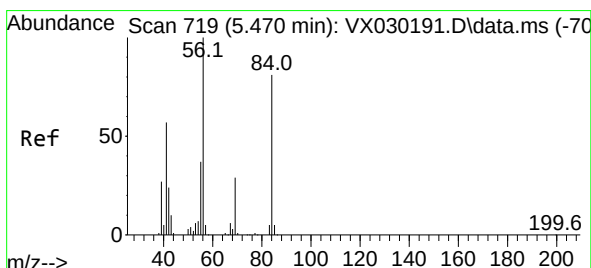
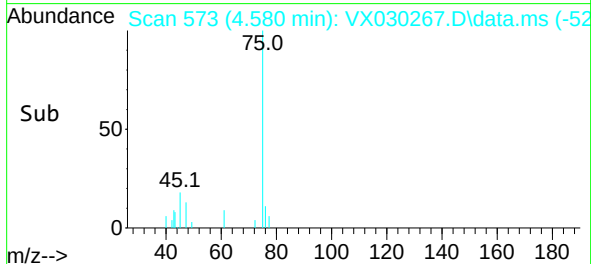
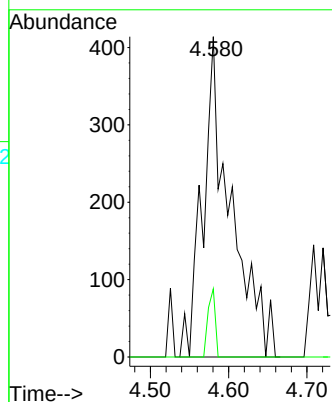
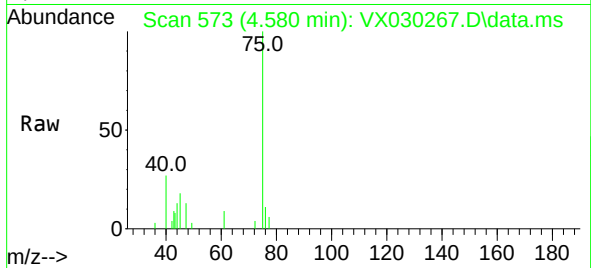




#25
2-Butanone
Concen: 0.443 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

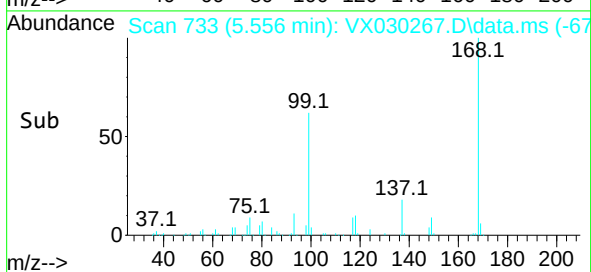
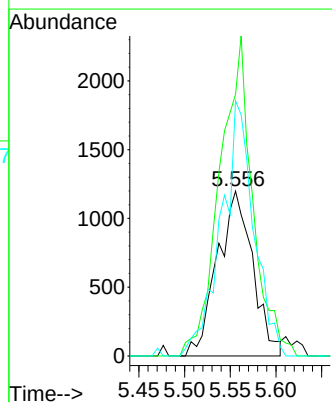
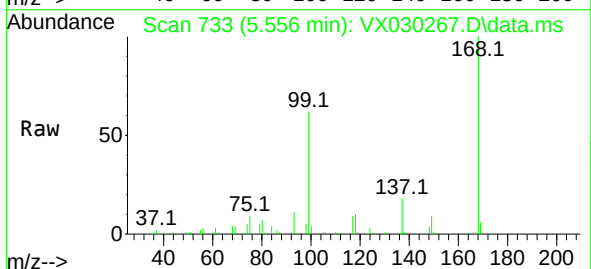
Instrument :
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ClientSampleId :
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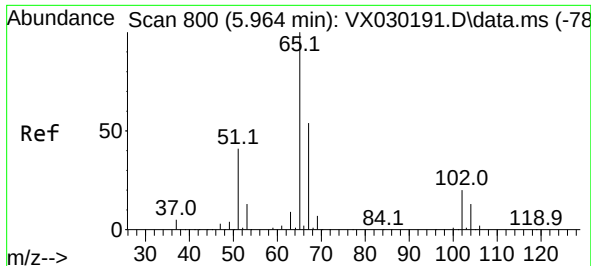
Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
72 21.3 21.7 32.5#



#31
Cyclohexane
Concen: 0.828 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 56 Resp: 3236
Ion Ratio Lower Upper
56 100
69 152.5 25.4 38.0#
84 148.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.573 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030267.D

Acq: 28 Jul 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

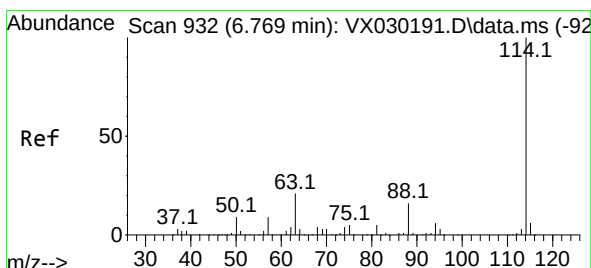
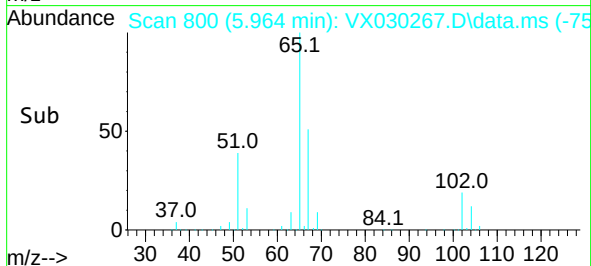
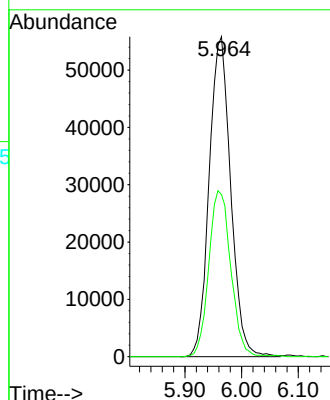
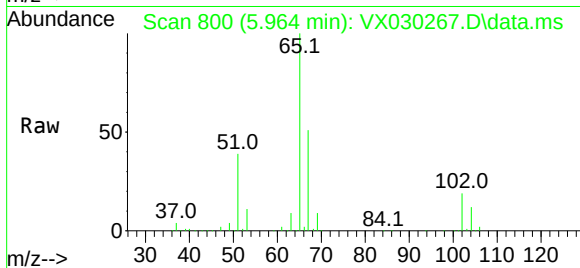
VX0728WBL01

Tgt Ion: 65 Resp: 146979

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030267.D

Acq: 28 Jul 2022 13:17

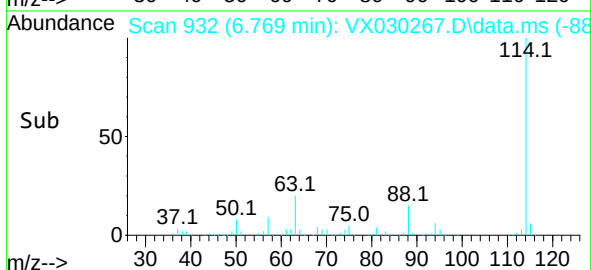
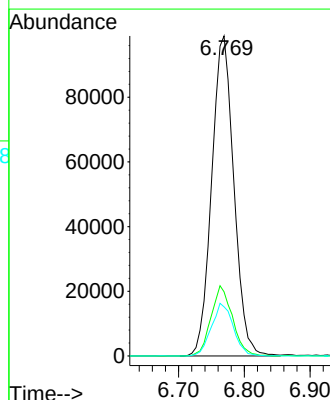
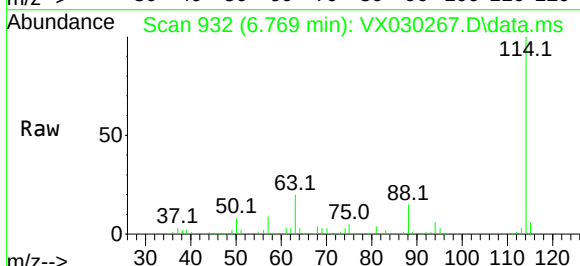
Tgt Ion: 114 Resp: 232554

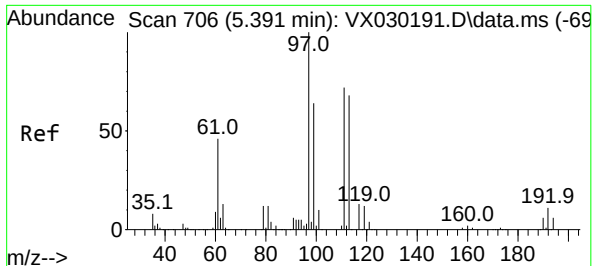
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.223 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030267.D

Acq: 28 Jul 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBL01

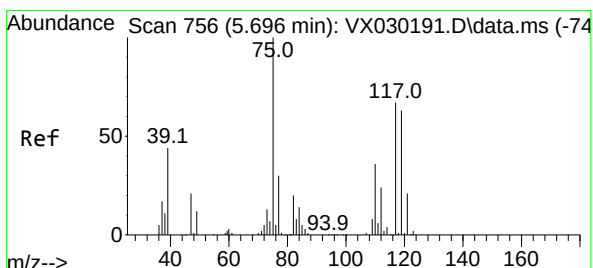
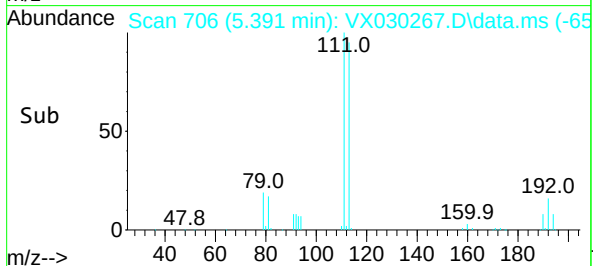
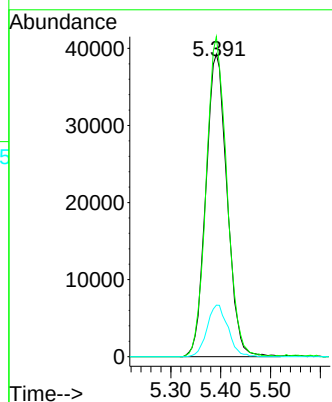
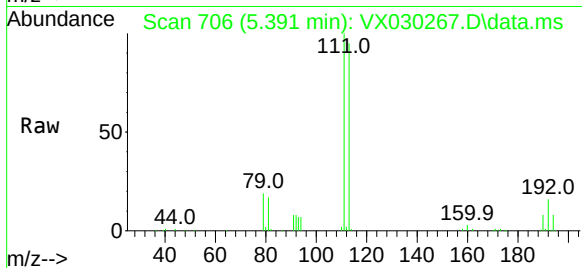
Tgt Ion:113 Resp: 116096

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 16.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.572 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030267.D

Acq: 28 Jul 2022 13:17

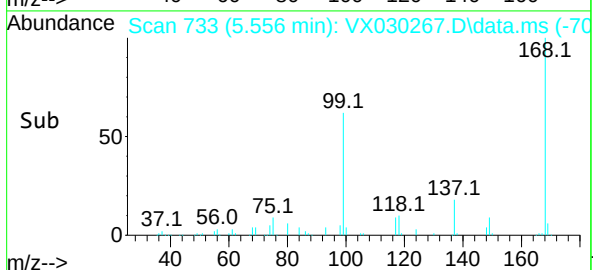
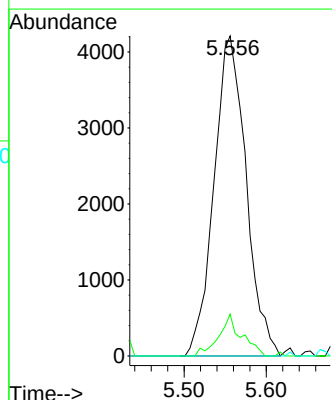
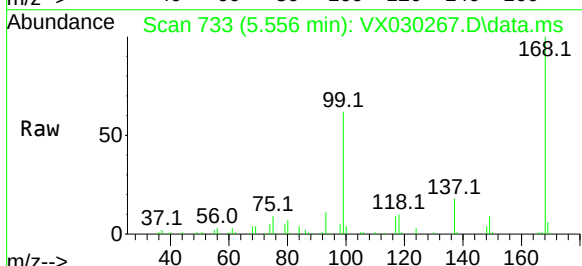
Tgt Ion: 75 Resp: 11427

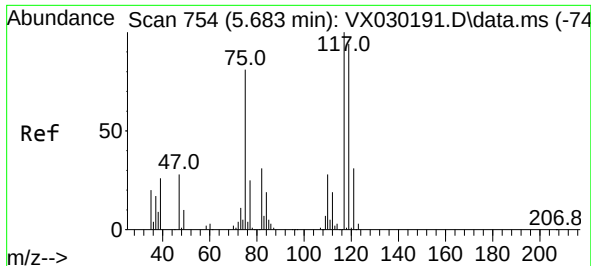
Ion Ratio Lower Upper

75 100

110 9.3 19.3 57.9#

77 0.0 24.4 36.6#

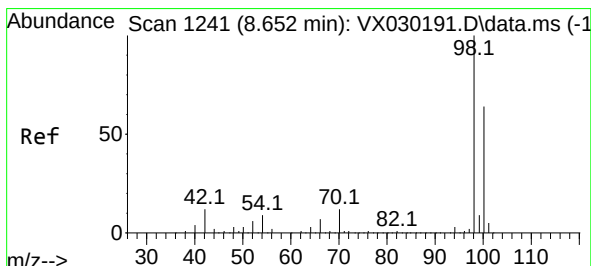
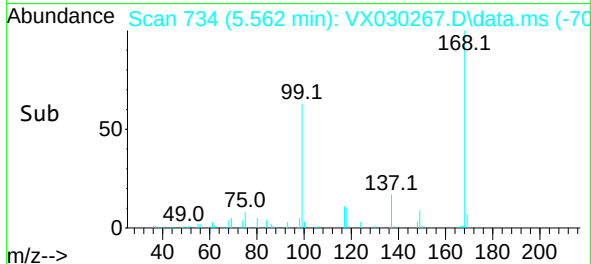
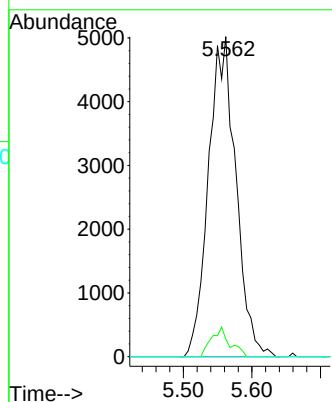
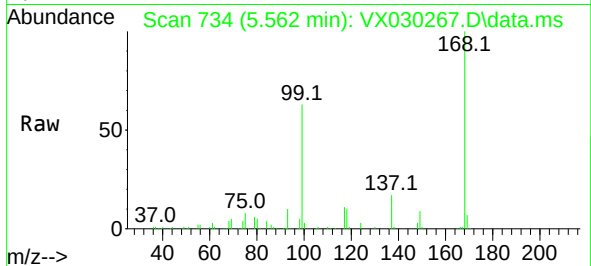




#38
Carbon Tetrachloride
Concen: 4.666 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

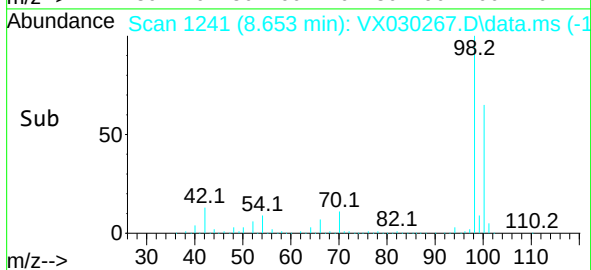
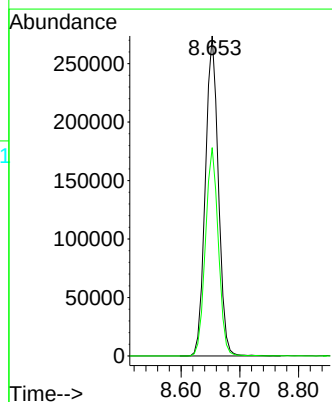
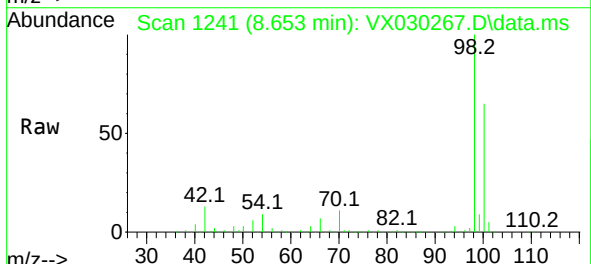
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

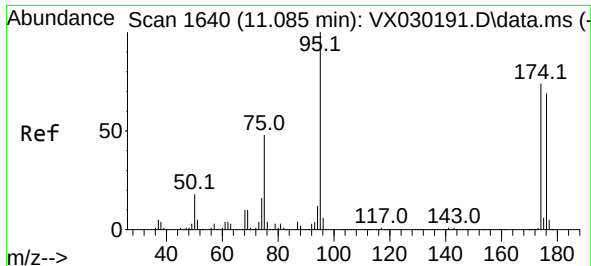
Tgt Ion:117 Resp: 13935
Ion Ratio Lower Upper
117 100
119 5.5 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.922 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 98 Resp: 421186
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

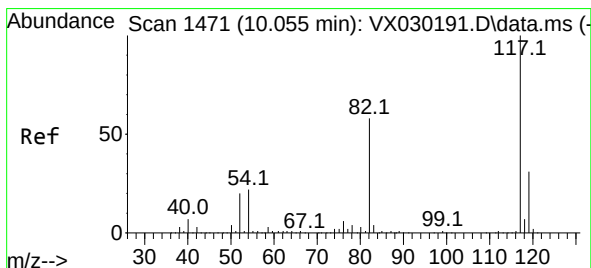
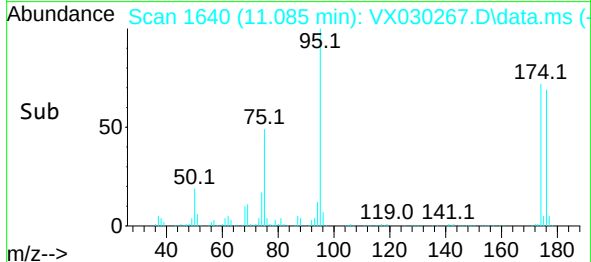
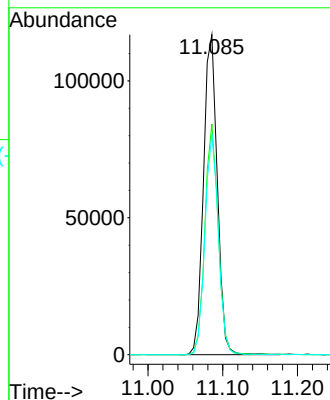
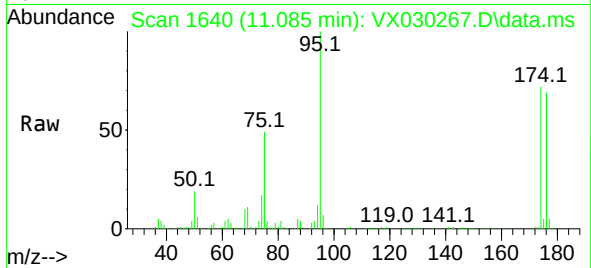




#62
4-Bromofluorobenzene
Concen: 46.878 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

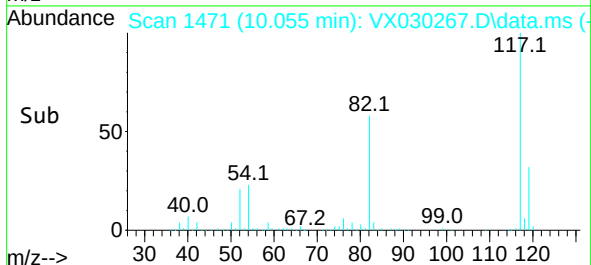
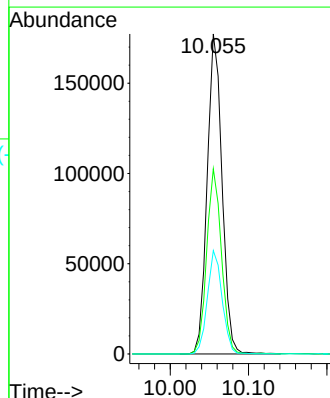
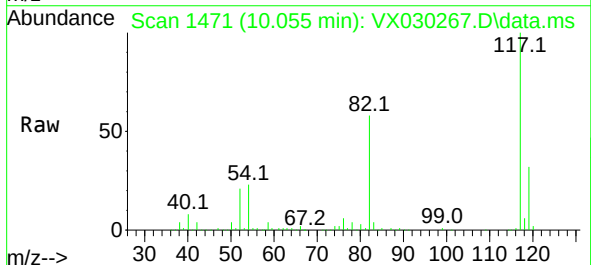
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

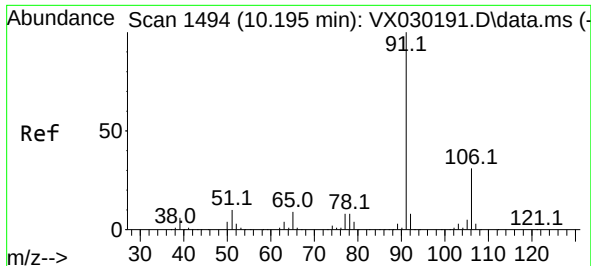
Tgt Ion: 95 Resp: 149781
Ion Ratio Lower Upper
95 100
174 69.5 0.0 149.0
176 67.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 117 Resp: 232881
Ion Ratio Lower Upper
117 100
82 57.8 42.7 64.1
119 32.3 25.4 38.2

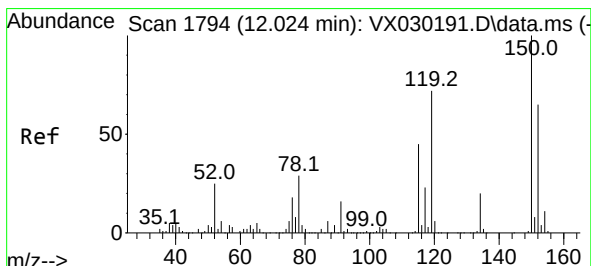
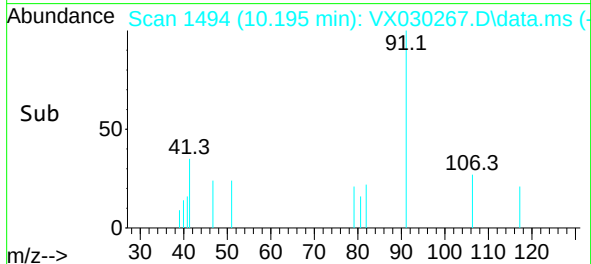
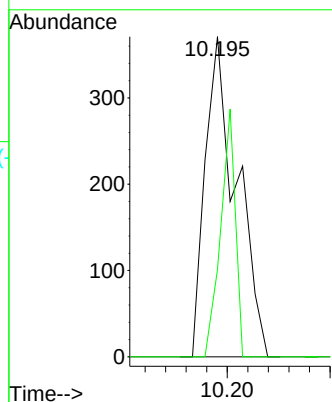
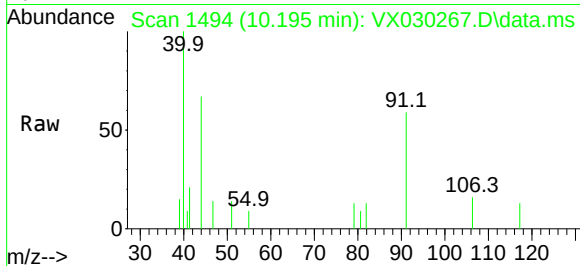




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

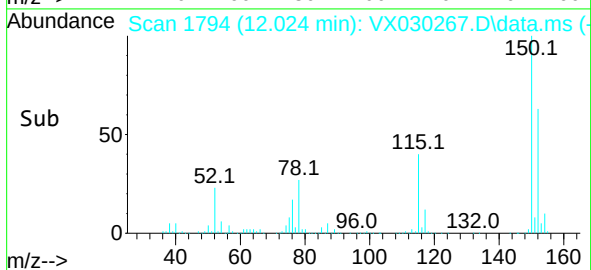
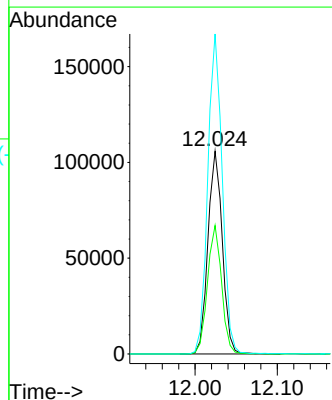
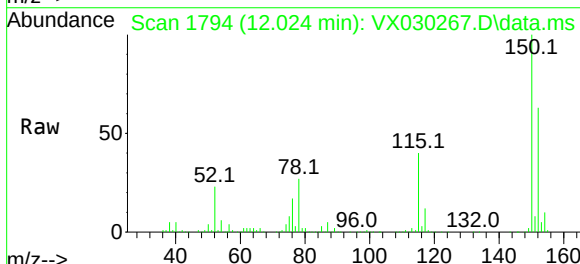
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

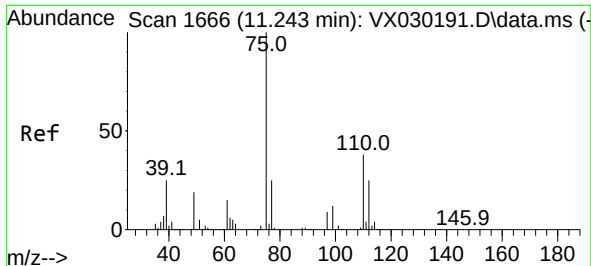
Tgt Ion: 91 Resp: 392
Ion Ratio Lower Upper
91 100
106 27.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion:152 Resp: 128667
Ion Ratio Lower Upper
152 100
115 62.2 40.5 121.5
150 158.6 0.0 347.0

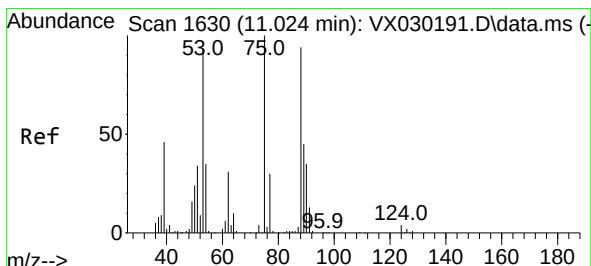
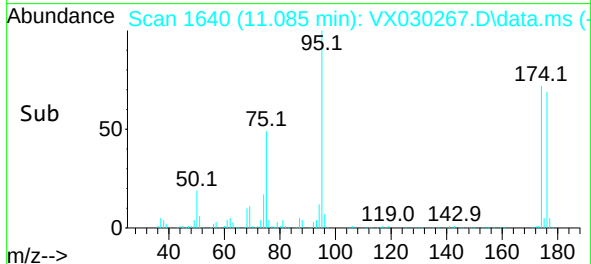
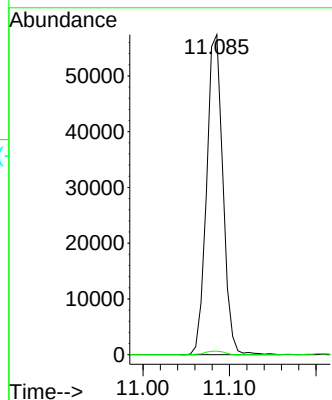
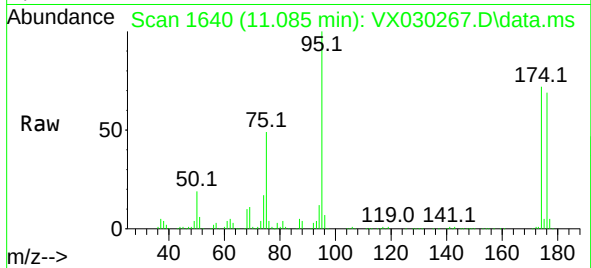




#76
1,2,3-Trichloropropane
Concen: 22.068 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

Tgt Ion: 75 Resp: 74845
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.202 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030267.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 75 Resp: 74845
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

