

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027218.D
 Acq On : 28 Feb 2022 12:41
 Operator : JC/MD
 Sample : VX0228WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 01 00:42:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

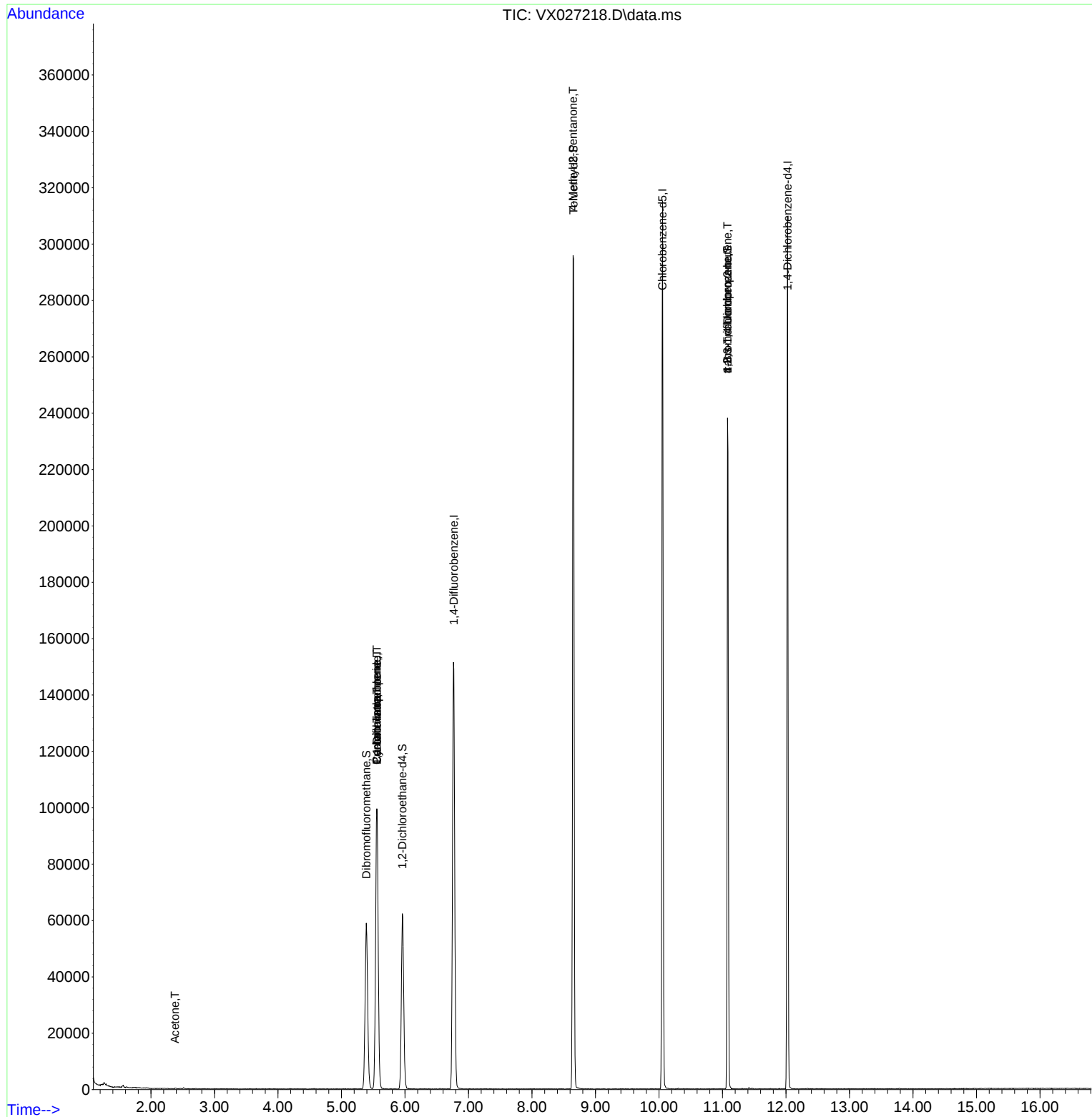
Internal Standards						
1) Pentafluorobenzene	5.556	168	97633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	161869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59114	50.414	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.820%		
35) Dibromofluoromethane	5.391	113	50938	50.697	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.400%		
50) Toluene-d8	8.653	98	184466	49.101	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.200%		
62) 4-Bromofluorobenzene	11.079	95	67057	46.500	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.000%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	197	Below Cal	#	60
16) Acetone	2.380	43	368	0.715	ug/l #	46
31) Cyclohexane	5.556	56	1761	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7124	4.858	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9717	6.354	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	757	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33271	26.150	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	33271	73.831	ug/l #	3

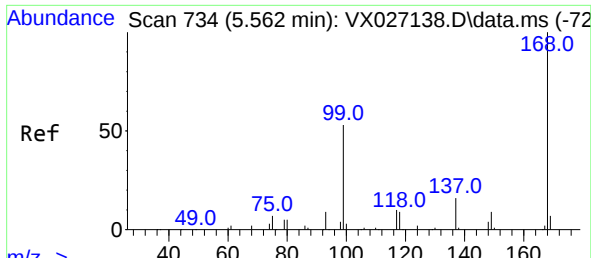
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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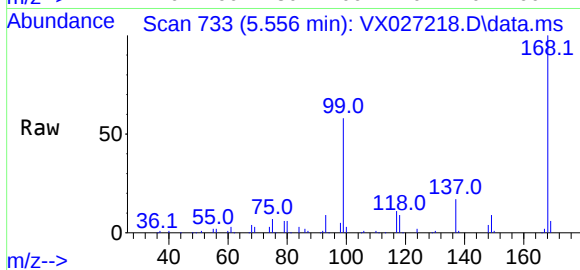
Quant Time: Mar 01 00:42:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



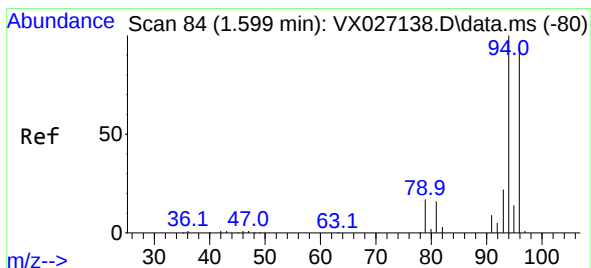
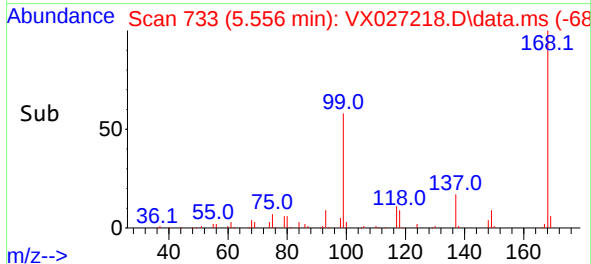
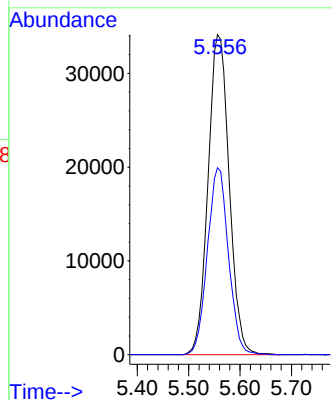


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :

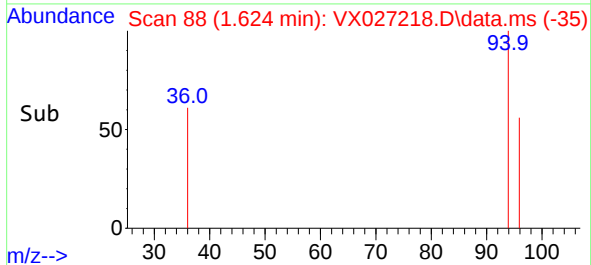
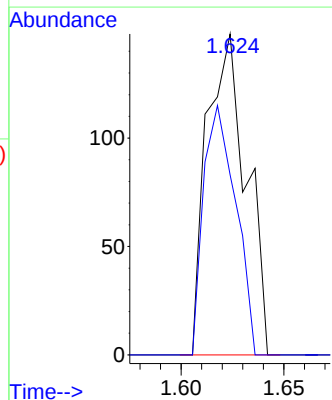
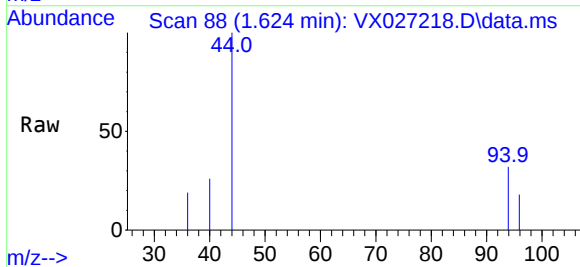


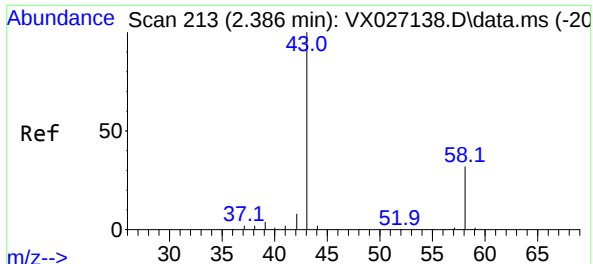
Tgt Ion:168 Resp: 97633
Ion Ratio Lower Upper
168 100
99 58.4 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 56.1 75.9 113.9#

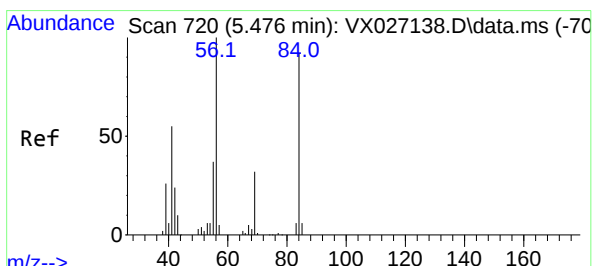
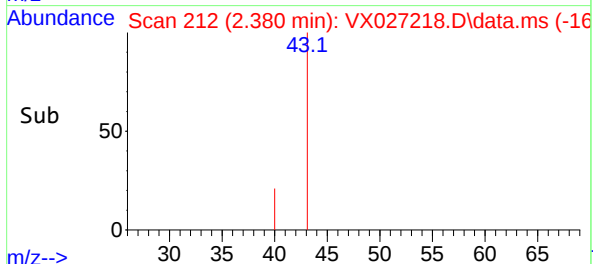
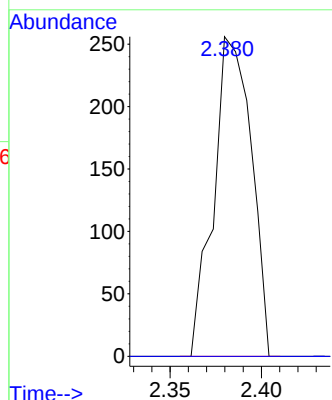
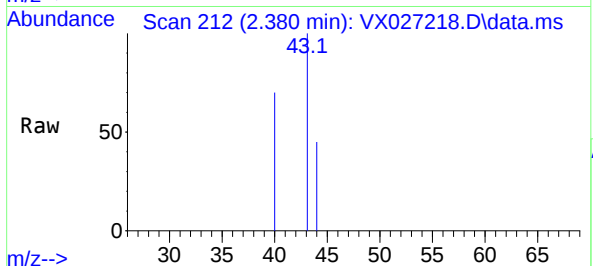




#16
Acetone
Concen: 0.715 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

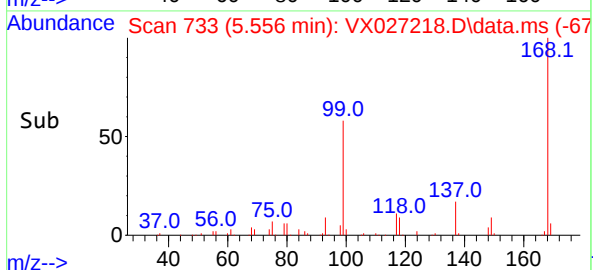
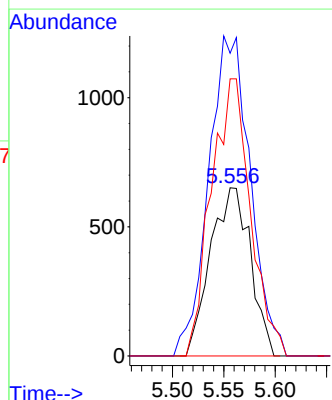
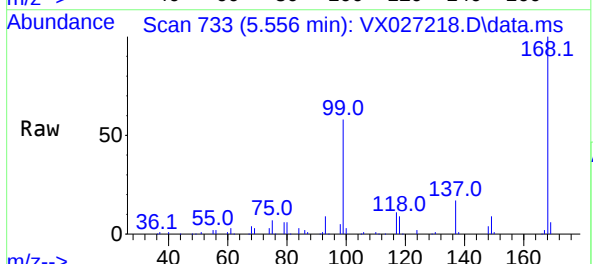
Instrument :
MSVOA_X
ClientSampleId :

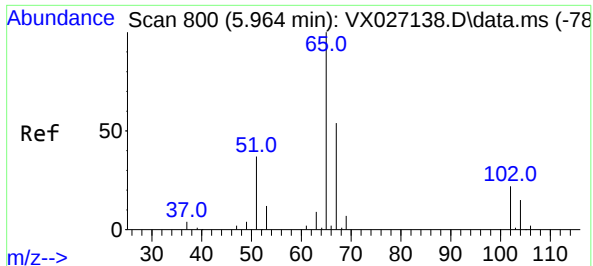
Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Tgt Ion: 56 Resp: 1761
Ion Ratio Lower Upper
56 100
69 168.4 25.8 38.6#
84 164.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.414 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027218.D

Acq: 28 Feb 2022 12:41

Instrument :

MSVOA_X

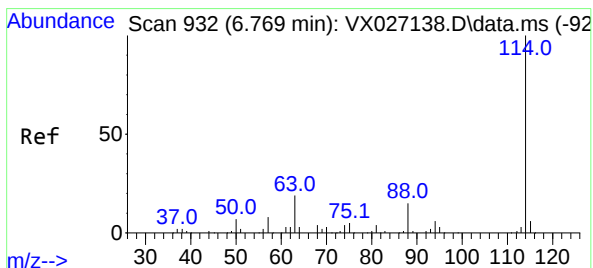
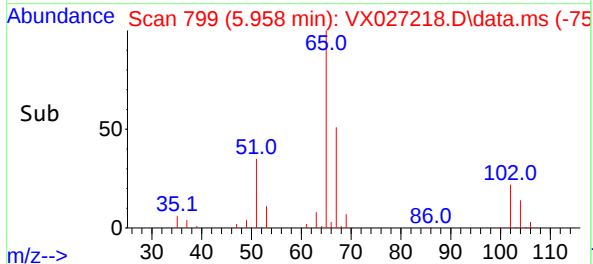
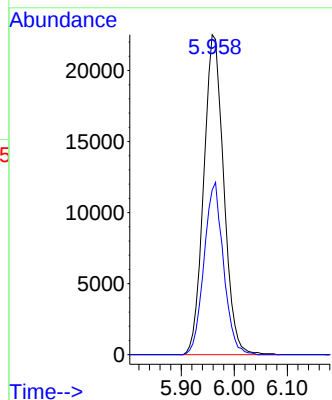
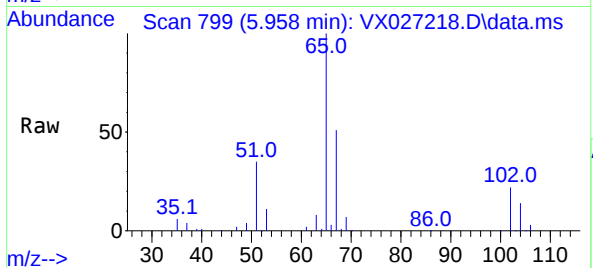
ClientSampleId :

Tgt Ion: 65 Resp: 59114

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027218.D

Acq: 28 Feb 2022 12:41

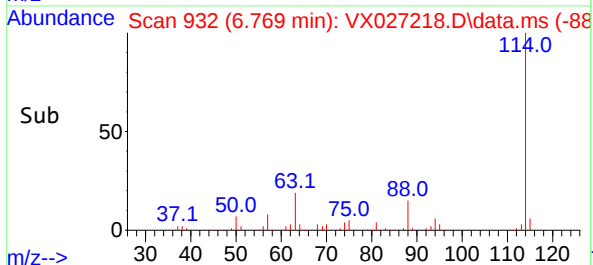
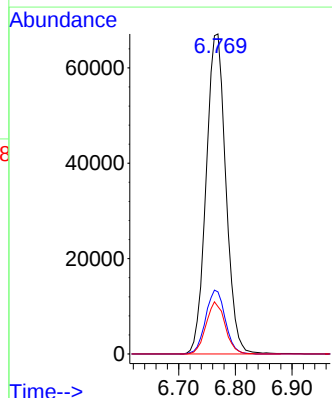
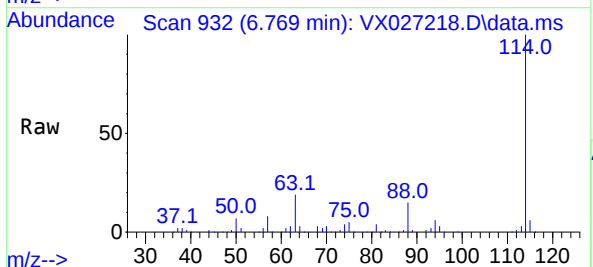
Tgt Ion: 114 Resp: 161869

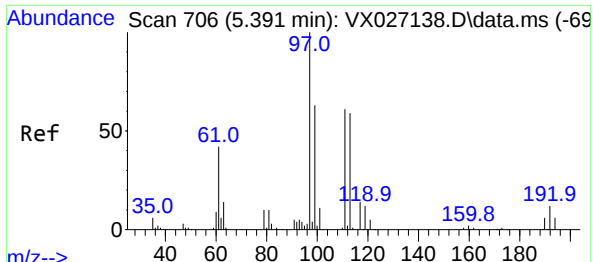
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

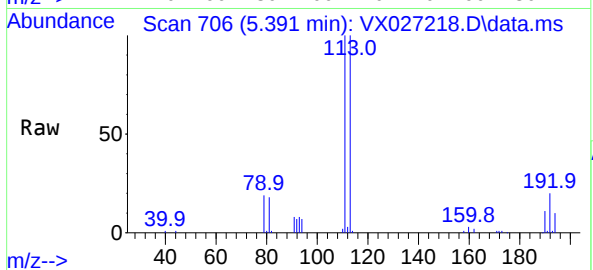
88 14.8 0.0 33.0





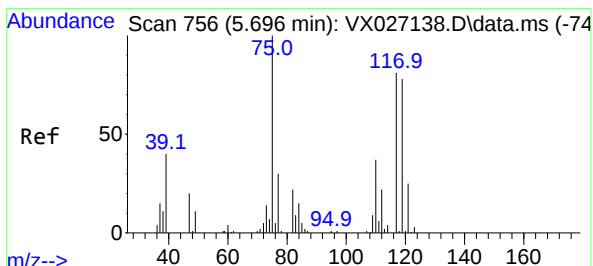
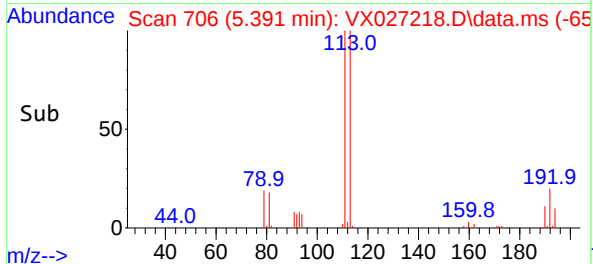
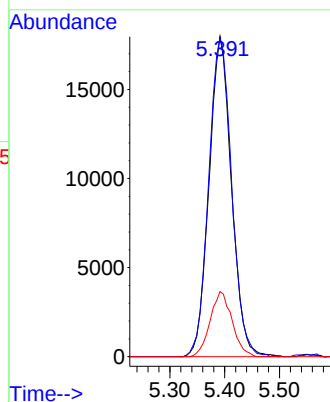
#35
Dibromofluoromethane
Concen: 50.697 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 50938

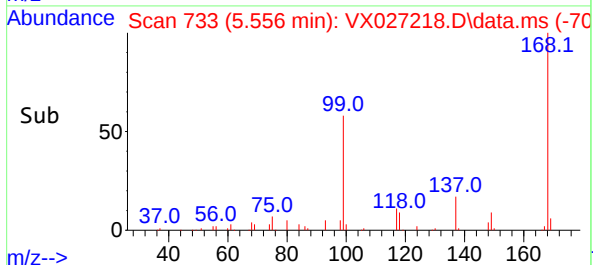
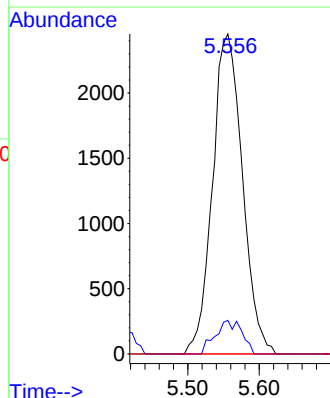
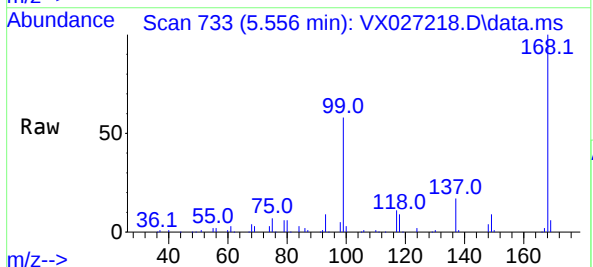
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	19.9	15.0	22.4

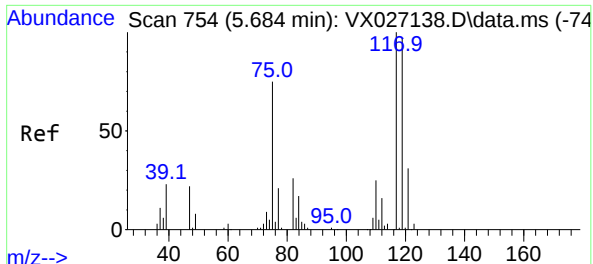


#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Tgt Ion: 75 Resp: 7124

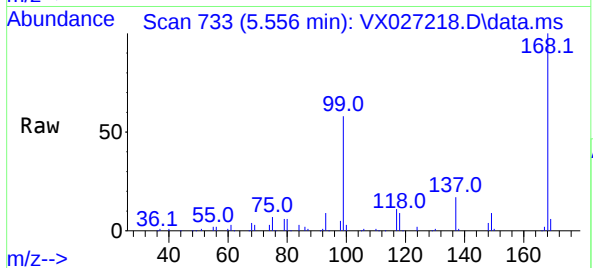
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.2	51.6#
77	0.0	24.6	36.8#



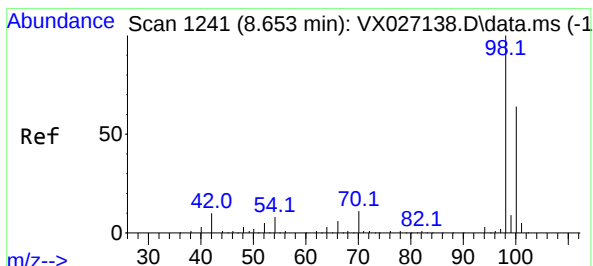
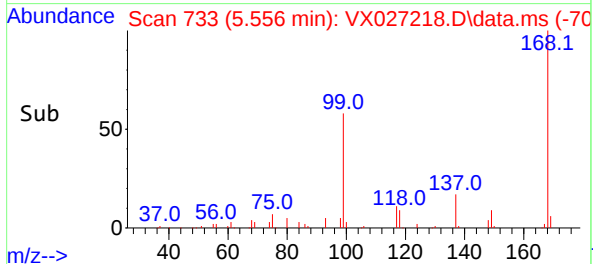
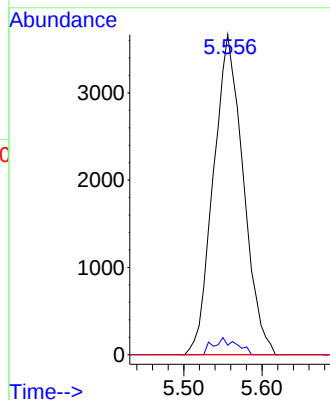


#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :

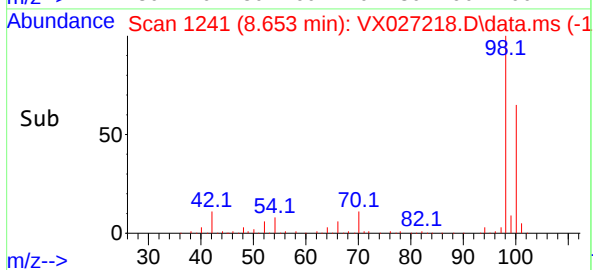
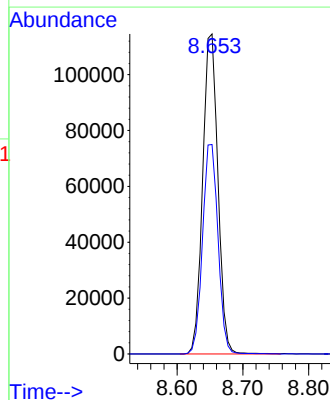
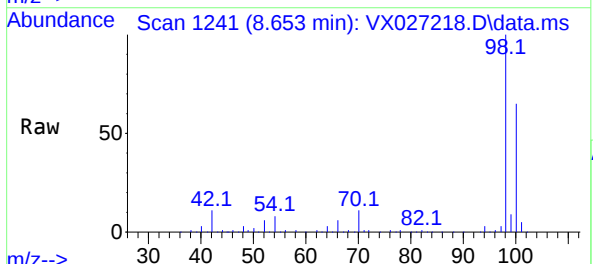


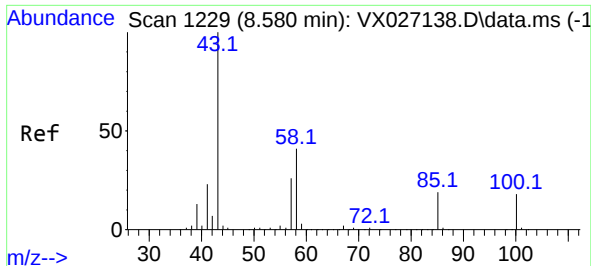
Tgt Ion:117 Resp: 9717
Ion Ratio Lower Upper
117 100
119 2.9 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.101 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Tgt Ion: 98 Resp: 184466
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.470 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX027218.D

Acq: 28 Feb 2022 12:41

Instrument :

MSVOA_X

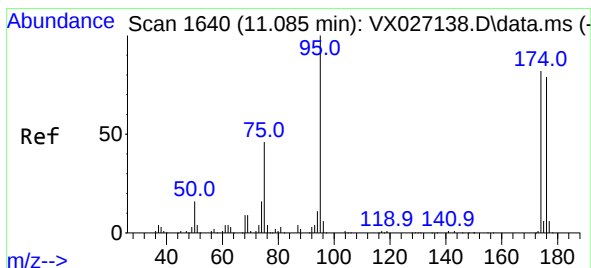
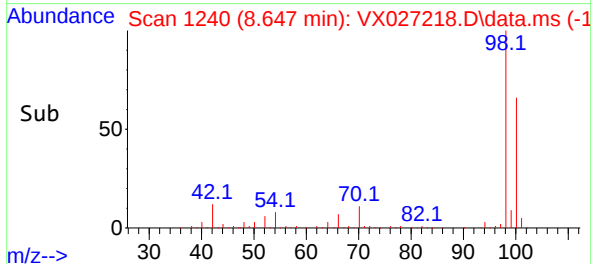
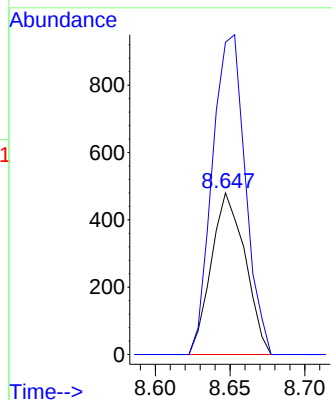
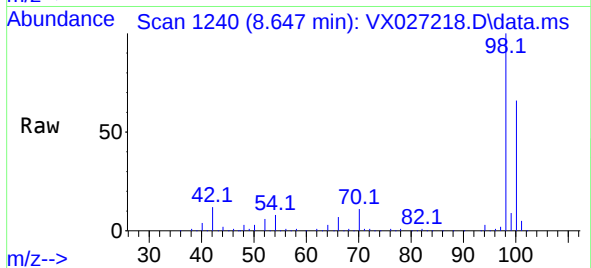
ClientSampleId :

Tgt Ion: 43 Resp: 757

Ion Ratio Lower Upper

43 100

58 192.6 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 46.500 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027218.D

Acq: 28 Feb 2022 12:41

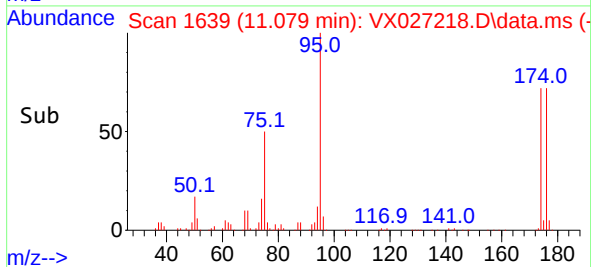
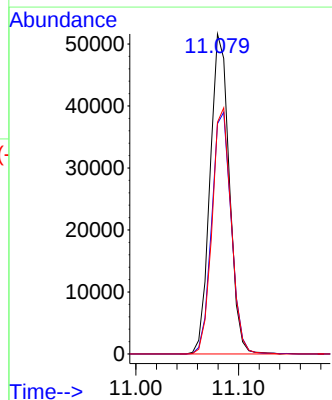
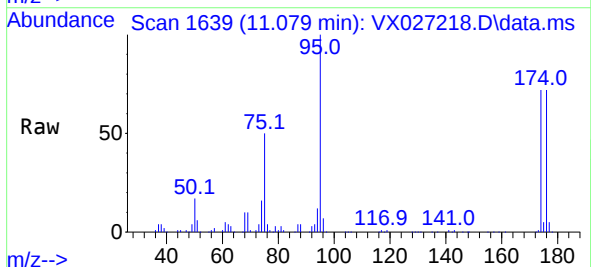
Tgt Ion: 95 Resp: 67057

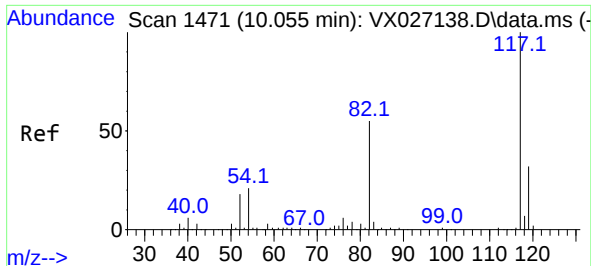
Ion Ratio Lower Upper

95 100

174 76.7 0.0 148.6

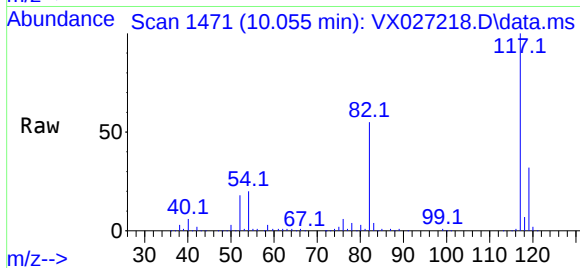
176 75.9 0.0 141.4



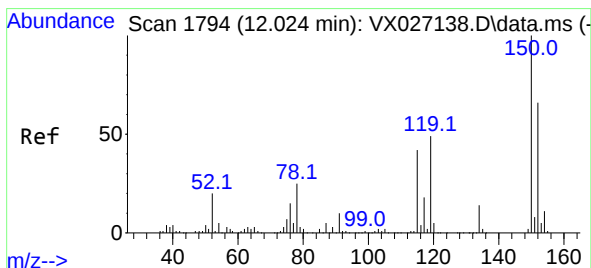
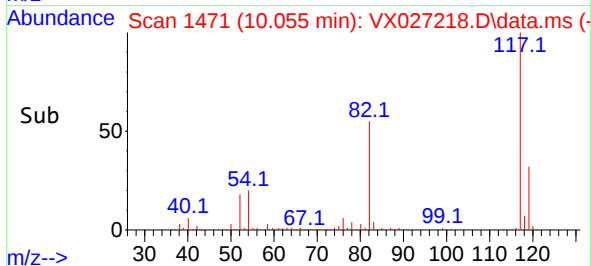
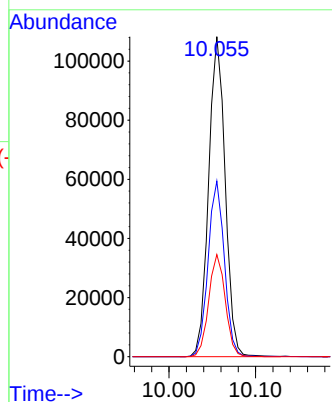


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :

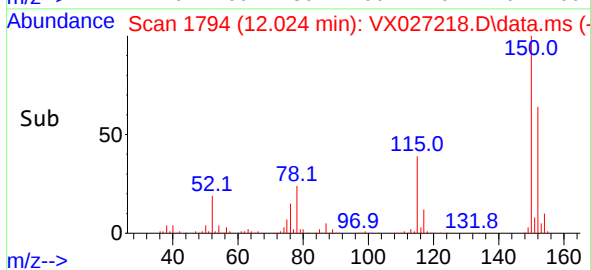
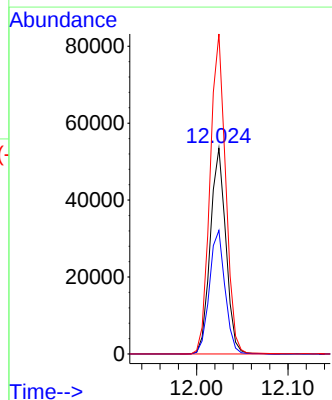
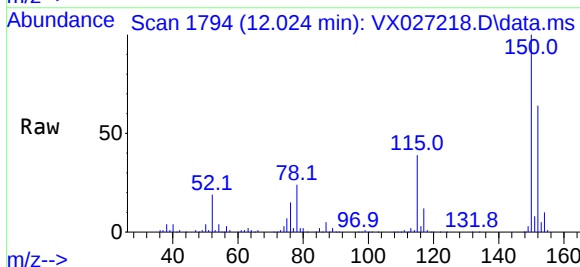


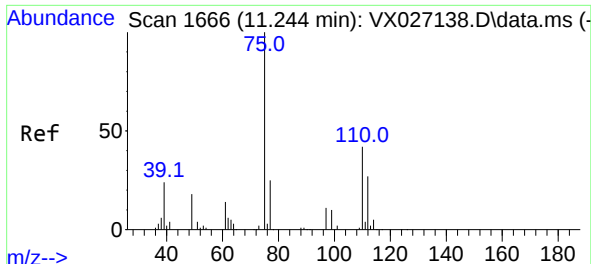
Tgt Ion:117 Resp: 143591
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Tgt Ion:152 Resp: 63166
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 156.2 0.0 348.2

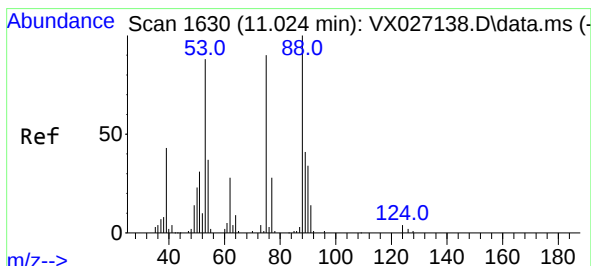
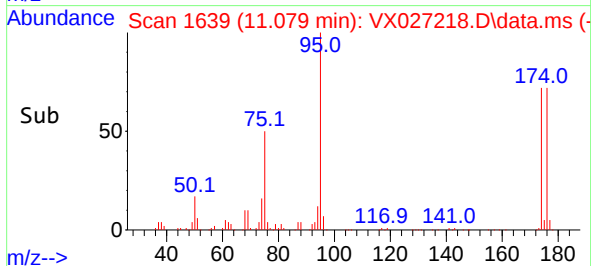
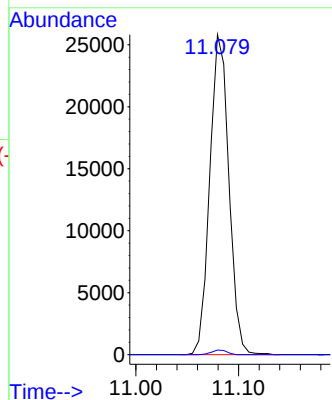
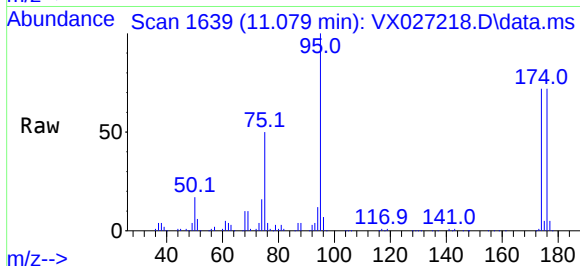




#76
1,2,3-Trichloropropane
Concen: 26.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33271
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027218.D
Acq: 28 Feb 2022 12:41

Tgt Ion: 75 Resp: 33271
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

