

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)

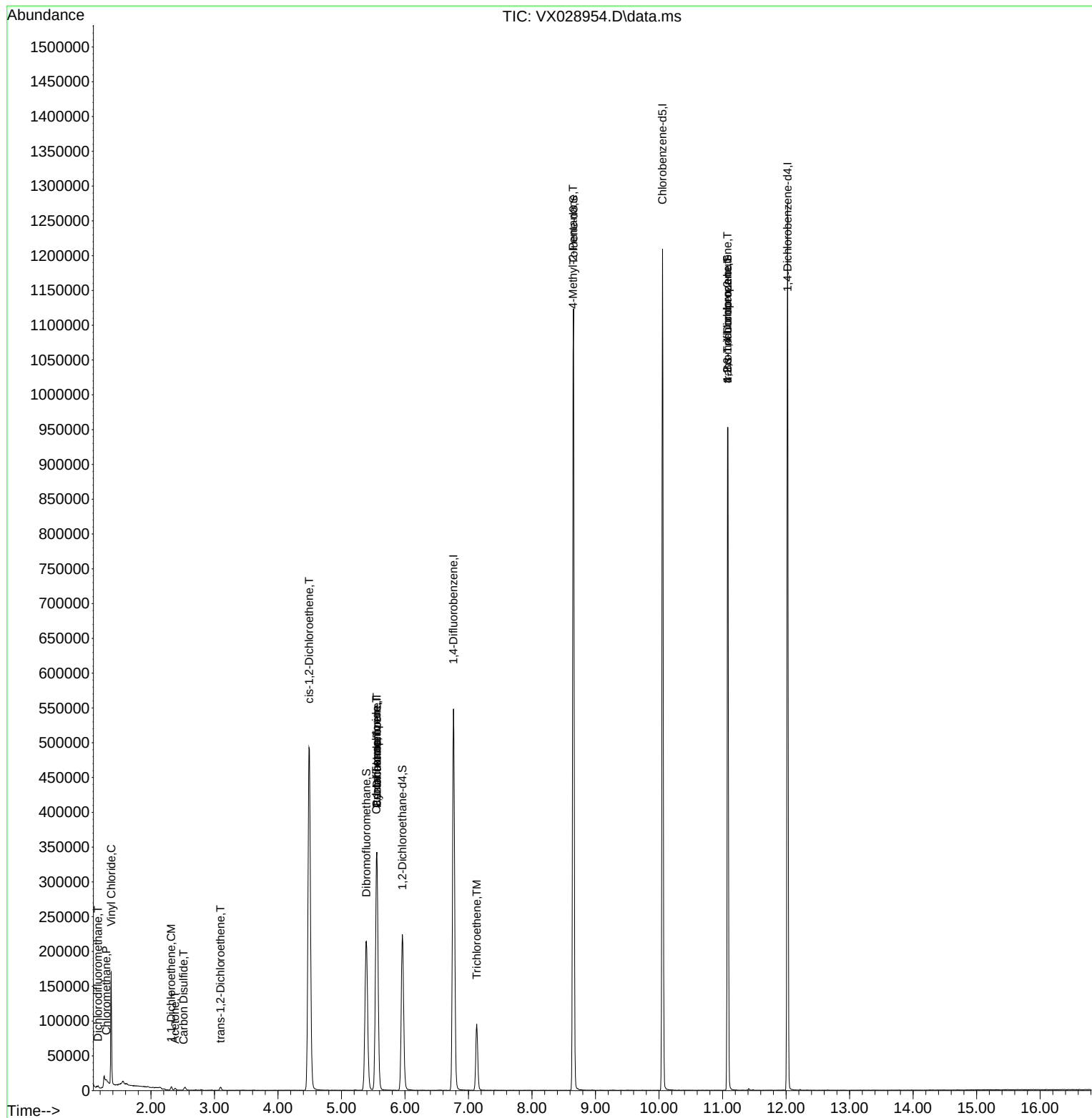
Internal Standards						
1) Pentafluorobenzene	5.556	168	321021	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	570406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	552670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
5) Bromomethane	1.617	94	863	Below Cal	#	61
6) Chloroethane	1.508	64	1353	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	124	Below Cal	#	72
12) 1,1-Dichloroethene	2.318	96	1772	0.533	ug/l	92
16) Acetone	2.379	43	2913	1.542	ug/l	97
17) Carbon Disulfide	2.514	76	1963	0.228	ug/l	# 75
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
31) Cyclohexane	5.556	56	6296	1.031	ug/l	# 5
36) 1,1-Dichloropropene	5.556	75	24956	4.446	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	33699	5.965	ug/l	# 14
44) Trichloroethene	7.129	130	37862	8.654	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	2828	0.468	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	135878	22.252	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	135878	65.116	ug/l	# 15

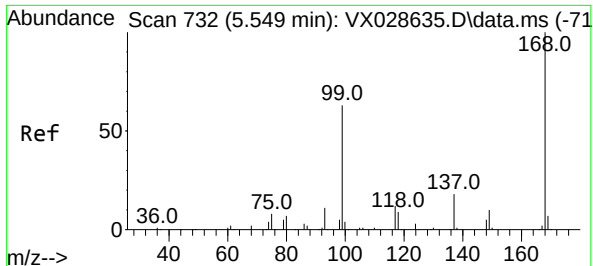
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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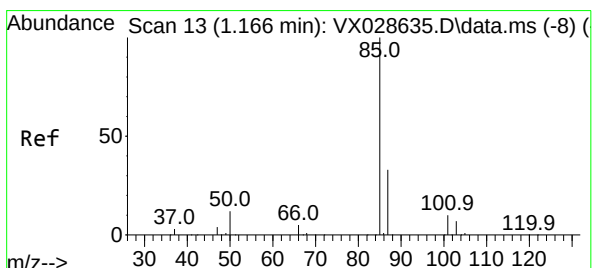
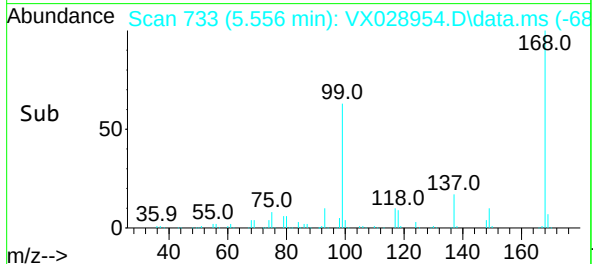
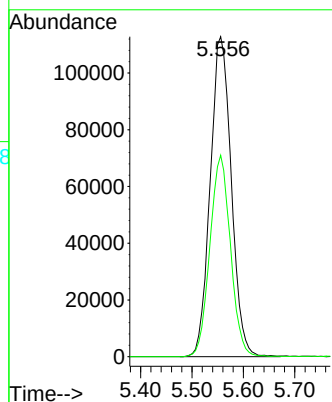
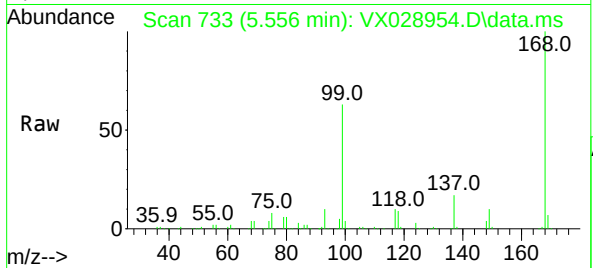




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

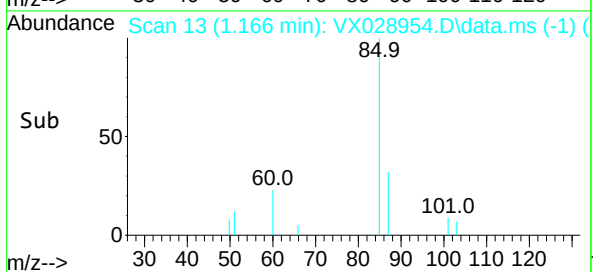
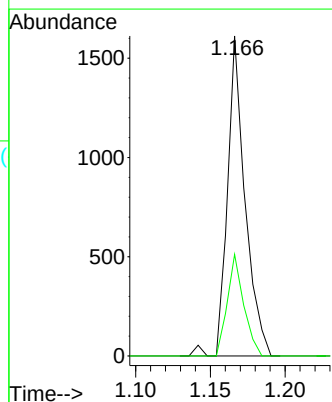
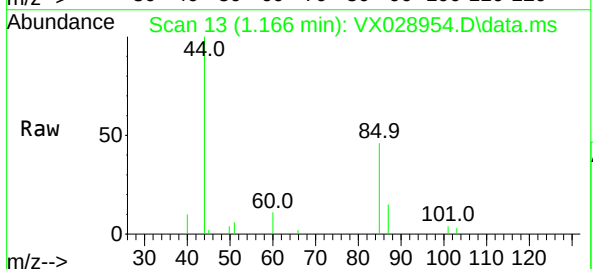
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

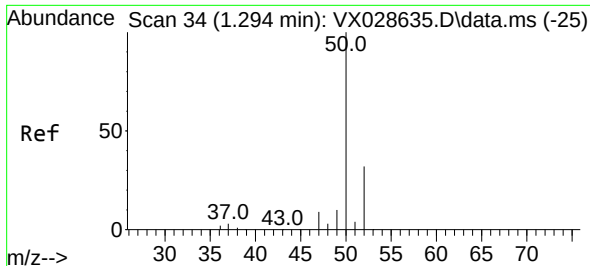
Tgt Ion:168 Resp: 321021
Ion Ratio Lower Upper
168 100
99 63.0 41.7 62.5#



#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

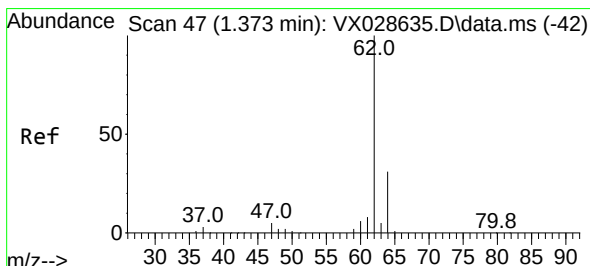
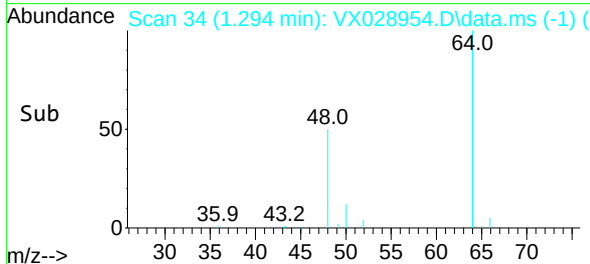
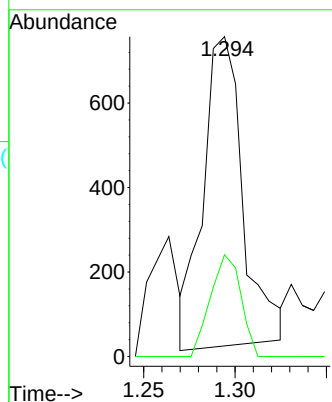
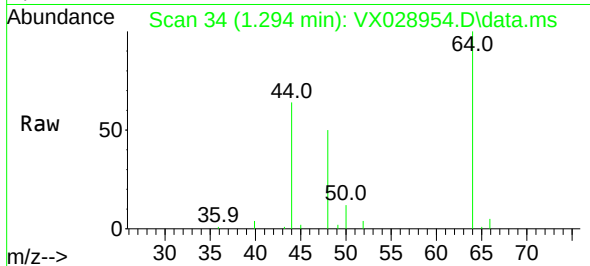




#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

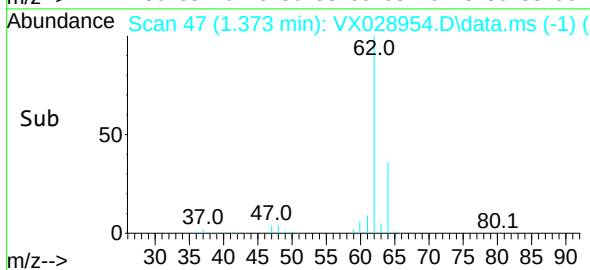
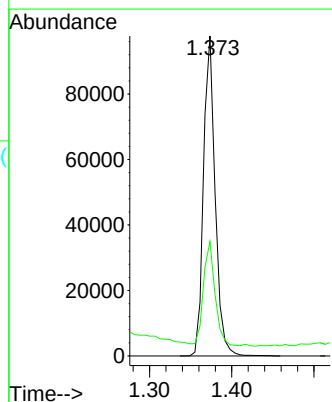
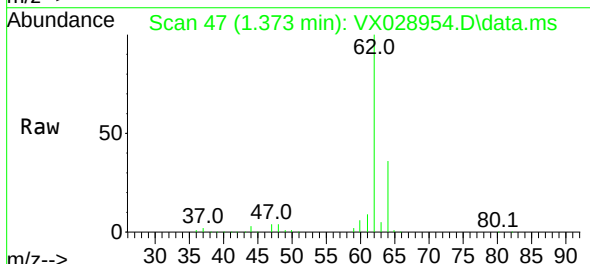
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

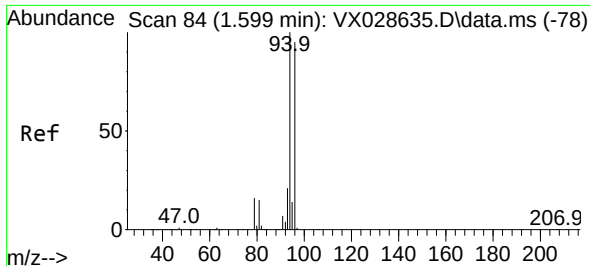
Tgt Ion: 50 Resp: 1115
Ion Ratio Lower Upper
50 100
52 37.5 26.4 39.6



#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

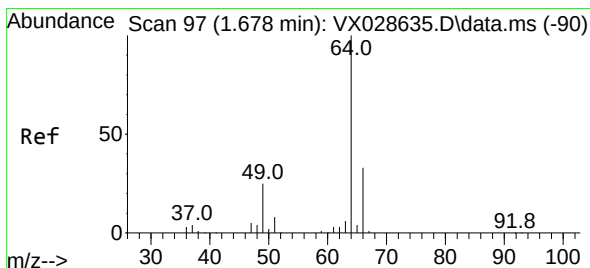
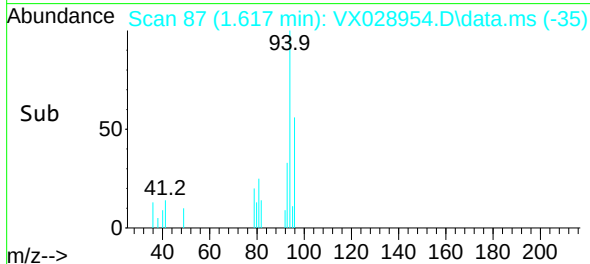
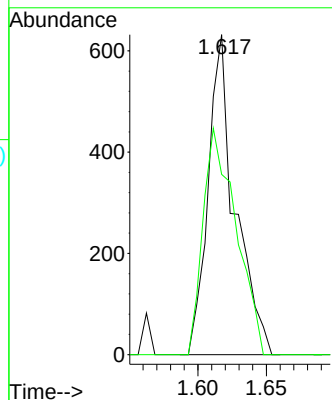
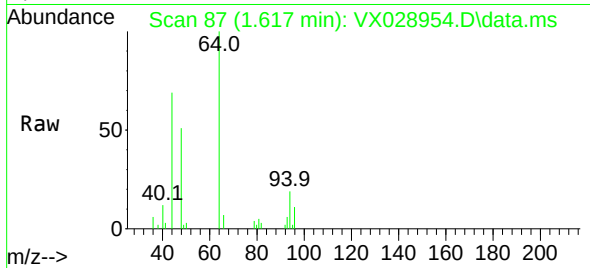




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

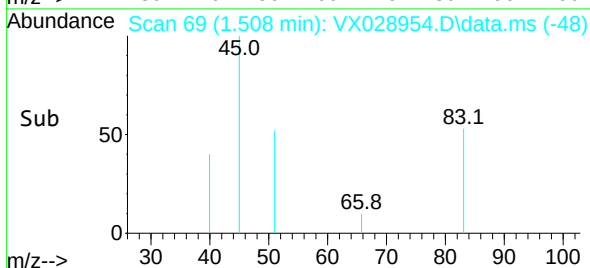
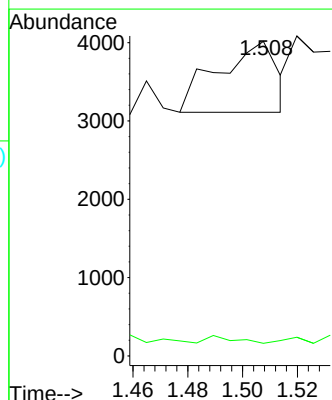
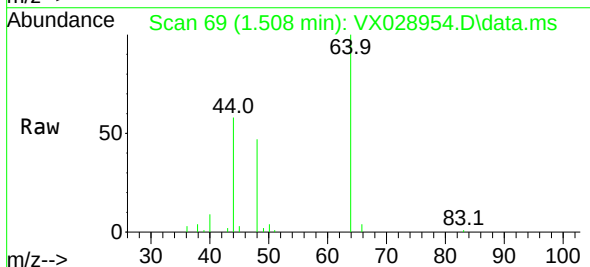
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

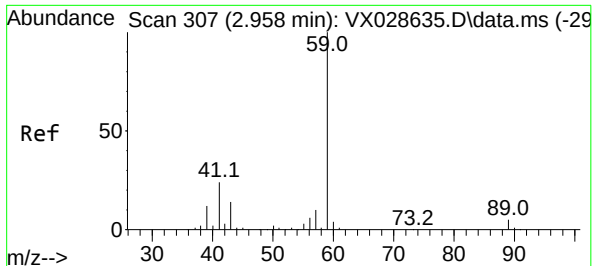
Tgt Ion: 94 Resp: 863
Ion Ratio Lower Upper
94 100
96 56.3 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.508 min Scan# 69
Delta R.T. -0.170 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 64 Resp: 1353
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028954.D

Acq: 25 May 2022 16:37

Instrument :

MSVOA_X

ClientSampleId :

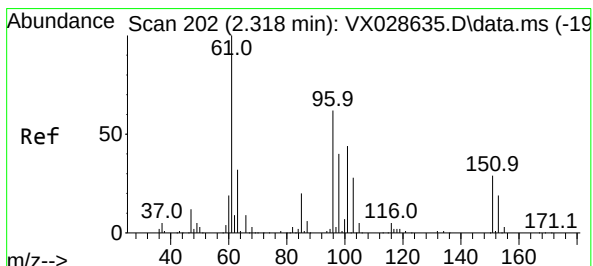
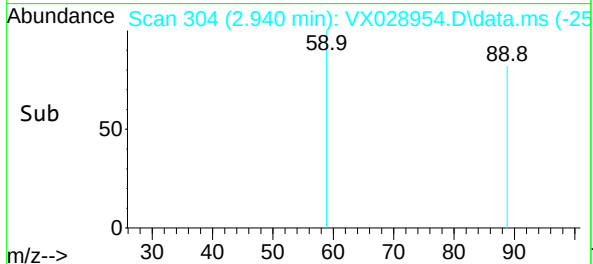
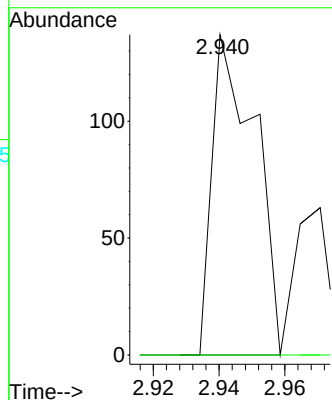
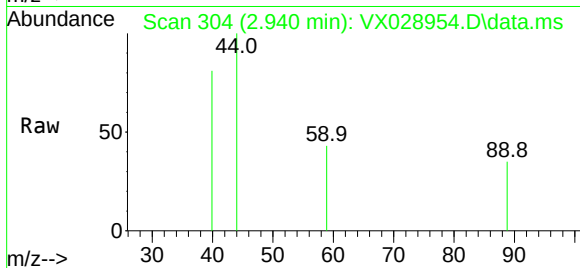
74BR-20220524

Tgt Ion: 59 Resp: 124

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.533 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX028954.D

Acq: 25 May 2022 16:37

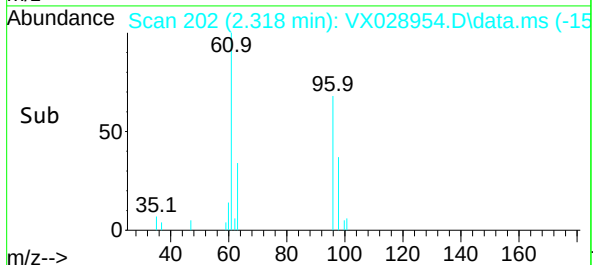
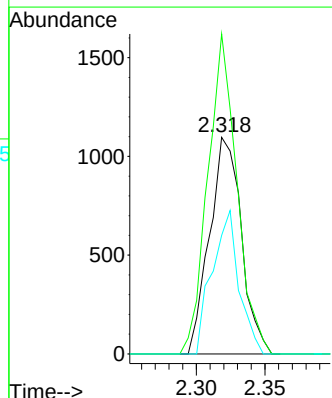
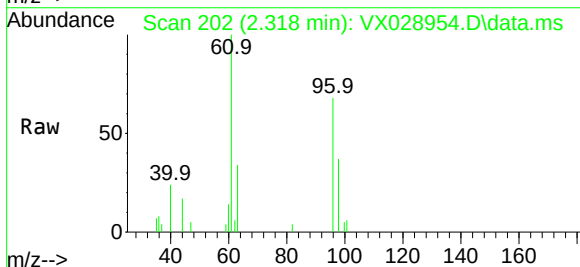
Tgt Ion: 96 Resp: 1772

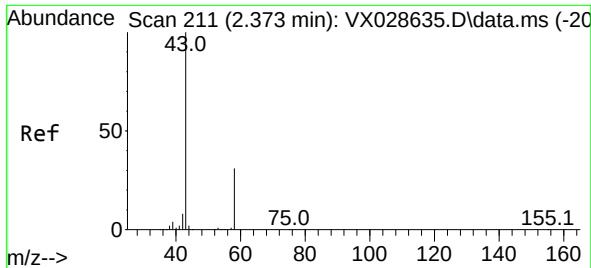
Ion Ratio Lower Upper

96 100

61 147.7 124.6 187.0

98 54.7 51.0 76.4





#16

Acetone

Concen: 1.542 ug/l

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX028954.D

Acq: 25 May 2022 16:37

Instrument :

MSVOA_X

ClientSampleId :

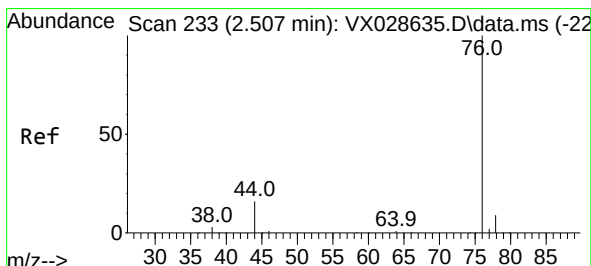
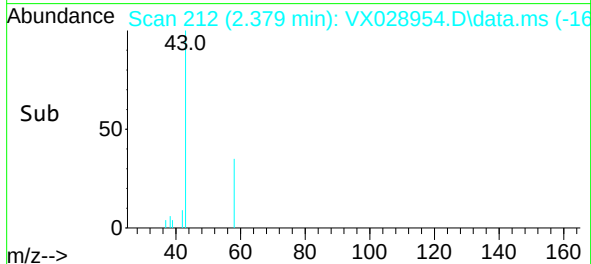
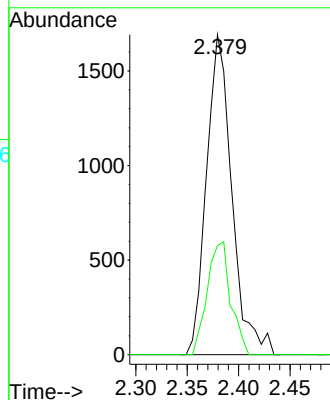
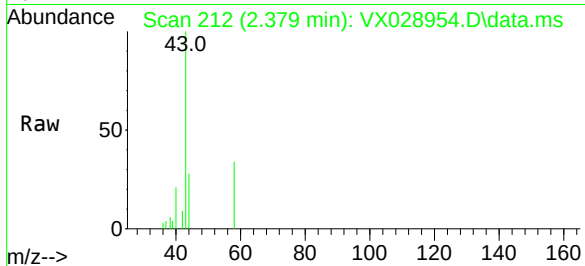
74BR-20220524

Tgt Ion: 43 Resp: 2913

Ion Ratio Lower Upper

43 100

58 34.1 28.8 43.2



#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.007 min

Lab File: VX028954.D

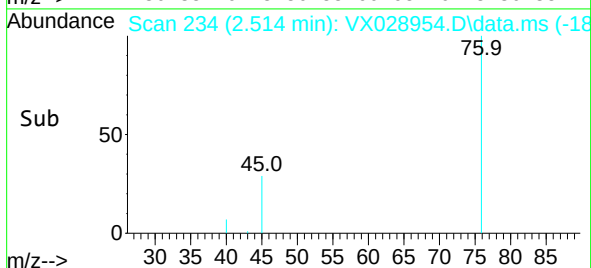
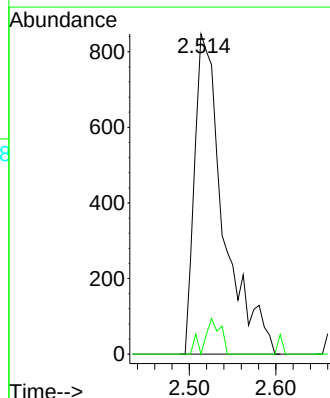
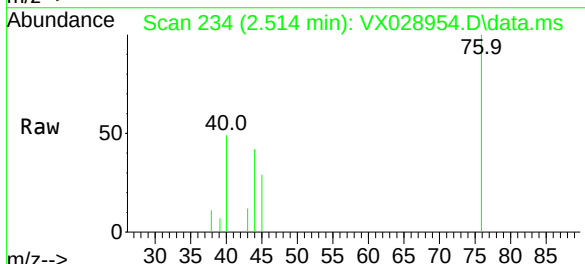
Acq: 25 May 2022 16:37

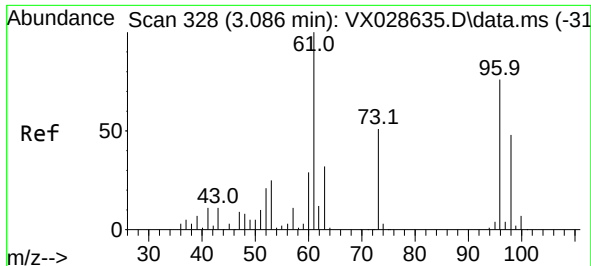
Tgt Ion: 76 Resp: 1963

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

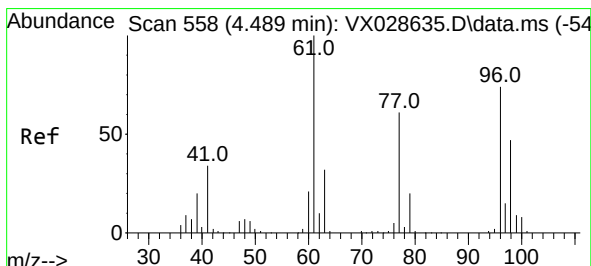
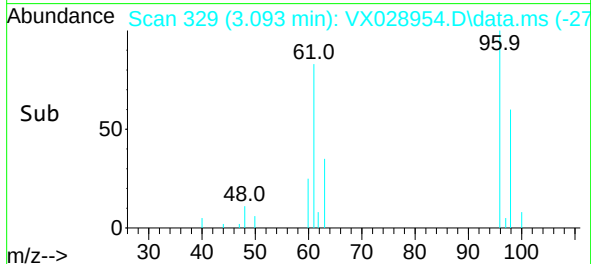
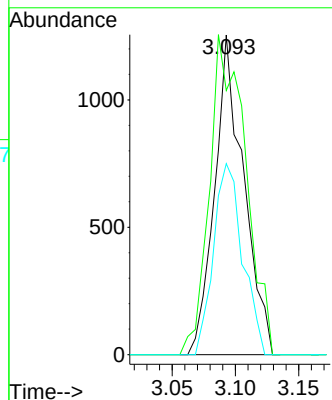
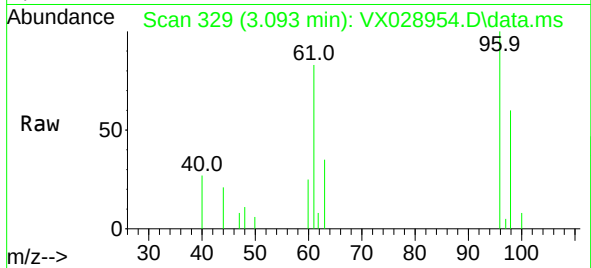




#21
trans-1,2-Dichloroethene
Concen: 0.533 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

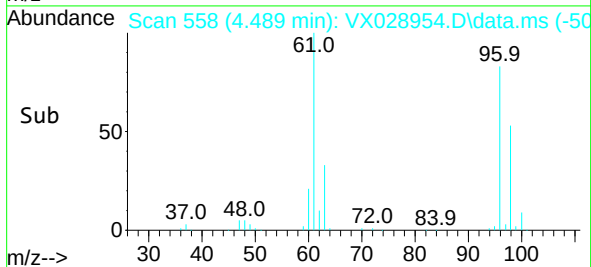
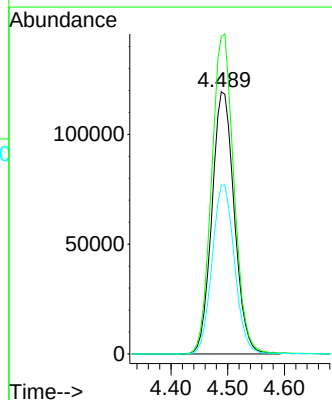
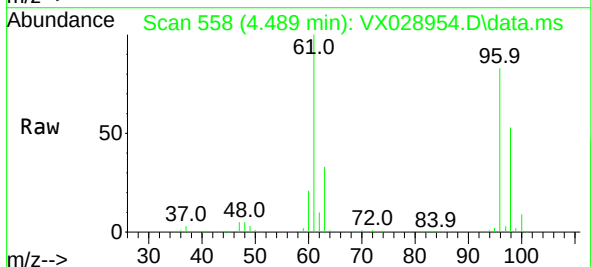
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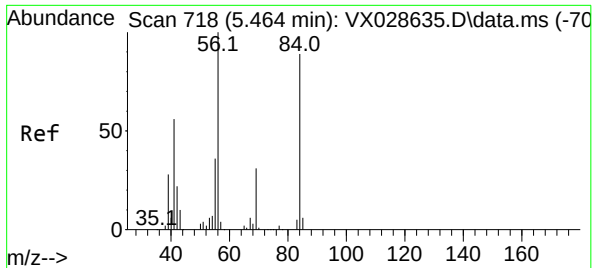
Tgt Ion: 96 Resp: 1996
Ion Ratio Lower Upper
96 100
61 82.6 105.4 158.2#
98 59.8 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 74.855 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

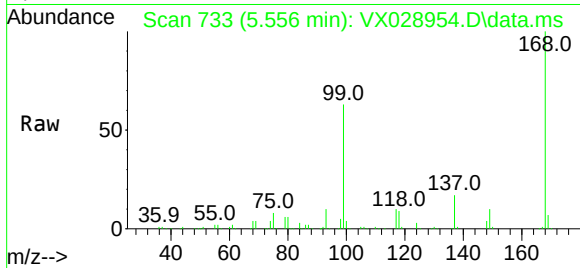
Tgt Ion: 96 Resp: 327181
Ion Ratio Lower Upper
96 100
61 122.2 0.0 283.8
98 64.5 0.0 129.8



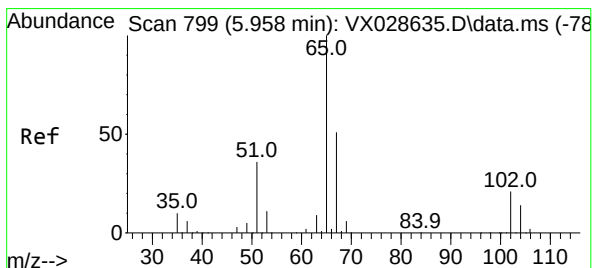
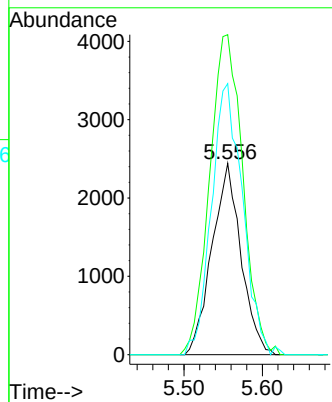
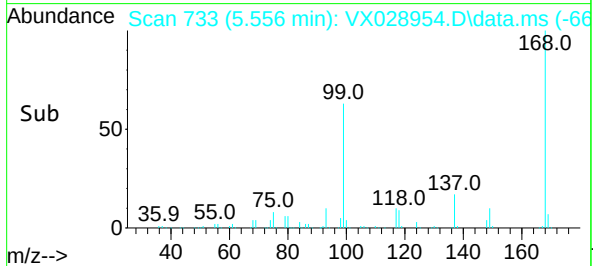


#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

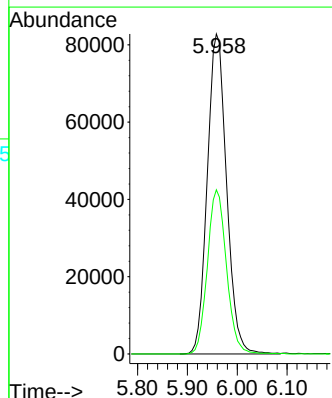
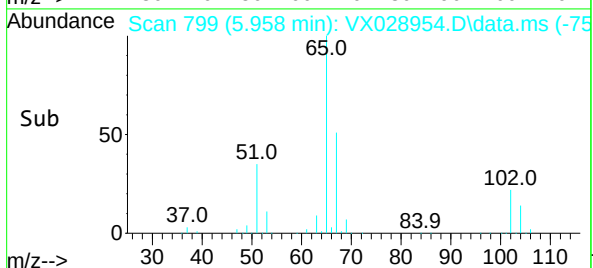
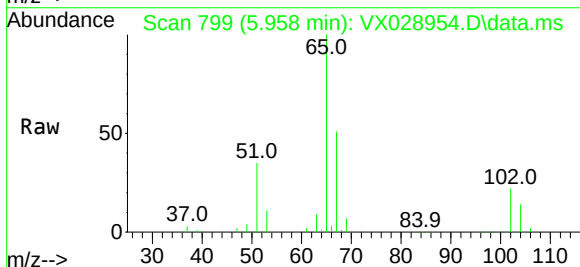


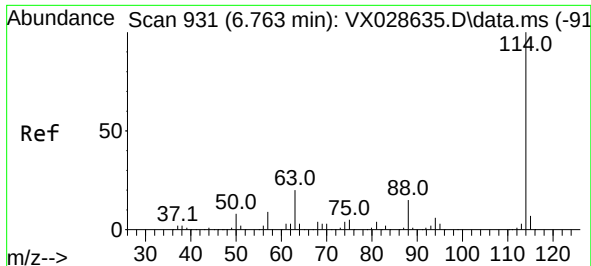
Tgt Ion: 56 Resp: 6296
Ion Ratio Lower Upper
56 100
69 167.3 26.7 40.1#
84 141.7 77.2 115.8#



#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

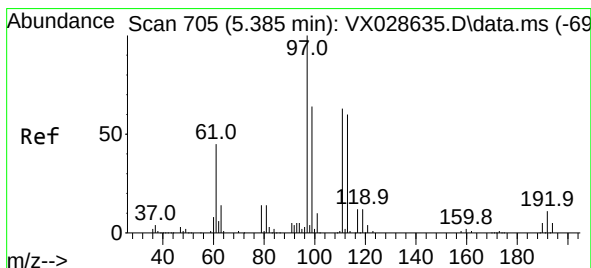
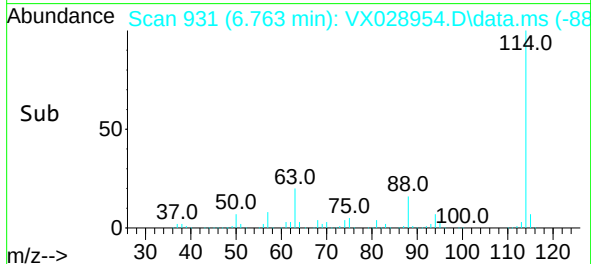
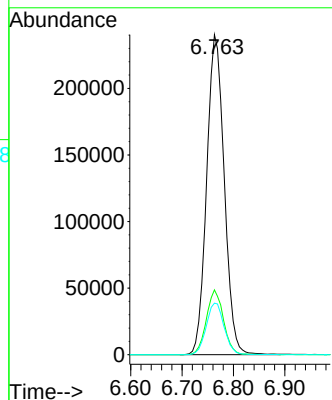
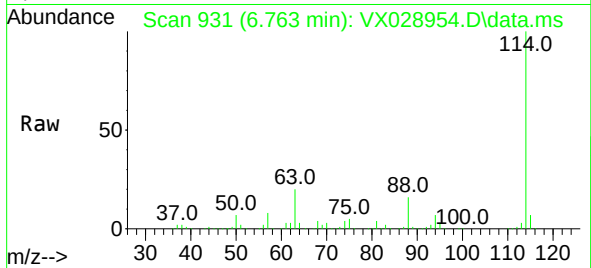




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

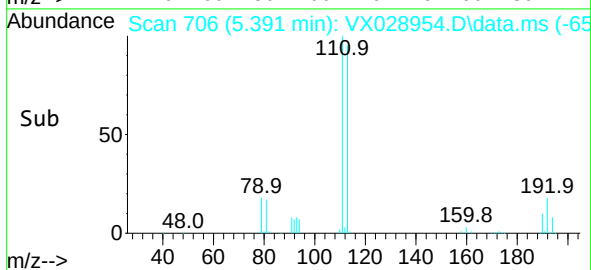
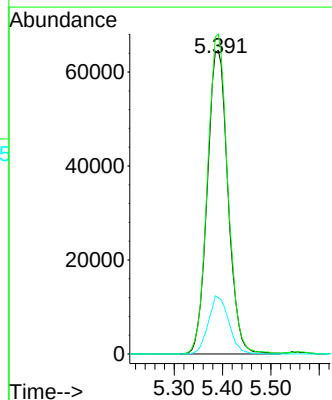
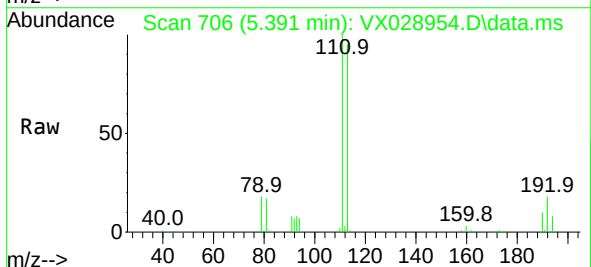
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

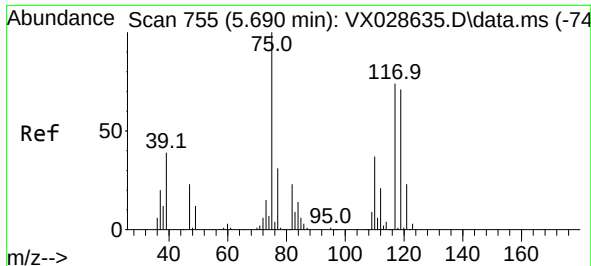
Tgt Ion:114 Resp: 570406
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.1 0.0 32.4



#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

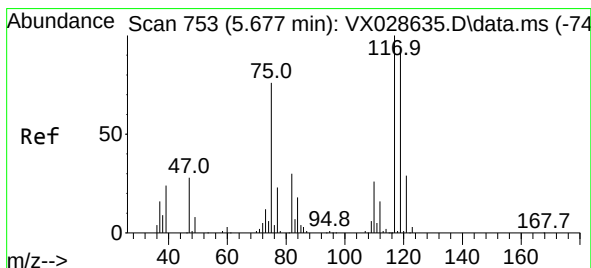
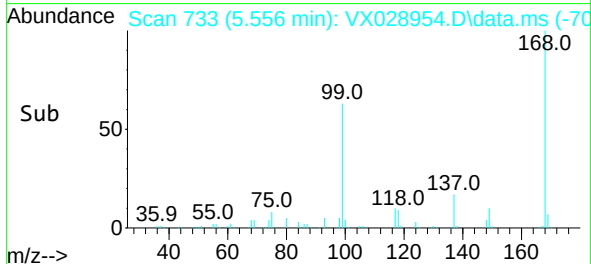
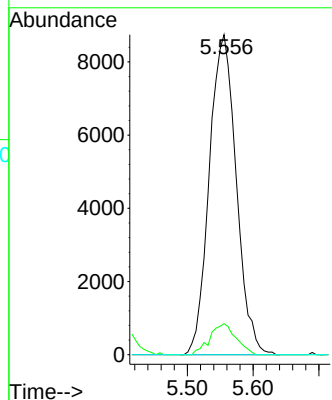
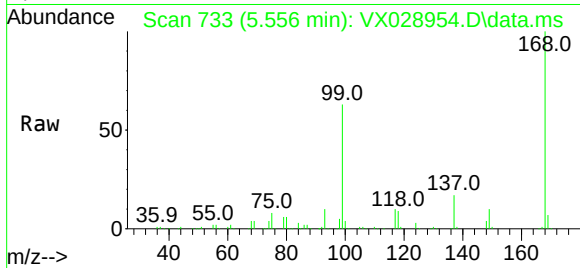




#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

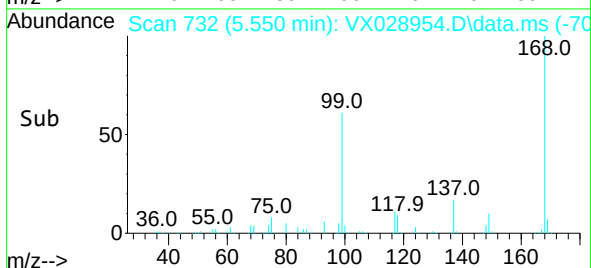
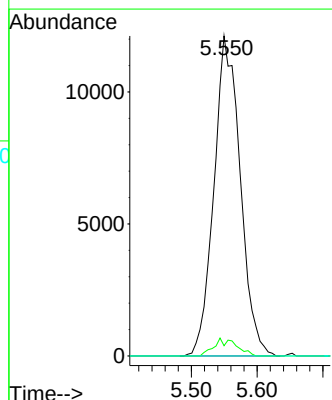
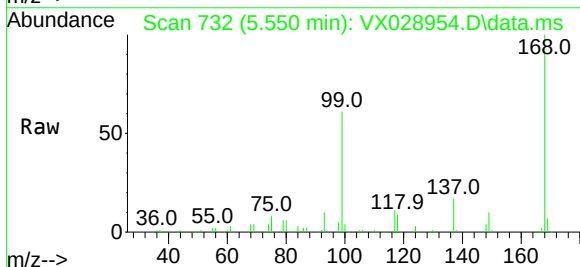
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

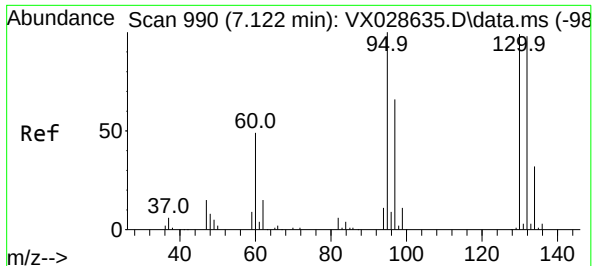
Tgt Ion: 75 Resp: 24956
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.965 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 117 Resp: 33699
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.2 36.2#

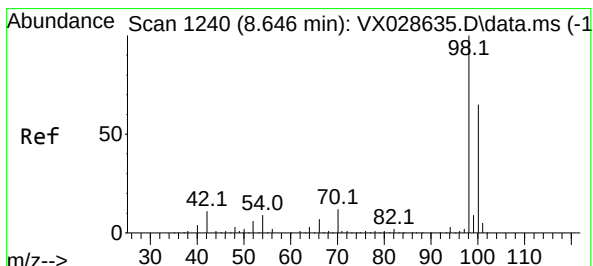
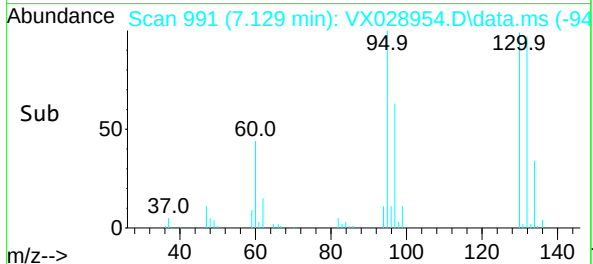
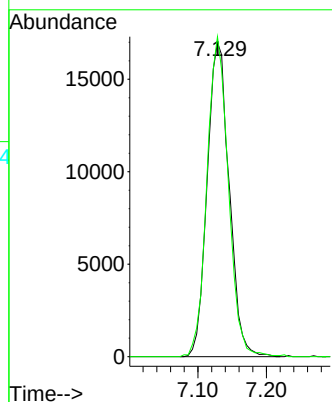
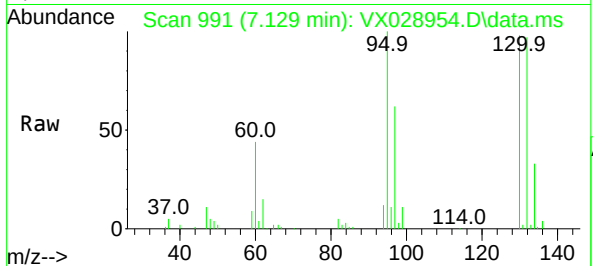




#44
Trichloroethene
Concen: 8.654 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

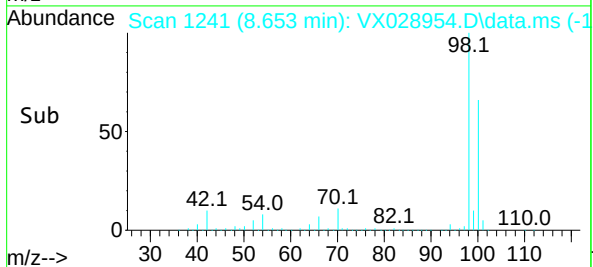
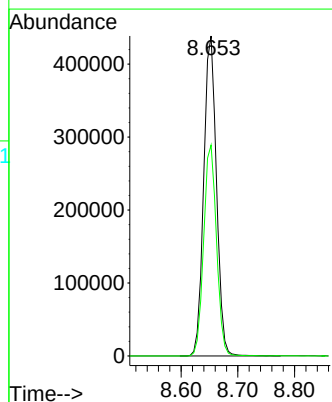
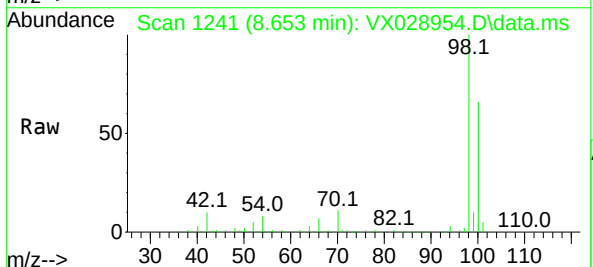
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

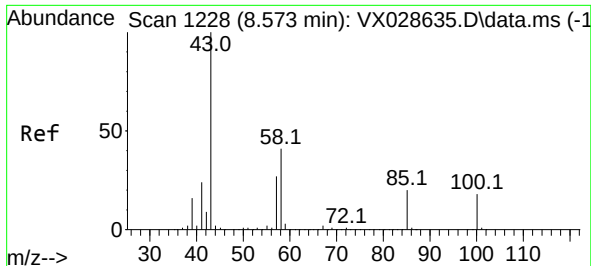
Tgt Ion:130 Resp: 37862
Ion Ratio Lower Upper
130 100
95 101.8 0.0 188.8



#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

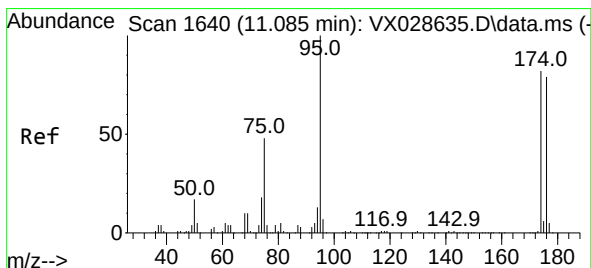
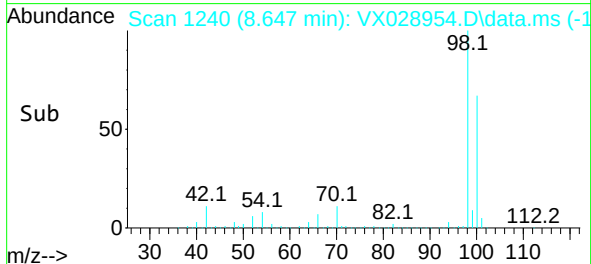
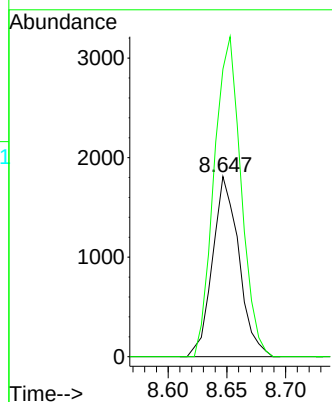
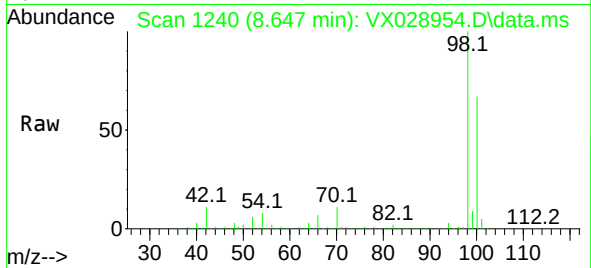




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

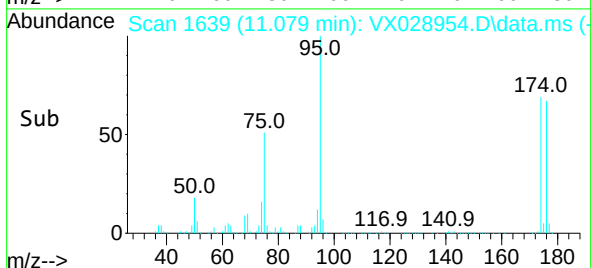
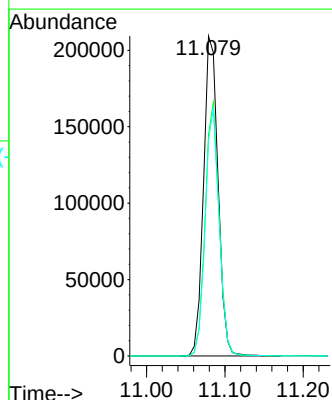
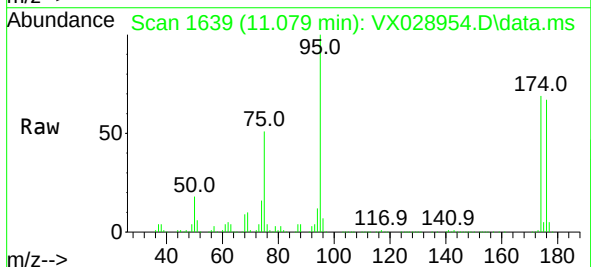
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

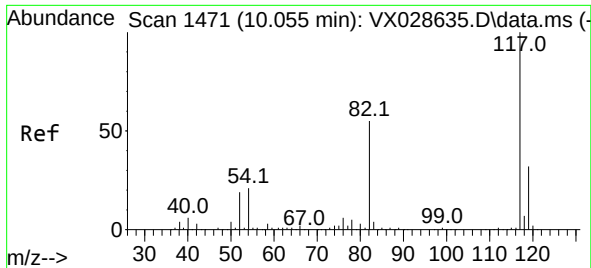
Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
58 181.3 36.1 54.1#



#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

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

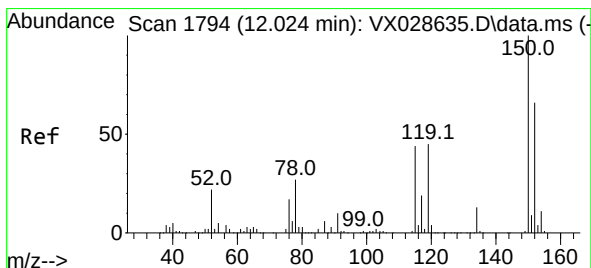
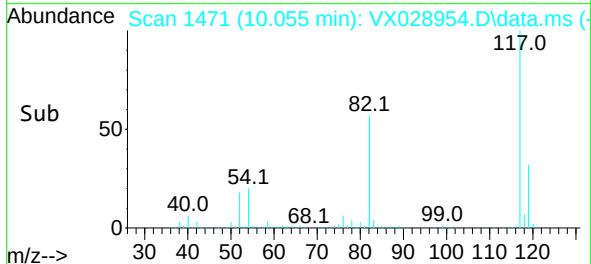
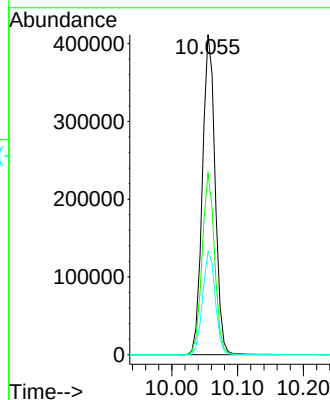
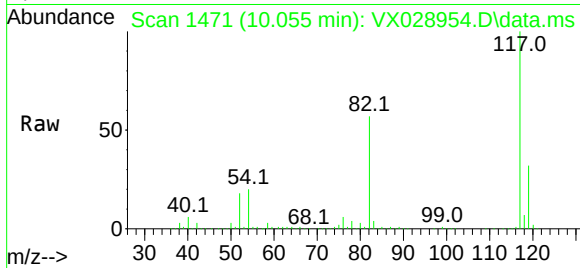




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

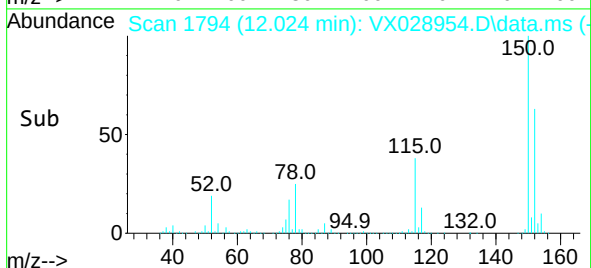
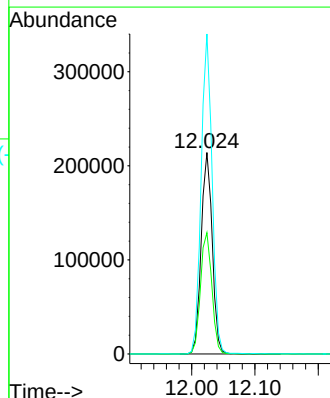
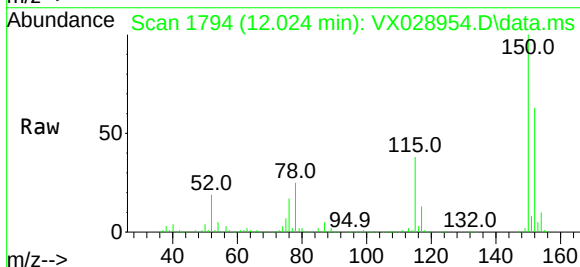
Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

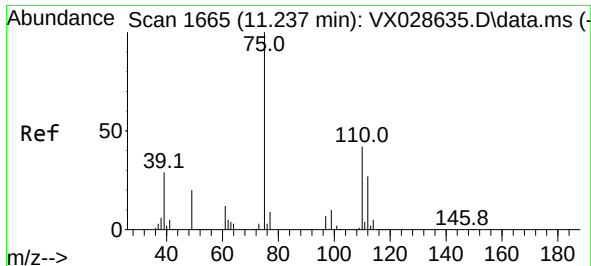
Tgt Ion:117 Resp: 552670
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

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

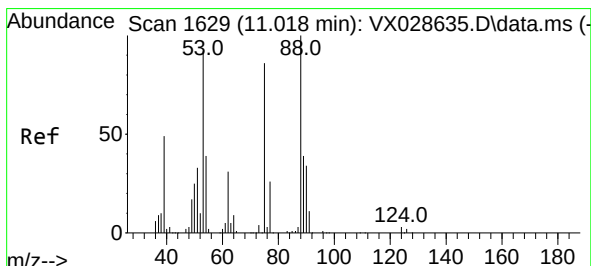
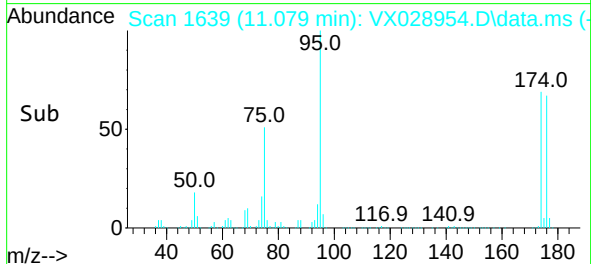
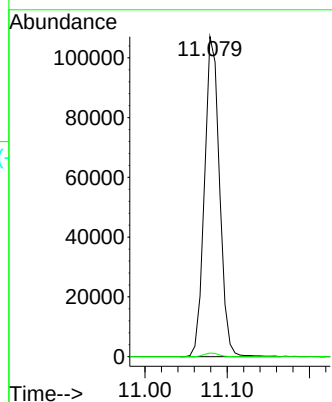
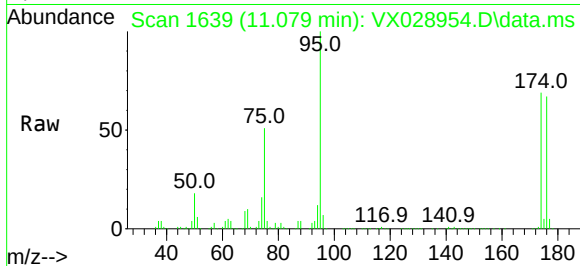




#76
1,2,3-Trichloropropane
Concen: 22.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Instrument :
MSVOA_X
ClientSampleId :
74BR-20220524

Tgt Ion: 75 Resp: 135878
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.116 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028954.D
Acq: 25 May 2022 16:37

Tgt Ion: 75 Resp: 135878
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

