

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028897.D
 Acq On : 23 May 2022 16:22
 Operator : JC/MD
 Sample : N2970-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB02-20220519

Quant Time: May 24 05:34:08 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)

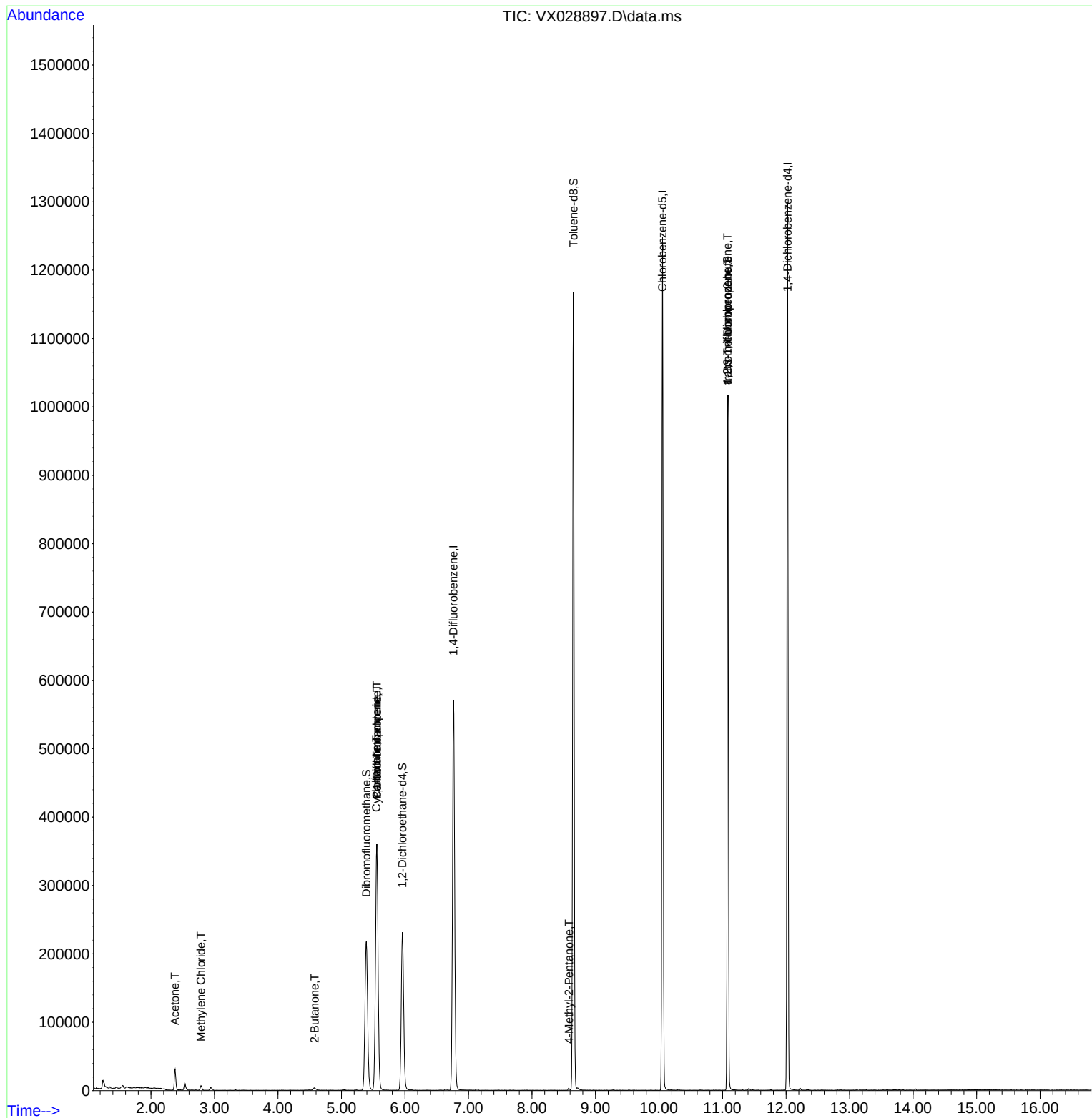
Internal Standards						
1) Pentafluorobenzene	5.556	168	332938	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	588032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	566130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	230062	50.410	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.820%	
35) Dibromofluoromethane	5.391	113	194311	50.435	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.880%	
50) Toluene-d8	8.653	98	695165	47.859	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.720%	
62) 4-Bromofluorobenzene	11.079	95	278283	51.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1266	Below Cal		91
6) Chloroethane	1.678	64	1798	Below Cal	#	73
11) Tert butyl alcohol	2.940	59	2567	Below Cal	#	72
16) Acetone	2.380	43	32521	16.604	ug/l	92
20) Methylene Chloride	2.788	84	3048	0.742	ug/l	91
25) 2-Butanone	4.574	43	5568	1.811	ug/l	98
31) Cyclohexane	5.550	56	6549	1.034	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	26465	4.573	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	35124	6.031	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.580	43	1796	0.288	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	143112	22.988	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	143112	67.140	ug/l	# 15

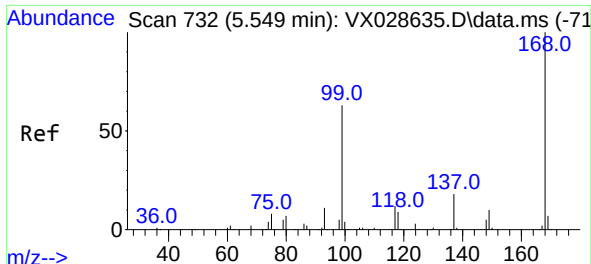
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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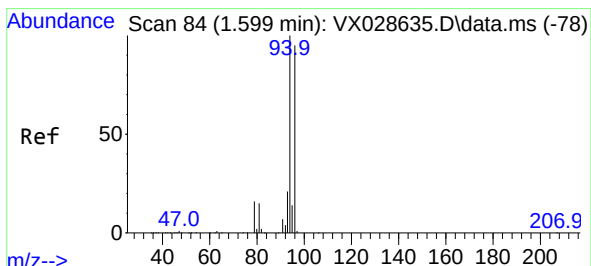
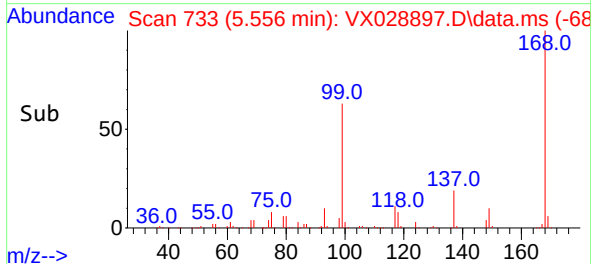
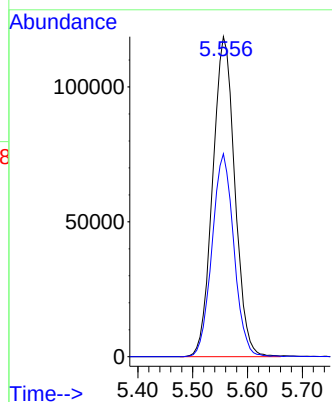
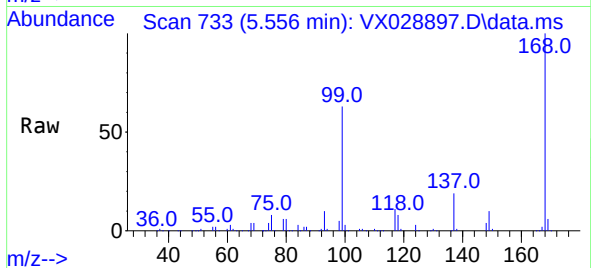




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

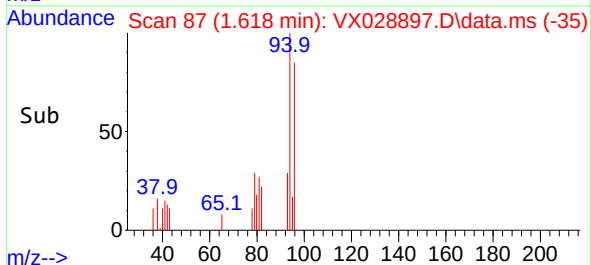
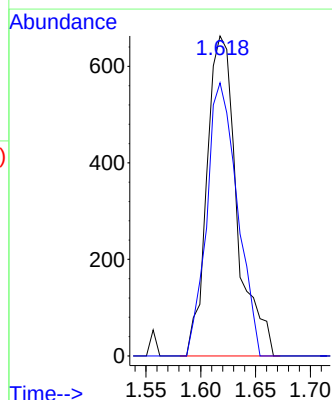
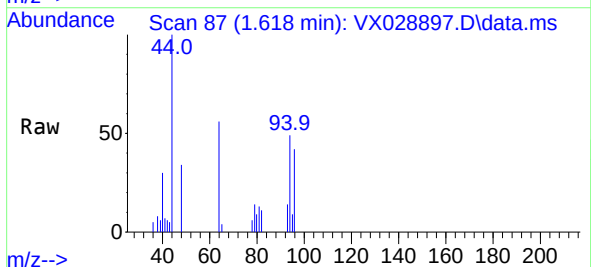
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

Tgt Ion:168 Resp: 332938
Ion Ratio Lower Upper
168 100
99 63.4 41.7 62.5#

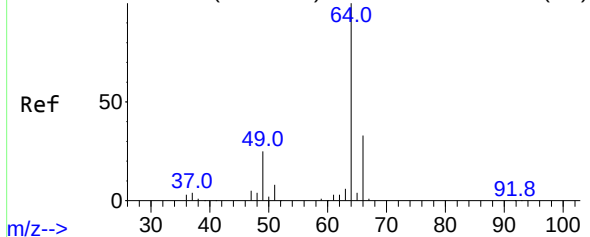


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

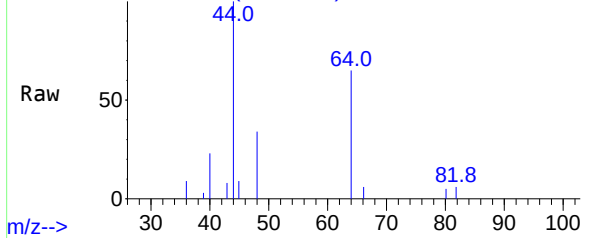
Tgt Ion: 94 Resp: 1266
Ion Ratio Lower Upper
94 100
96 85.4 75.3 112.9



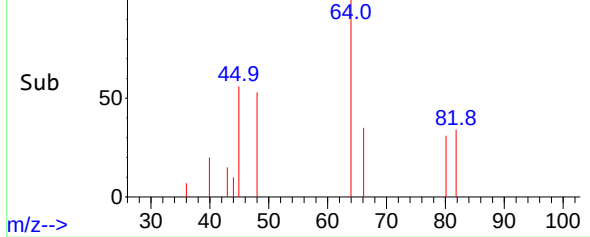
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



m/z--> Scan 97 (1.678 min): VX028897.D\data.ms



Abundance Scan 97 (1.678 min): VX028897.D\data.ms (-48)



m/z-->

#6

Chloroethane

Concen: Below Cal

RT: 1.678 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX028897.D

Acq: 23 May 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

RB02-20220519

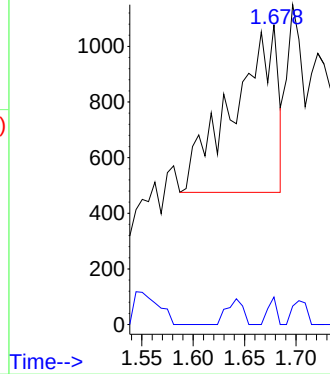
Tgt Ion: 64 Resp: 1798

Ion Ratio Lower Upper

64 100

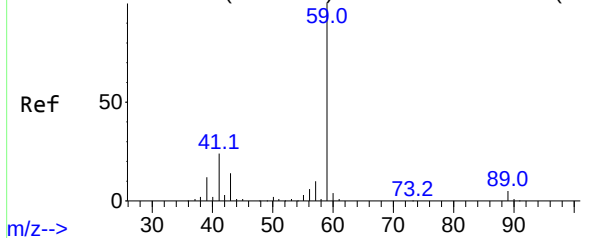
66 16.4 25.3 37.9#

Abundance

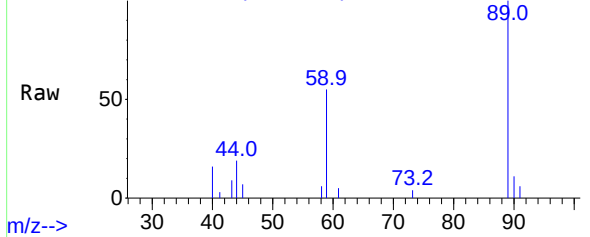


Time-->

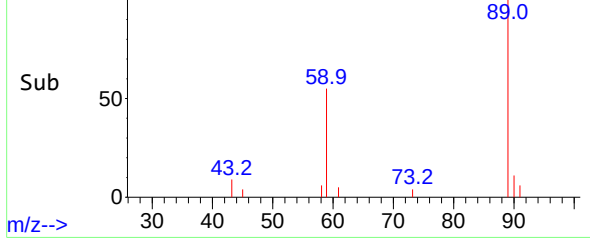
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



m/z--> Scan 304 (2.940 min): VX028897.D\data.ms



Abundance Scan 304 (2.940 min): VX028897.D\data.ms (-25)



m/z-->

#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 304

Delta R.T. -0.018 min

Lab File: VX028897.D

Acq: 23 May 2022 16:22

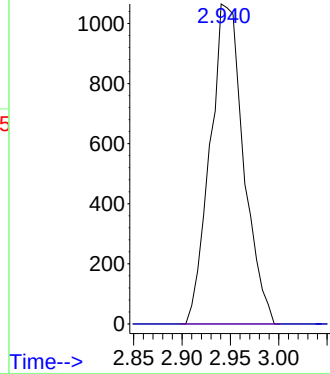
Tgt Ion: 59 Resp: 2567

Ion Ratio Lower Upper

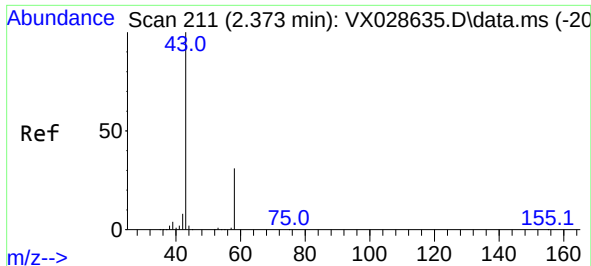
59 100

57 0.0 8.3 12.5#

Abundance



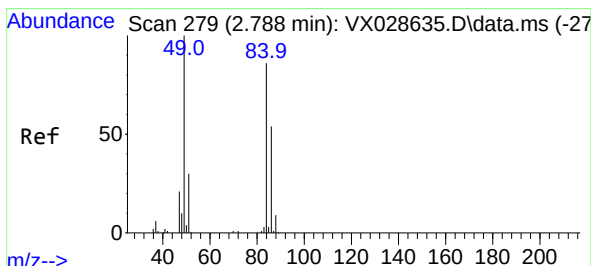
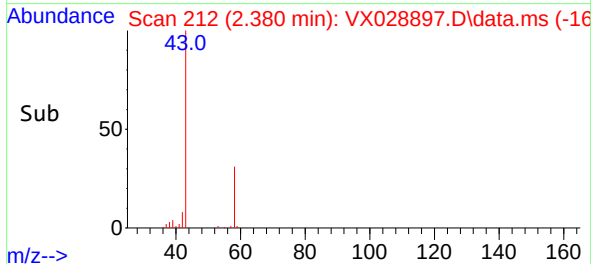
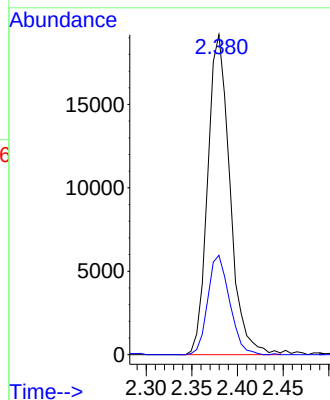
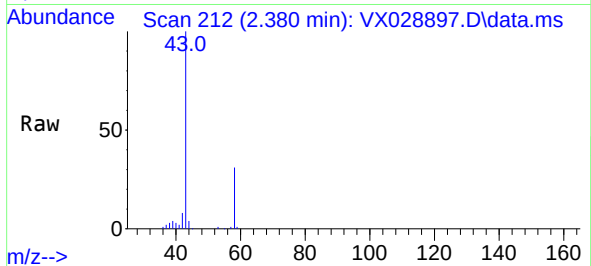
Time-->



#16
Acetone
Concen: 16.604 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

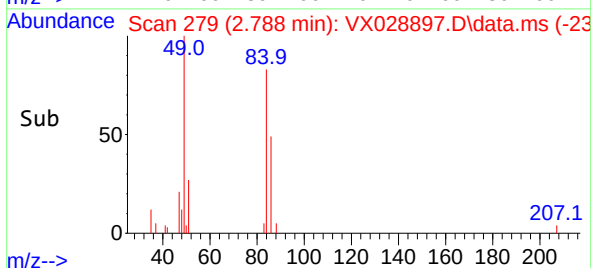
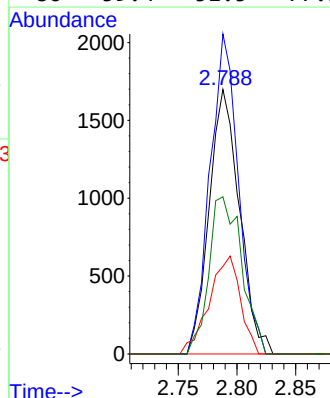
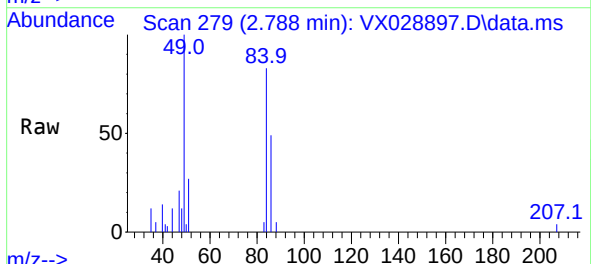
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

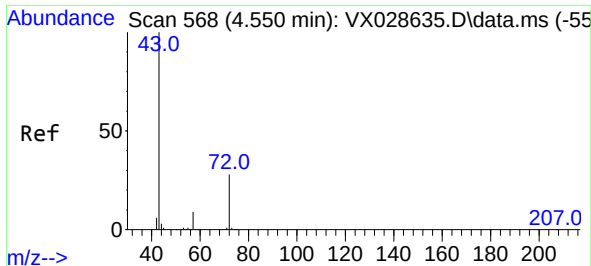
Tgt Ion: 43 Resp: 32521
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2



#20
Methylene Chloride
Concen: 0.742 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

Tgt Ion: 84 Resp: 3048
Ion Ratio Lower Upper
84 100
49 121.0 85.5 128.3
51 33.1 26.6 39.8
86 59.4 51.5 77.3

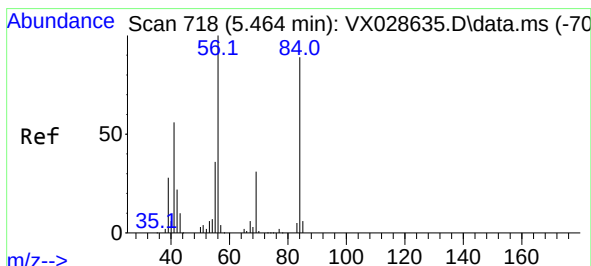
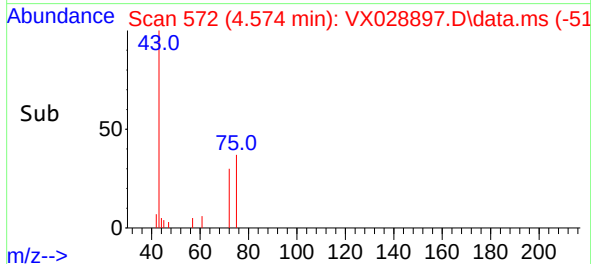
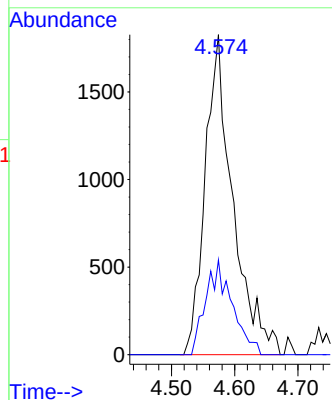
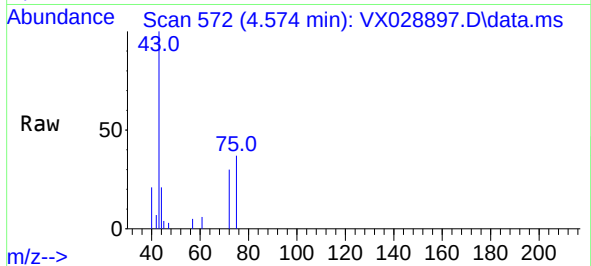




#25
2-Butanone
Concen: 1.811 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

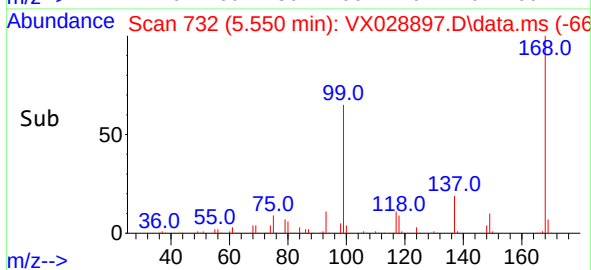
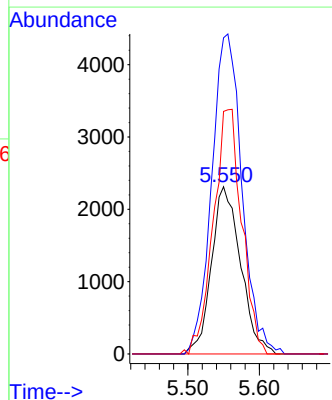
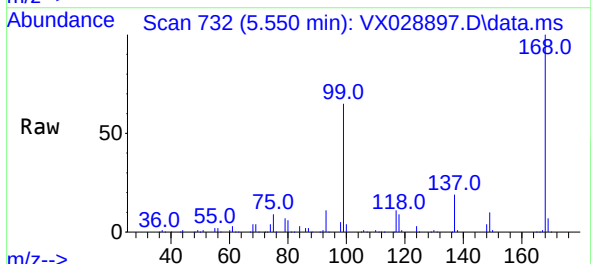
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

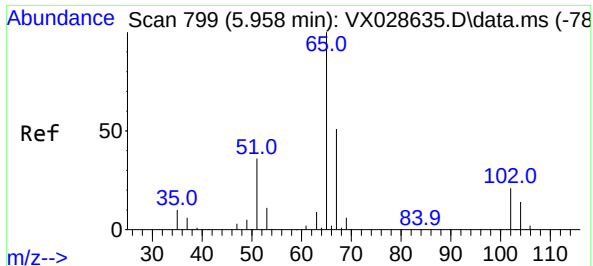
Tgt Ion: 43 Resp: 5568
Ion Ratio Lower Upper
43 100
72 29.6 24.4 36.6



#31
Cyclohexane
Concen: 1.034 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

Tgt Ion: 56 Resp: 6549
Ion Ratio Lower Upper
56 100
69 189.1 26.7 40.1#
84 145.1 77.2 115.8#

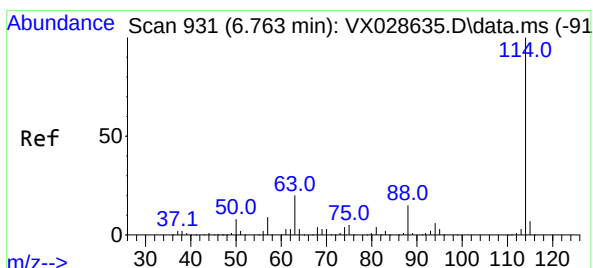
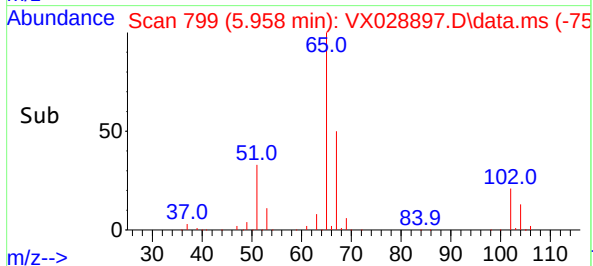
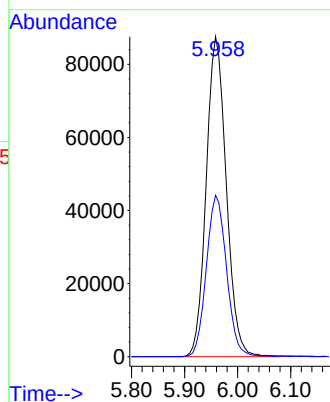
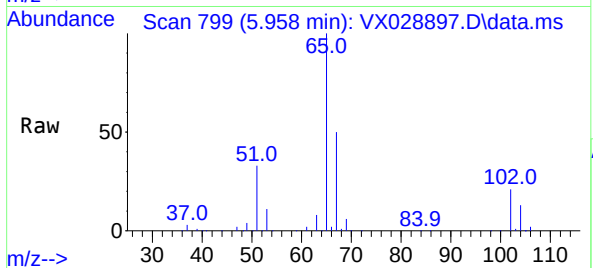




#33
1,2-Dichloroethane-d4
Concen: 50.410 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

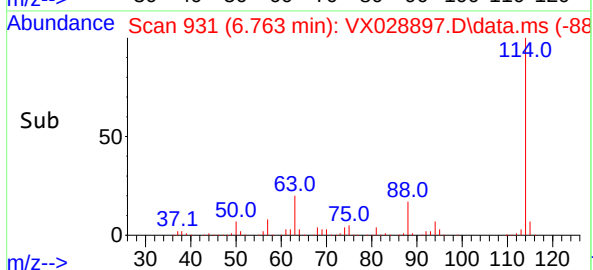
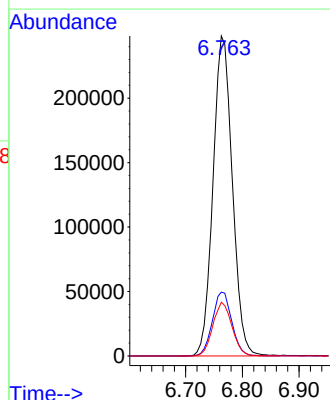
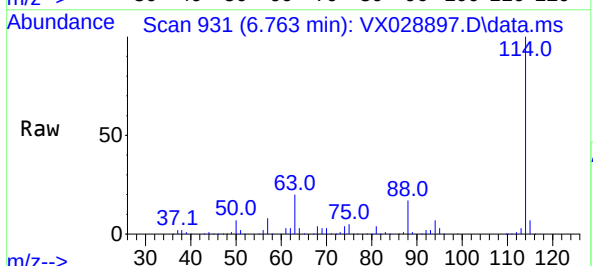
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

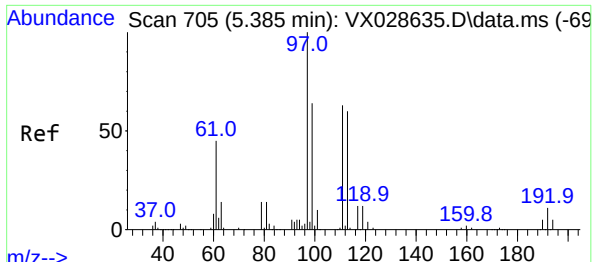
Tgt Ion: 65 Resp: 230062
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

Tgt Ion: 114 Resp: 588032
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.435 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028897.D

Acq: 23 May 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

RB02-20220519

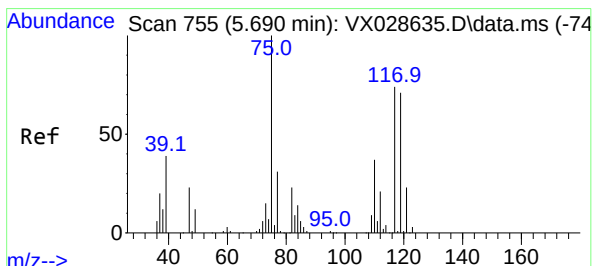
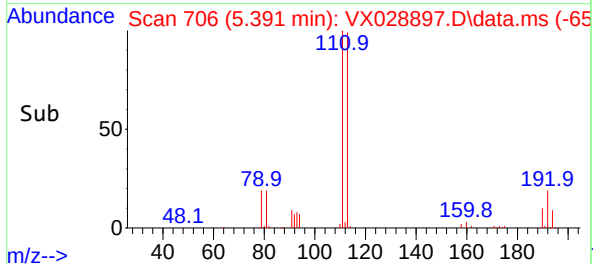
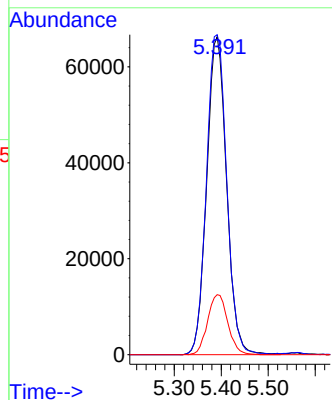
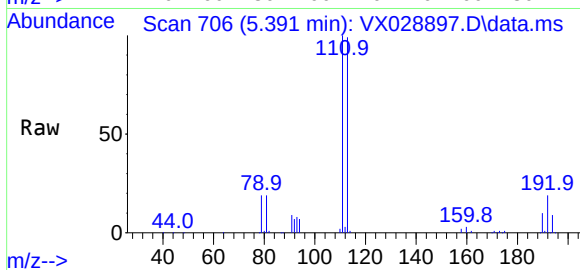
Tgt Ion:113 Resp: 194311

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.573 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028897.D

Acq: 23 May 2022 16:22

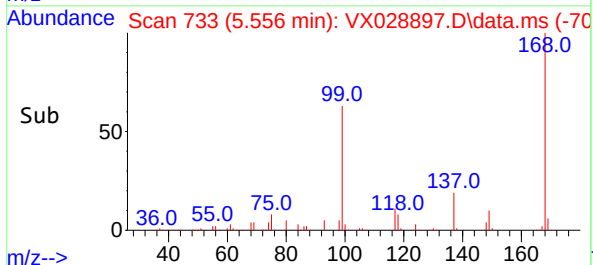
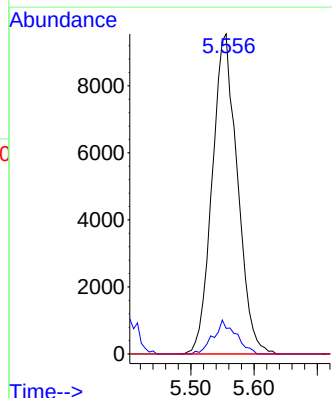
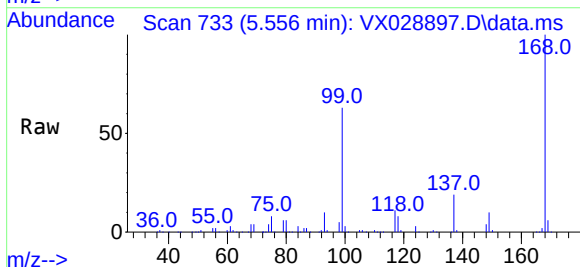
Tgt Ion: 75 Resp: 26465

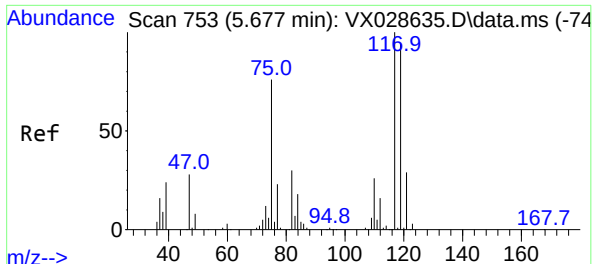
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

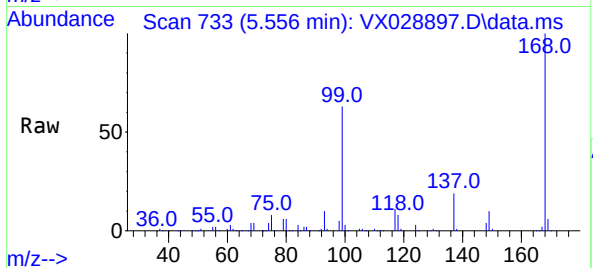
77 0.0 24.8 37.2#



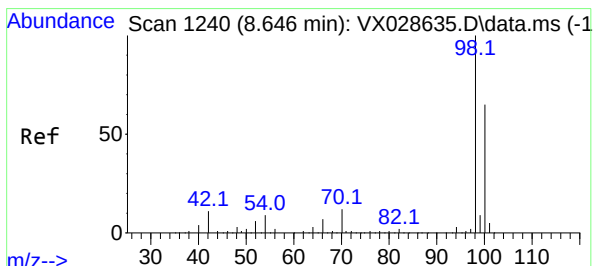
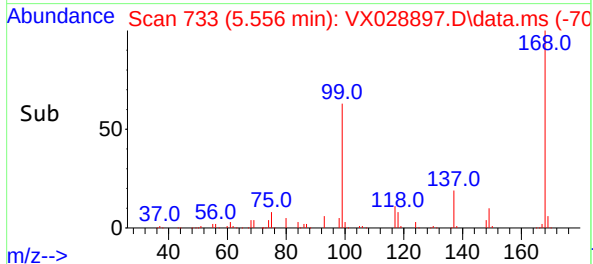
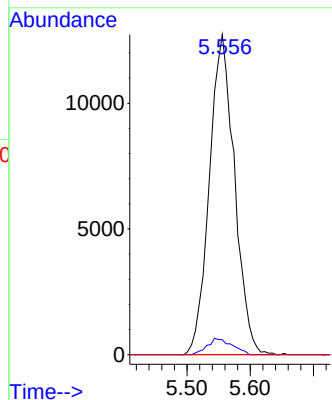


#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

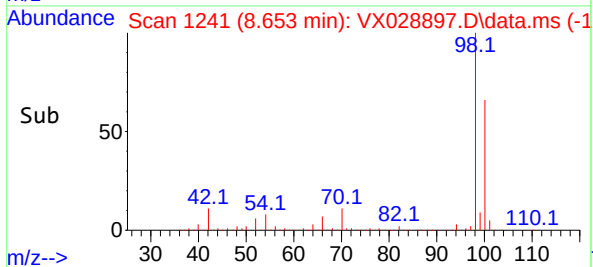
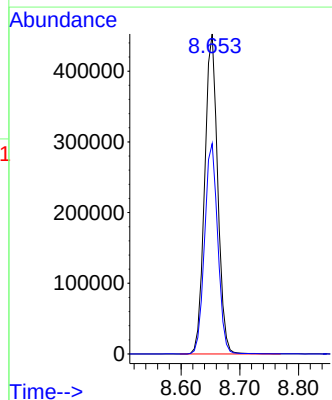
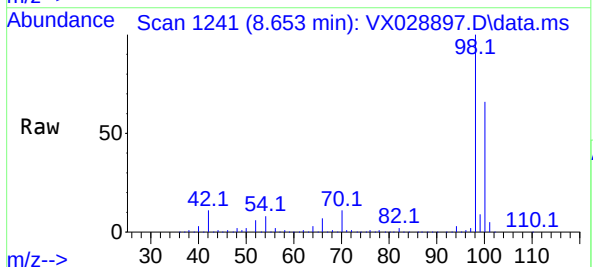


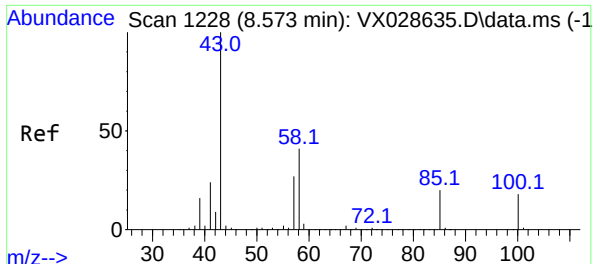
Tgt Ion:117 Resp: 35124
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.859 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

Tgt Ion: 98 Resp: 695165
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.288 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028897.D

Acq: 23 May 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

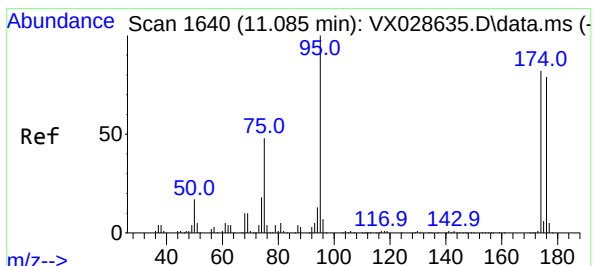
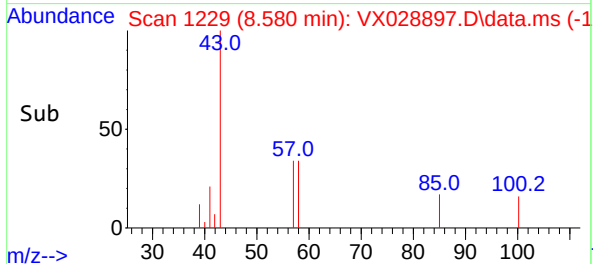
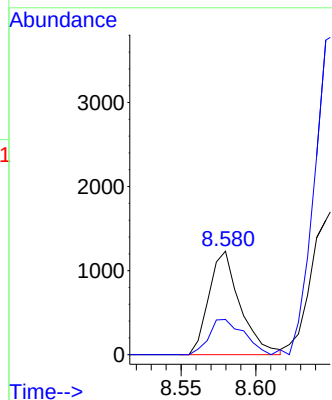
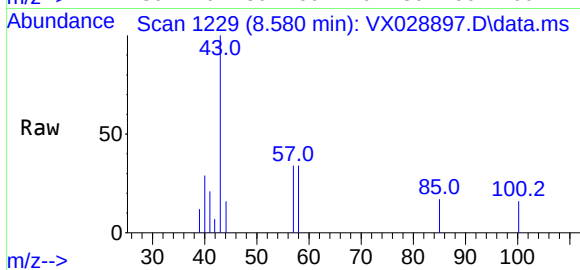
RB02-20220519

Tgt Ion: 43 Resp: 1796

Ion Ratio Lower Upper

43 100

58 37.9 36.1 54.1



#62

4-Bromofluorobenzene

Concen: 51.293 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028897.D

Acq: 23 May 2022 16:22

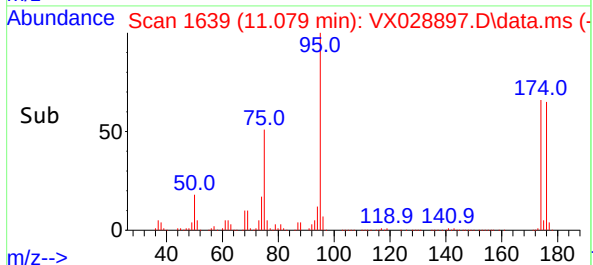
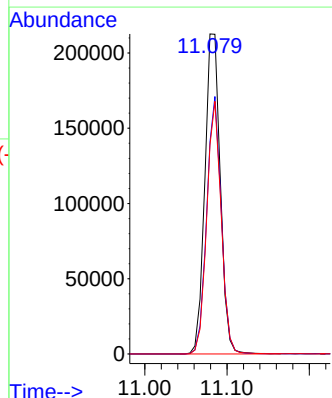
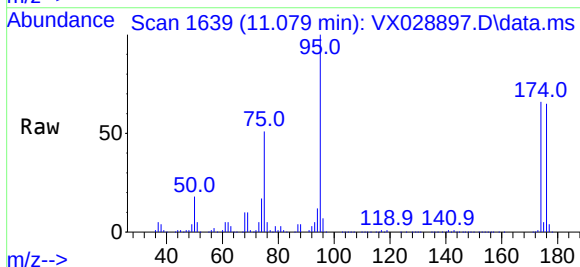
Tgt Ion: 95 Resp: 278283

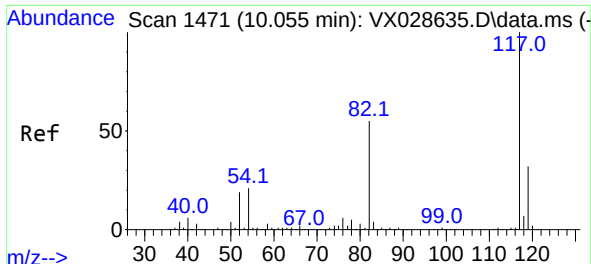
Ion Ratio Lower Upper

95 100

174 75.3 0.0 163.0

176 73.7 0.0 155.0

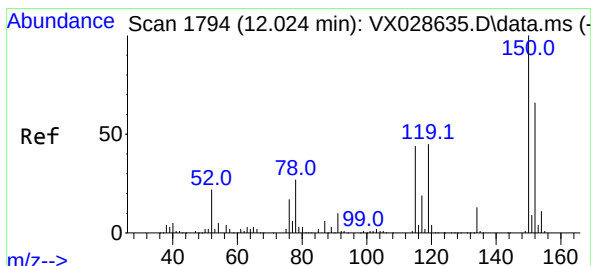
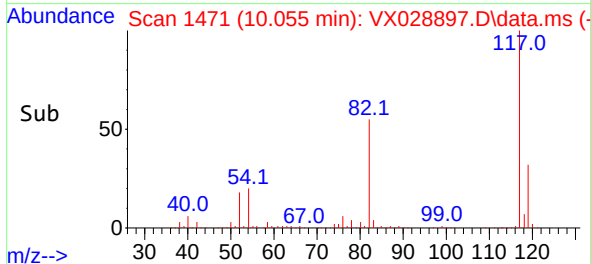
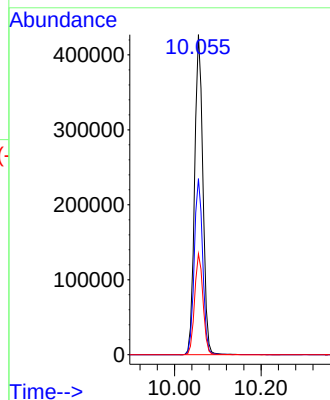
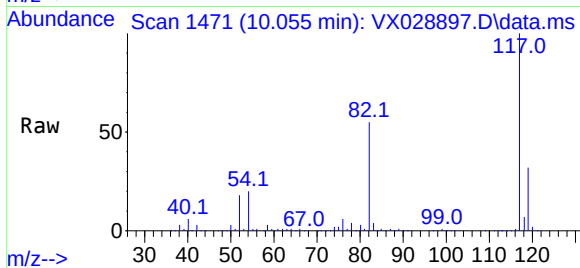




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

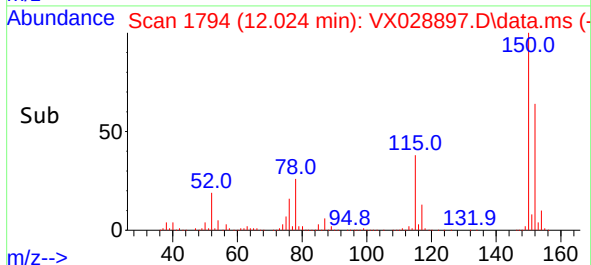
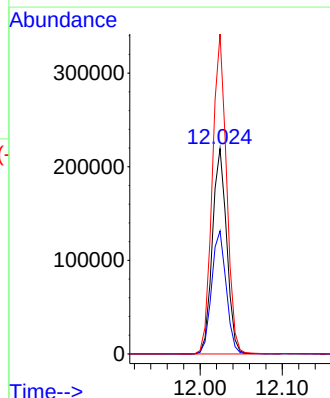
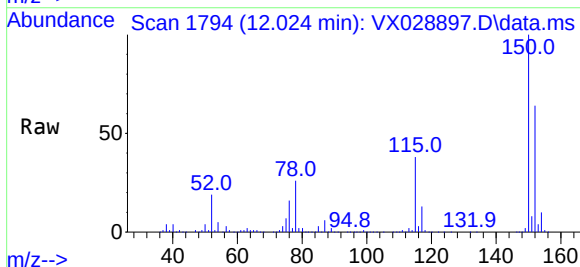
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

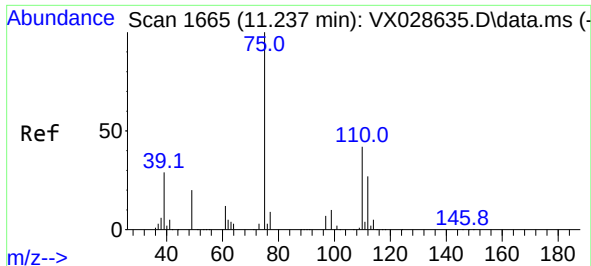
Tgt Ion:117 Resp: 566130
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

Tgt Ion:152 Resp: 265832
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 154.8 0.0 338.2

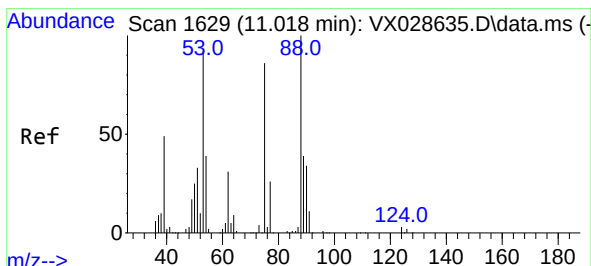
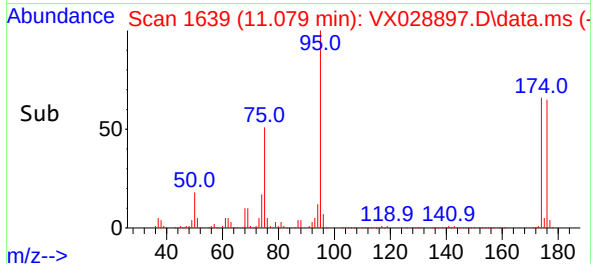
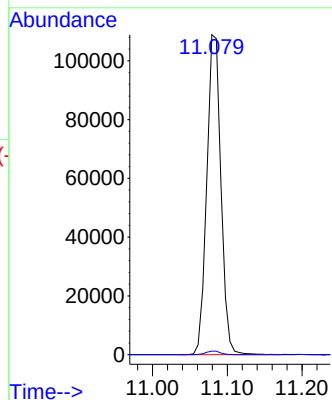
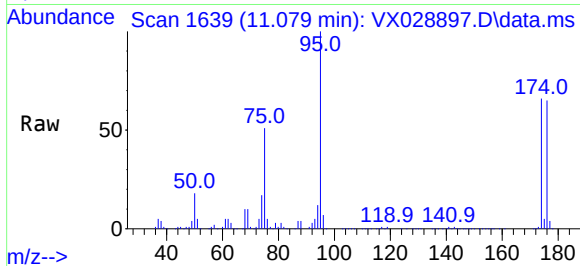




#76
1,2,3-Trichloropropane
Concen: 22.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

Tgt Ion: 75 Resp: 143112
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028897.D
Acq: 23 May 2022 16:22

Tgt Ion: 75 Resp: 143112
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

