

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028818.D
 Acq On : 19 May 2022 12:26
 Operator : JC/MD
 Sample : N2941-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 12BR-20220518

Quant Time: May 20 01:45:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

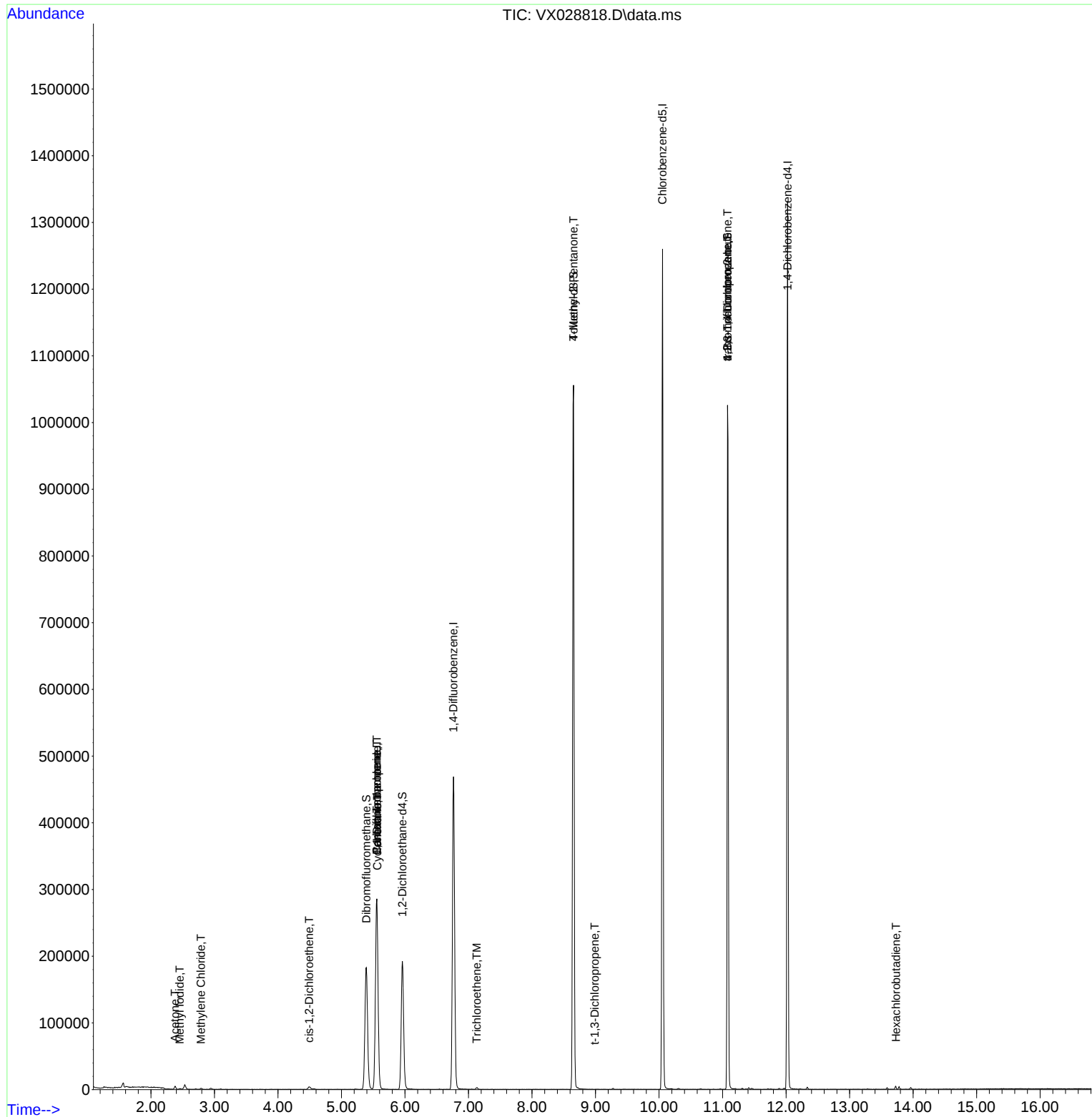
Internal Standards						
1) Pentafluorobenzene	5.556	168	264958	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	480290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184787	50.878	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.760%	
35) Dibromofluoromethane	5.391	113	158251	50.290	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.580%	
50) Toluene-d8	8.653	98	631874	53.260	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	11.079	95	274661	61.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 123.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	651	Below Cal	#	74
6) Chloroethane	1.672	64	185	Below Cal	#	43
10) Methyl Iodide	2.453	142	1151	0.325	ug/l #	81
11) Tert butyl alcohol	2.934	59	1045	Below Cal	#	72
16) Acetone	2.380	43	4768	3.059	ug/l	95
20) Methylene Chloride	2.788	84	724	0.221	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	2335	0.647	ug/l	94
31) Cyclohexane	5.562	56	6121	1.214	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	21894	4.632	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27605	5.804	ug/l #	15
44) Trichloroethene	7.129	130	1058	0.287	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	2799	0.550	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	54	1.650	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	145305	24.427	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	145305	71.100	ug/l #	15
94) Hexachlorobutadiene	13.731	225	733	0.356	ug/l	91

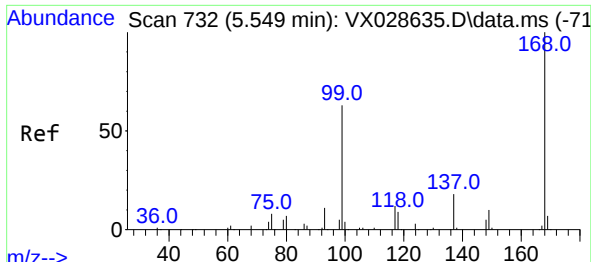
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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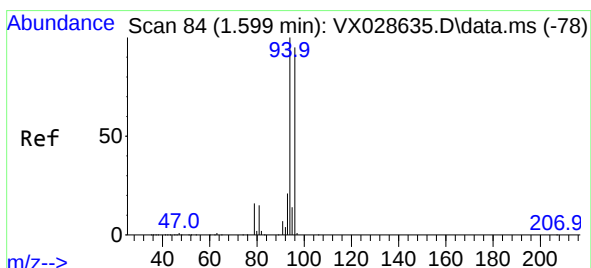
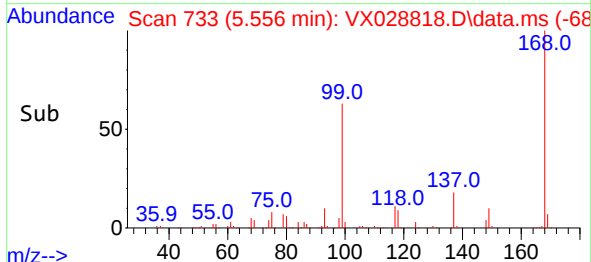
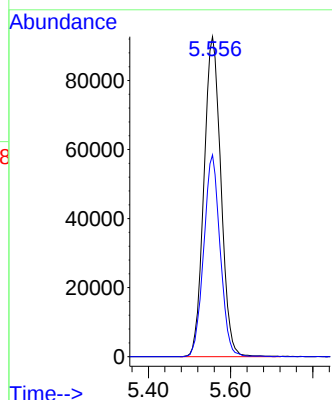
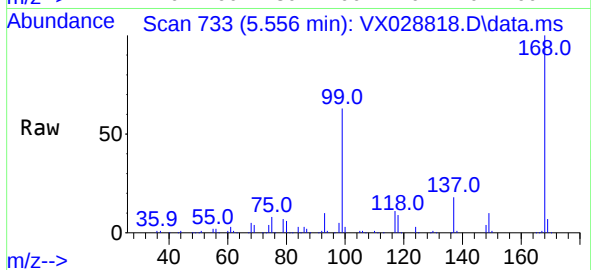




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

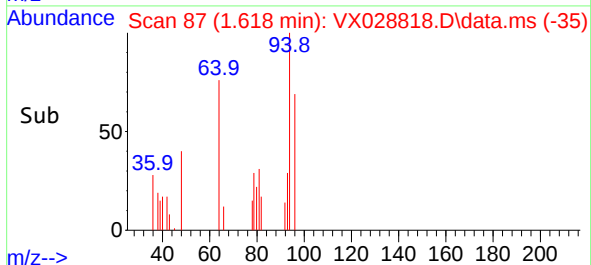
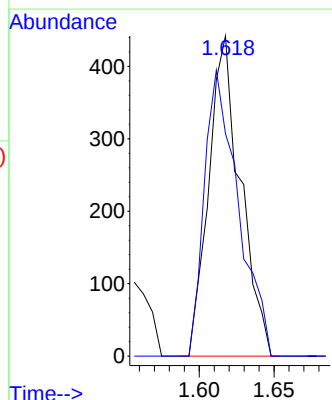
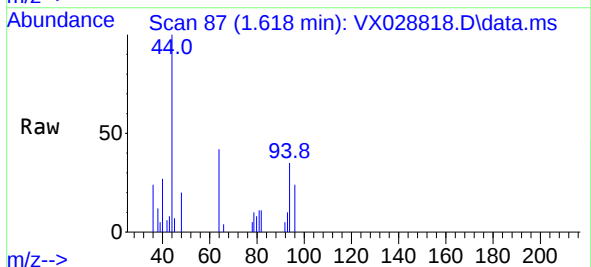
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

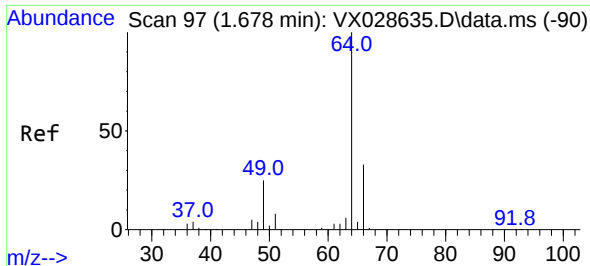
Tgt Ion:168 Resp: 264958
Ion Ratio Lower Upper
168 100
99 63.1 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 69.5 75.3 112.9#

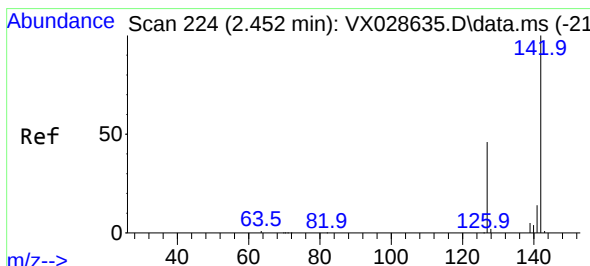
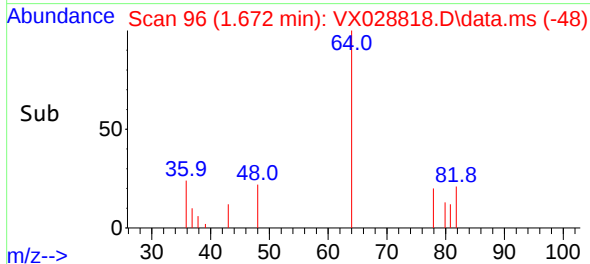
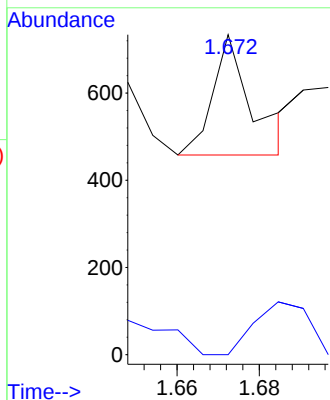
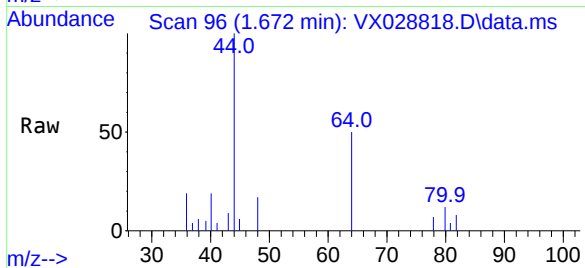




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

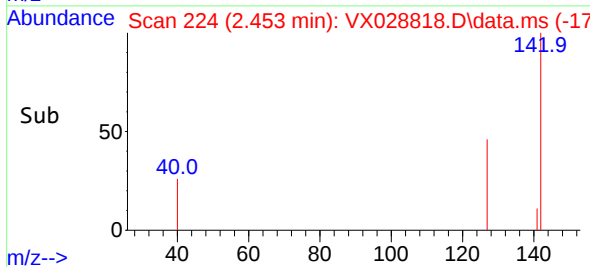
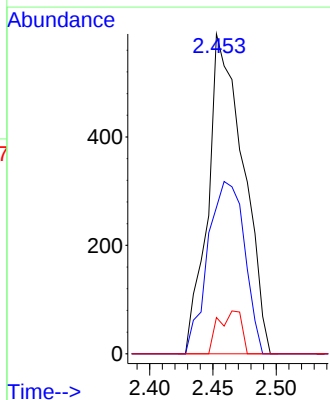
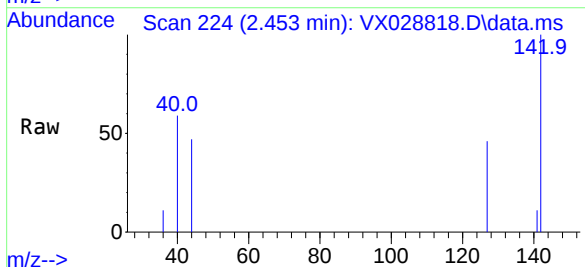
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

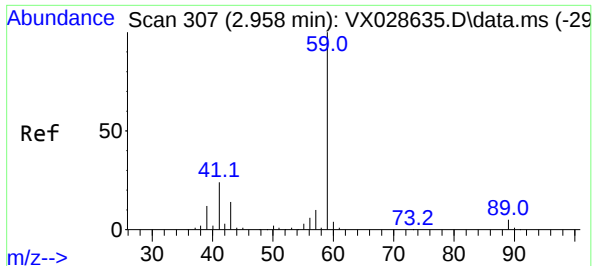
Tgt Ion: 64 Resp: 185
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.325 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion: 142 Resp: 1151
Ion Ratio Lower Upper
142 100
127 55.6 33.9 50.9#
141 8.7 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.934 min Scan# 307

Delta R.T. -0.024 min

Lab File: VX028818.D

Acq: 19 May 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

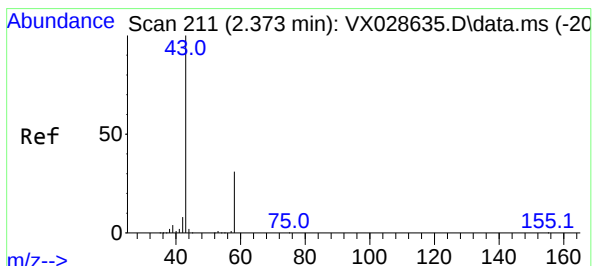
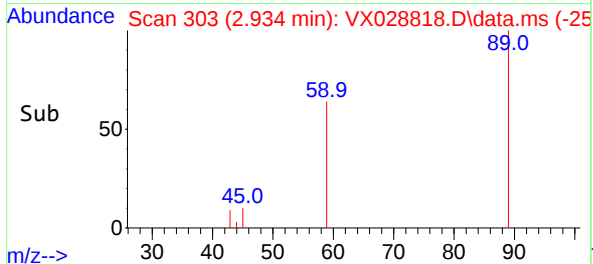
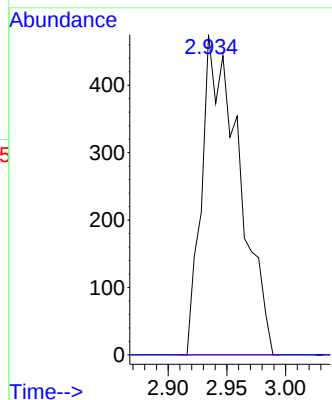
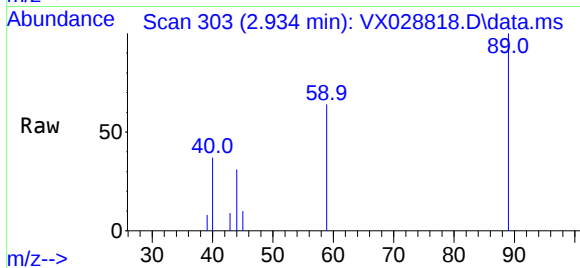
12BR-20220518

Tgt Ion: 59 Resp: 1045

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 3.059 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028818.D

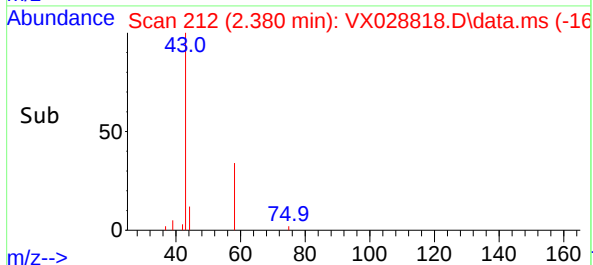
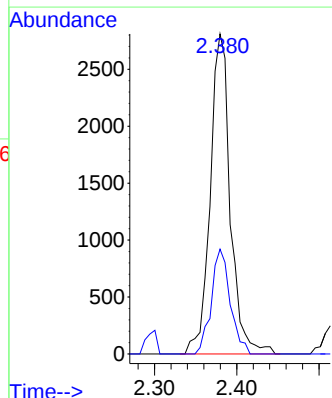
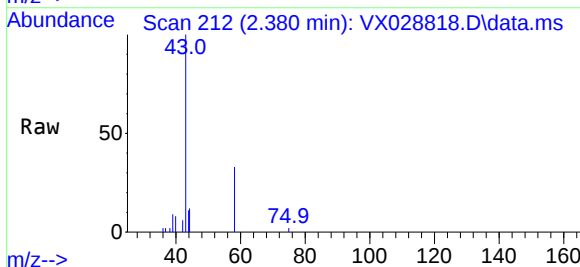
Acq: 19 May 2022 12:26

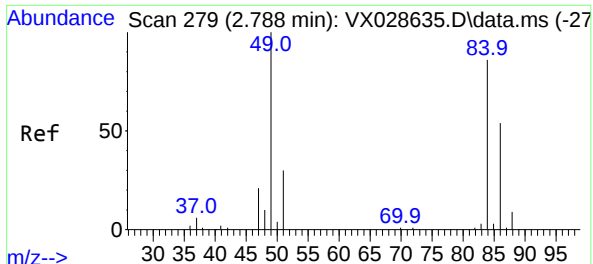
Tgt Ion: 43 Resp: 4768

Ion Ratio Lower Upper

43 100

58 32.8 28.8 43.2

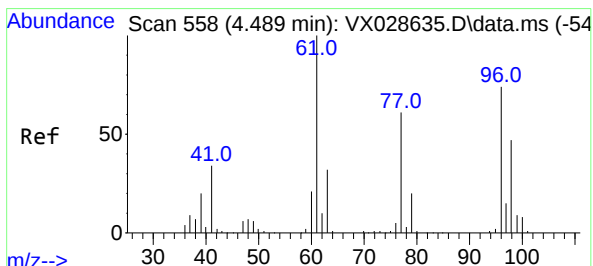
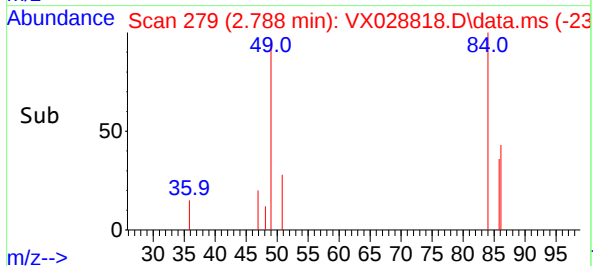
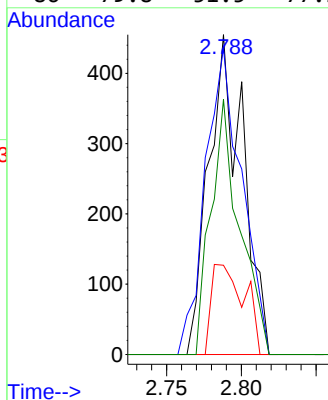
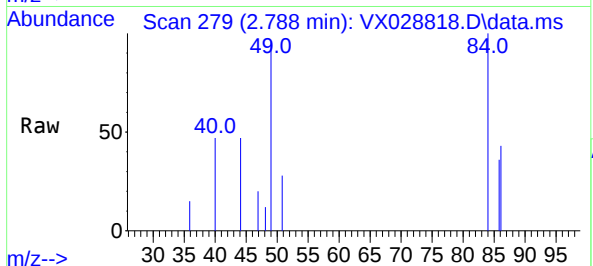




#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

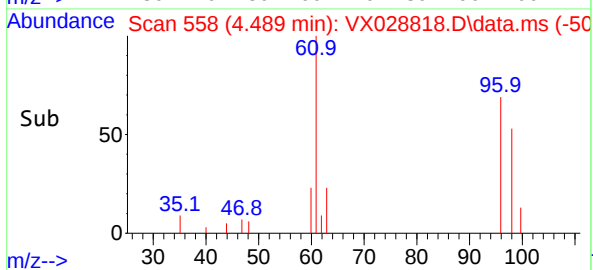
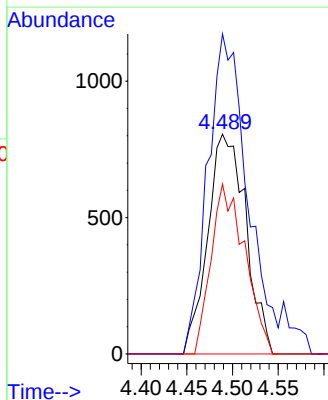
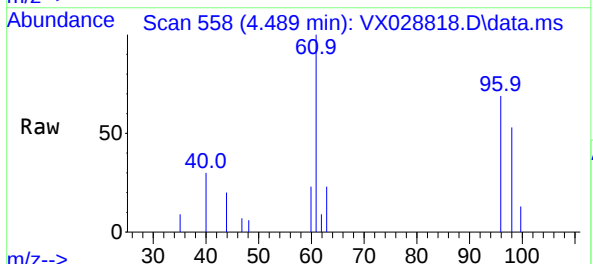
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

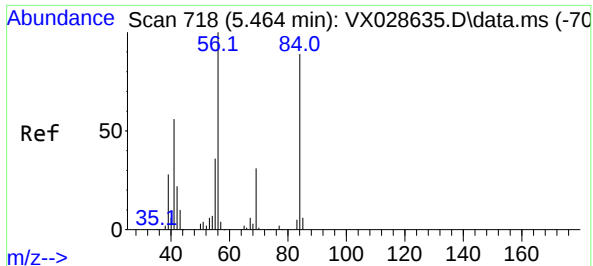
Tgt Ion:	84	Resp:	724
Ion	Ratio	Lower	Upper
84	100		
49	95.8	85.5	128.3
51	27.9	26.6	39.8
86	79.8	51.5	77.3



#27
cis-1,2-Dichloroethene
Concen: 0.647 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

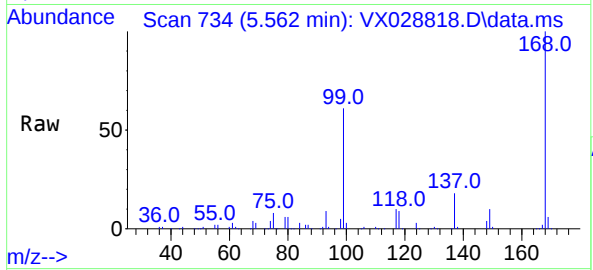
Tgt Ion:	96	Resp:	2335
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	283.8
98	68.7	0.0	129.8



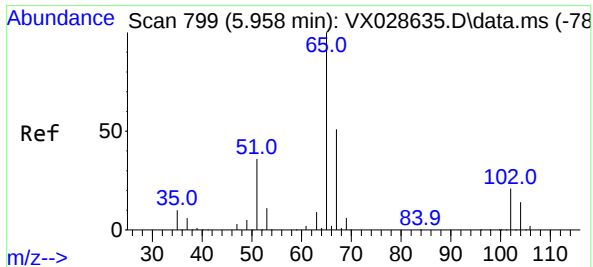
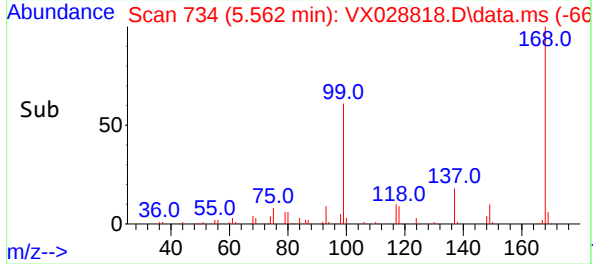
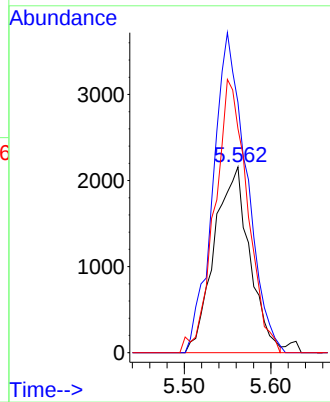


#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.098 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

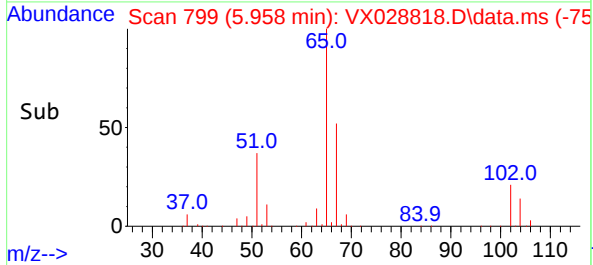
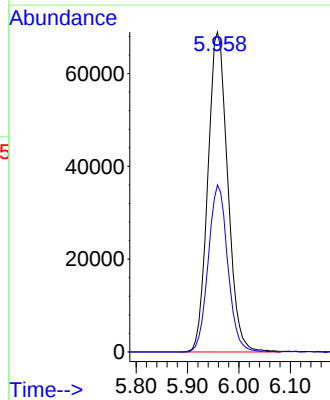
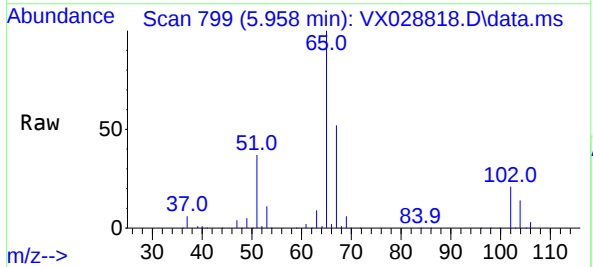


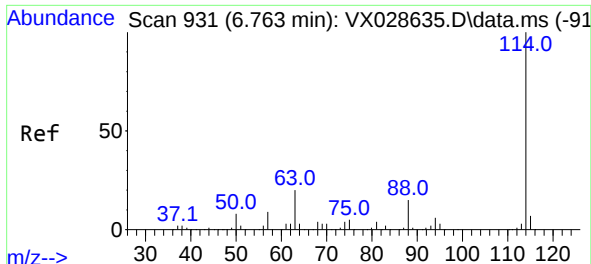
Tgt Ion: 56 Resp: 6121
Ion Ratio Lower Upper
56 100
69 134.7 26.7 40.1#
84 120.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.878 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion: 65 Resp: 184787
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

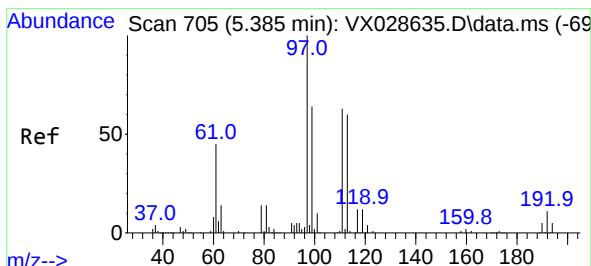
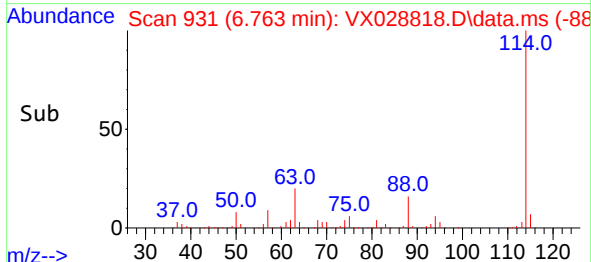
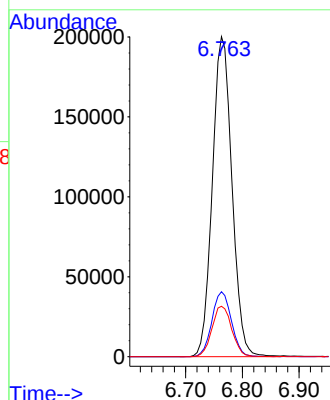
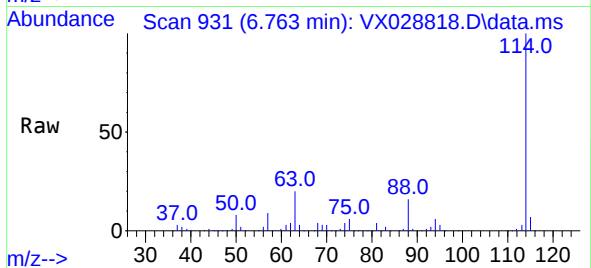




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

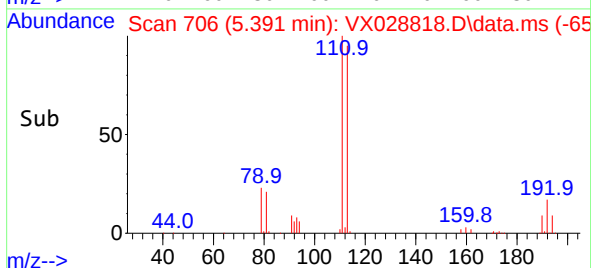
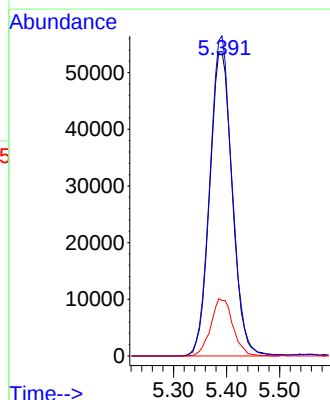
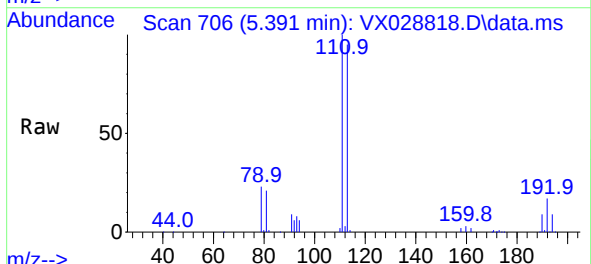
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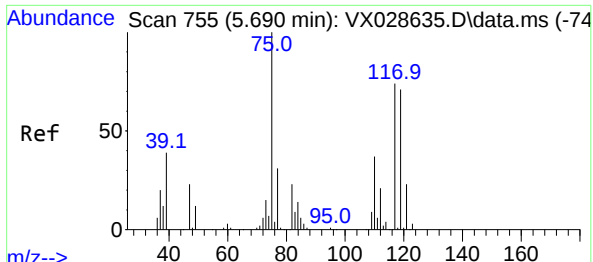
Tgt Ion:114 Resp: 480290
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.290 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion:113 Resp: 158251
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 18.5 16.9 25.3

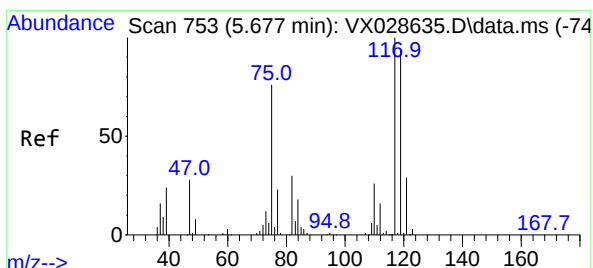
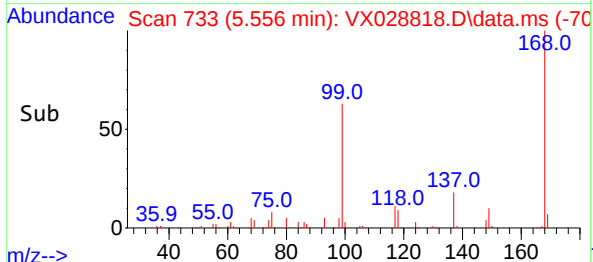
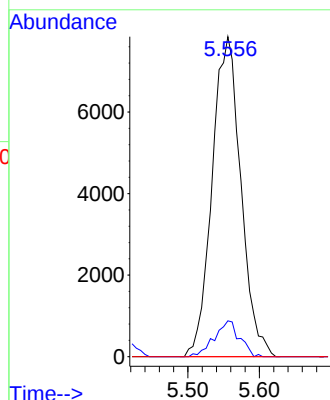
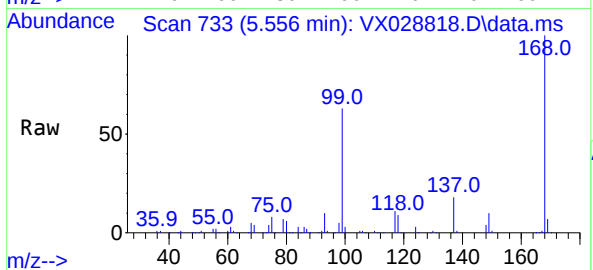




#36
1,1-Dichloropropene
Concen: 4.632 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

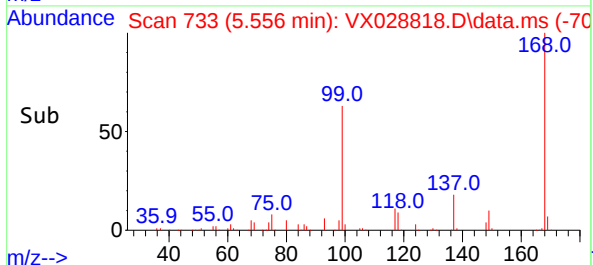
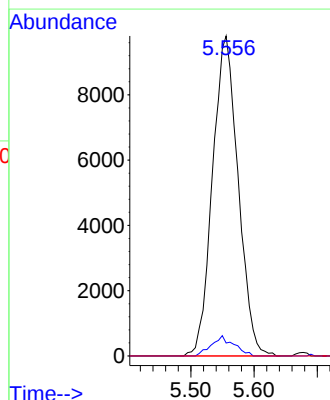
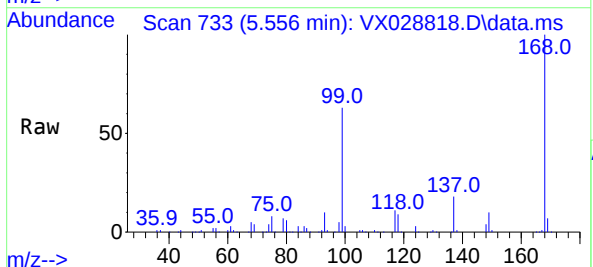
Instrument :
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ClientSampleId :
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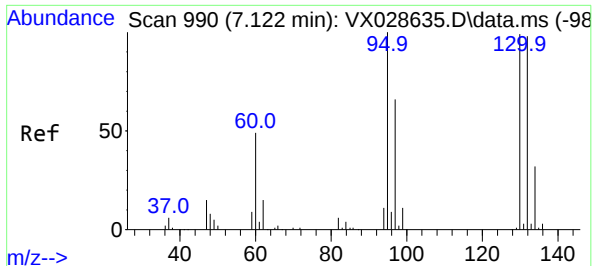
Tgt Ion: 75 Resp: 21894
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion: 117 Resp: 27605
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#

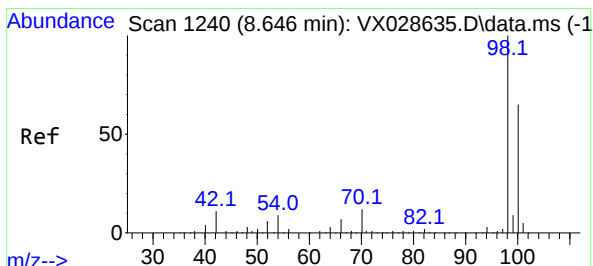
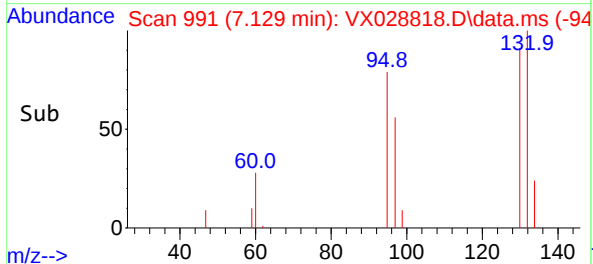
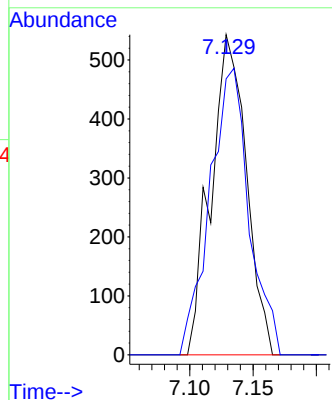
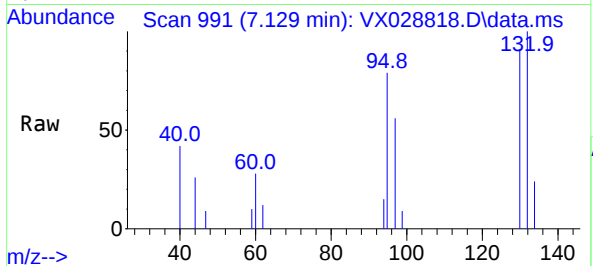




#44
Trichloroethene
Concen: 0.287 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

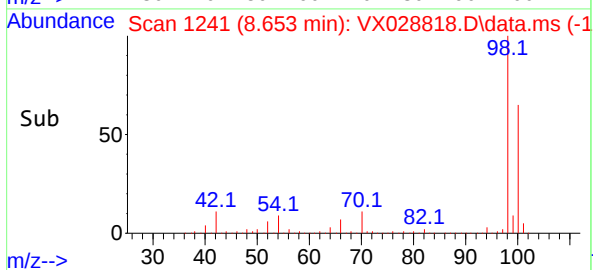
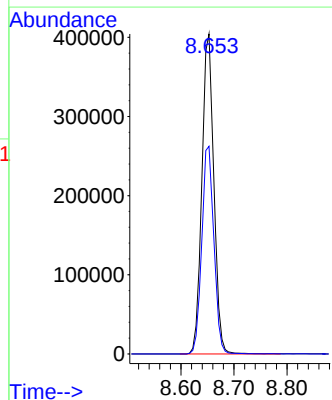
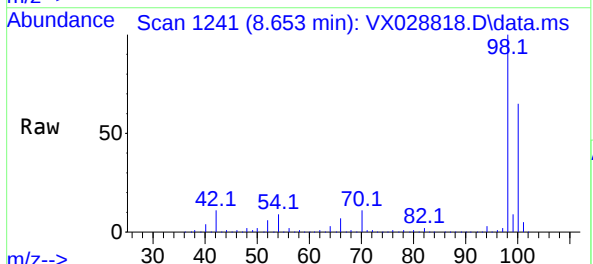
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

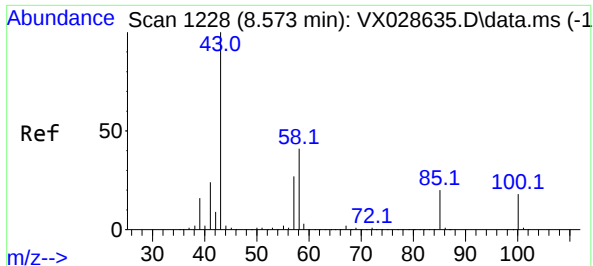
Tgt Ion:130 Resp: 1058
Ion Ratio Lower Upper
130 100
95 86.2 0.0 188.8



#50
Toluene-d8
Concen: 53.260 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion: 98 Resp: 631874
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.550 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX028818.D

Acq: 19 May 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

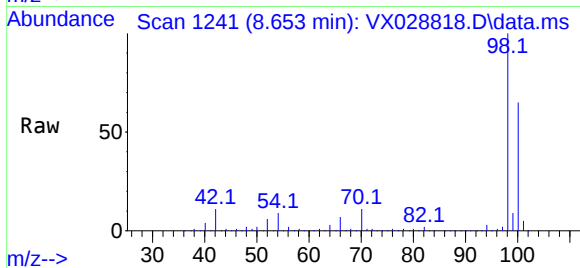
12BR-20220518

Tgt Ion: 43 Resp: 2799

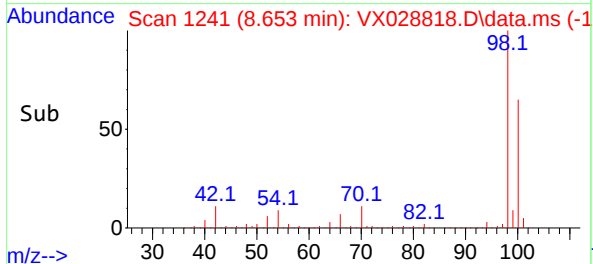
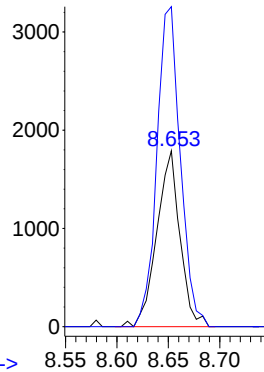
Ion Ratio Lower Upper

43 100

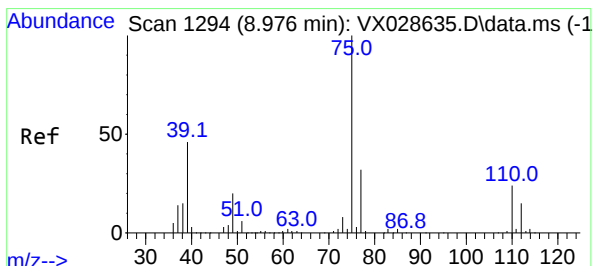
58 184.4 36.1 54.1#



Abundance



Time-->



#53

t-1,3-Dichloropropene

Concen: 1.650 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX028818.D

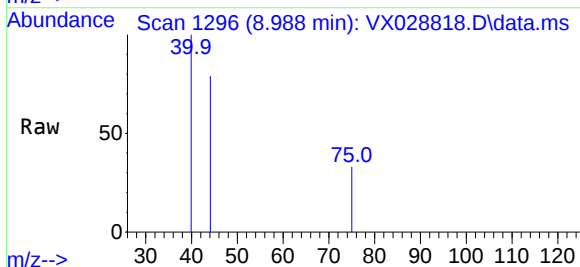
Acq: 19 May 2022 12:26

Tgt Ion: 75 Resp: 54

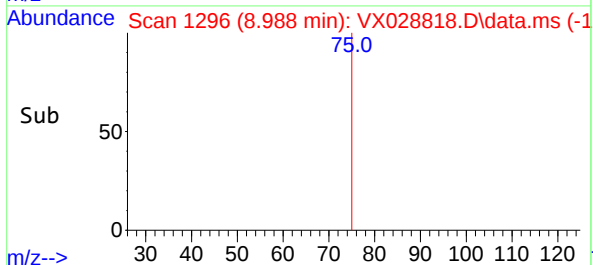
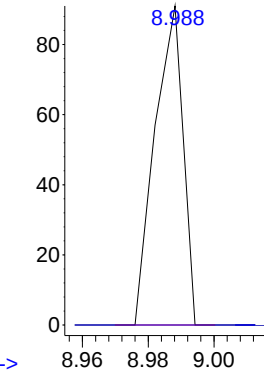
Ion Ratio Lower Upper

75 100

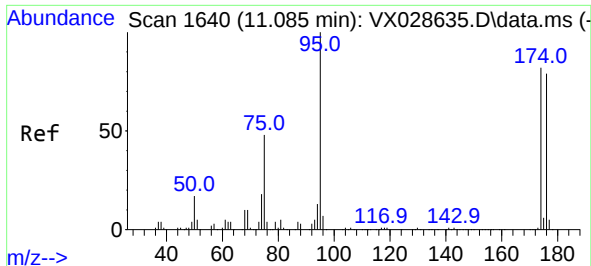
77 0.0 25.4 38.0#



Abundance



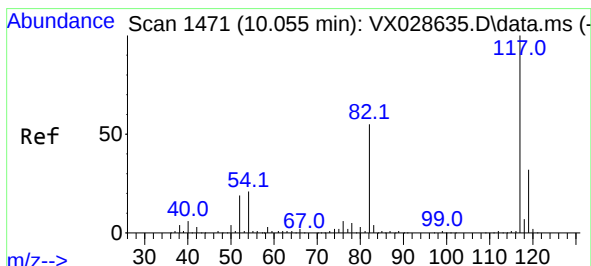
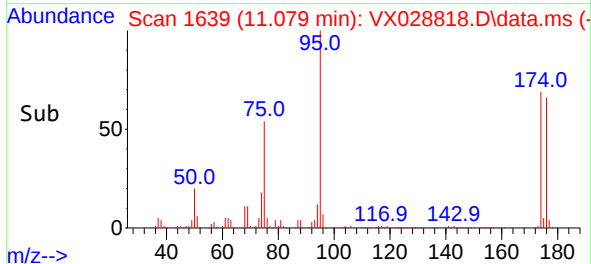
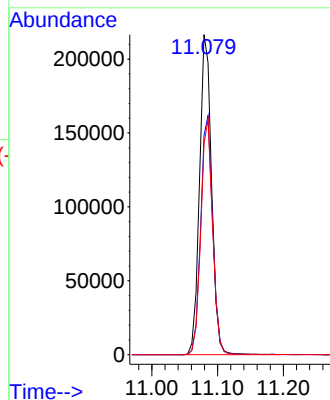
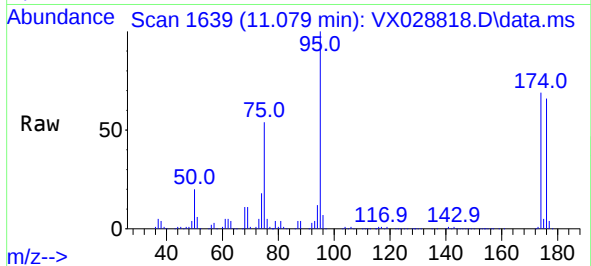
Time-->



#62
4-Bromofluorobenzene
Concen: 61.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

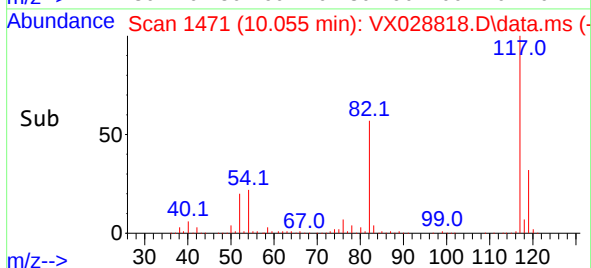
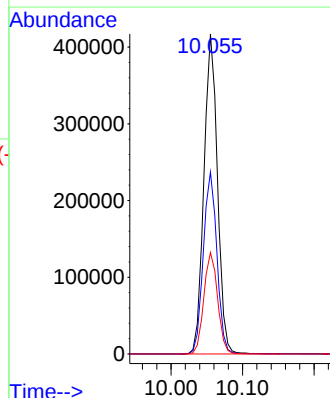
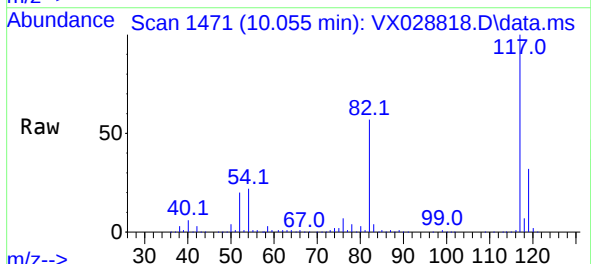
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

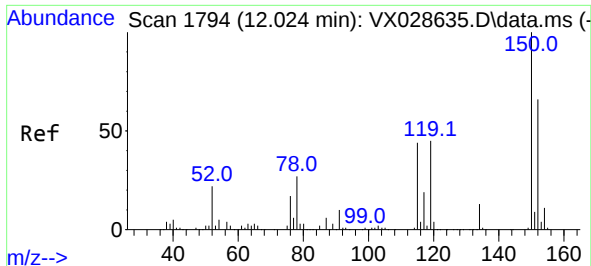
Tgt Ion: 95 Resp: 274661
Ion Ratio Lower Upper
95 100
174 74.5 0.0 163.0
176 72.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion: 117 Resp: 549156
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.7 24.8 37.2

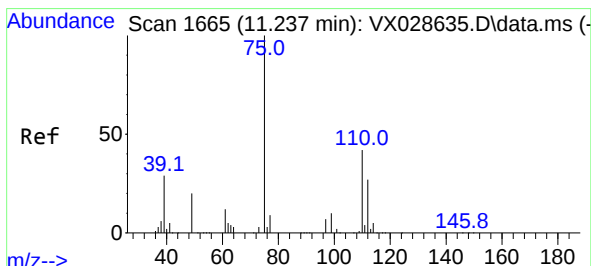
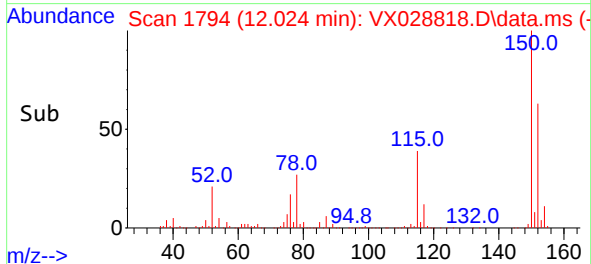
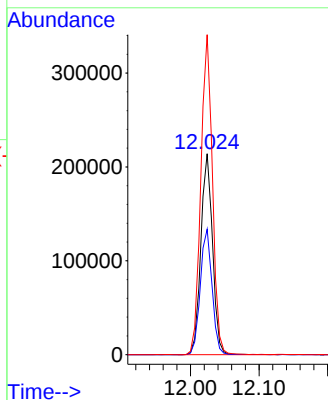
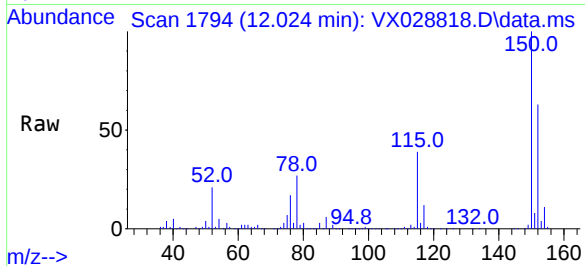




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

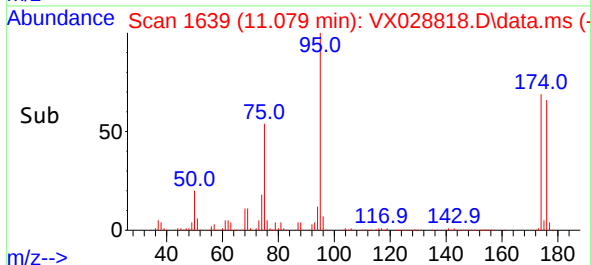
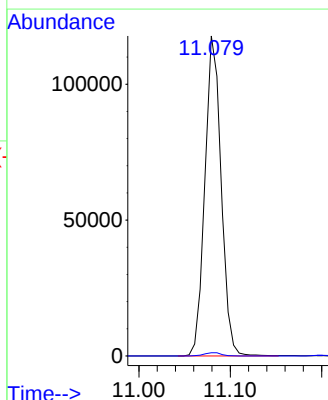
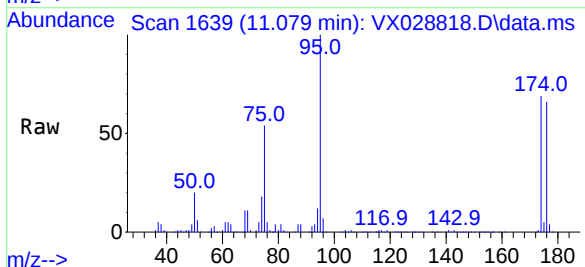
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

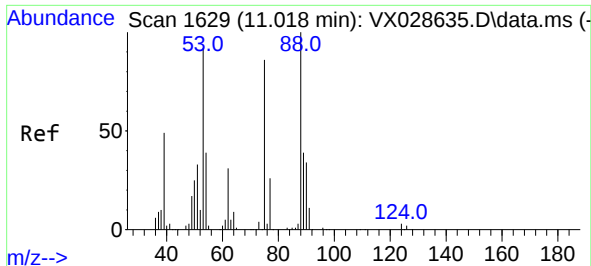
Tgt Ion:152 Resp: 254008
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 158.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion: 75 Resp: 145305
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

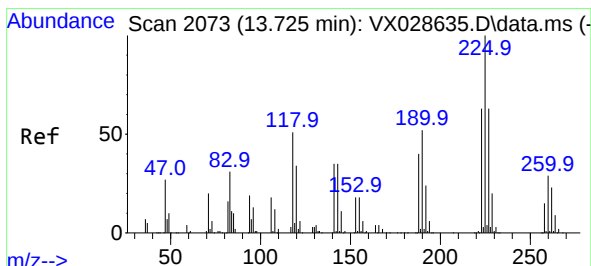
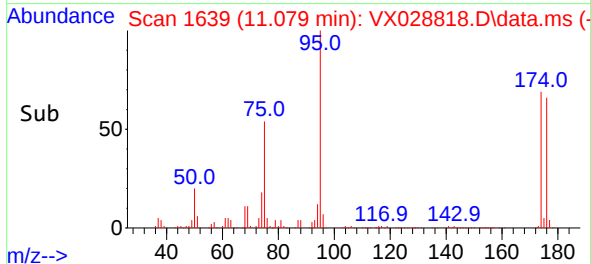
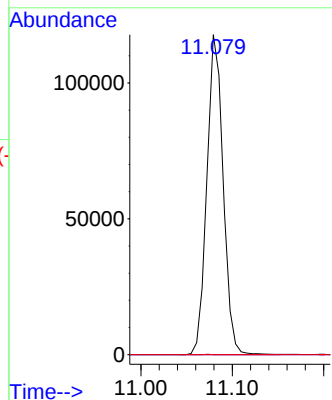
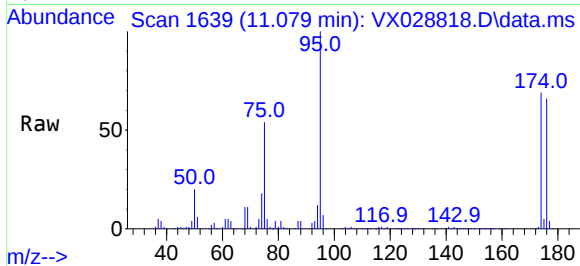




#81
trans-1,4-Dichloro-2-butene
Concen: 71.100 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

Tgt Ion: 75 Resp: 145305
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.356 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX028818.D
Acq: 19 May 2022 12:26

Tgt Ion: 225 Resp: 733
Ion Ratio Lower Upper
225 100
223 64.0 34.2 102.5
227 57.4 33.9 101.7

