

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028431.D
 Acq On : 29 Apr 2022 18:09
 Operator : JC/MD
 Sample : N2640-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWBR3-B-117-137-042922

Quant Time: Apr 30 09:16:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

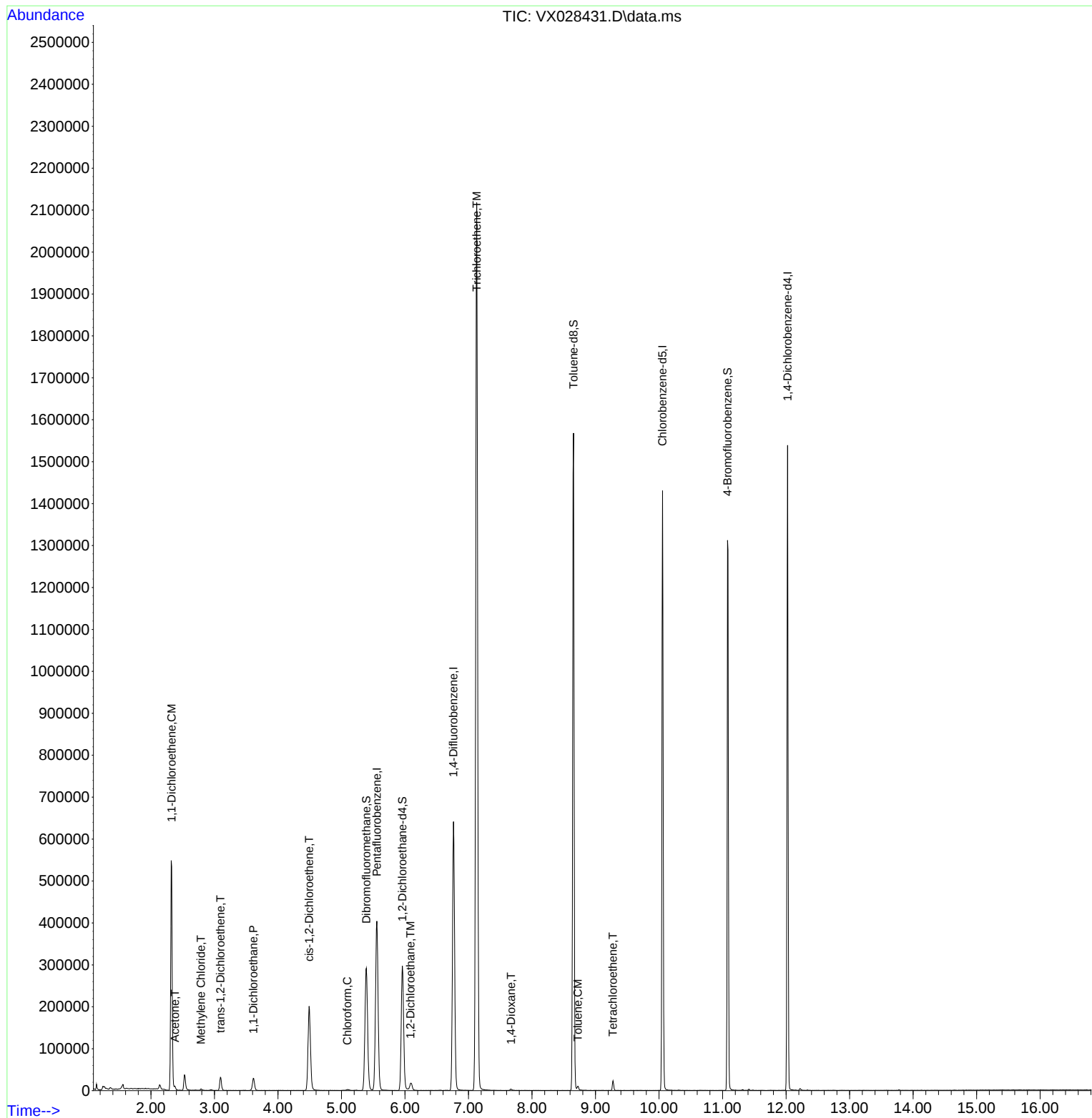
Internal Standards						
1) Pentafluorobenzene	5.556	168	390066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	674233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	652767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	311304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	282201	55.486	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.980%	
35) Dibromofluoromethane	5.391	113	254115	53.743	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.480%	
50) Toluene-d8	8.653	98	947466	52.171	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	11.079	95	344458	49.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.220%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.325	96	190888	63.677	ug/l	95
16) Acetone	2.379	43	8437	4.058	ug/l	98
20) Methylene Chloride	2.788	84	1383	0.366	ug/l #	74
21) trans-1,2-Dichloroethene	3.093	96	13739	3.370	ug/l	96
24) 1,1-Dichloroethane	3.611	63	31194	4.611	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	129482	26.636	ug/l	85
30) Chloroform	5.092	83	2567	0.316	ug/l	93
42) 1,2-Dichloroethane	6.086	62	19449	2.902	ug/l	100
44) Trichloroethene	7.129	130	811557	155.010	ug/l	99
49) 1,4-Dioxane	7.671	88	2516	20.112	ug/l	99
52) Toluene	8.720	92	3745	0.299	ug/l	92
64) Tetrachloroethene	9.275	164	4326	0.848	ug/l	90

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

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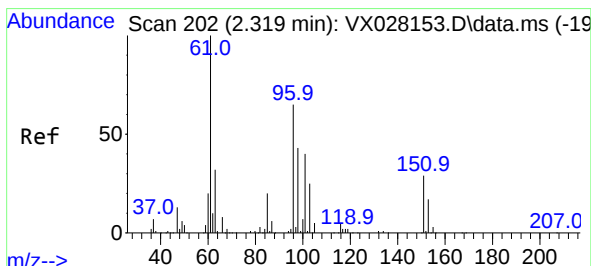
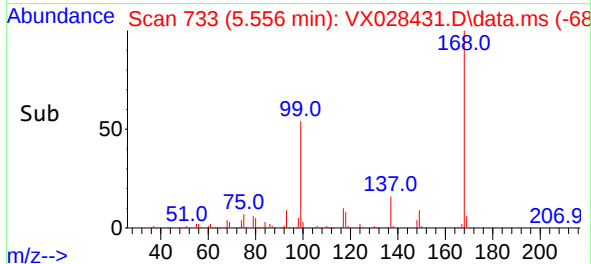
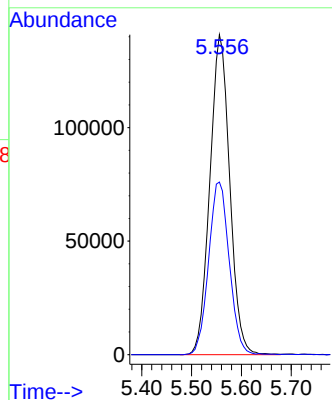
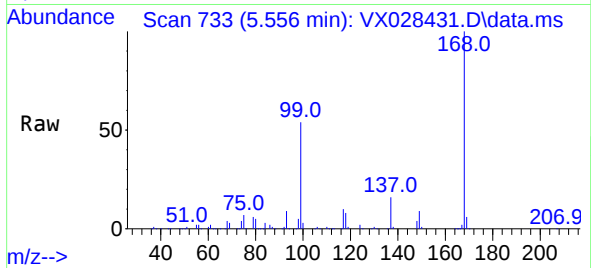




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

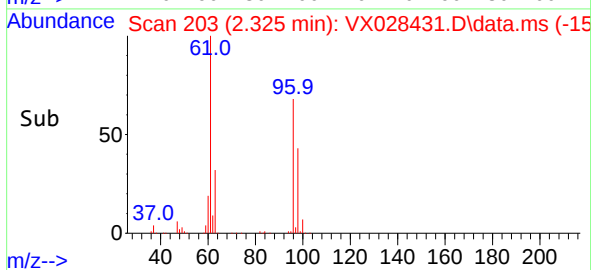
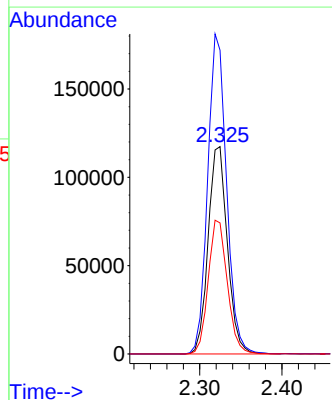
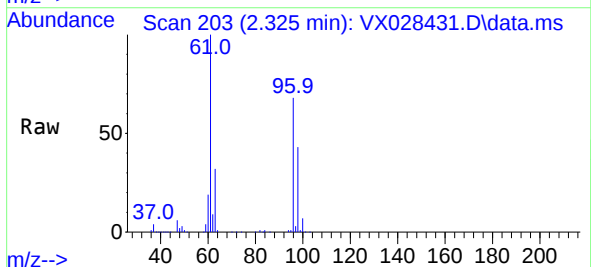
Instrument :
MSVOA_X
ClientSampleId :
MWBR3-B-117-137-042922

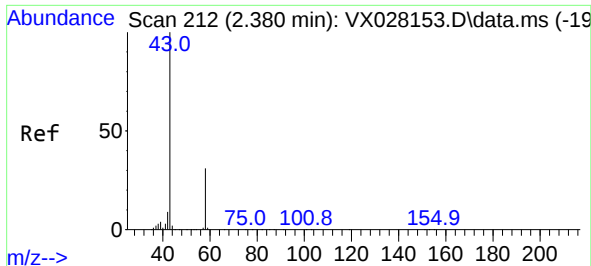
Tgt Ion:168 Resp: 390066
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#12
1,1-Dichloroethene
Concen: 63.677 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion: 96 Resp: 190888
Ion Ratio Lower Upper
96 100
61 146.4 124.6 187.0
98 63.2 51.0 76.4

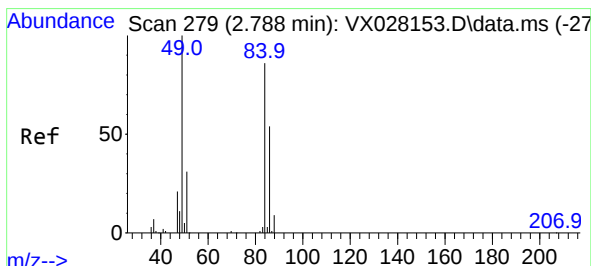
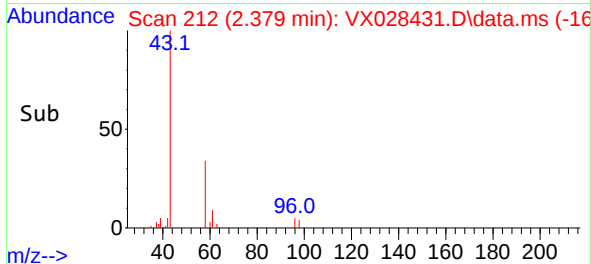
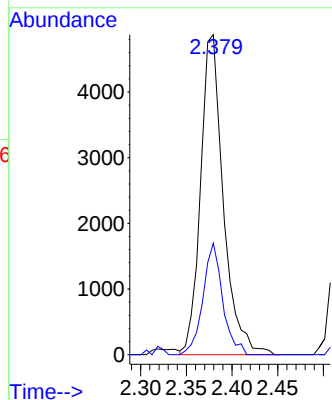
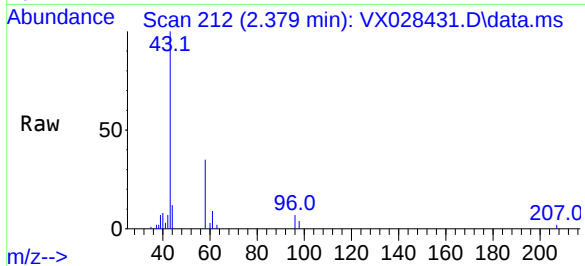




#16
Acetone
Concen: 4.058 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

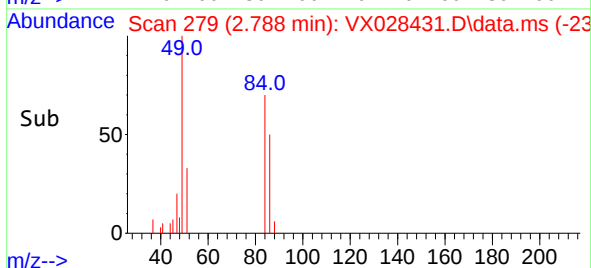
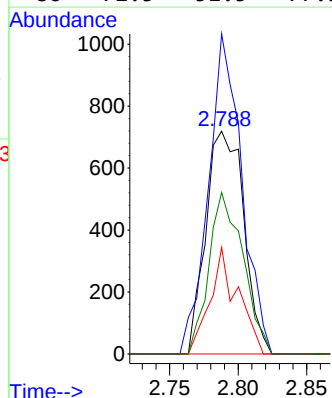
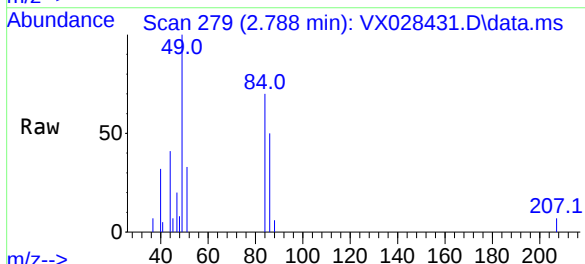
Instrument : MSVOA_X
ClientSampleId : MWBR3-B-117-137-042922

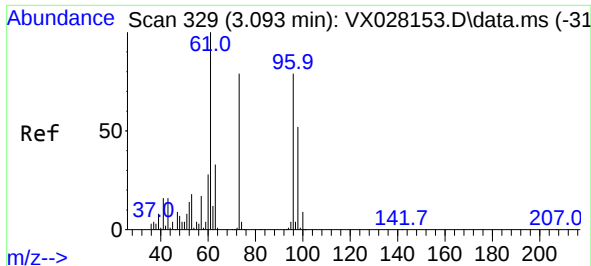
Tgt Ion: 43 Resp: 8437
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2



#20
Methylene Chloride
Concen: 0.366 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion: 84 Resp: 1383
Ion Ratio Lower Upper
84 100
49 143.7 85.5 128.3#
51 47.8 26.6 39.8#
86 72.5 51.5 77.3

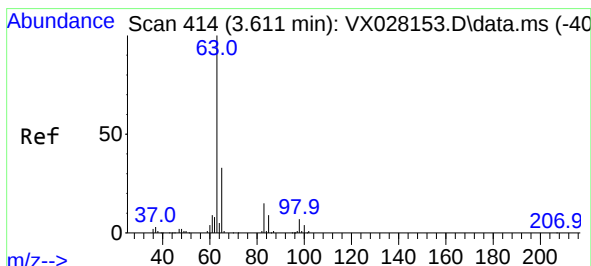
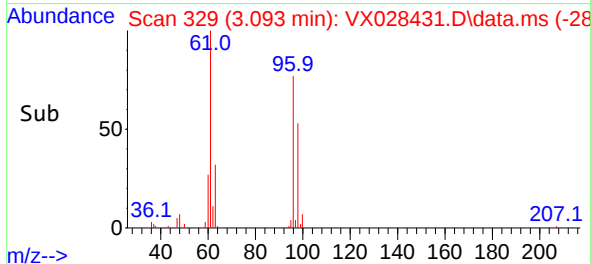
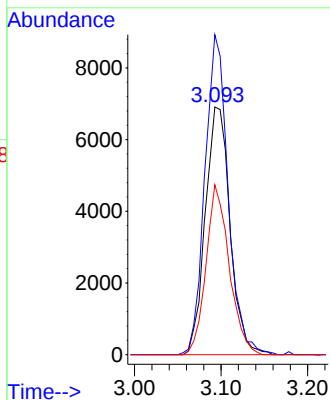
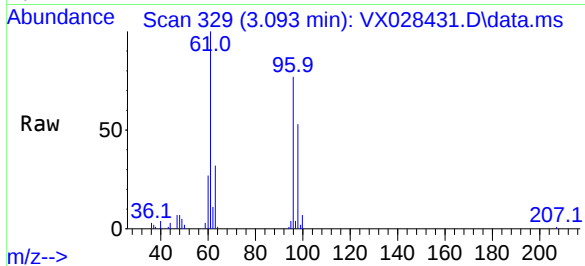




#21
trans-1,2-Dichloroethene
Concen: 3.370 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

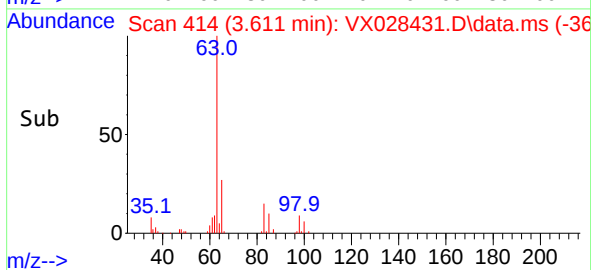
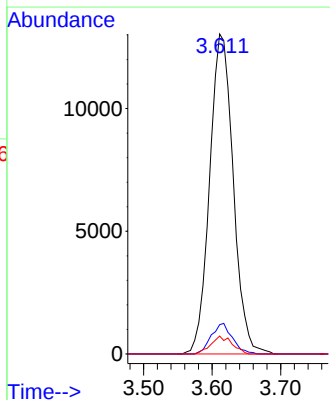
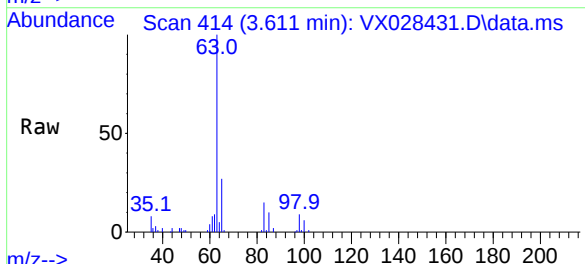
Instrument : MSVOA_X
ClientSampleId : MWBR3-B-117-137-042922

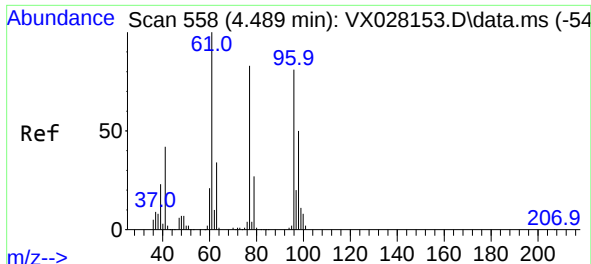
Tgt Ion: 96 Resp: 13739
Ion Ratio Lower Upper
96 100
61 129.2 105.4 158.2
98 68.6 50.0 75.0



#24
1,1-Dichloroethane
Concen: 4.611 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion: 63 Resp: 31194
Ion Ratio Lower Upper
63 100
98 9.1 3.9 11.7
100 5.6 2.4 7.2

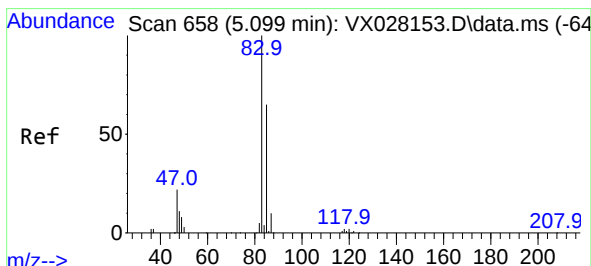
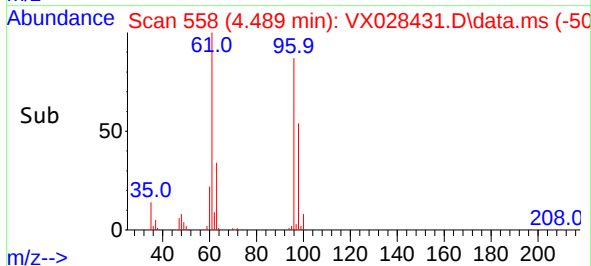
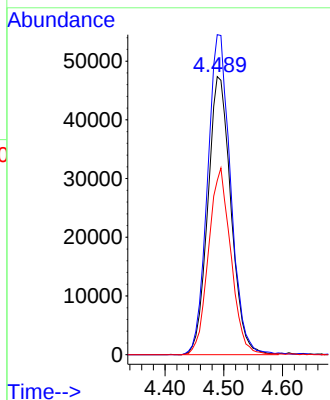
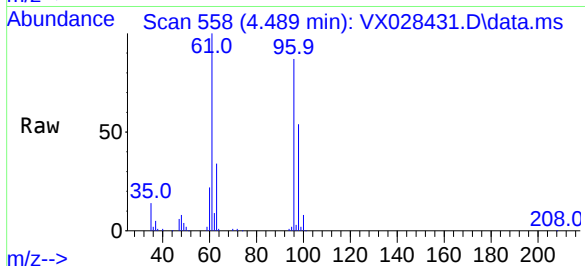




#27
cis-1,2-Dichloroethene
Concen: 26.636 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

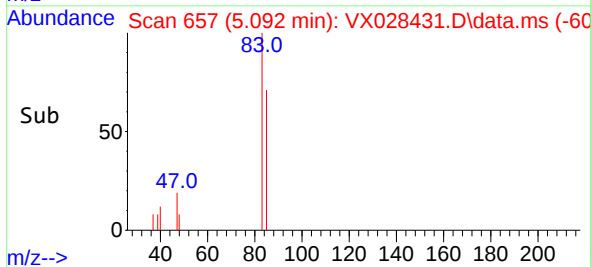
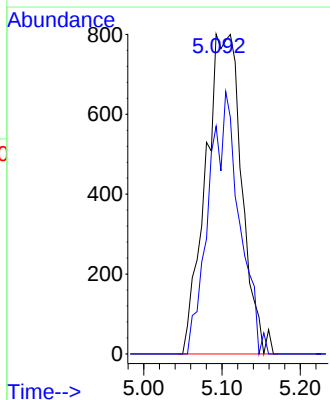
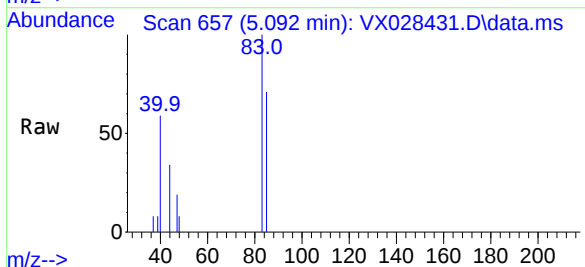
Instrument :
MSVOA_X
ClientSampleId :
MWBR3-B-117-137-042922

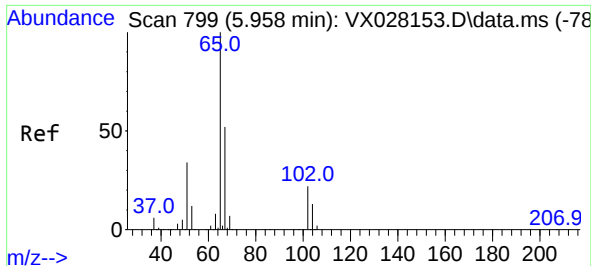
Tgt Ion: 96 Resp: 129482
Ion Ratio Lower Upper
96 100
61 115.1 0.0 283.8
98 65.0 0.0 129.8



#30
Chloroform
Concen: 0.316 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.007 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion: 83 Resp: 2567
Ion Ratio Lower Upper
83 100
85 71.2 52.7 79.1

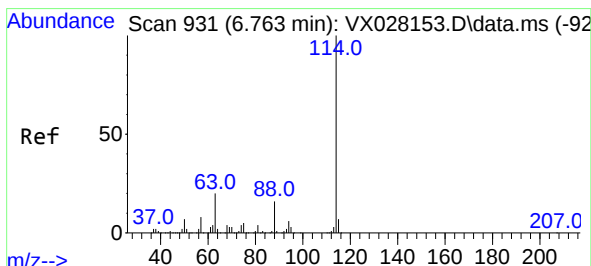
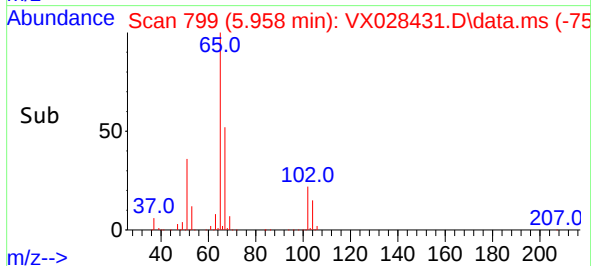
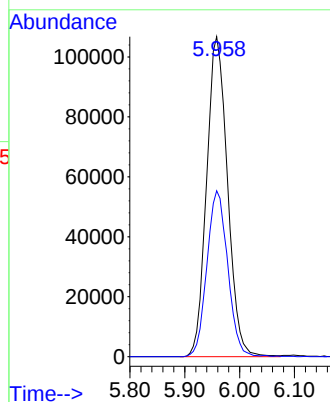
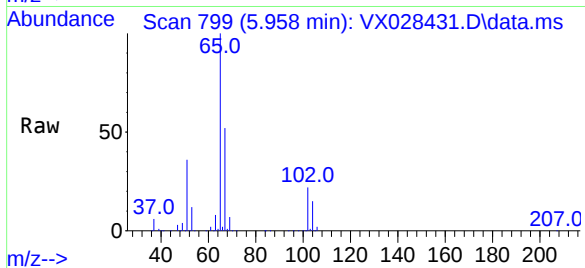




#33
1,2-Dichloroethane-d4
Concen: 55.486 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

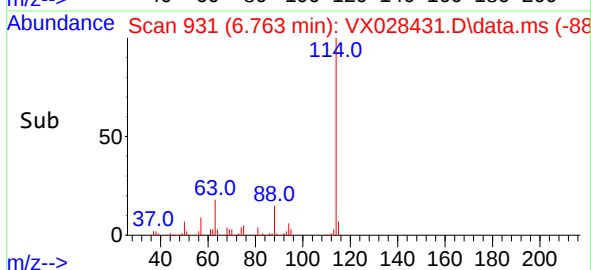
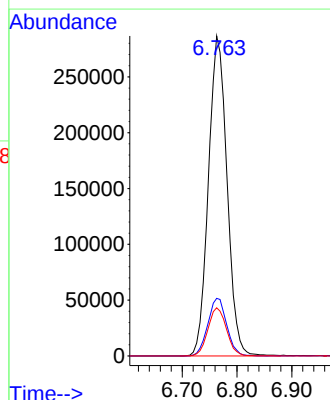
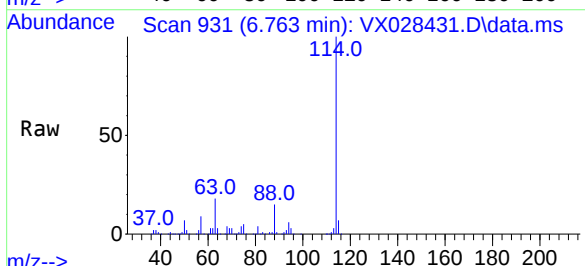
Instrument :
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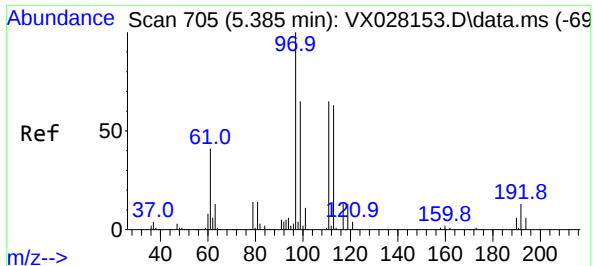
Tgt Ion: 65 Resp: 282201
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion: 114 Resp: 674233
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 15.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.743 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028431.D

Acq: 29 Apr 2022 18:09

Instrument :

MSVOA_X

ClientSampleId :

MWBR3-B-117-137-042922

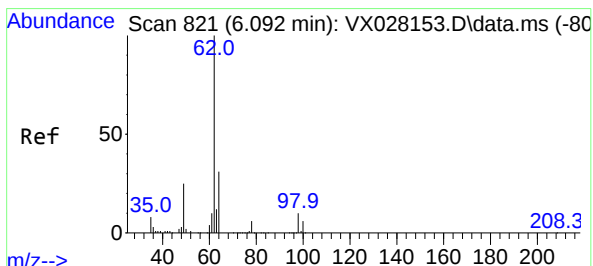
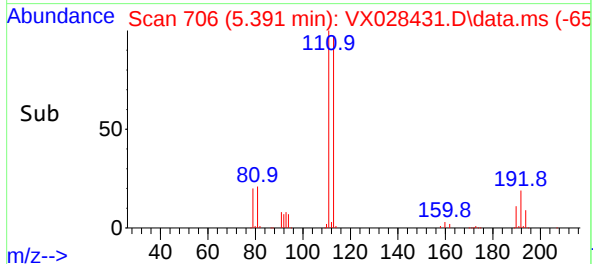
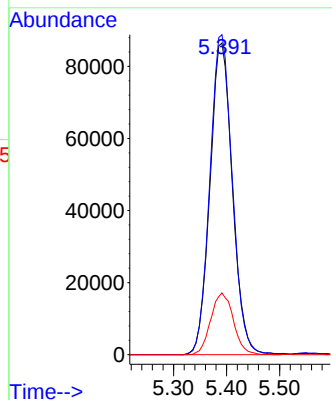
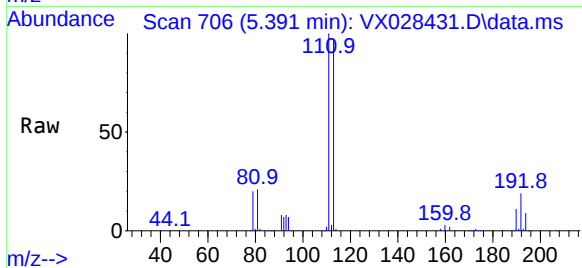
Tgt Ion:113 Resp: 254115

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 20.0 16.9 25.3



#42

1,2-Dichloroethane

Concen: 2.902 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX028431.D

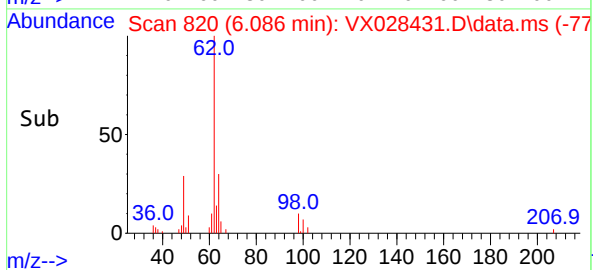
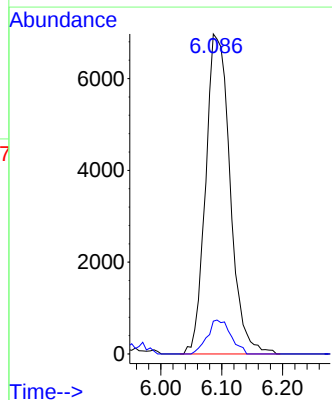
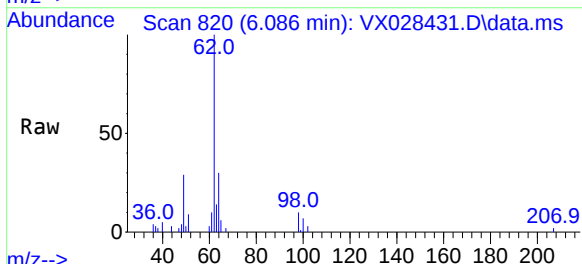
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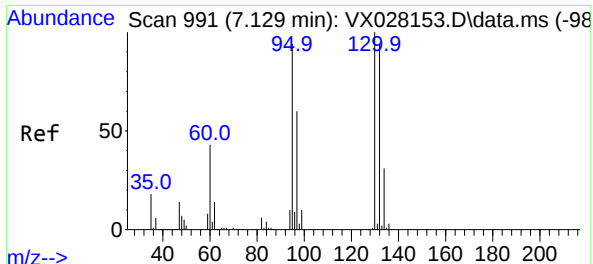
Tgt Ion: 62 Resp: 19449

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.4

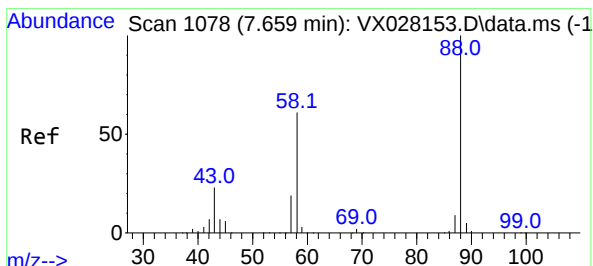
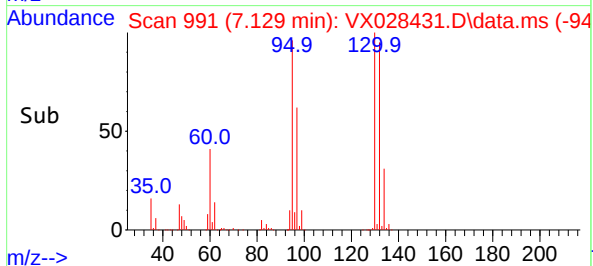
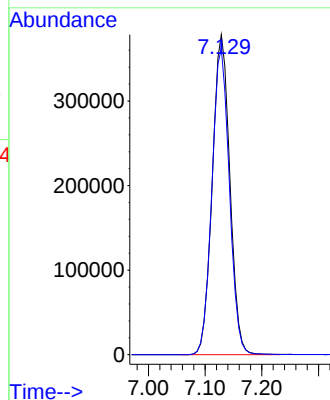
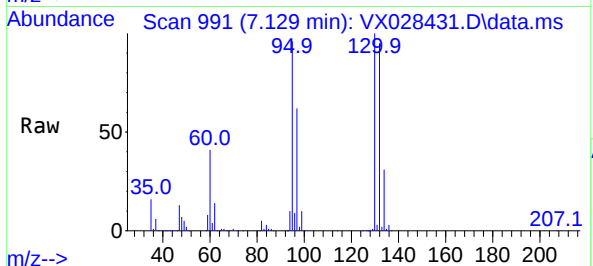




#44
Trichloroethene
Concen: 155.010 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

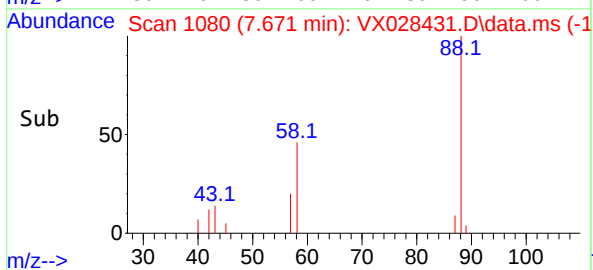
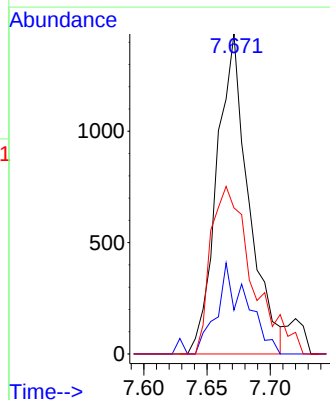
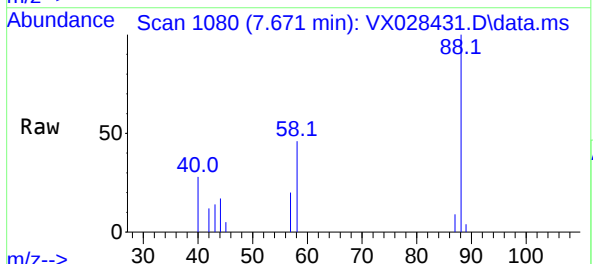
Instrument :
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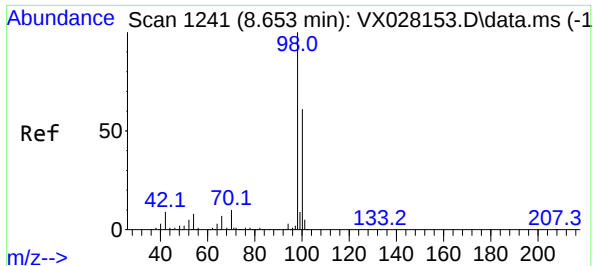
Tgt Ion:130 Resp: 811557
Ion Ratio Lower Upper
130 100
95 95.7 0.0 188.8



#49
1,4-Dioxane
Concen: 20.112 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion: 88 Resp: 2516
Ion Ratio Lower Upper
88 100
43 26.8 21.9 32.9
58 68.4 53.7 80.5

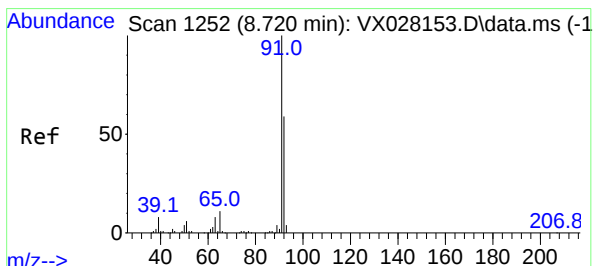
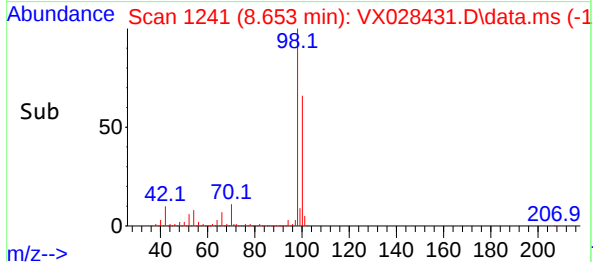
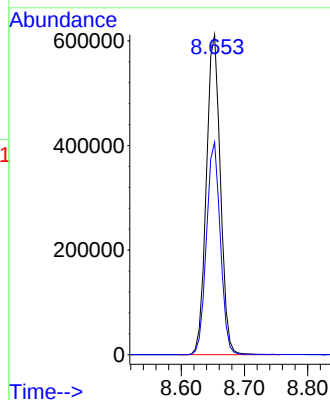
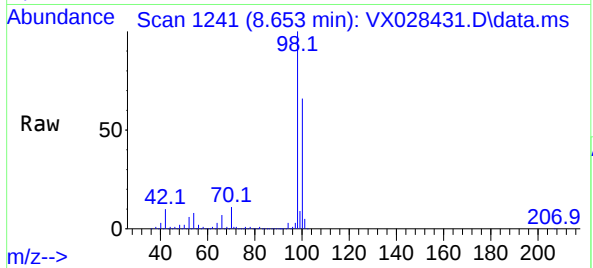




#50
Toluene-d8
Concen: 52.171 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

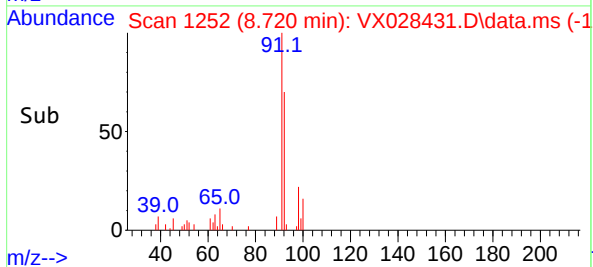
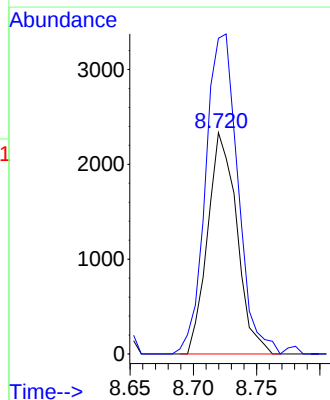
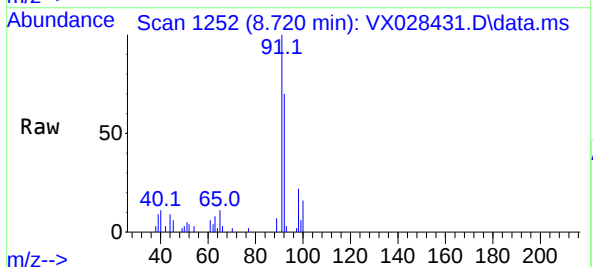
Instrument : MSVOA_X
ClientSampleId : MWBR3-B-117-137-042922

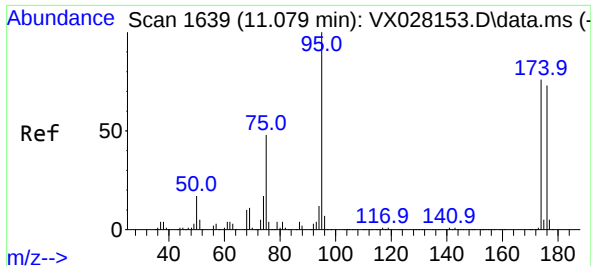
Tgt Ion: 98 Resp: 947466
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 0.299 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion: 92 Resp: 3745
Ion Ratio Lower Upper
92 100
91 161.4 137.5 206.3

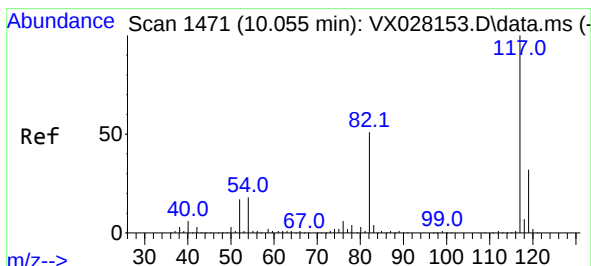
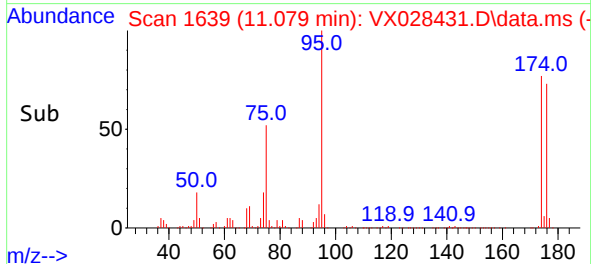
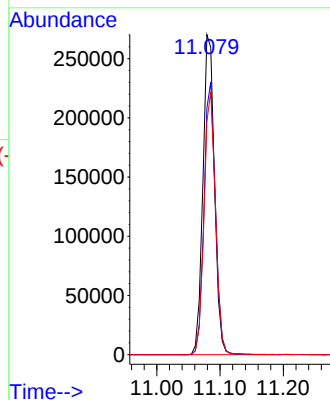
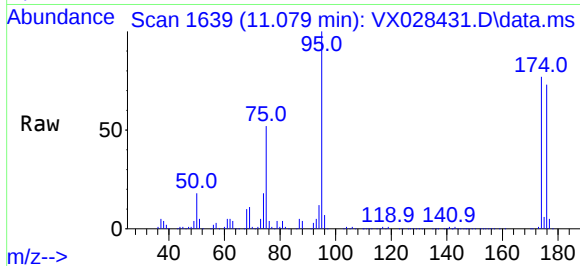




#62
4-Bromofluorobenzene
Concen: 49.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

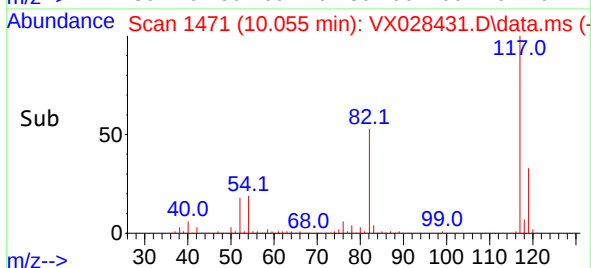
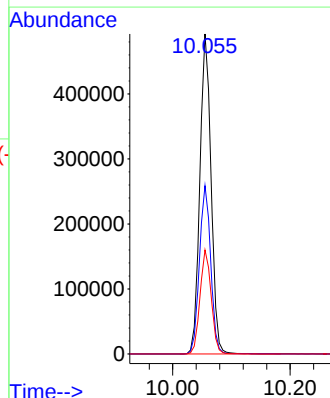
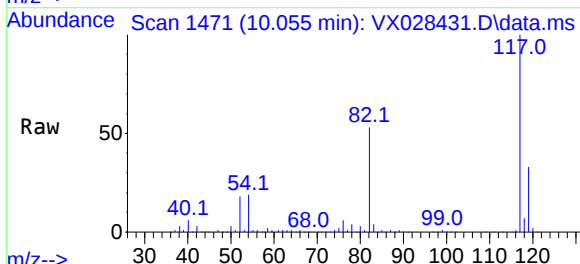
Instrument :
MSVOA_X
ClientSampleId :
MWBR3-B-117-137-042922

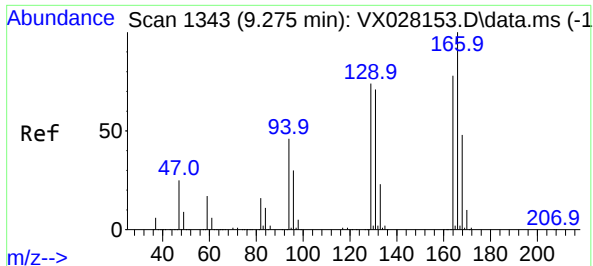
Tgt Ion: 95 Resp: 344458
Ion Ratio Lower Upper
95 100
174 84.0 0.0 163.0
176 81.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion: 117 Resp: 652767
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.5 24.8 37.2



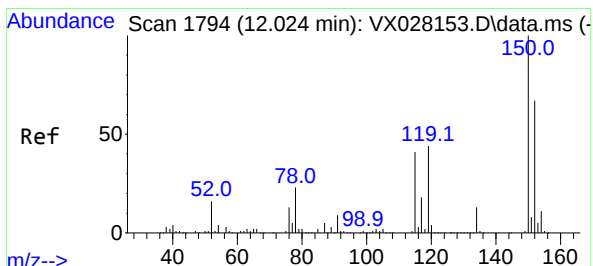
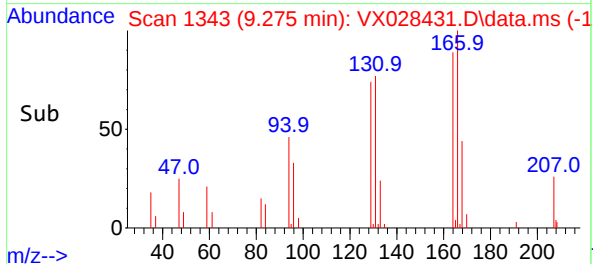
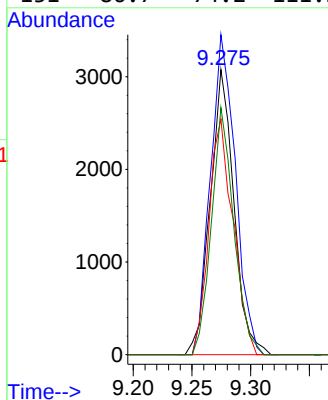
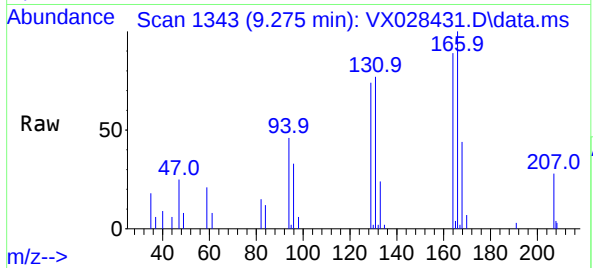


#64
Tetrachloroethene
Concen: 0.848 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
MWBR3-B-117-137-042922

Tgt Ion:164 Resp: 4326

Ion	Ratio	Lower	Upper
164	100		
166	112.2	101.2	151.8
129	82.7	73.0	109.4
131	86.7	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028431.D
Acq: 29 Apr 2022 18:09

Tgt Ion:152 Resp: 311304

Ion	Ratio	Lower	Upper
152	100		
115	58.3	37.5	112.7
150	156.6	0.0	338.2

