

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028837.D
 Acq On : 19 May 2022 19:49
 Operator : JC/MD
 Sample : N2943-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Quant Time: May 20 01:50:50 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)

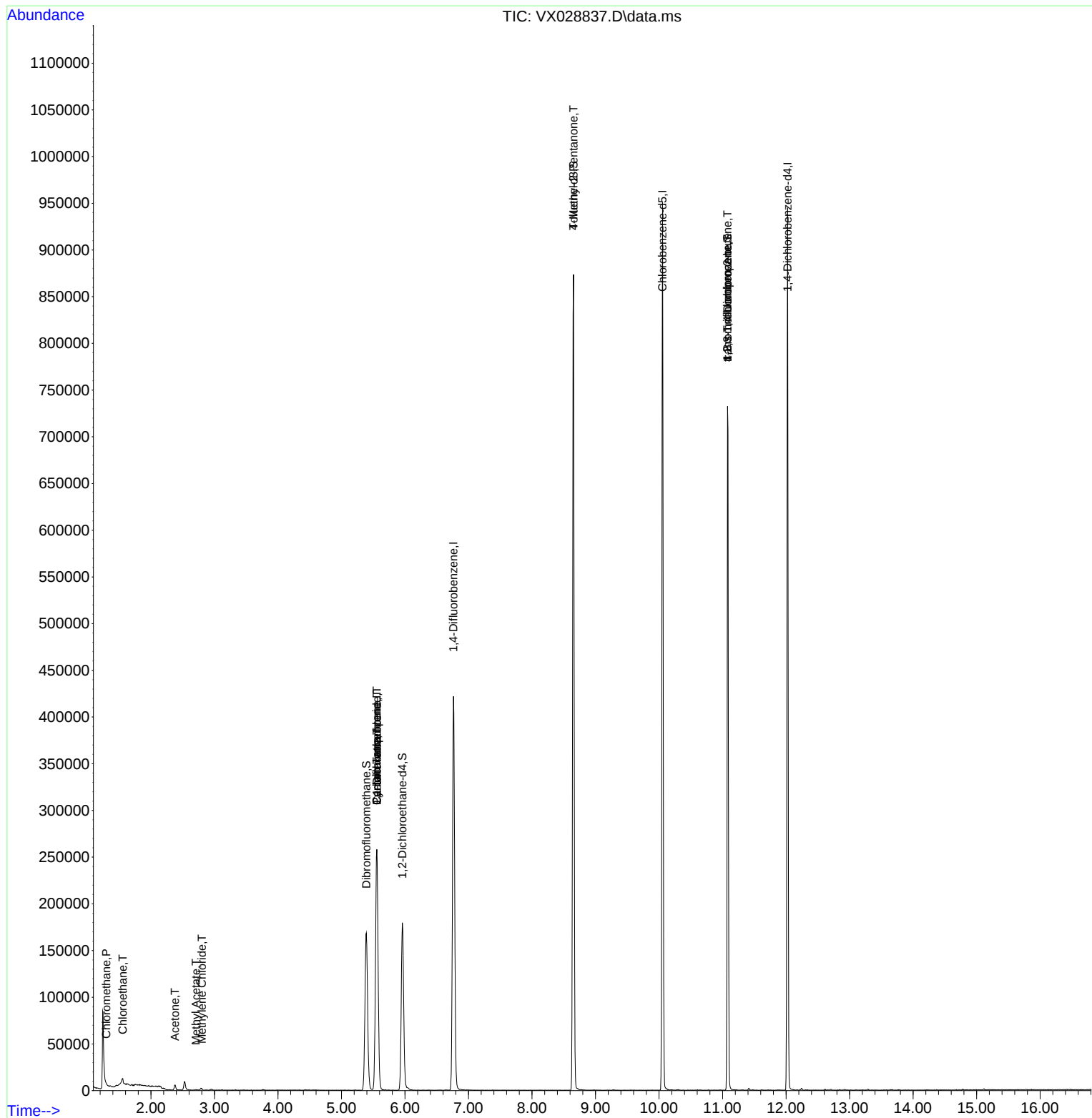
Internal Standards						
1) Pentafluorobenzene	5.556	168	238093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171196	52.455	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.900%	
35) Dibromofluoromethane	5.391	113	146705	51.692	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.380%	
50) Toluene-d8	8.653	98	515709	48.197	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	11.079	95	191711	47.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	605	0.206	ug/l #	88
5) Bromomethane	1.618	94	367	Below Cal		90
6) Chloroethane	1.557	64	9309	2.583	ug/l #	43
11) Tert butyl alcohol	2.953	59	688	Below Cal	#	72
16) Acetone	2.380	43	5973	4.264	ug/l #	83
18) Methyl Acetate	2.709	43	897	0.256	ug/l #	77
20) Methylene Chloride	2.800	84	865	0.294	ug/l #	84
31) Cyclohexane	5.556	56	5433	1.199	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	19386	4.548	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25866	6.030	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2175	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	102551	23.640	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	102551	68.934	ug/l #	15

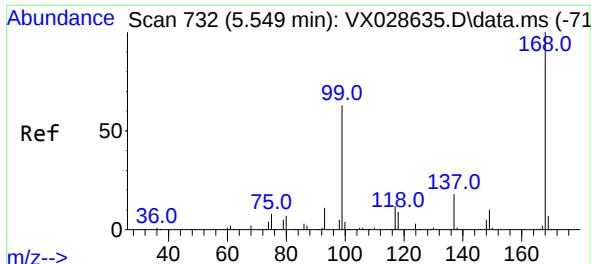
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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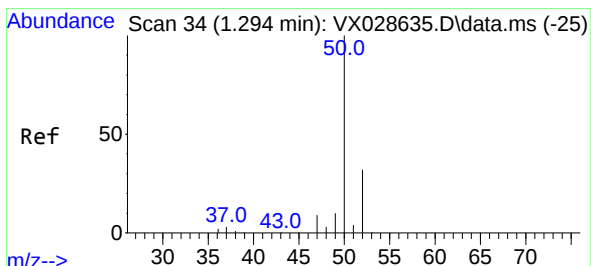
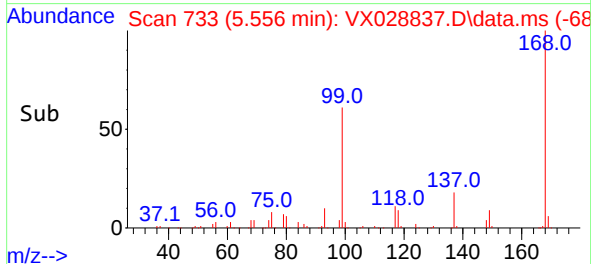
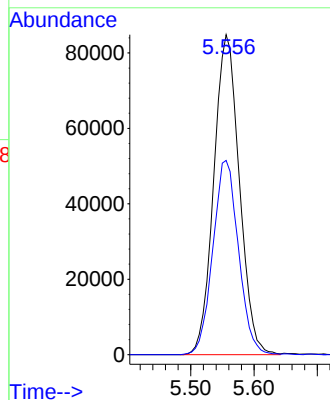
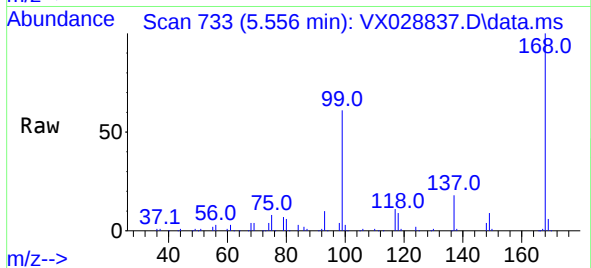




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

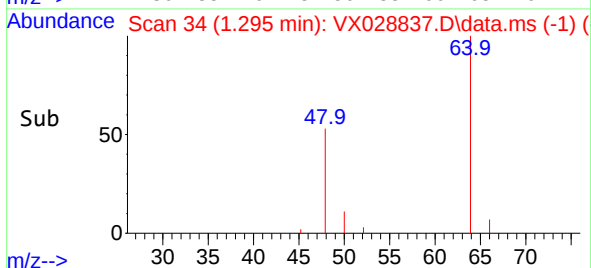
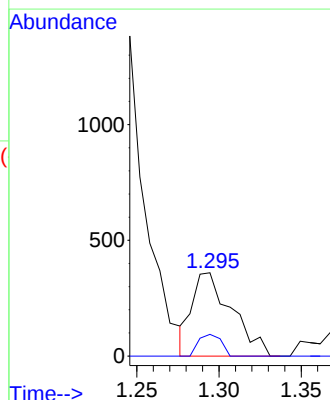
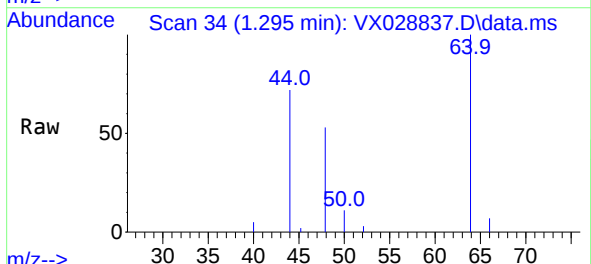
Instrument :
MSVOA_X
ClientSampleId :
MW-36

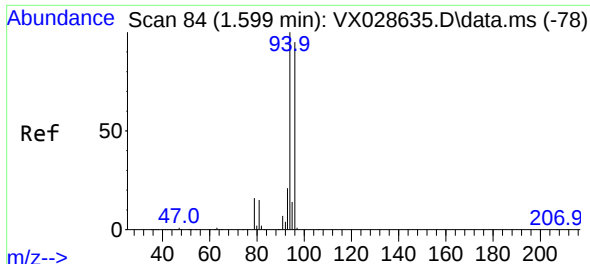
Tgt Ion:168 Resp: 238093
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion: 50 Resp: 605
Ion Ratio Lower Upper
50 100
52 26.1 26.4 39.6#

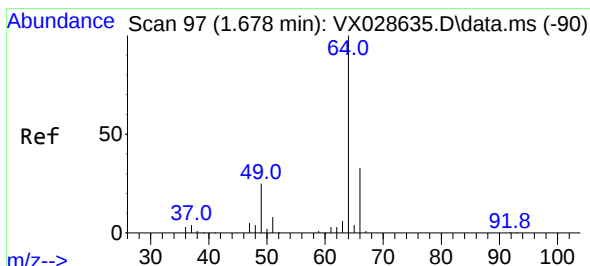
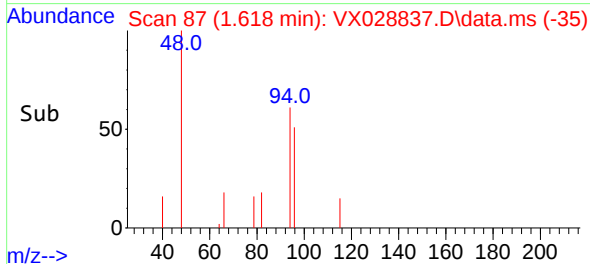
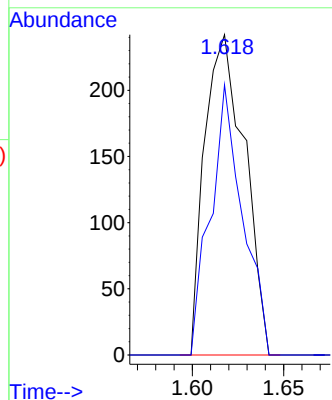
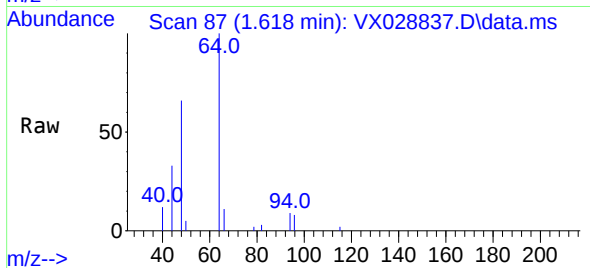




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

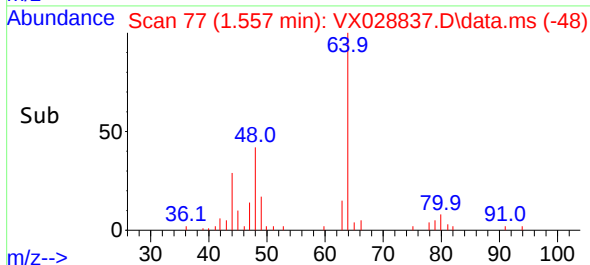
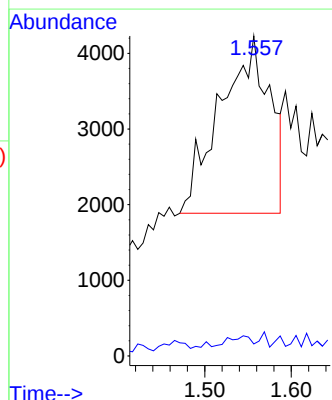
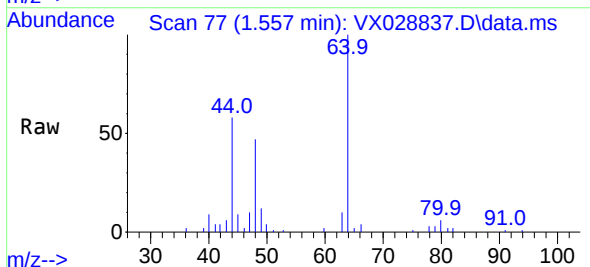
Instrument :
MSVOA_X
ClientSampleId :
MW-36

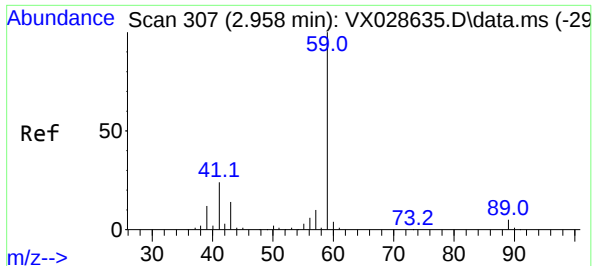
Tgt Ion: 94 Resp: 367
Ion Ratio Lower Upper
94 100
96 84.3 75.3 112.9



#6
Chloroethane
Concen: 2.583 ug/l
RT: 1.557 min Scan# 77
Delta R.T. -0.121 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion: 64 Resp: 9309
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.005 min

Lab File: VX028837.D

Acq: 19 May 2022 19:49

Instrument :

MSVOA_X

ClientSampleId :

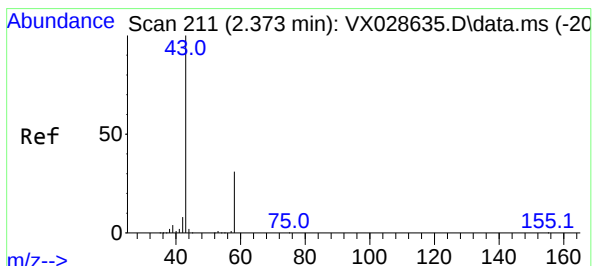
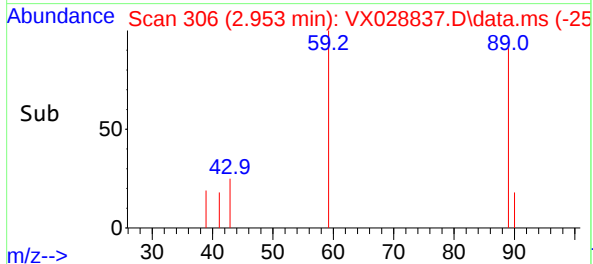
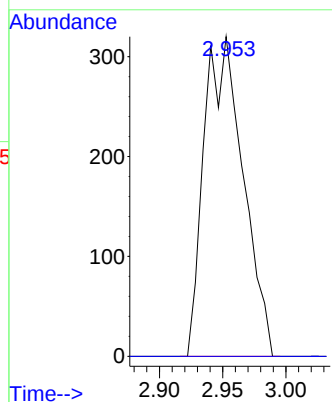
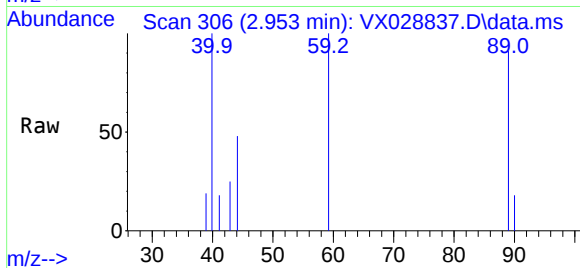
MW-36

Tgt Ion: 59 Resp: 688

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 4.264 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028837.D

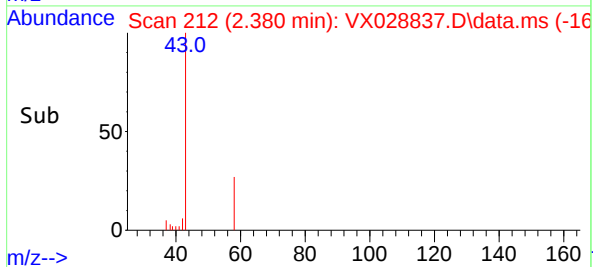
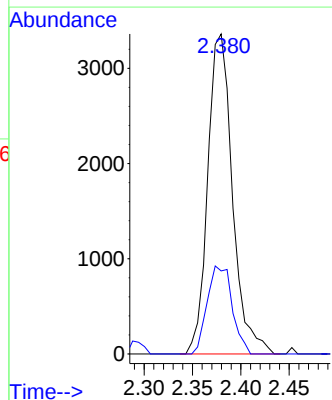
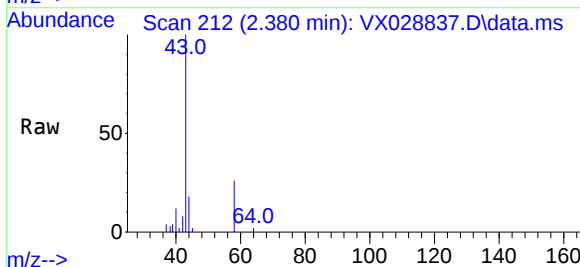
Acq: 19 May 2022 19:49

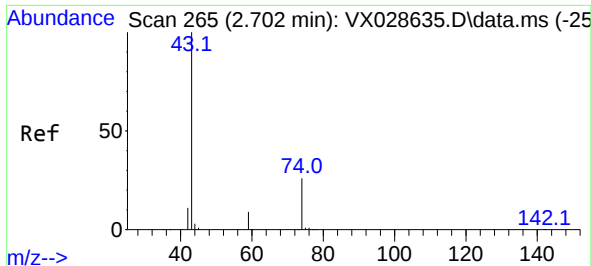
Tgt Ion: 43 Resp: 5973

Ion Ratio Lower Upper

43 100

58 25.9 28.8 43.2#

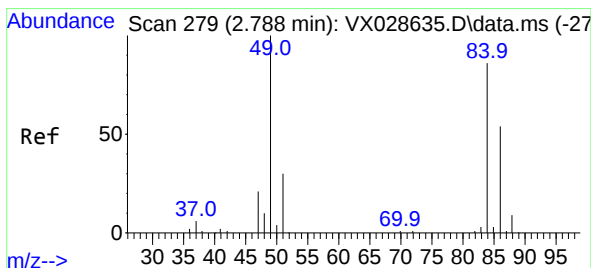
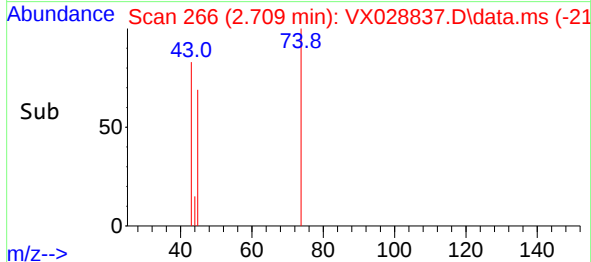
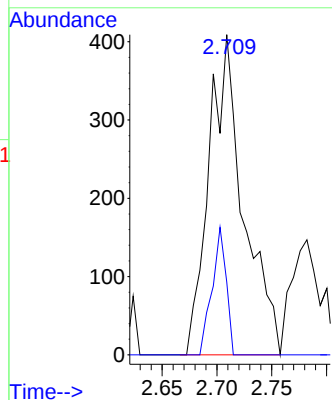
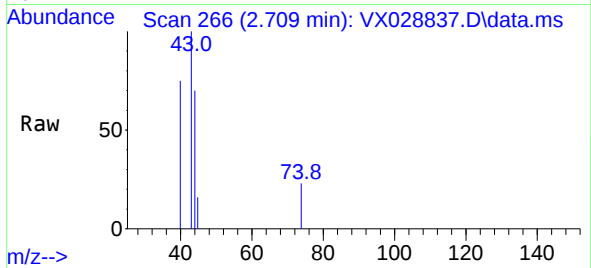




#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

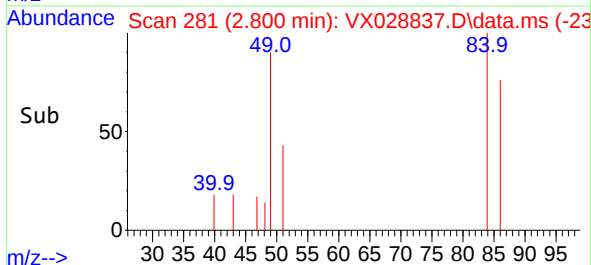
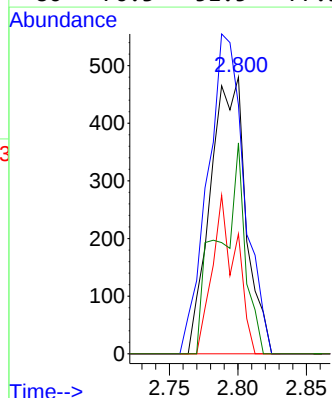
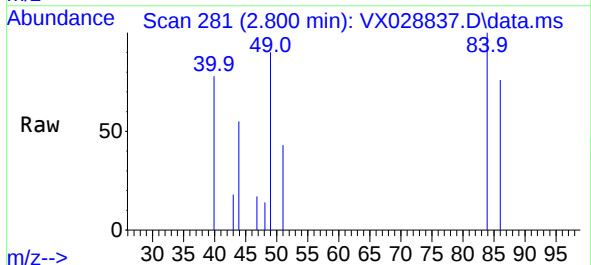
Instrument :
MSVOA_X
ClientSampleId :
MW-36

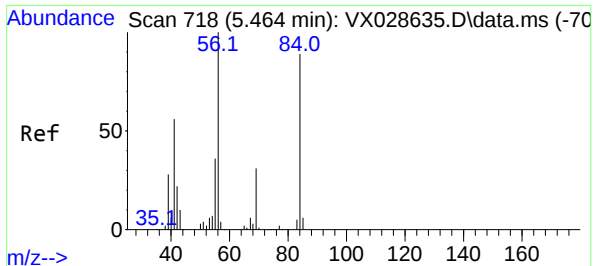
Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
74 16.3 22.8 34.2#



#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion: 84 Resp: 865
Ion Ratio Lower Upper
84 100
49 90.0 85.5 128.3
51 43.3 26.6 39.8#
86 76.3 51.5 77.3

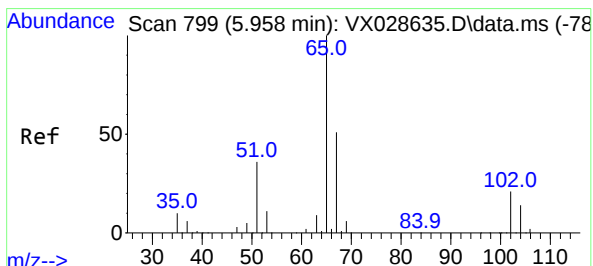
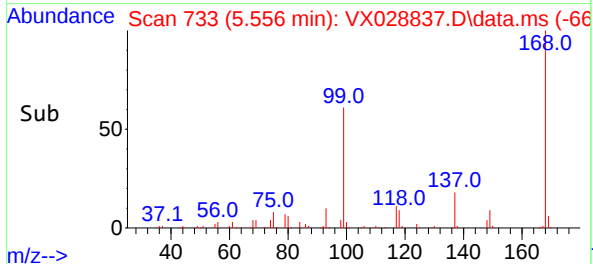
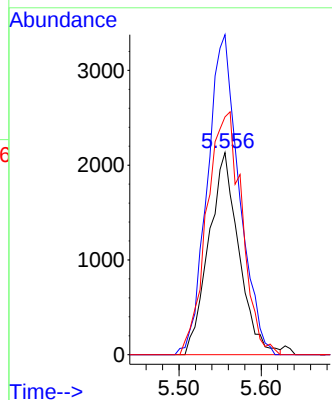
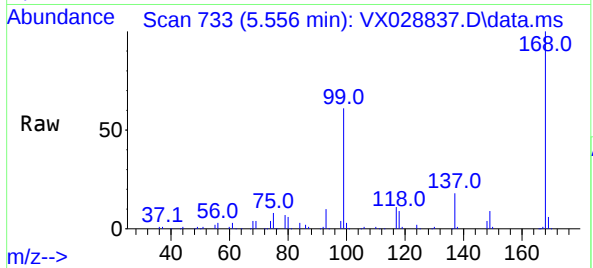




#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

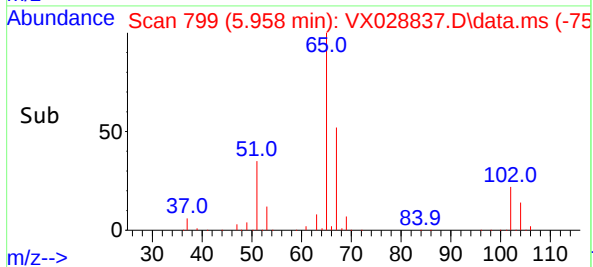
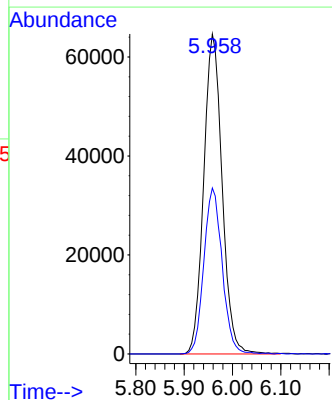
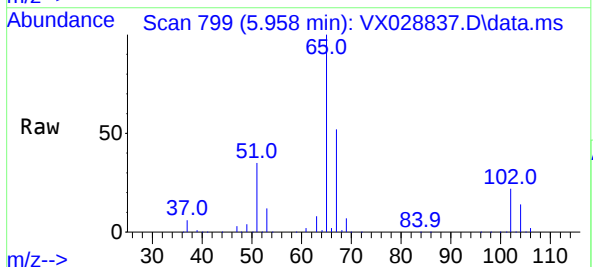
Instrument :
MSVOA_X
ClientSampleId :
MW-36

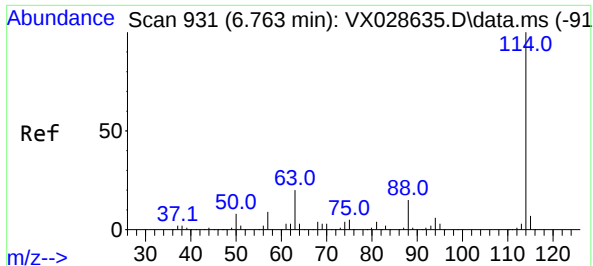
Tgt Ion: 56 Resp: 5433
Ion Ratio Lower Upper
56 100
69 158.4 26.7 40.1#
84 117.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.455 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion: 65 Resp: 171196
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

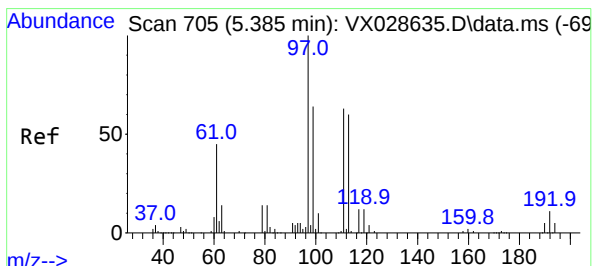
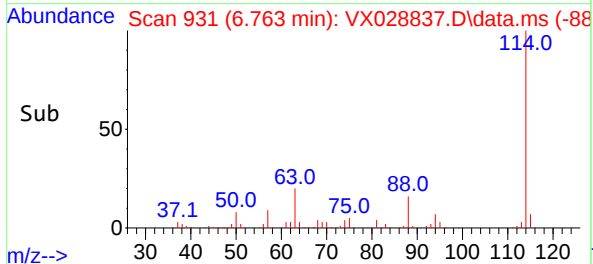
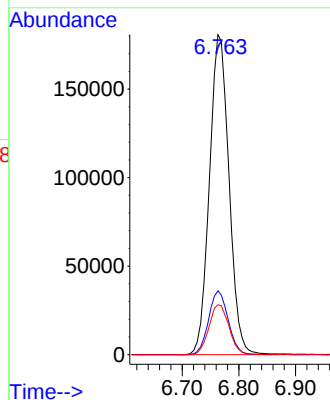
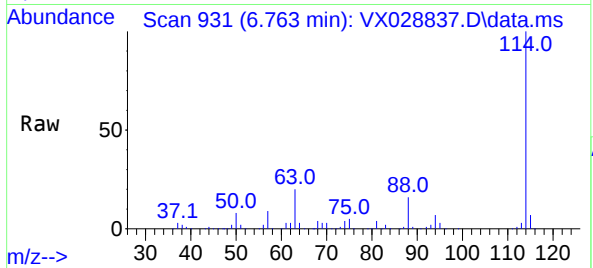




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

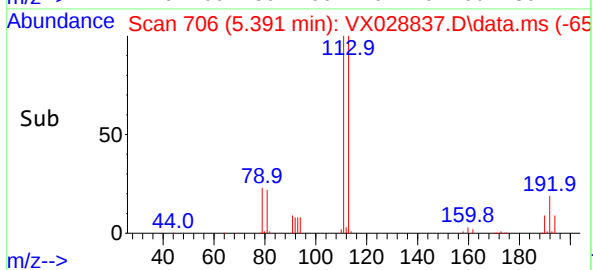
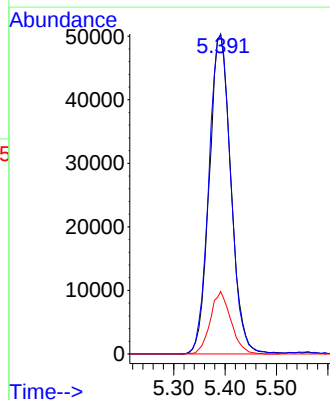
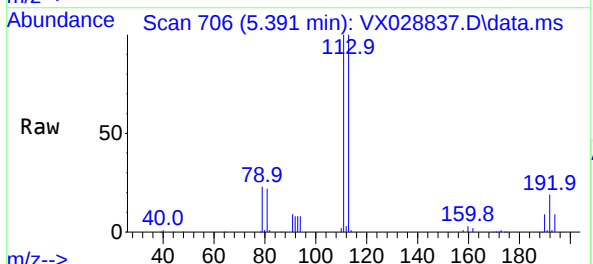
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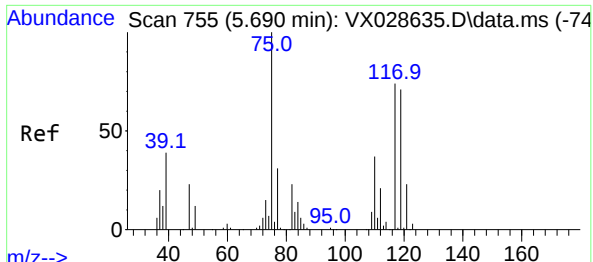
Tgt Ion:114 Resp: 433168
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.692 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion:113 Resp: 146705
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.7 16.9 25.3

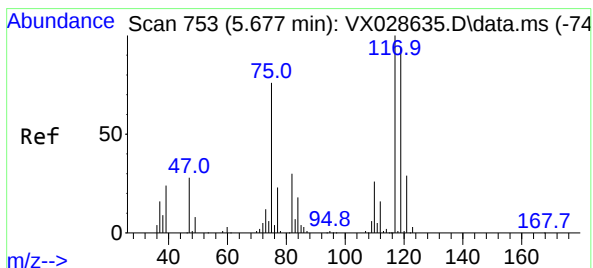
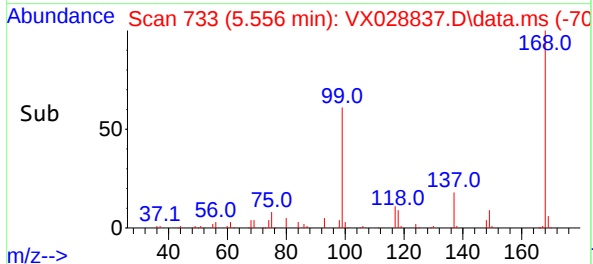
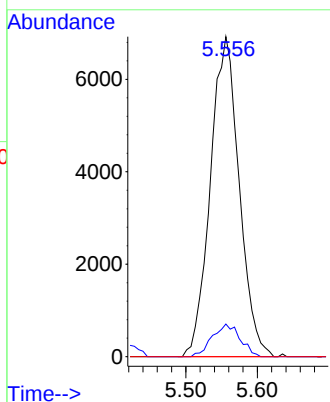
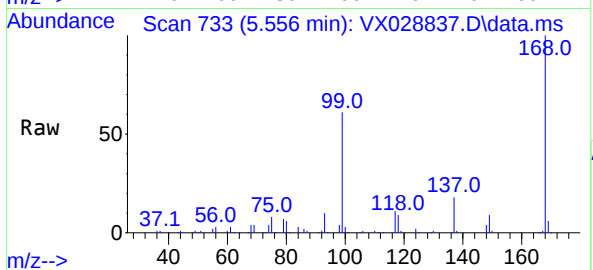




#36
1,1-Dichloropropene
Concen: 4.548 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

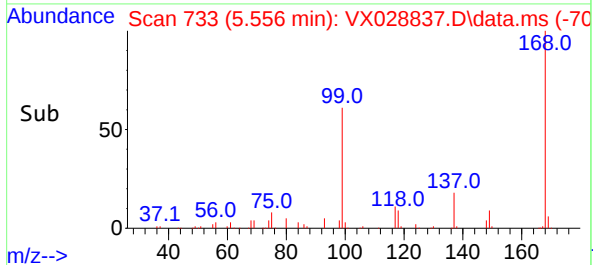
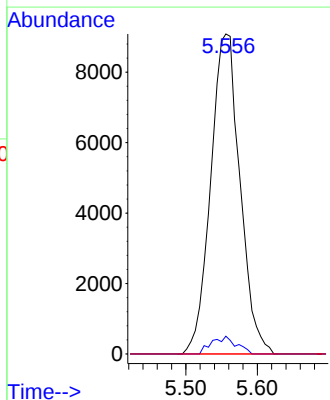
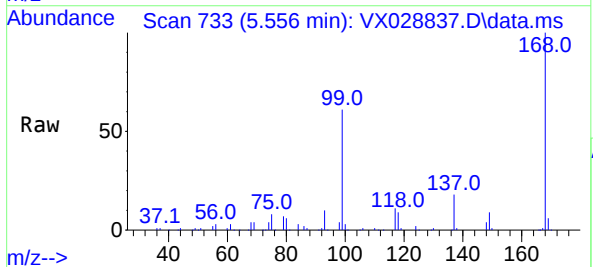
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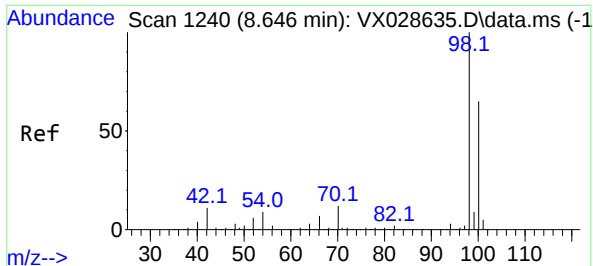
Tgt Ion: 75 Resp: 19386
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion: 117 Resp: 25866
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#

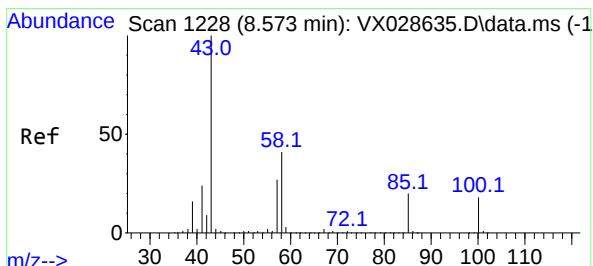
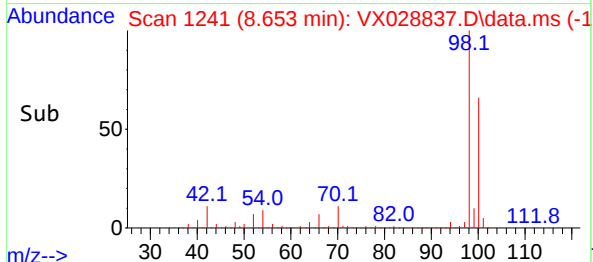
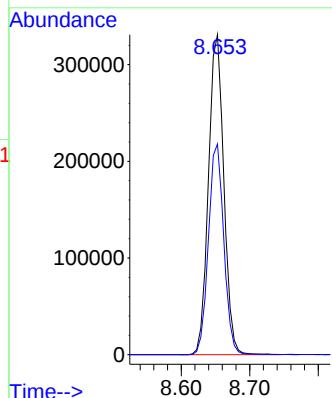
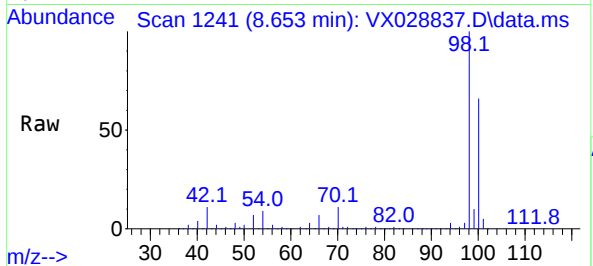




#50
Toluene-d8
Concen: 48.197 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

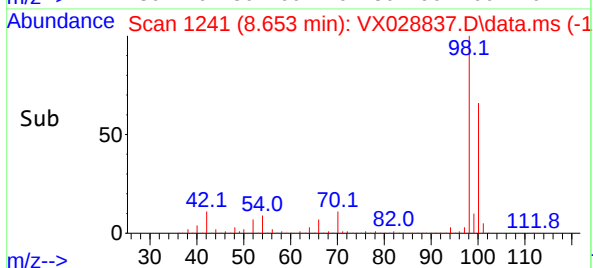
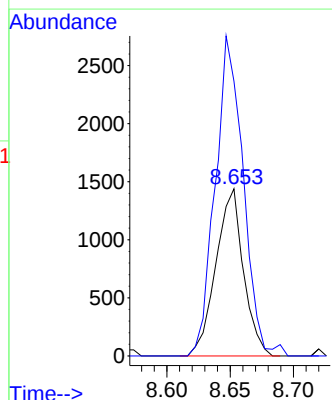
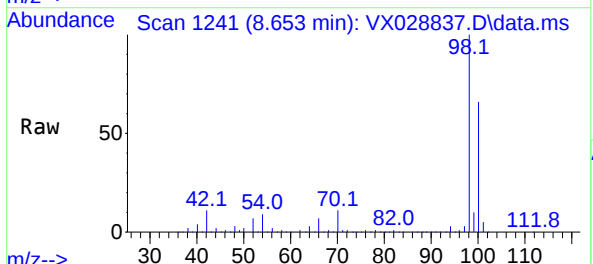
Instrument :
MSVOA_X
ClientSampleId :
MW-36

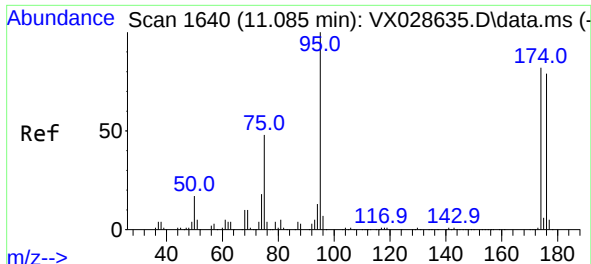
Tgt Ion: 98 Resp: 515709
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion: 43 Resp: 2175
Ion Ratio Lower Upper
43 100
58 194.8 36.1 54.1#

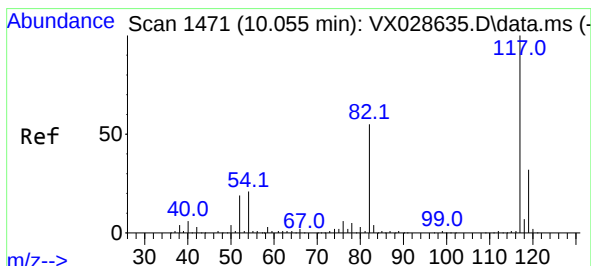
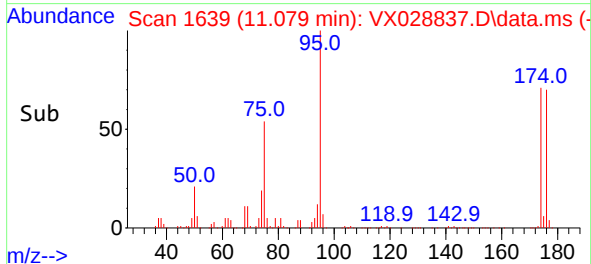
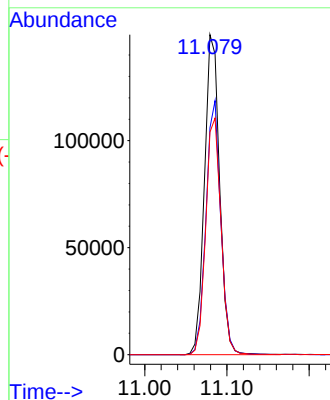
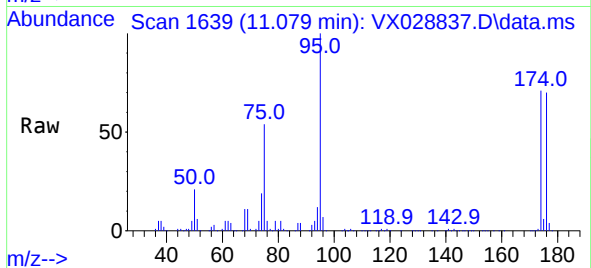




#62
4-Bromofluorobenzene
Concen: 47.969 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

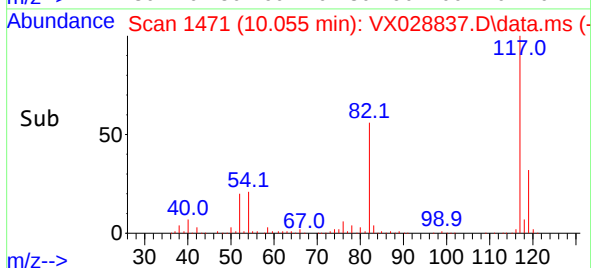
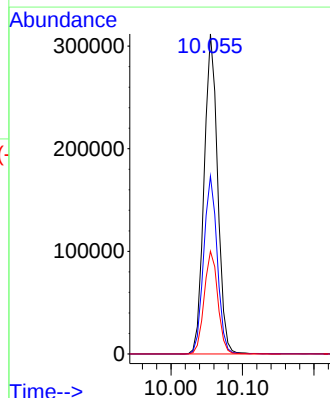
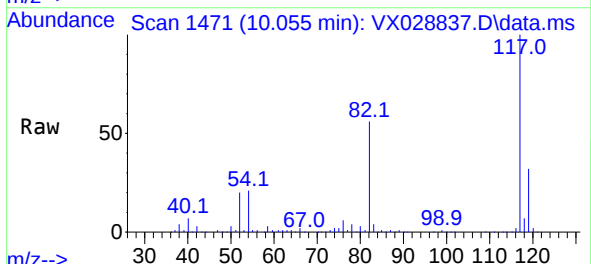
Instrument :
MSVOA_X
ClientSampleId :
MW-36

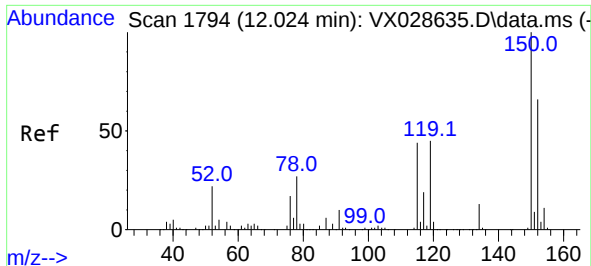
Tgt Ion: 95 Resp: 191711
Ion Ratio Lower Upper
95 100
174 77.4 0.0 163.0
176 74.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion: 117 Resp: 410414
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.1 24.8 37.2

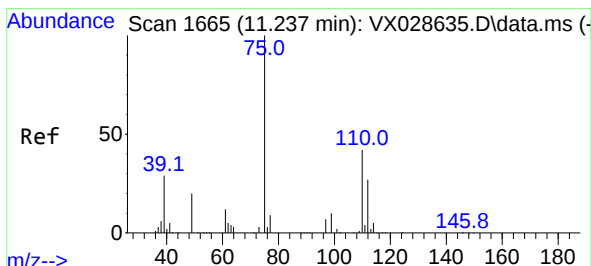
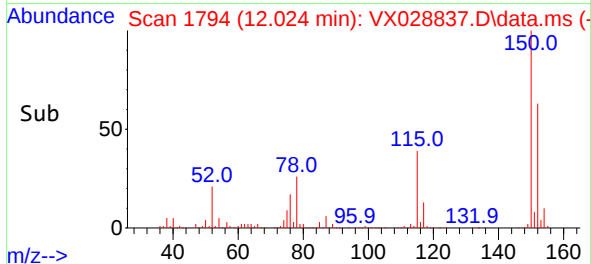
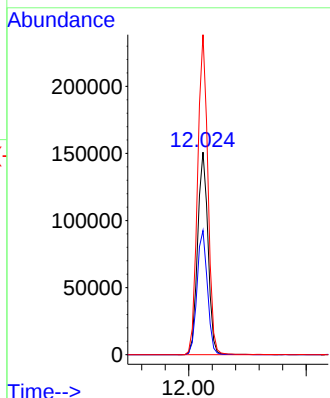
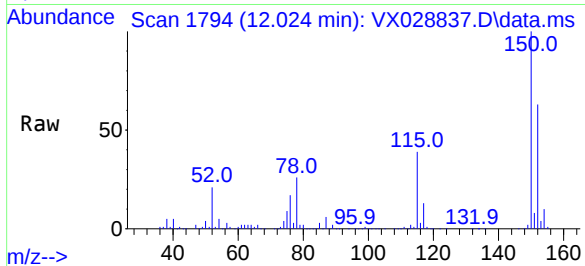




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

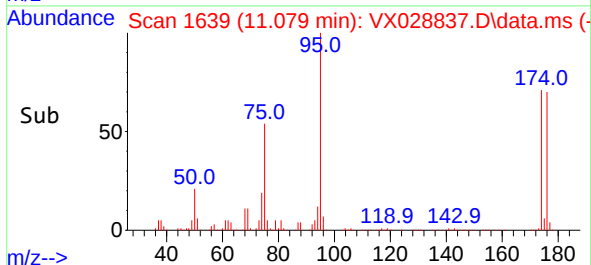
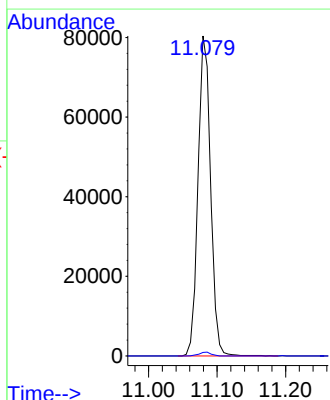
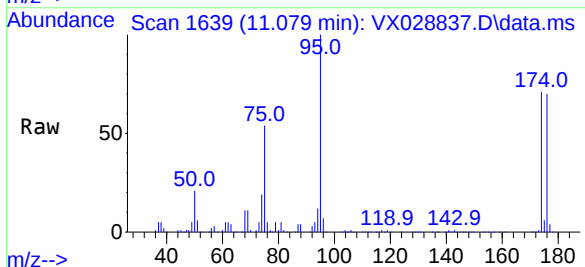
Instrument :
MSVOA_X
ClientSampleId :
MW-36

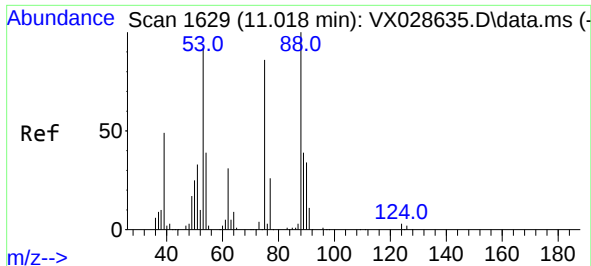
Tgt Ion:152 Resp: 185238
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 157.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028837.D
Acq: 19 May 2022 19:49

Tgt Ion: 75 Resp: 102551
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.934 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028837.D
 Acq: 19 May 2022 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Tgt Ion: 75 Resp: 102551
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

