

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028954.D
 Acq On : 25 May 2022 16:37
 Operator : JC/MD
 Sample : N3030-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 74BR-20220524

Quant Time: May 26 05:45:35 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)

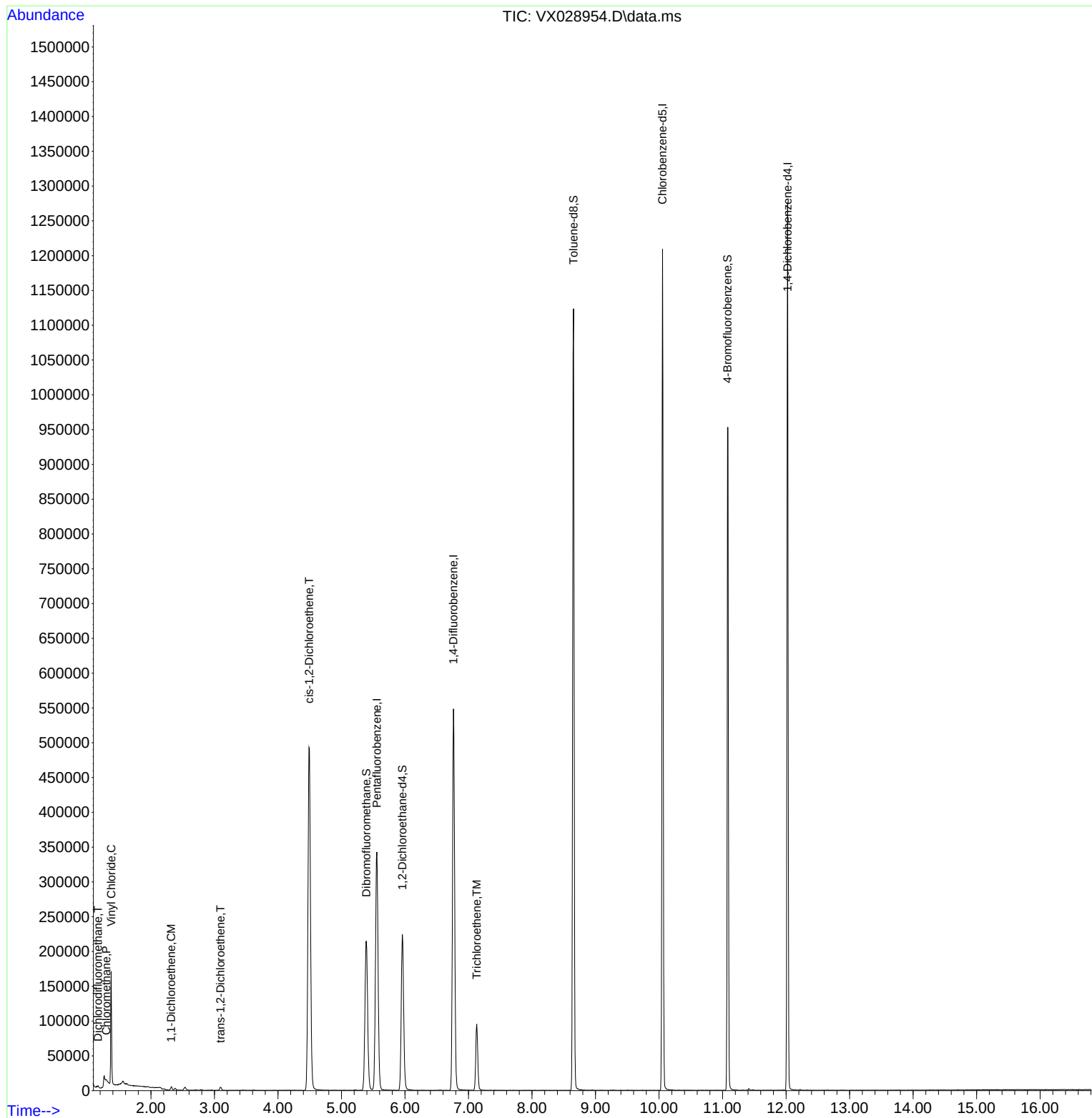
Internal Standards						
1) Pentafluorobenzene	5.556	168	321021	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	570406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	552670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222715	50.612	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.220%	
35) Dibromofluoromethane	5.391	113	192152	51.416	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.840%	
50) Toluene-d8	8.653	98	685341	48.640	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	11.079	95	269553	51.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.440%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1322	0.315	ug/l	99
3) Chloromethane	1.294	50	1115	0.282	ug/l	92
4) Vinyl Chloride	1.373	62	96187	22.547	ug/l	99
12) 1,1-Dichloroethene	2.318	96	1772	0.533	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	1996	0.533	ug/l	# 70
27) cis-1,2-Dichloroethene	4.489	96	327181	74.855	ug/l	89
44) Trichloroethene	7.129	130	37862	8.654	ug/l	92

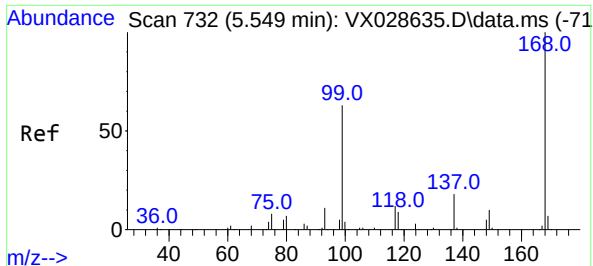
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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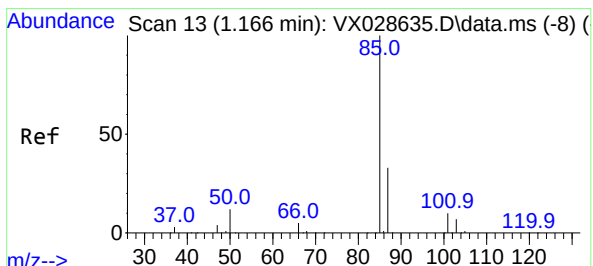
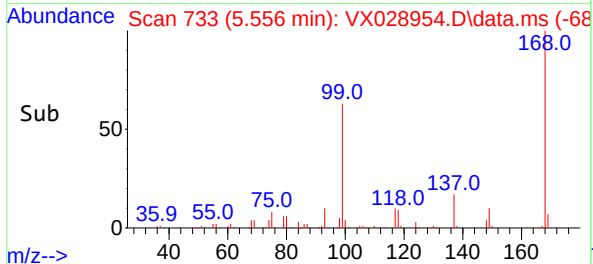
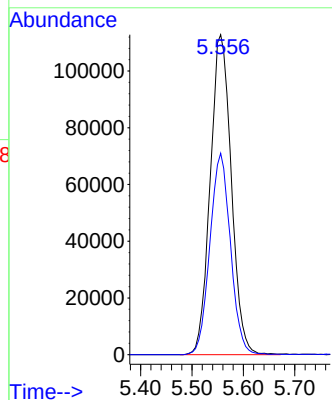
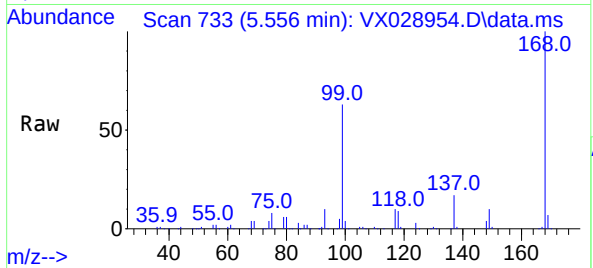




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

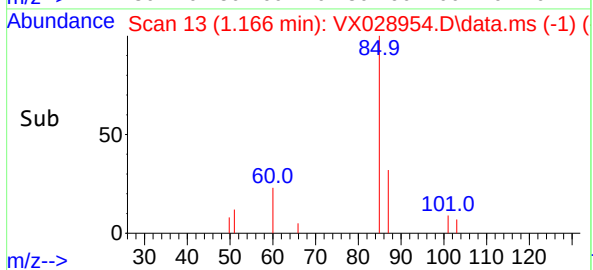
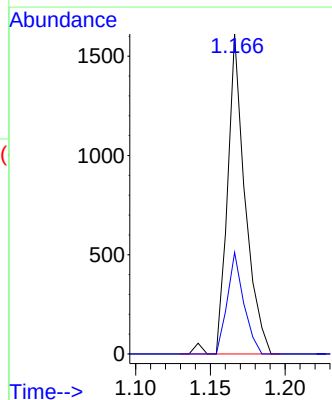
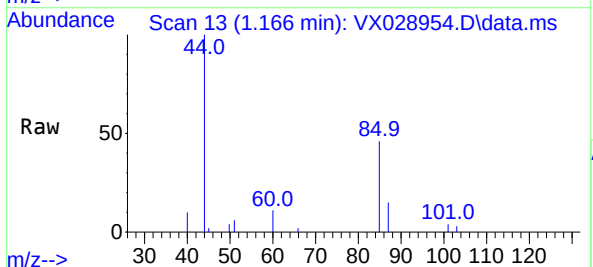
Instrument :
MSVOA_X
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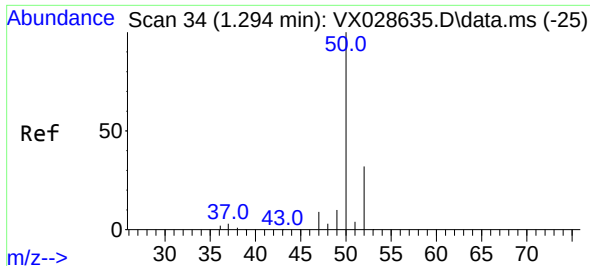
Tgt Ion:168 Resp: 321021
Ion Ratio Lower Upper
168 100
99 63.0 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 0.315 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 85 Resp: 1322
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6

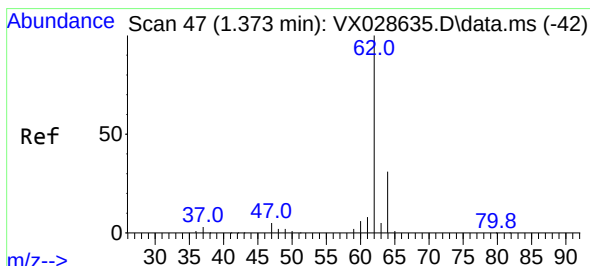
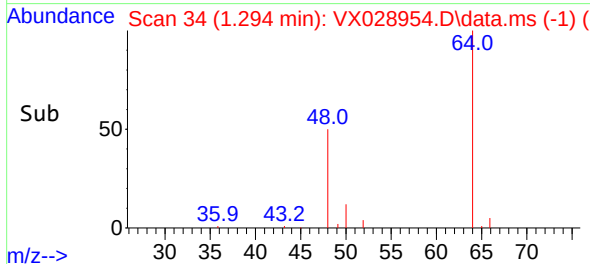
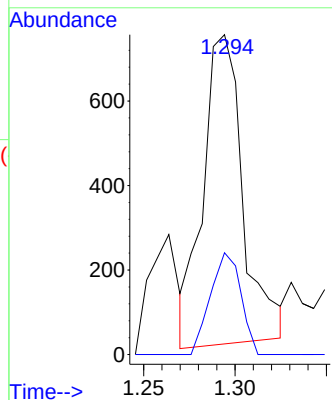
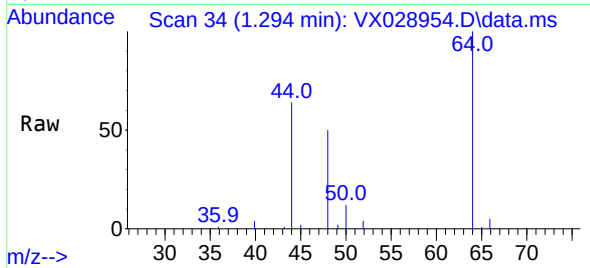




#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

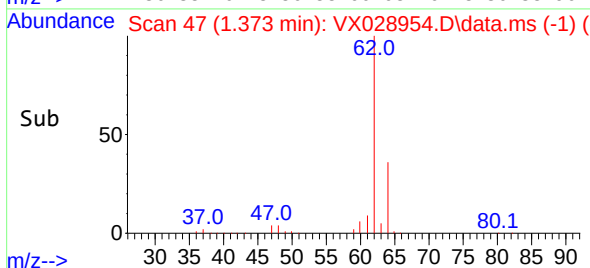
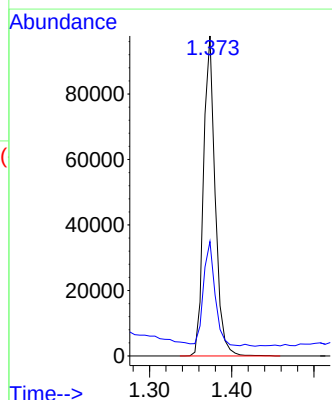
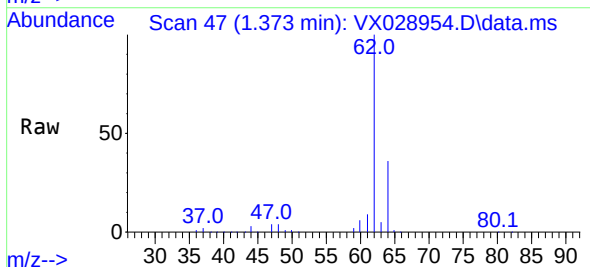
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

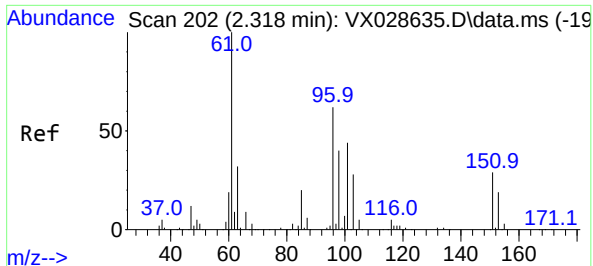
Tgt Ion: 50 Resp: 1115
Ion Ratio Lower Upper
50 100
52 37.5 26.4 39.6



#4
Vinyl Chloride
Concen: 22.547 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 62 Resp: 96187
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

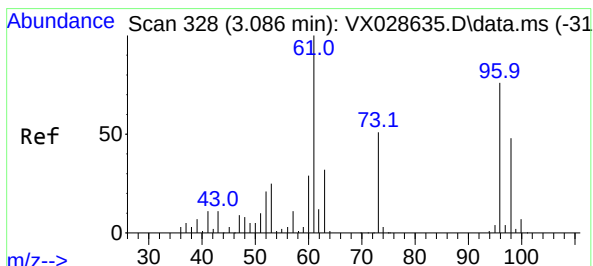
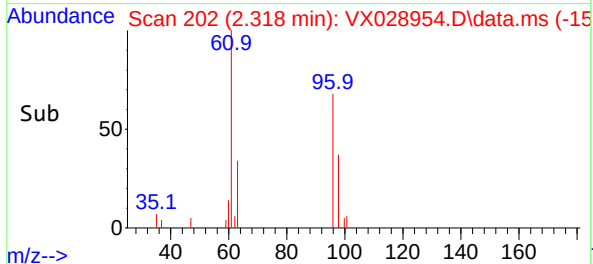
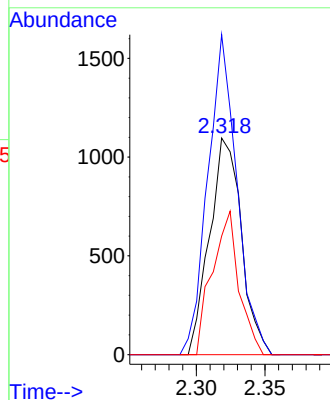
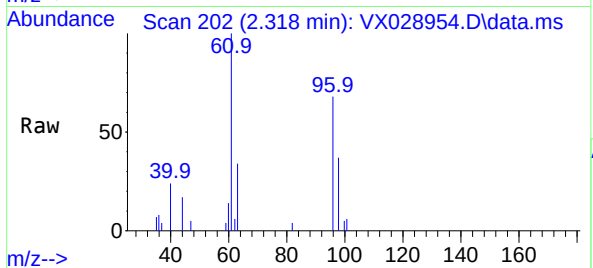




#12
1,1-Dichloroethene
Concen: 0.533 ug/l
RT: 2.318 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

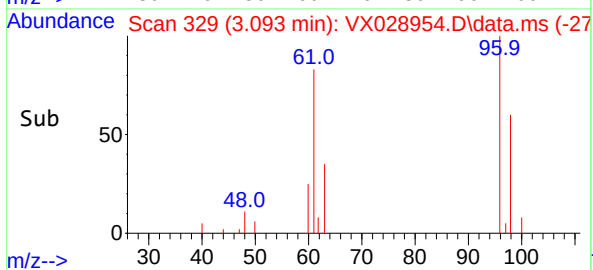
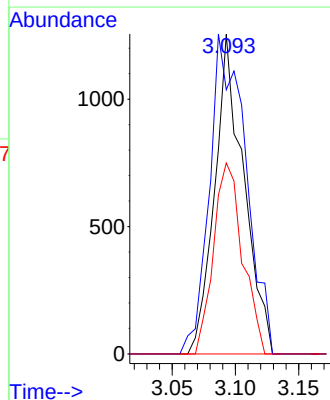
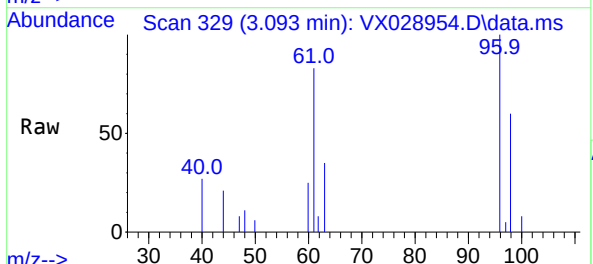
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

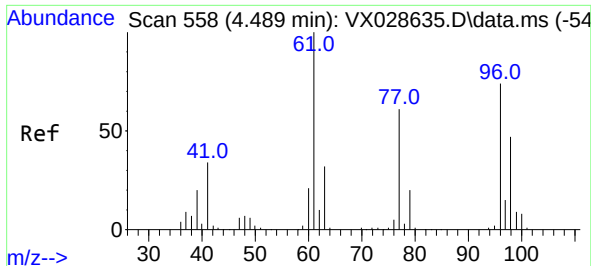
Tgt Ion: 96 Resp: 1772
Ion Ratio Lower Upper
96 100
61 147.7 124.6 187.0
98 54.7 51.0 76.4



#21
trans-1,2-Dichloroethene
Concen: 0.533 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.007 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 96 Resp: 1996
Ion Ratio Lower Upper
96 100
61 82.6 105.4 158.2#
98 59.8 50.0 75.0

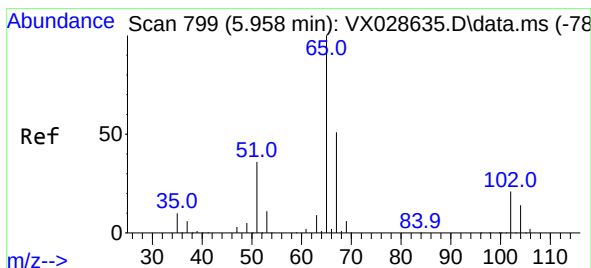
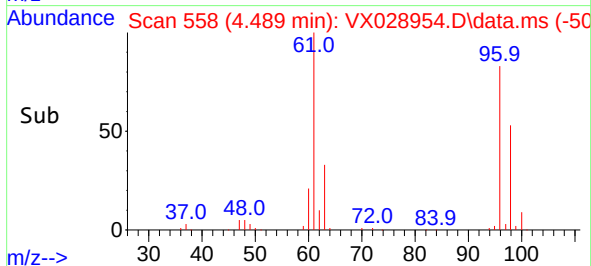
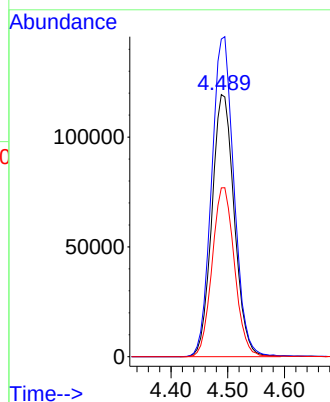
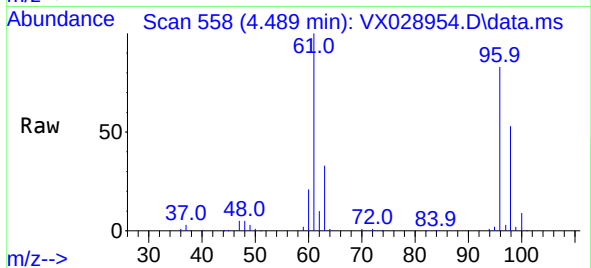




#27
cis-1,2-Dichloroethene
Concen: 74.855 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

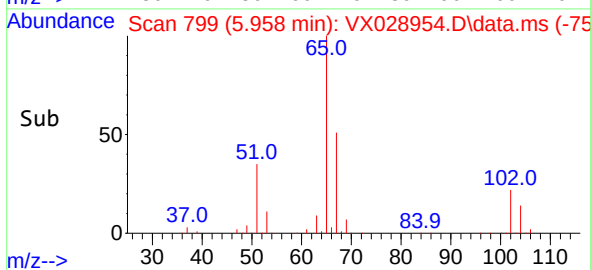
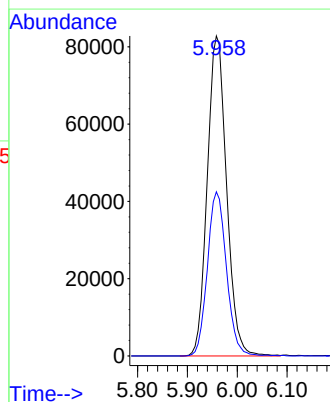
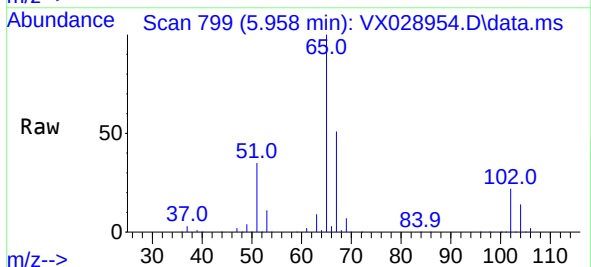
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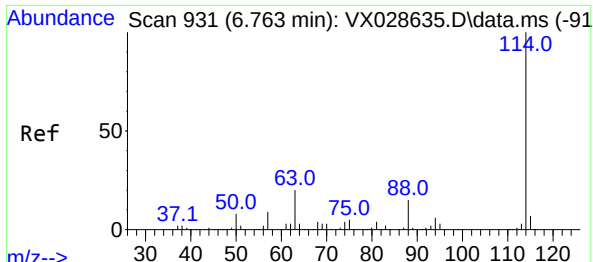
Tgt Ion: 96 Resp: 327181
Ion Ratio Lower Upper
96 100
61 122.2 0.0 283.8
98 64.5 0.0 129.8



#33
1,2-Dichloroethane-d4
Concen: 50.612 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 65 Resp: 222715
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4

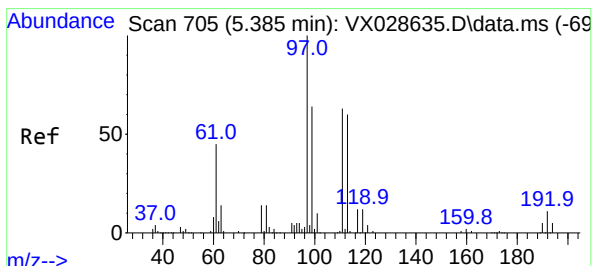
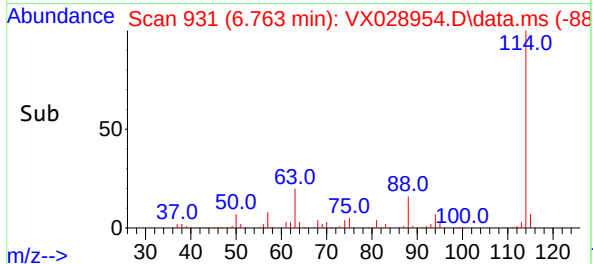
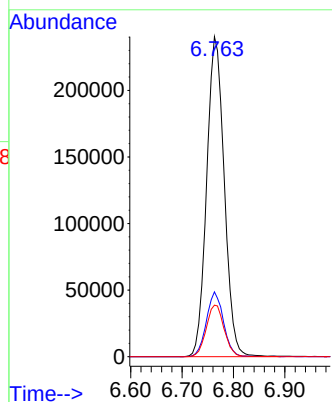
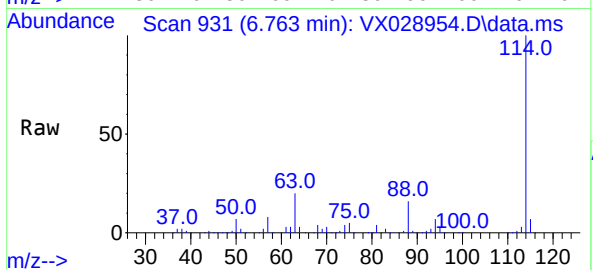




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

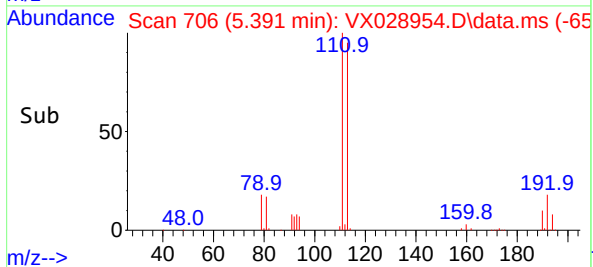
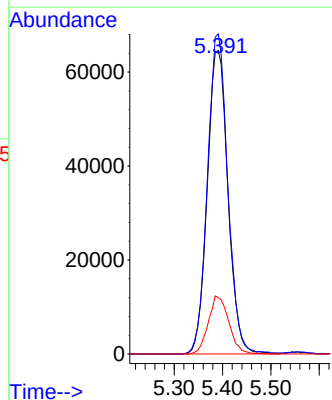
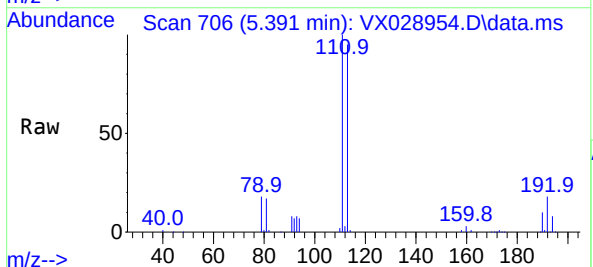
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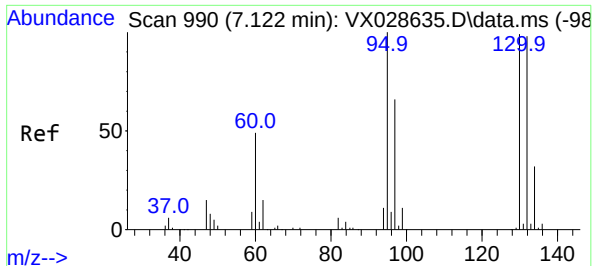
Tgt Ion:114 Resp: 570406
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.416 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion:113 Resp: 192152
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 18.9 16.9 25.3

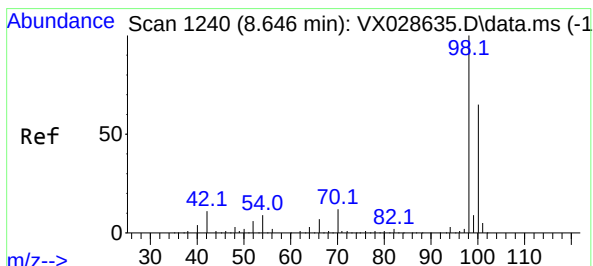
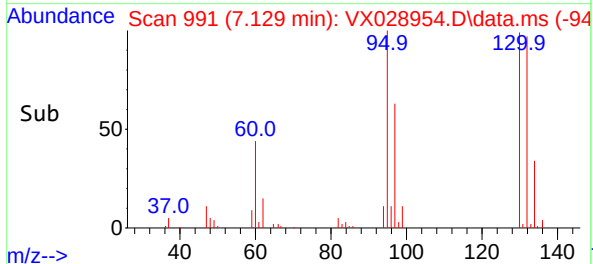
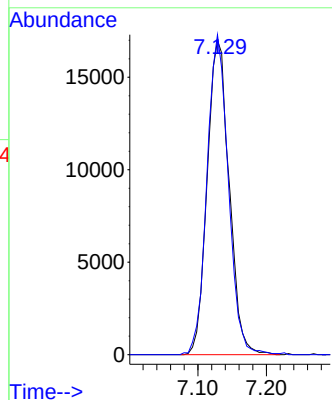
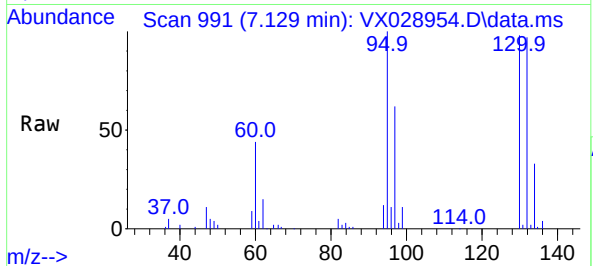




#44
Trichloroethene
Concen: 8.654 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

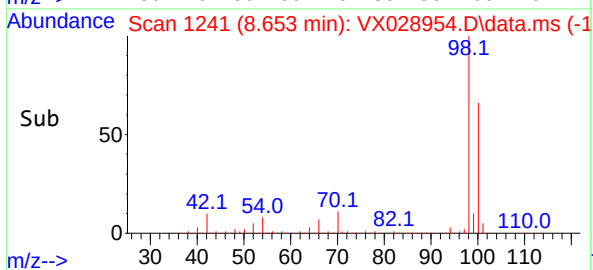
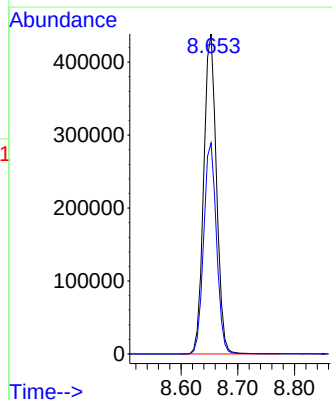
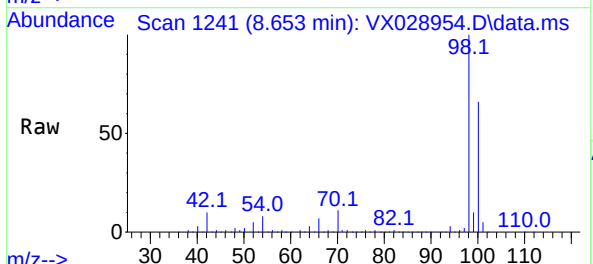
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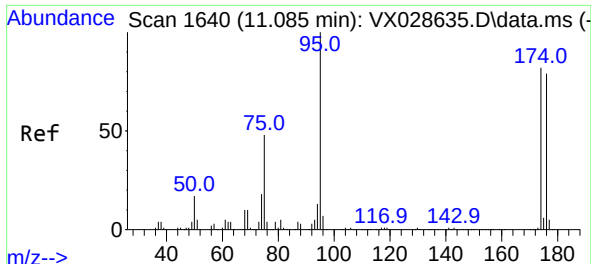
Tgt Ion:130 Resp: 37862
Ion Ratio Lower Upper
130 100
95 101.8 0.0 188.8



#50
Toluene-d8
Concen: 48.640 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 98 Resp: 685341
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

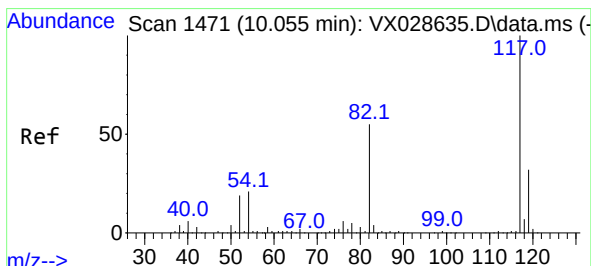
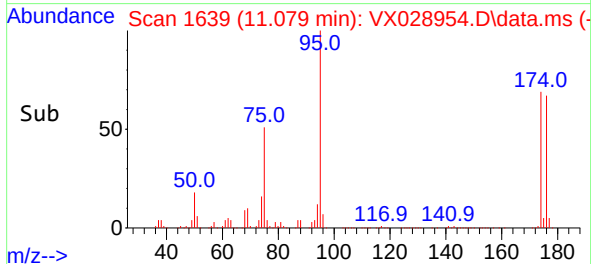
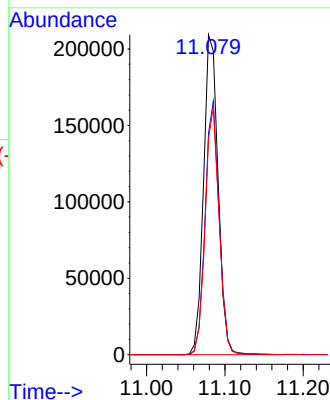
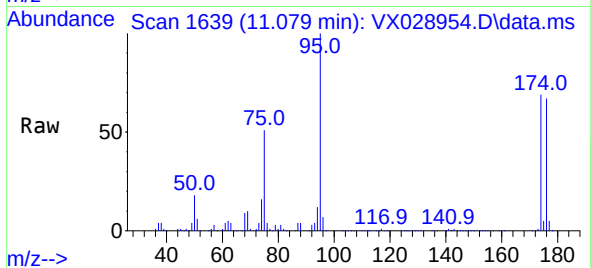




#62
4-Bromofluorobenzene
Concen: 51.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

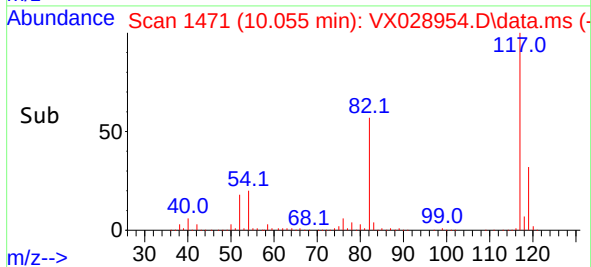
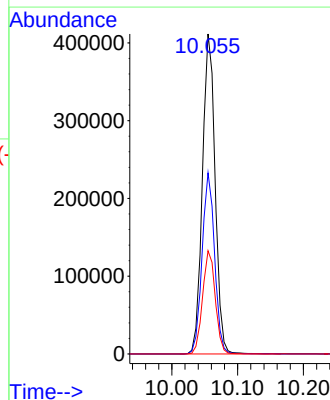
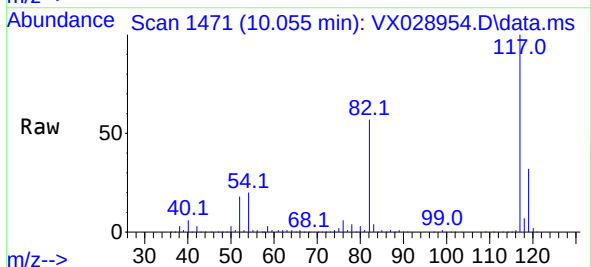
Instrument :
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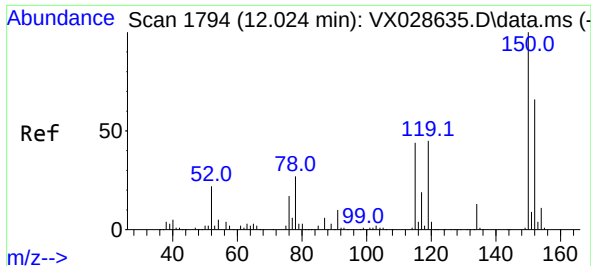
Tgt Ion: 95 Resp: 269553
Ion Ratio Lower Upper
95 100
174 76.4 0.0 163.0
176 74.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 117 Resp: 552670
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.3 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: VX028954.D

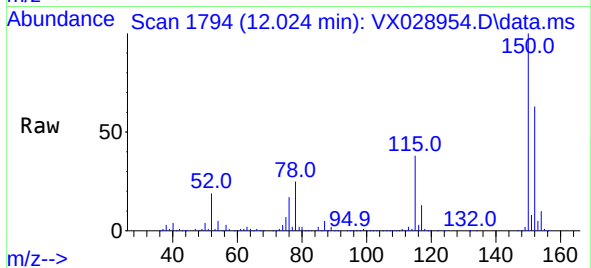
Acq: 25 May 2022 16:37

Instrument :

MSVOA_X

ClientSampleId :

74BR-20220524



Tgt Ion:152 Resp: 260738

Ion Ratio Lower Upper

152 100

115 61.9 37.5 112.7

150 157.1 0.0 338.2

