

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025381.D
 Acq On : 29 Nov 2021 19:42
 Operator : JC/MD
 Sample : M4837-20 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20937

Quant Time: Nov 30 04:04:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

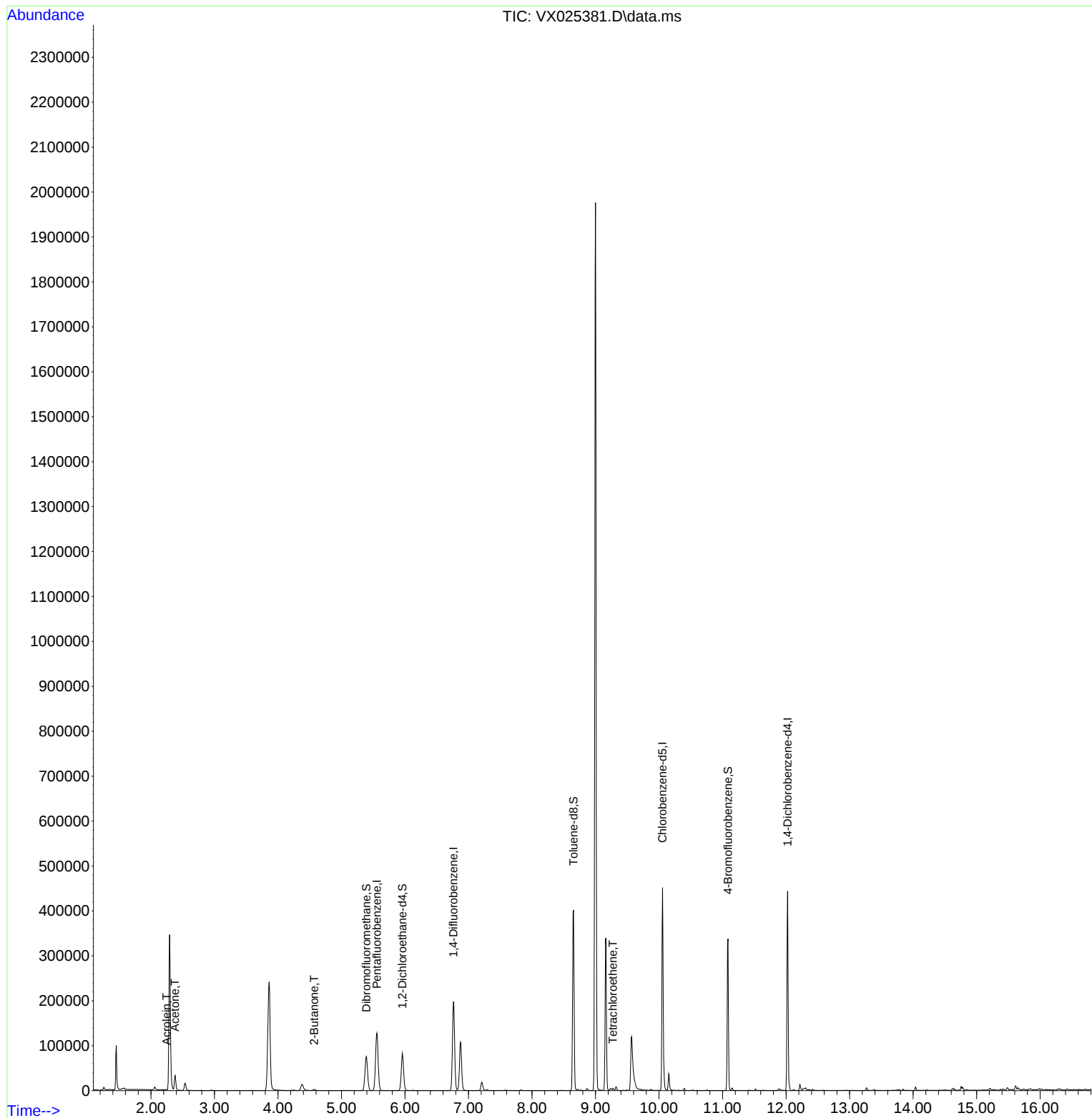
Internal Standards						
1) Pentafluorobenzene	5.556	168	132253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72509	52.014	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.020%
35) Dibromofluoromethane	5.391	113	66303	49.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	8.653	98	248403	49.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.085	95	90297	47.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.520%
Target Compounds						
					Qvalue	
13) Acrolein	2.245	56	1190	18.633	ug/l	# 78
16) Acetone	2.380	43	32793	42.335	ug/l	91
25) 2-Butanone	4.568	43	3054	2.727	ug/l	99
64) Tetrachloroethene	9.275	164	883	0.531	ug/l	92

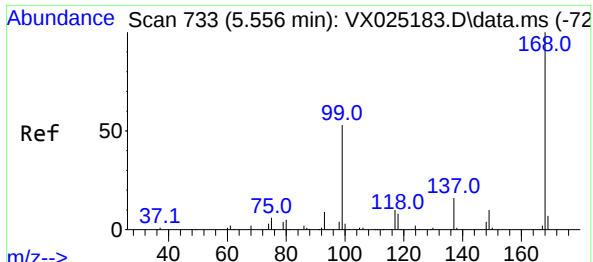
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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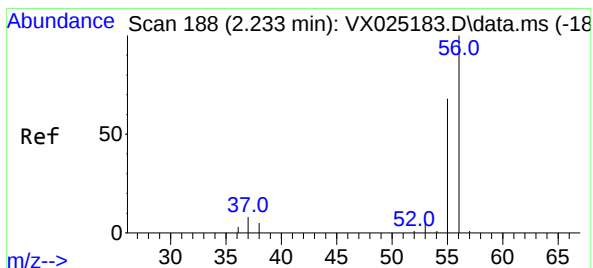
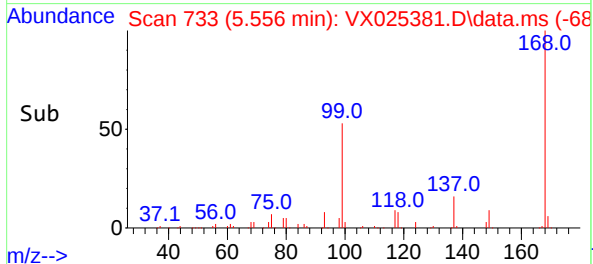
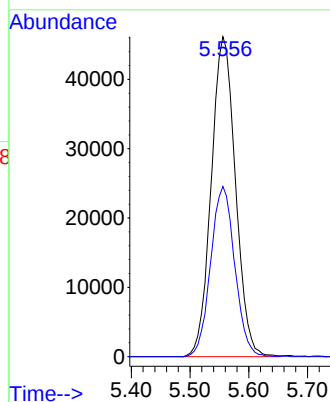
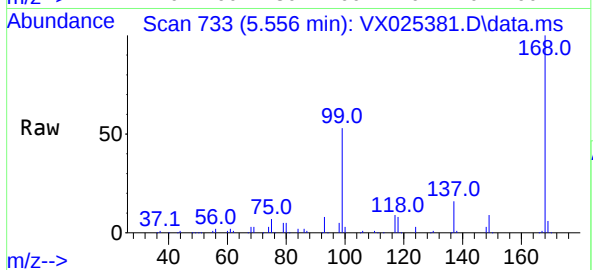




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025381.D
Acq: 29 Nov 2021 19:42

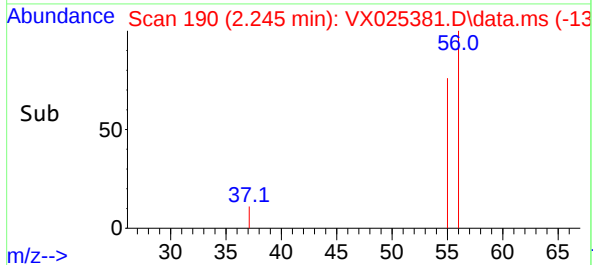
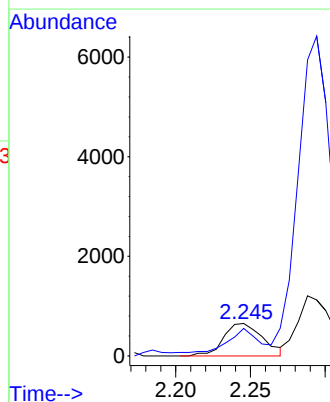
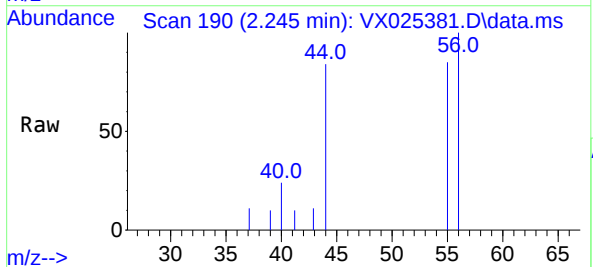
Instrument :
MSVOA_X
ClientSampleId :
20937

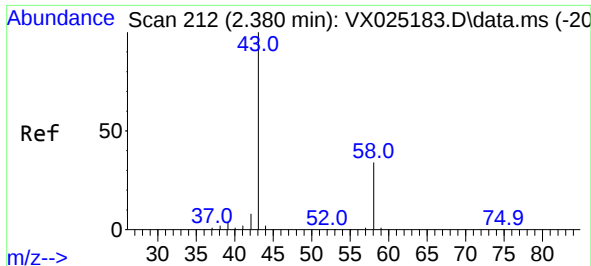
Tgt Ion:168 Resp: 132253
Ion Ratio Lower Upper
168 100
99 53.2 46.4 69.6



#13
Acrolein
Concen: 18.633 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX025381.D
Acq: 29 Nov 2021 19:42

Tgt Ion: 56 Resp: 1190
Ion Ratio Lower Upper
56 100
55 54.5 58.6 87.8#

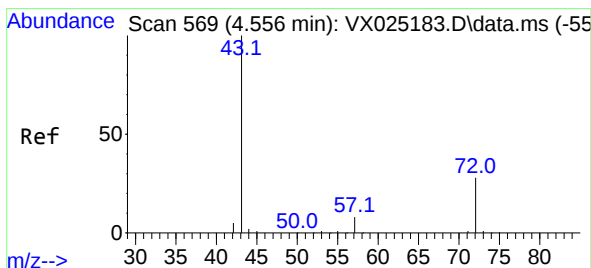
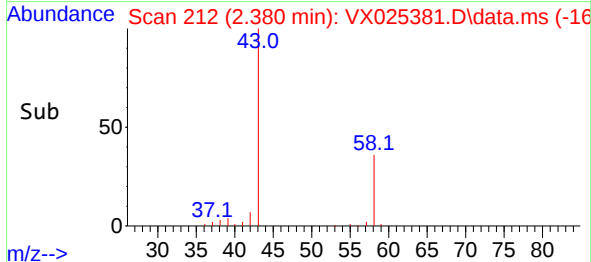
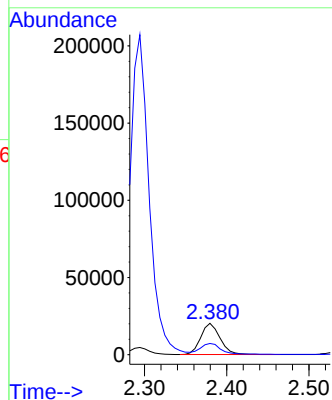
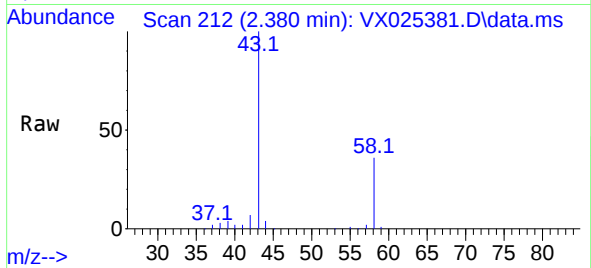




#16
Acetone
Concen: 42.335 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025381.D
Acq: 29 Nov 2021 19:42

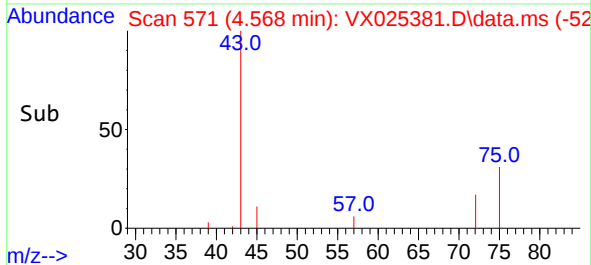
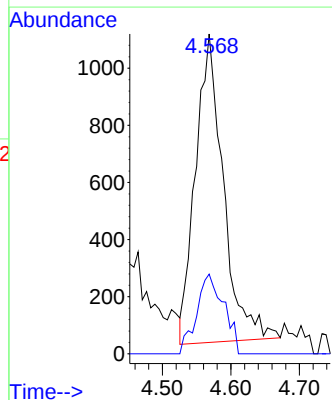
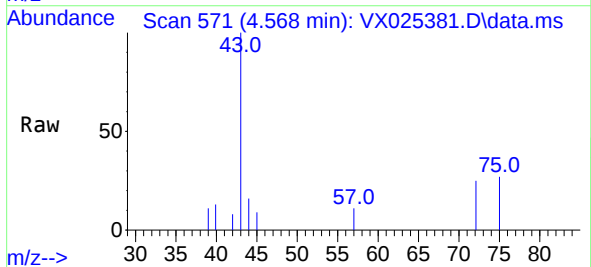
Instrument :
MSVOA_X
ClientSampleId :
20937

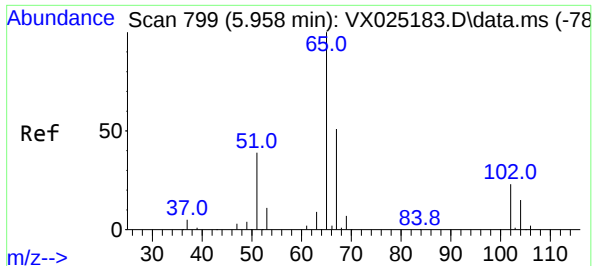
Tgt Ion: 43 Resp: 32793
Ion Ratio Lower Upper
43 100
58 34.8 24.0 36.0



#25
2-Butanone
Concen: 2.727 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX025381.D
Acq: 29 Nov 2021 19:42

Tgt Ion: 43 Resp: 3054
Ion Ratio Lower Upper
43 100
72 26.2 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 52.014 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025381.D

Acq: 29 Nov 2021 19:42

Instrument :

MSVOA_X

ClientSampleId :

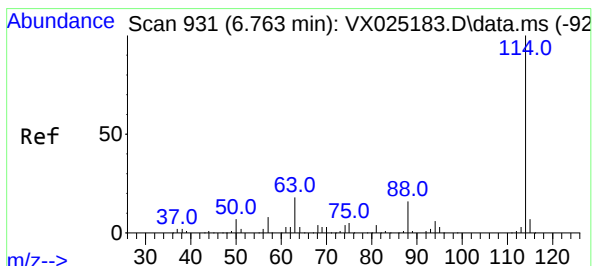
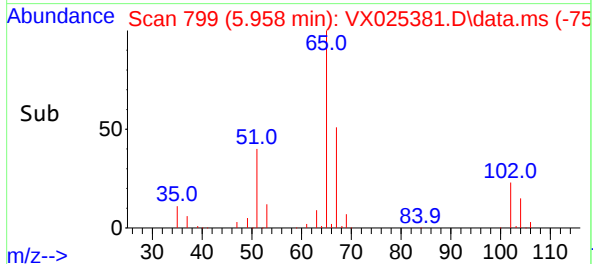
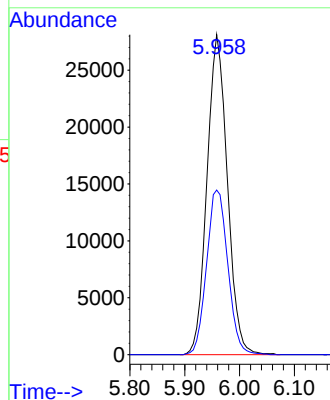
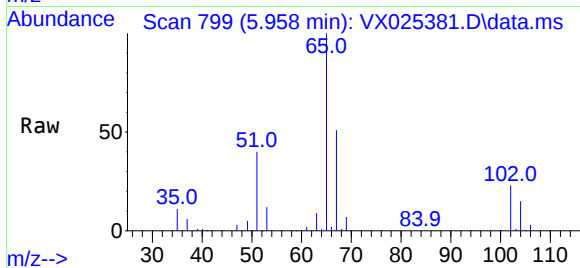
20937

Tgt Ion: 65 Resp: 72509

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025381.D

Acq: 29 Nov 2021 19:42

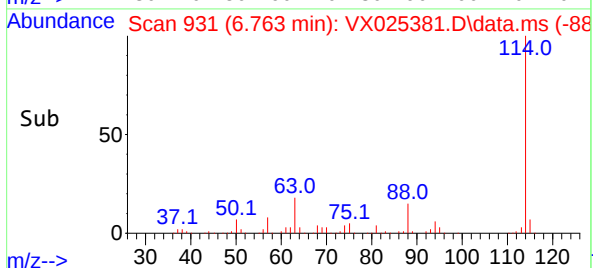
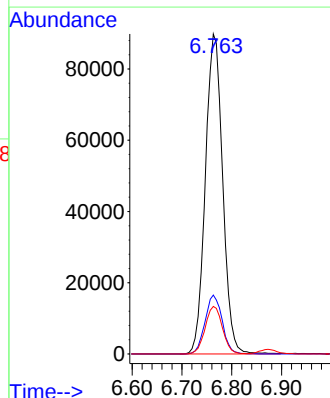
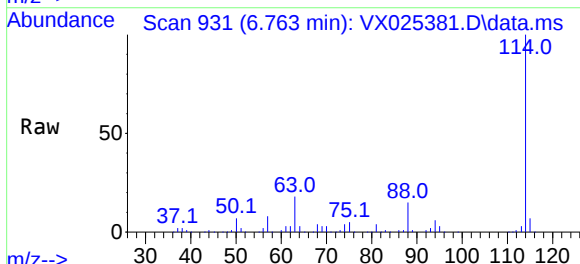
Tgt Ion: 114 Resp: 216623

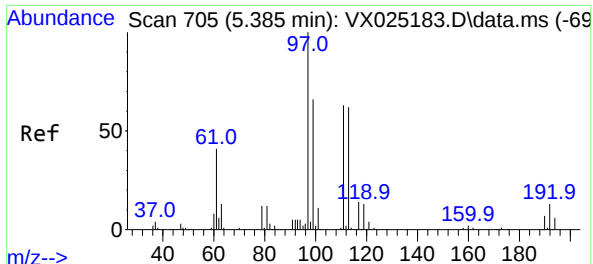
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.0

88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.885 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025381.D

Acq: 29 Nov 2021 19:42

Instrument :

MSVOA_X

ClientSampleId :

20937

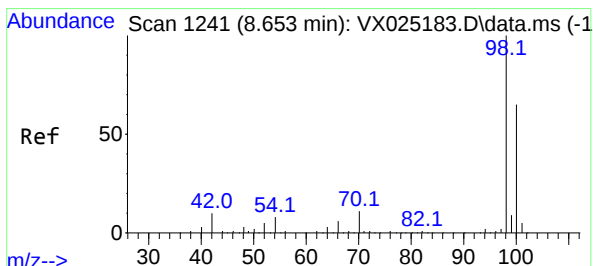
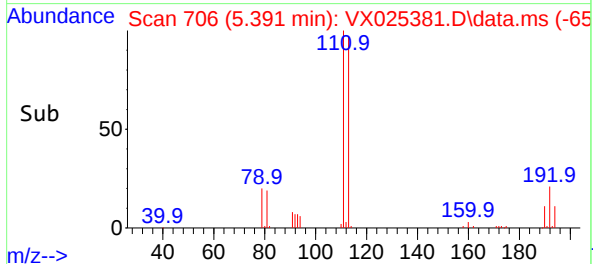
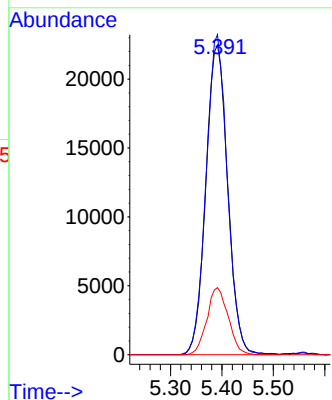
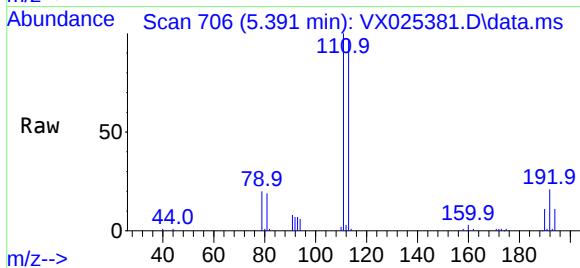
Tgt Ion:113 Resp: 66303

Ion Ratio Lower Upper

113 100

111 101.2 82.1 123.1

192 21.1 15.6 23.4



#50

Toluene-d8

Concen: 49.707 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025381.D

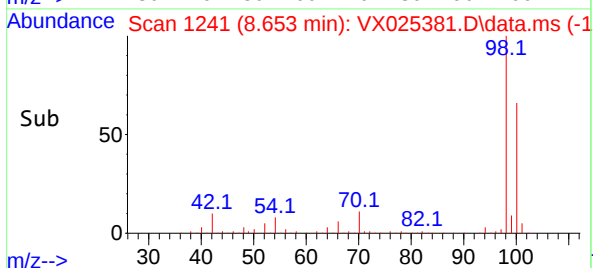
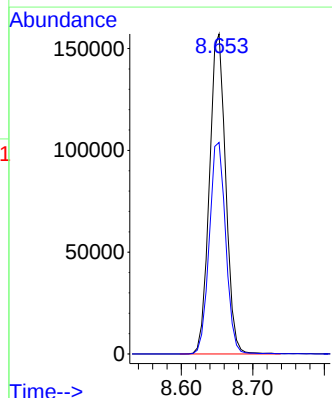
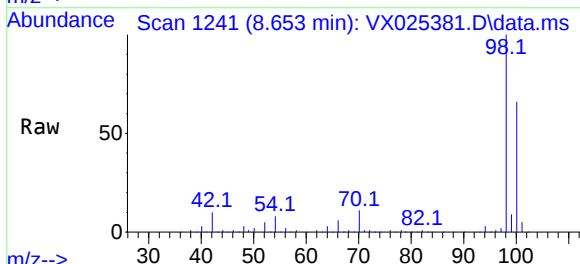
Acq: 29 Nov 2021 19:42

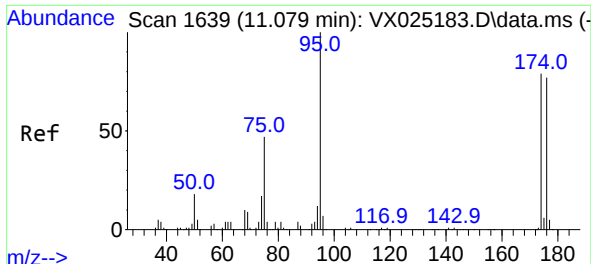
Tgt Ion: 98 Resp: 248403

Ion Ratio Lower Upper

98 100

100 66.7 51.4 77.0

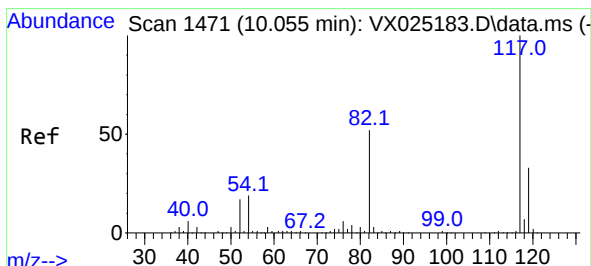
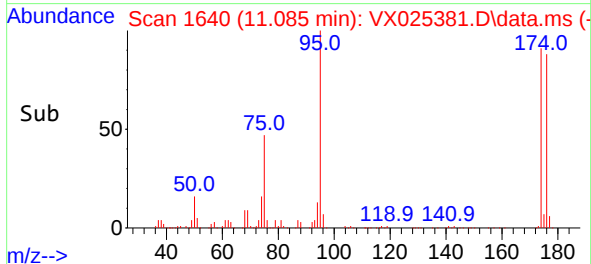
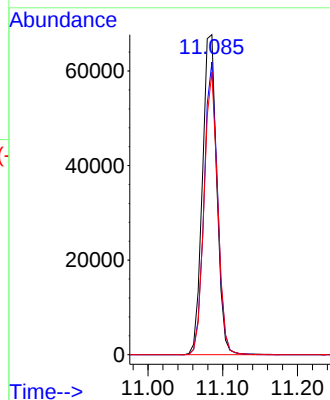
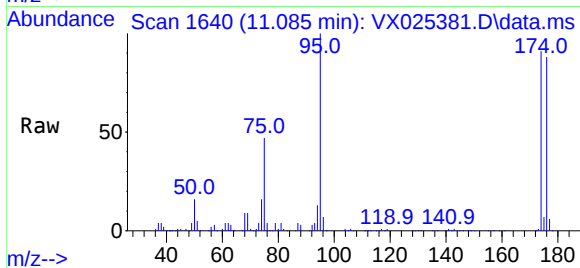




#62
4-Bromofluorobenzene
Concen: 47.762 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025381.D
Acq: 29 Nov 2021 19:42

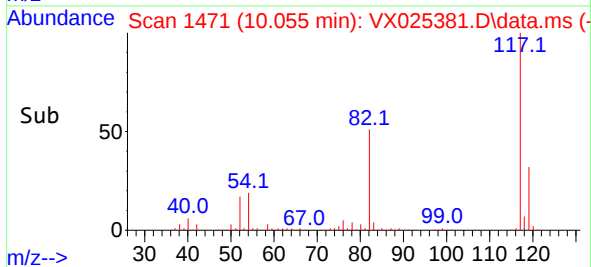
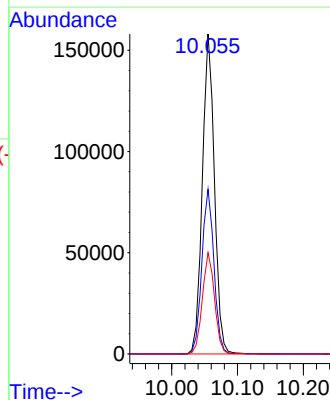
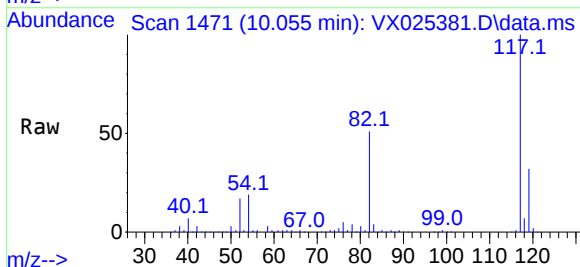
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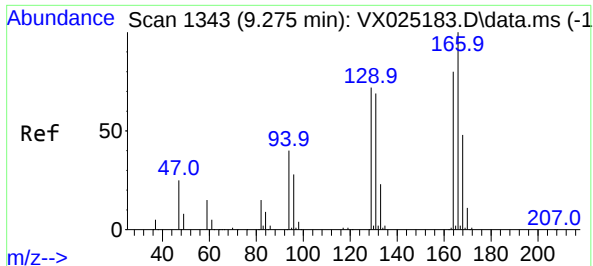
Tgt Ion: 95 Resp: 90297
Ion Ratio Lower Upper
95 100
174 85.8 0.0 158.0
176 83.5 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025381.D
Acq: 29 Nov 2021 19:42

Tgt Ion: 117 Resp: 201611
Ion Ratio Lower Upper
117 100
82 51.4 44.6 67.0
119 31.7 24.8 37.2



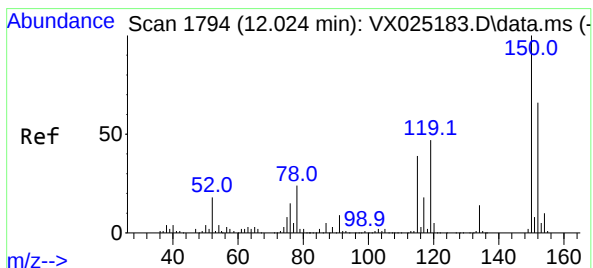
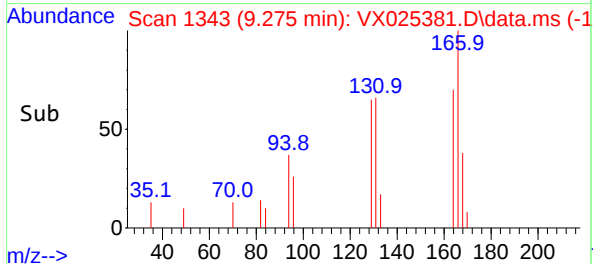
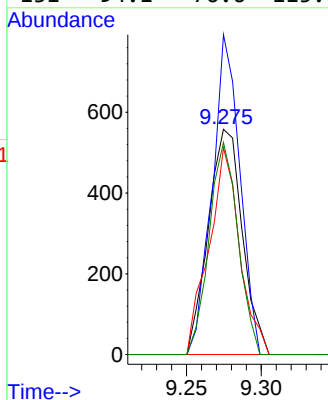
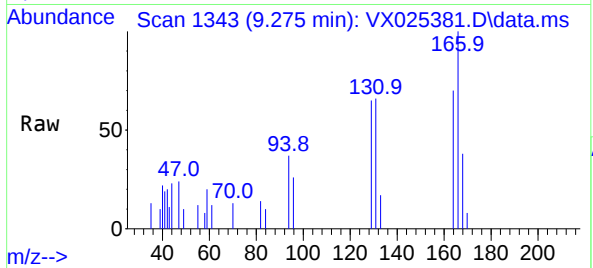


#64
Tetrachloroethene
Concen: 0.531 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025381.D
Acq: 29 Nov 2021 19:42

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 883

Ion	Ratio	Lower	Upper
164	100		
166	141.9	103.2	154.8
129	91.8	81.0	121.4
131	94.1	76.6	115.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025381.D
Acq: 29 Nov 2021 19:42

Tgt Ion:152 Resp: 94236

Ion	Ratio	Lower	Upper
152	100		
115	56.8	43.3	129.8
150	155.0	0.0	351.2

