

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028879.D
 Acq On : 21 May 2022 03:24
 Operator : JC/MD
 Sample : N2970-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 70BR-10-20220519

Quant Time: May 21 06:08:41 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)

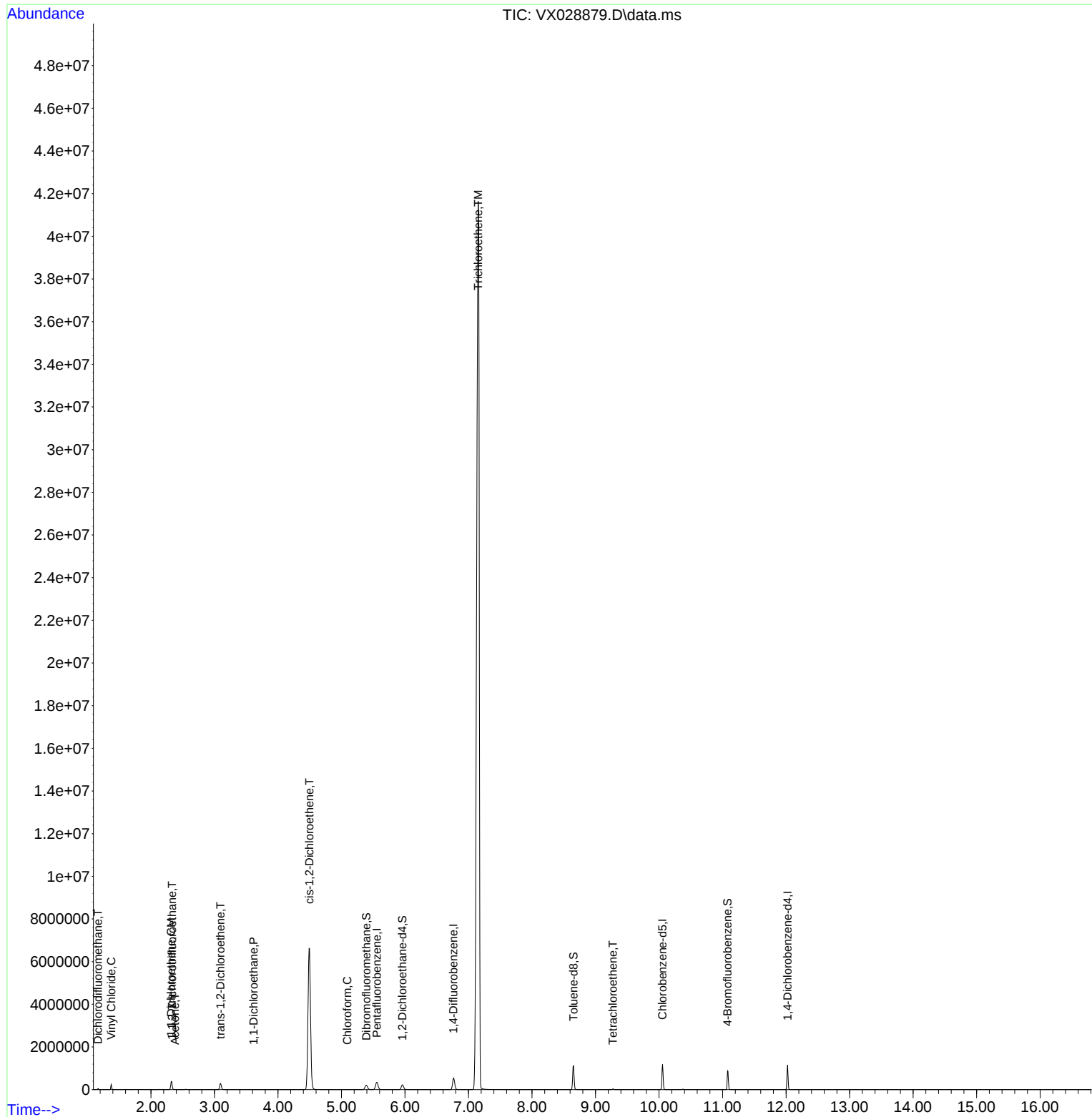
Internal Standards						
1) Pentafluorobenzene	5.556	168	319261	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	567563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229471	52.435	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.860%	
35) Dibromofluoromethane	5.391	113	183482	49.342	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.680%	
50) Toluene-d8	8.653	98	669928	47.785	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.560%	
62) 4-Bromofluorobenzene	11.079	95	244368	46.666	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.340%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	25061	5.995	ug/l	98
4) Vinyl Chloride	1.374	62	140820	33.191	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	5299	1.489	ug/l	95
12) 1,1-Dichloroethene	2.319	96	124772	37.762	ug/l	93
16) Acetone	2.380	43	3030	1.613	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	120239	32.306	ug/l	96
24) 1,1-Dichloroethane	3.617	63	2740	0.416	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	4351262	1001.003	ug/l	89
30) Chloroform	5.093	83	2351	0.330	ug/l	# 83
44) Trichloroethene	7.153	130	20001114	4594.378	ug/l	97
64) Tetrachloroethene	9.275	164	5964	1.538	ug/l	91

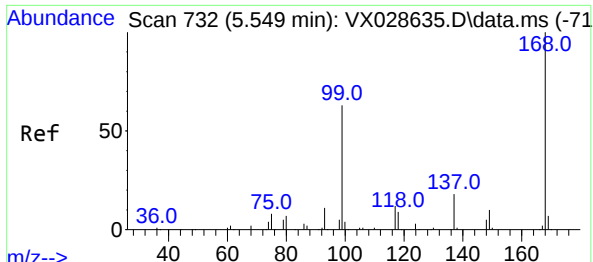
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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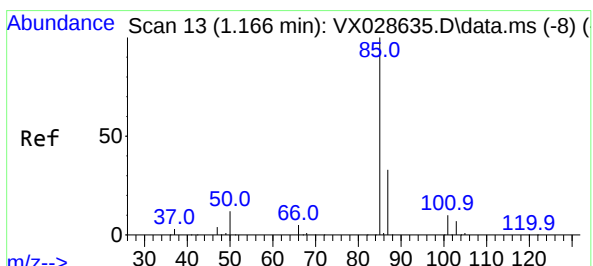
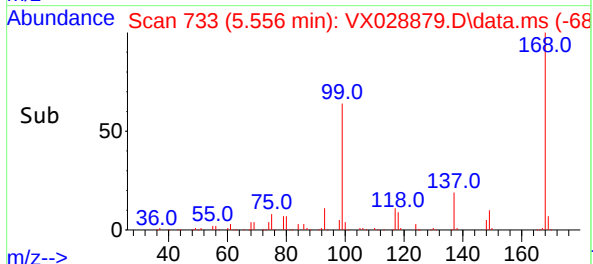
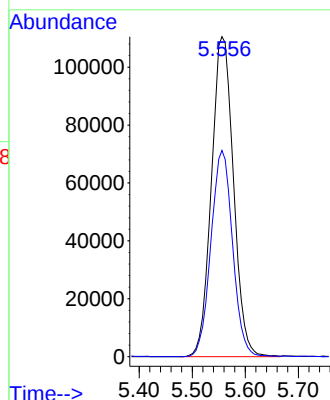
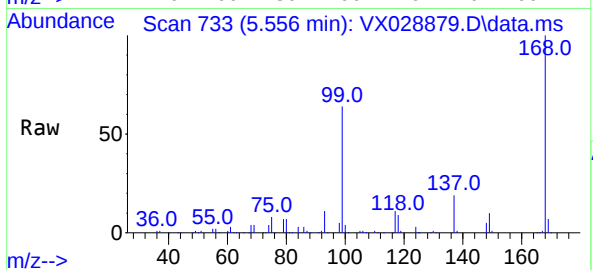




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

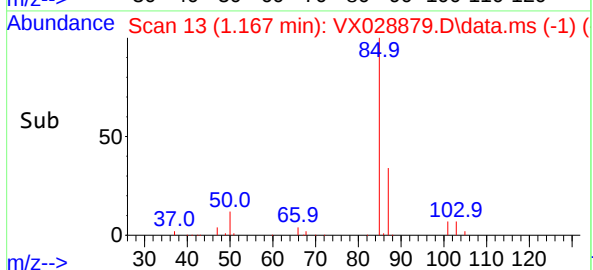
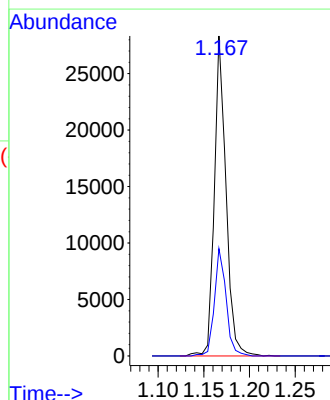
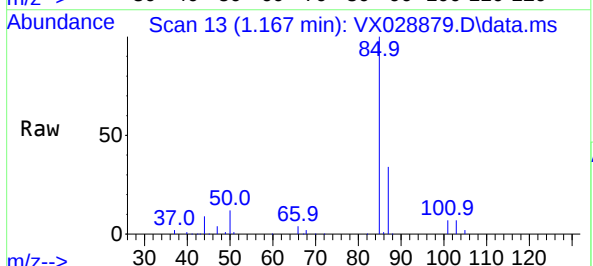
Instrument :
MSVOA_X
ClientSampleId :
70BR-10-20220519

Tgt Ion:168 Resp: 319261
Ion Ratio Lower Upper
168 100
99 64.5 41.7 62.5#

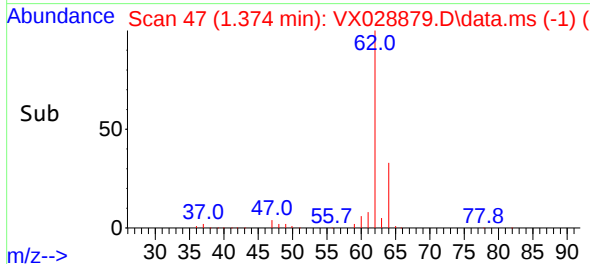
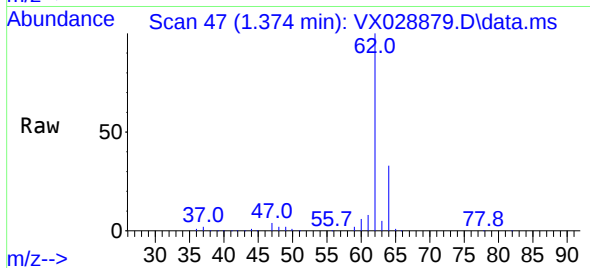
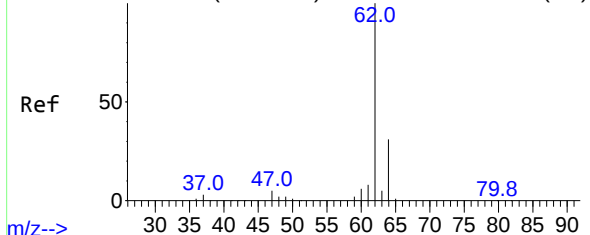


#2
Dichlorodifluoromethane
Concen: 5.995 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

Tgt Ion: 85 Resp: 25061
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.6



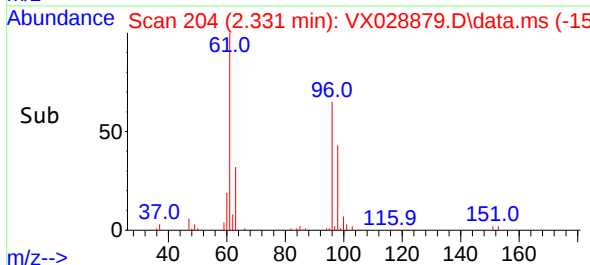
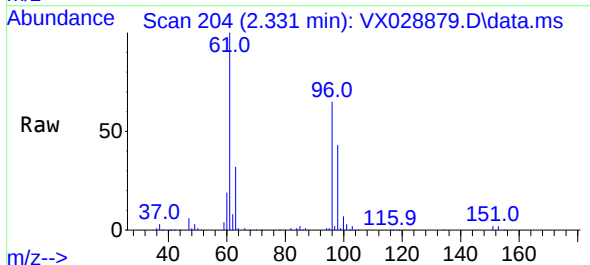
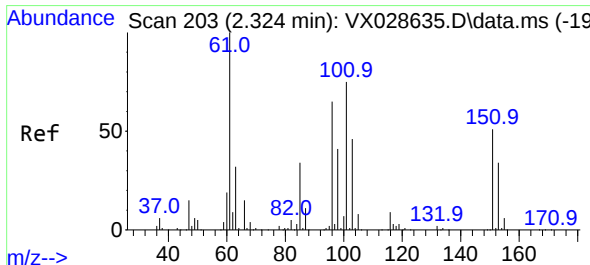
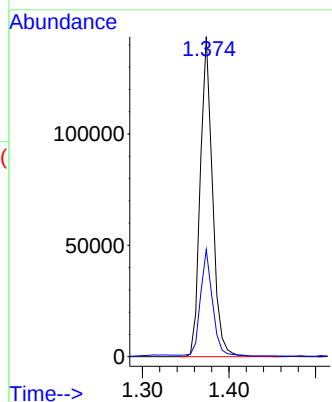
Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 33.191 ug/l
RT: 1.374 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

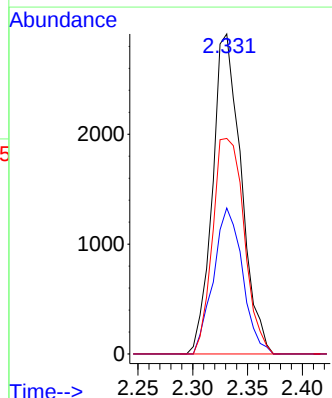
Instrument :
MSVOA_X
ClientSampleId :
70BR-10-20220519

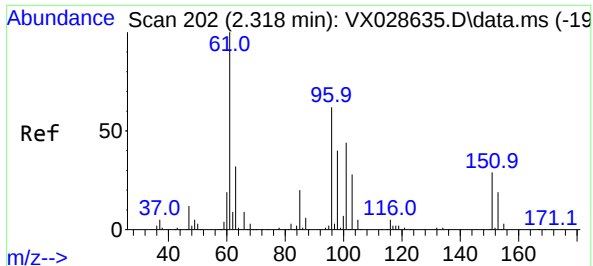
Tgt Ion: 62 Resp: 140820
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.489 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.007 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

Tgt Ion: 101 Resp: 5299
Ion Ratio Lower Upper
101 100
85 46.3 33.5 50.3
151 73.9 61.8 92.6

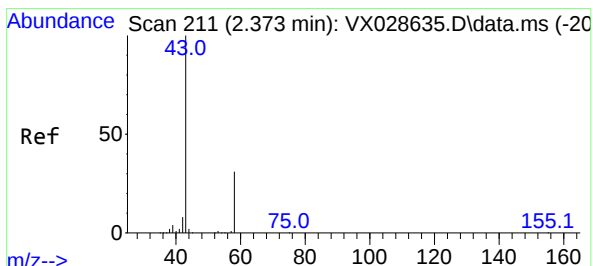
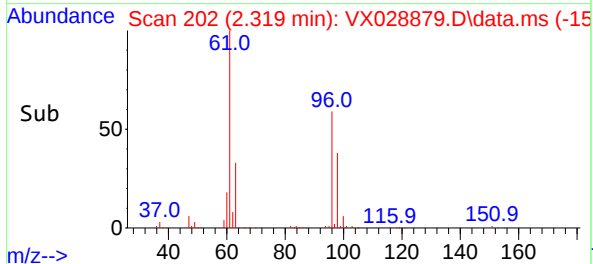
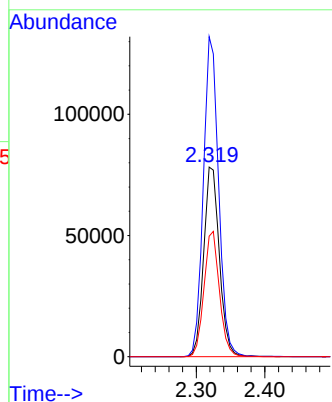
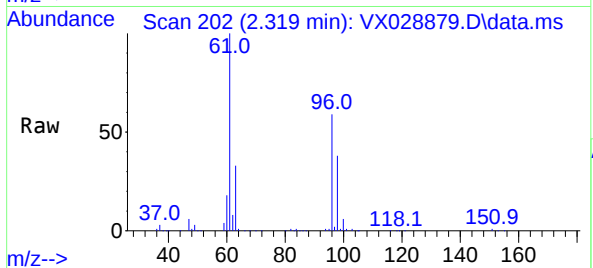




#12
1,1-Dichloroethene
Concen: 37.762 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

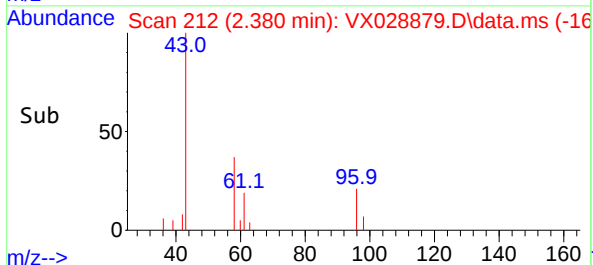
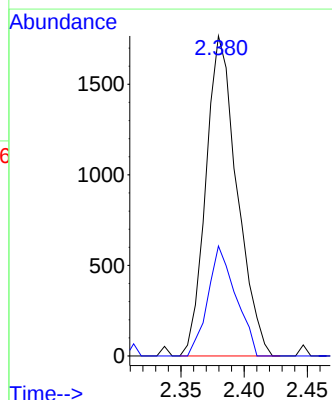
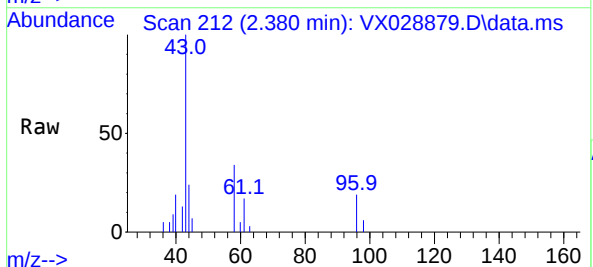
Instrument :
MSVOA_X
ClientSampleId :
70BR-10-20220519

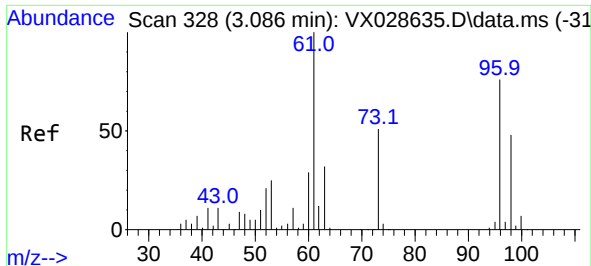
Tgt Ion: 96 Resp: 124772
Ion Ratio Lower Upper
96 100
61 168.8 124.6 187.0
98 63.5 51.0 76.4



#16
Acetone
Concen: 1.613 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

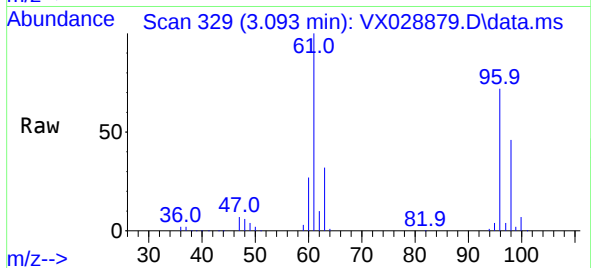
Tgt Ion: 43 Resp: 3030
Ion Ratio Lower Upper
43 100
58 34.4 28.8 43.2



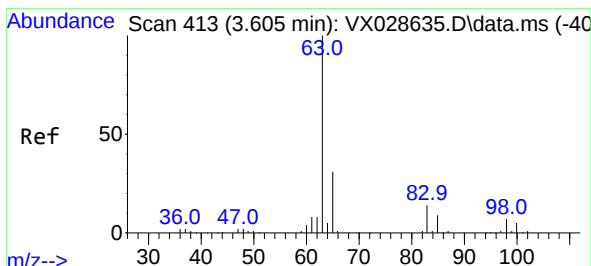
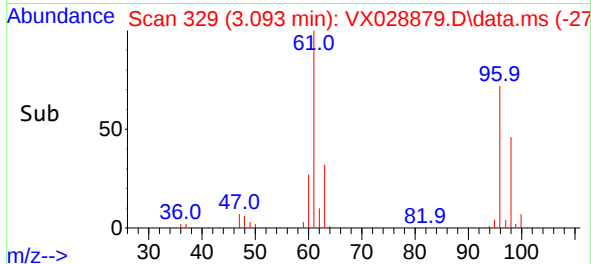
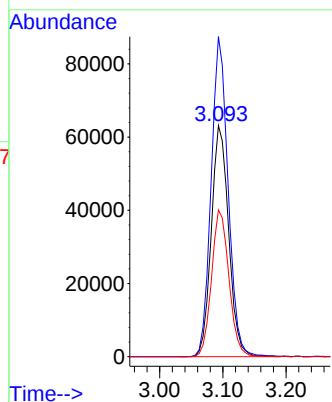


#21
trans-1,2-Dichloroethene
Concen: 32.306 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

Instrument :
MSVOA_X
ClientSampleId :
70BR-10-20220519

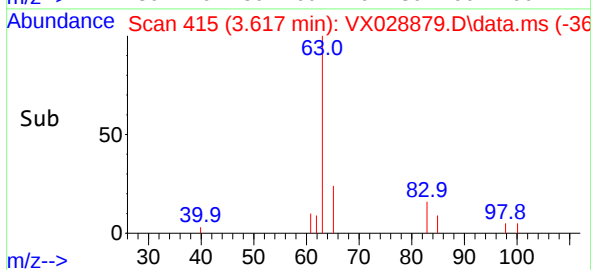
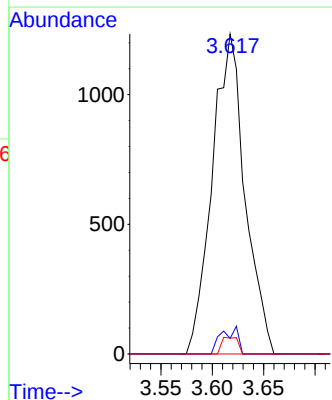
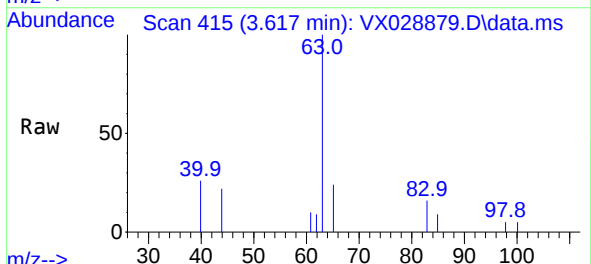


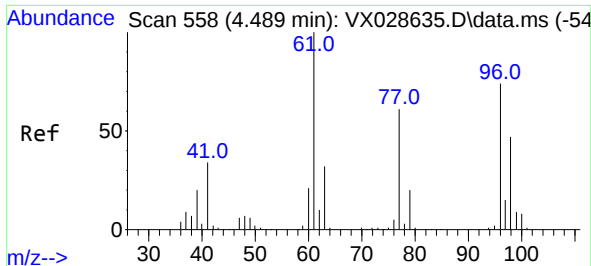
Tgt Ion: 96 Resp: 120239
Ion Ratio Lower Upper
96 100
61 138.4 105.4 158.2
98 63.5 50.0 75.0



#24
1,1-Dichloroethane
Concen: 0.416 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.012 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

Tgt Ion: 63 Resp: 2740
Ion Ratio Lower Upper
63 100
98 4.9 3.9 11.7
100 4.9 2.4 7.2





#27

cis-1,2-Dichloroethene

Concen: 1001.003 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028879.D

Acq: 21 May 2022 03:24

Instrument :

MSVOA_X

ClientSampleId :

70BR-10-20220519

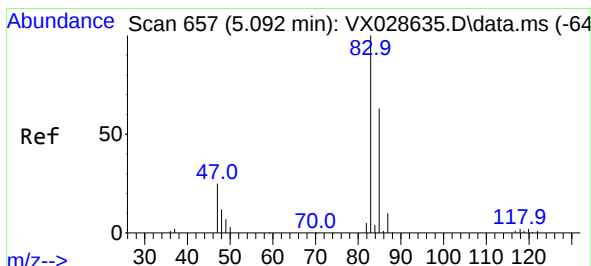
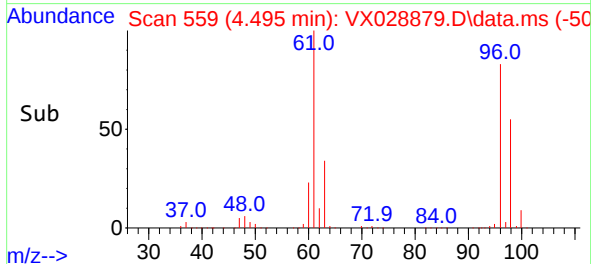
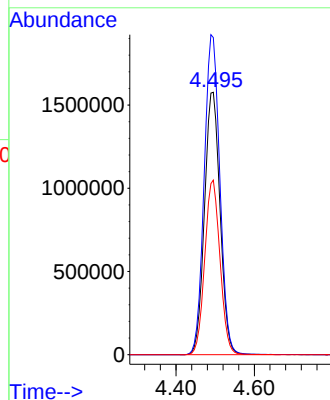
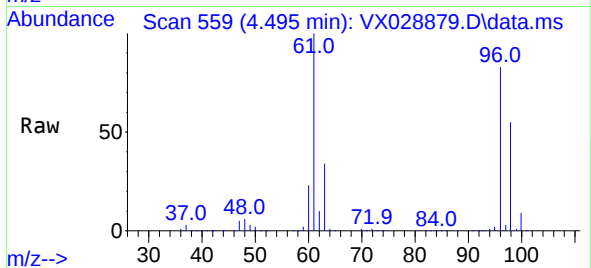
Tgt Ion: 96 Resp: 4351262

Ion Ratio Lower Upper

96 100

61 122.5 0.0 283.8

98 65.2 0.0 129.8



#30

Chloroform

Concen: 0.330 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX028879.D

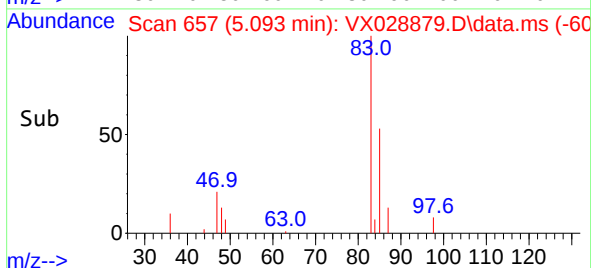
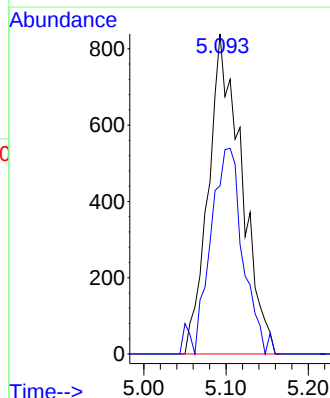
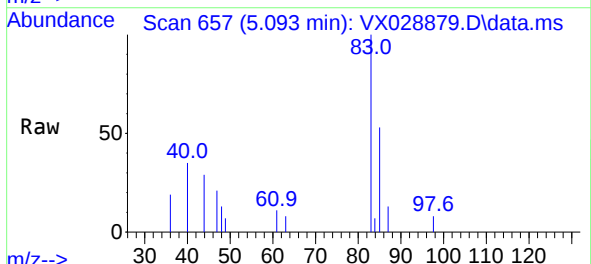
Acq: 21 May 2022 03:24

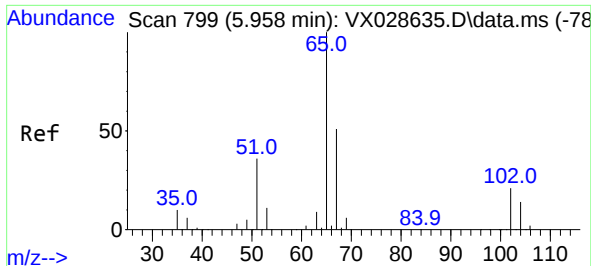
Tgt Ion: 83 Resp: 2351

Ion Ratio Lower Upper

83 100

85 52.6 52.7 79.1#





#33

1,2-Dichloroethane-d4

Concen: 52.435 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028879.D

Acq: 21 May 2022 03:24

Instrument :

MSVOA_X

ClientSampleId :

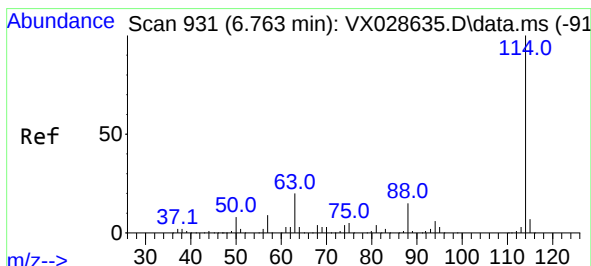
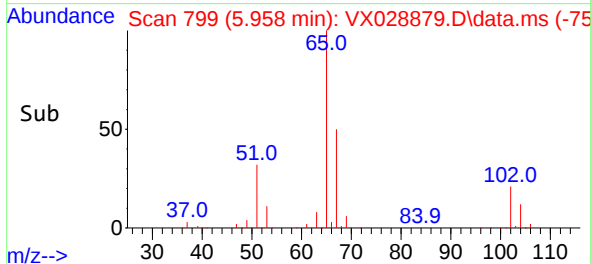
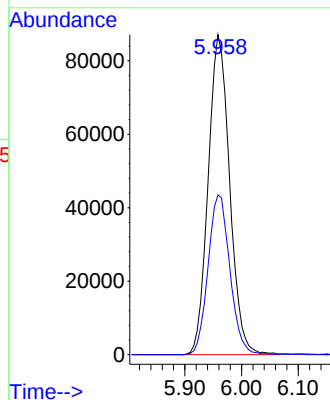
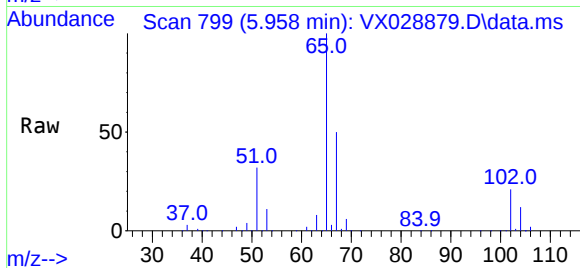
70BR-10-20220519

Tgt Ion: 65 Resp: 229471

Ion Ratio Lower Upper

65 100

67 50.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028879.D

Acq: 21 May 2022 03:24

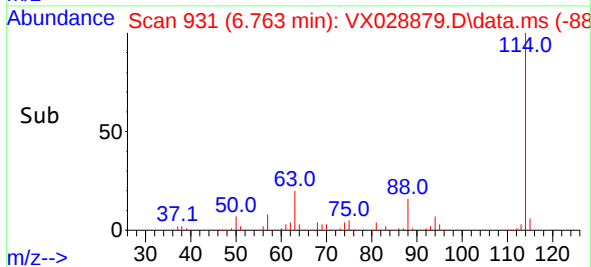
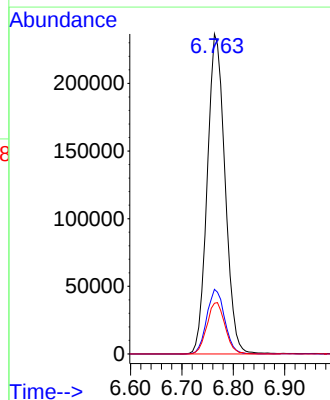
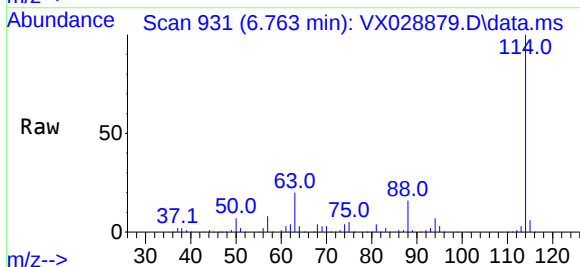
Tgt Ion: 114 Resp: 567563

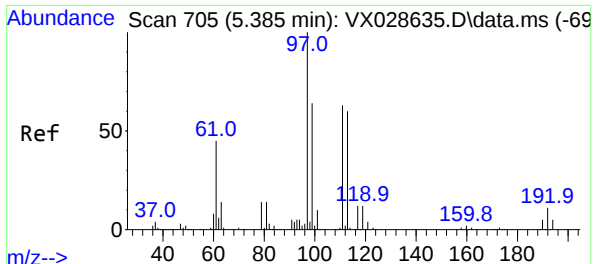
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.342 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028879.D

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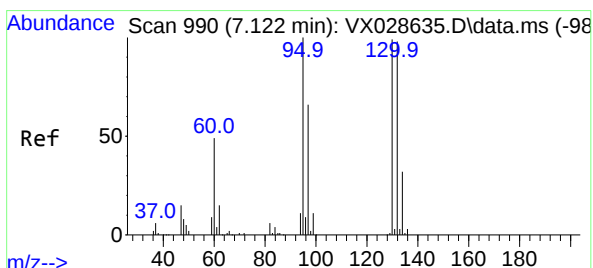
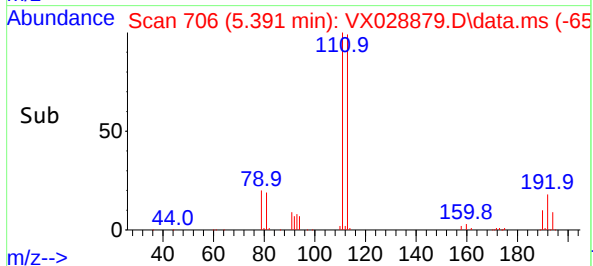
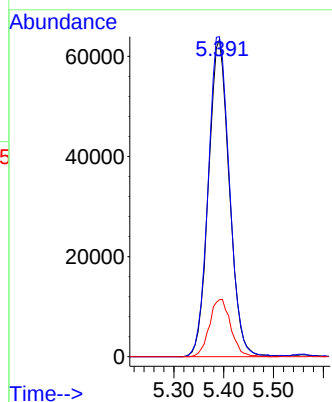
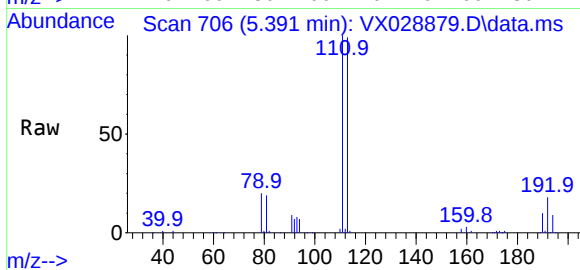
Tgt Ion:113 Resp: 183482

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.5 16.9 25.3



#44

Trichloroethene

Concen: 4594.378 ug/l

RT: 7.153 min Scan# 995

Delta R.T. 0.031 min

Lab File: VX028879.D

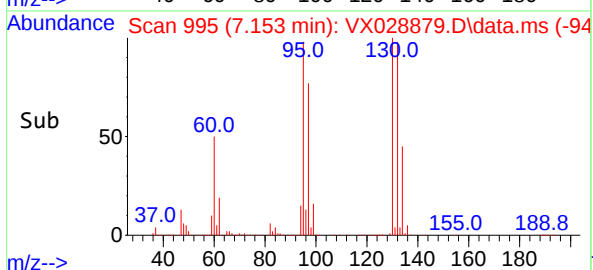
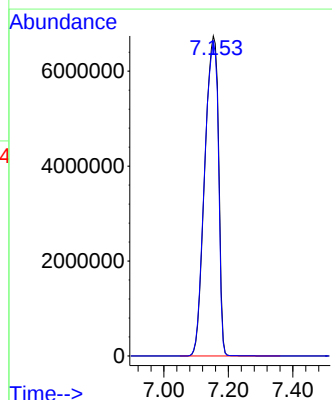
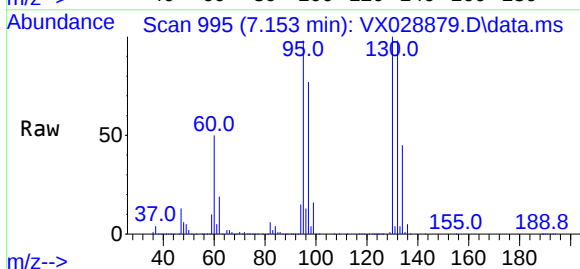
Acq: 21 May 2022 03:24

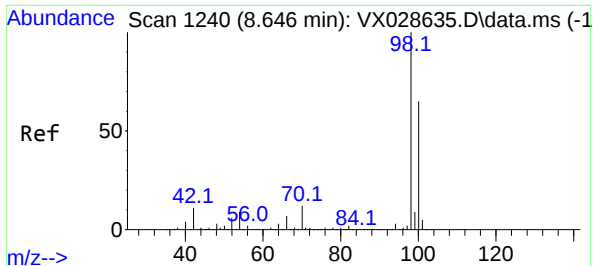
Tgt Ion:130 Resp:20001114

Ion Ratio Lower Upper

130 100

95 97.7 0.0 188.8

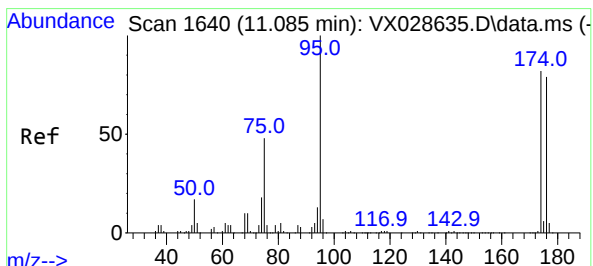
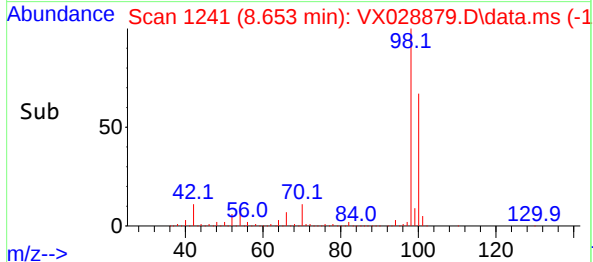
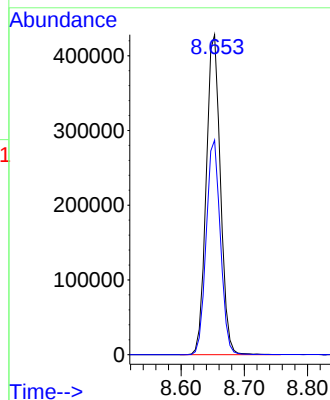
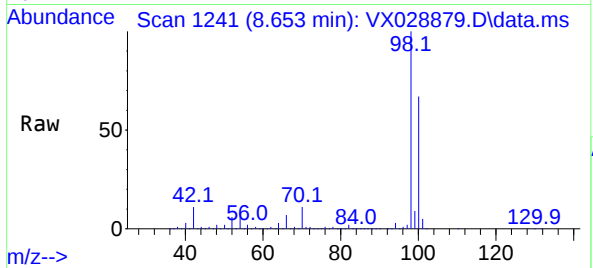




#50
Toluene-d8
Concen: 47.785 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

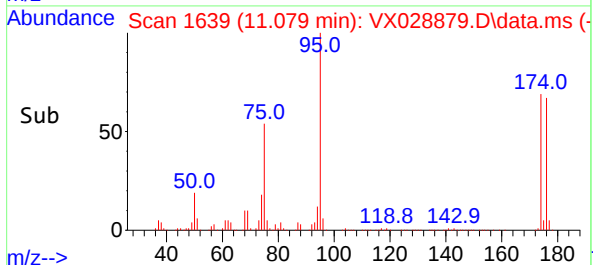
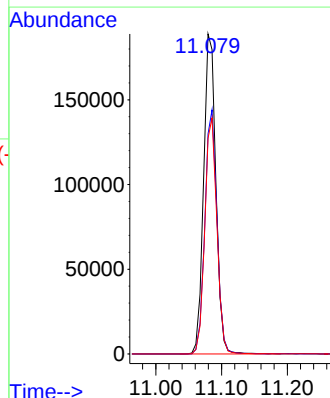
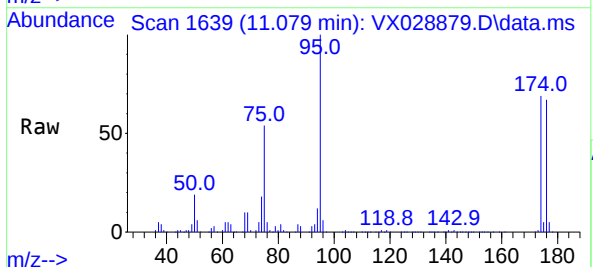
Instrument :
MSVOA_X
ClientSampleId :
70BR-10-20220519

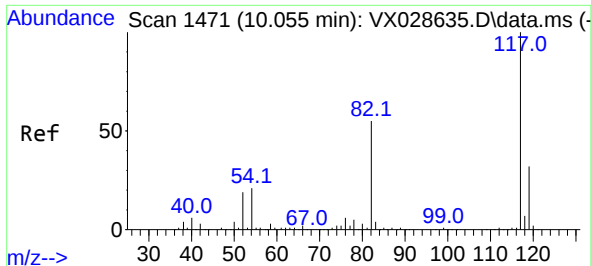
Tgt Ion: 98 Resp: 669928
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

Tgt Ion: 95 Resp: 244368
Ion Ratio Lower Upper
95 100
174 75.3 0.0 163.0
176 72.8 0.0 155.0

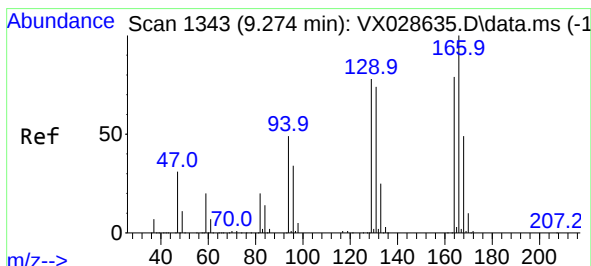
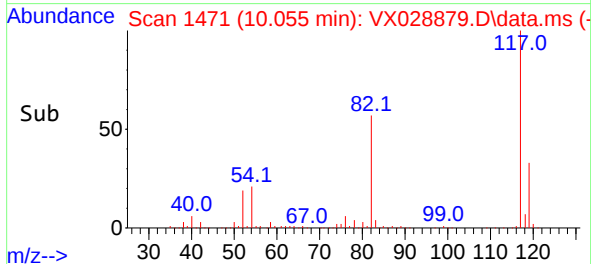
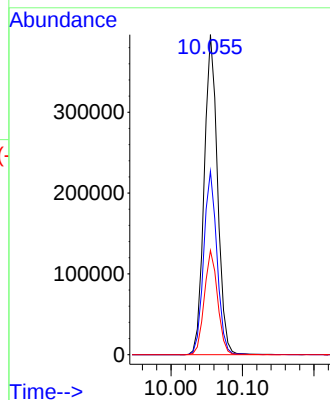
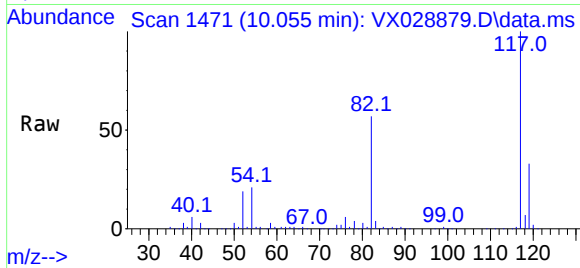




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

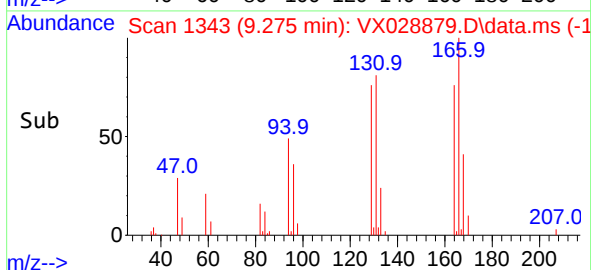
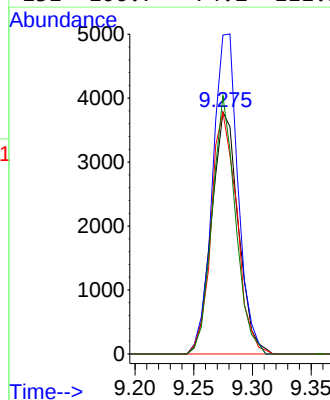
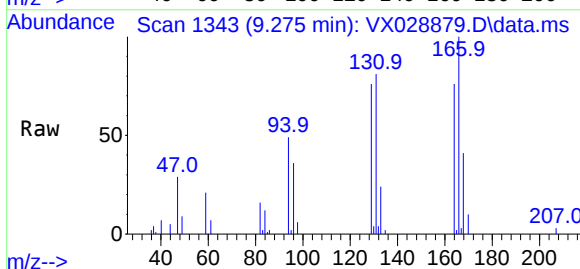
Instrument :
MSVOA_X
ClientSampleId :
70BR-10-20220519

Tgt Ion:117 Resp: 513456
Ion Ratio Lower Upper
117 100
82 57.3 41.8 62.8
119 32.6 24.8 37.2

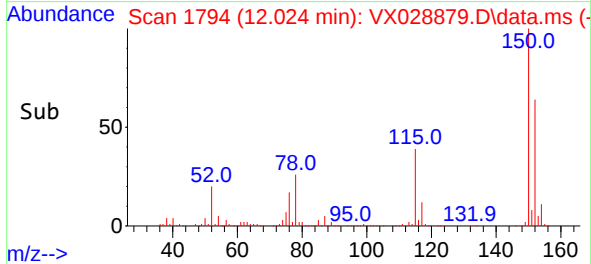
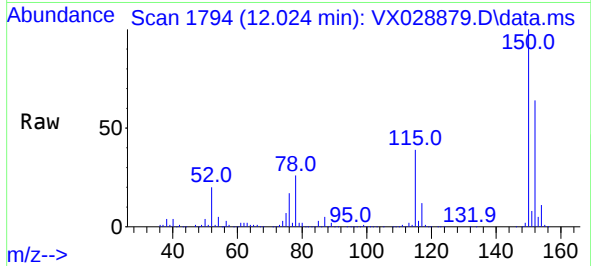
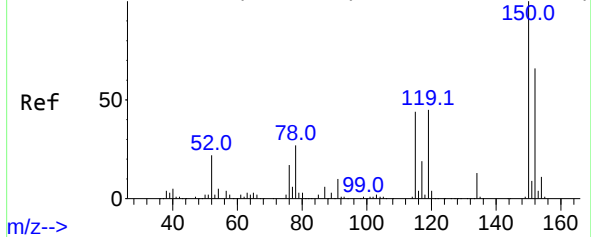


#64
Tetrachloroethene
Concen: 1.538 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

Tgt Ion:164 Resp: 5964
Ion Ratio Lower Upper
164 100
166 131.8 101.2 151.8
129 99.9 73.0 109.4
131 106.7 74.2 111.2



Abundance Scan 1794 (12.024 min): VX028635.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028879.D
Acq: 21 May 2022 03:24

Instrument :
MSVOA_X
ClientSampleId :
70BR-10-20220519

Tgt Ion:152 Resp: 227203
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 157.9 0.0 338.2

