

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032617.D
 Acq On : 07 Nov 2022 11:18
 Operator : JC/MD
 Sample : VX1107WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 03:10:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

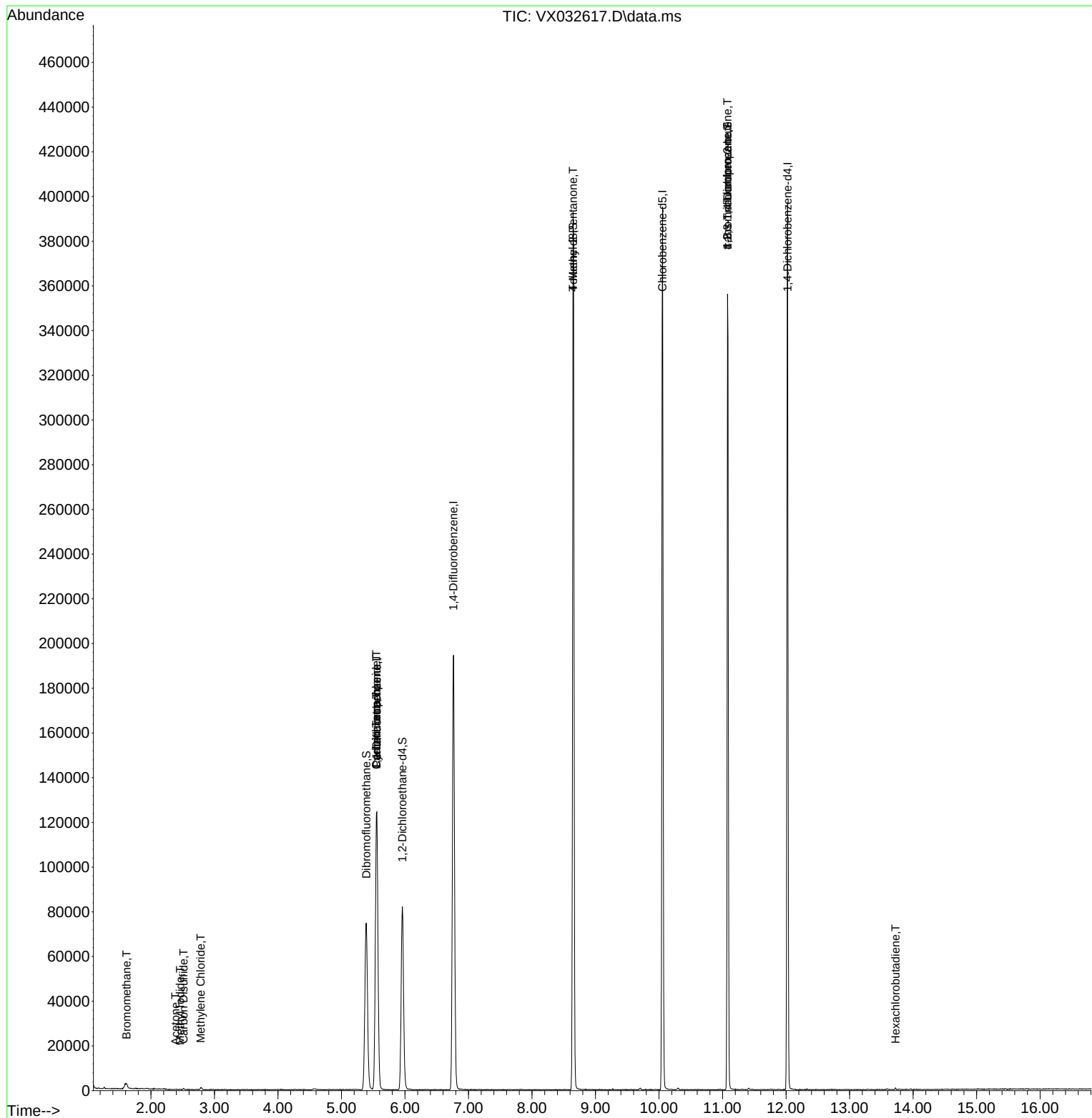
Internal Standards						
1) Pentafluorobenzene	5.556	168	118349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194956	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82047	49.894	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.780%		
35) Dibromofluoromethane	5.391	113	64550	46.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.840%		
50) Toluene-d8	8.647	98	234934	48.585	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	89171	47.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.420%		
Target Compounds			Qvalue			
5) Bromomethane	1.618	94	252	0.248	ug/l	91
10) Methyl Iodide	2.459	142	164	2.028	ug/l #	37
16) Acetone	2.386	43	222	0.371	ug/l #	45
17) Carbon Disulfide	2.514	76	584	0.207	ug/l #	74
20) Methylene Chloride	2.782	84	447	0.326	ug/l	96
31) Cyclohexane	5.550	56	2800	1.404	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	9193	4.747	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11926	5.552	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1062	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49205	27.470	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49205	87.412	ug/l #	6
94) Hexachlorobutadiene	13.725	225	226	0.285	ug/l	82

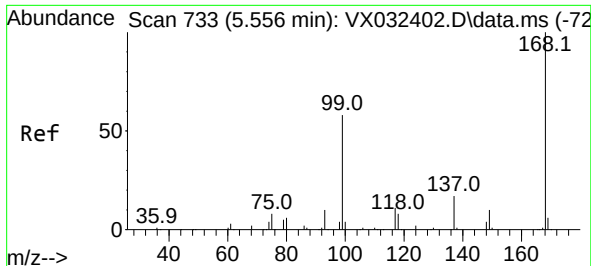
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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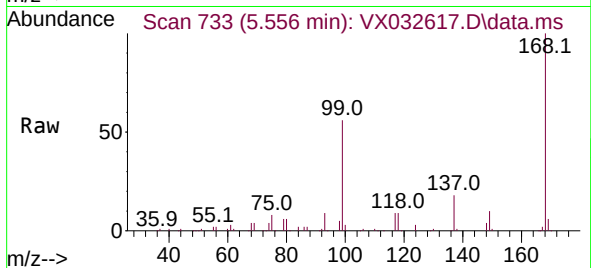


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

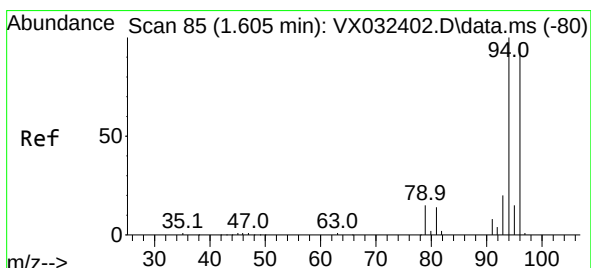
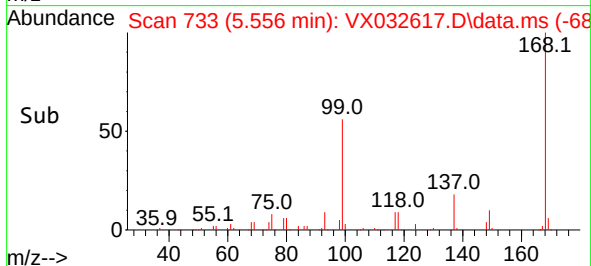
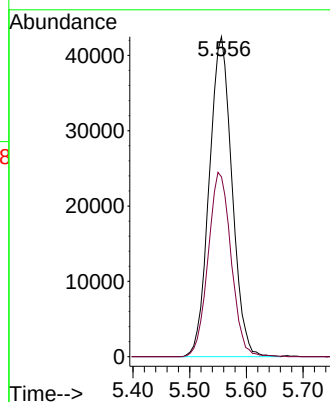
Instrument :

MSVOA_X

ClientSampleId :

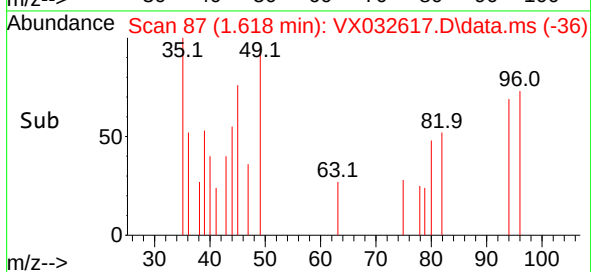
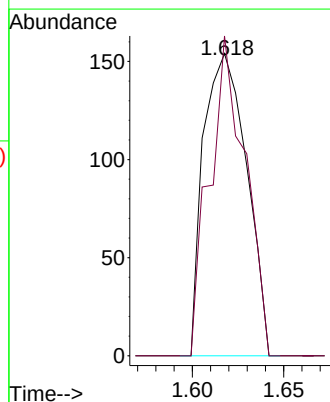
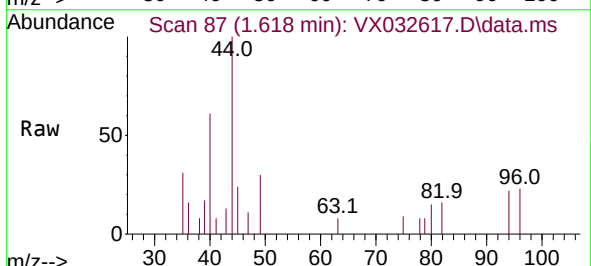


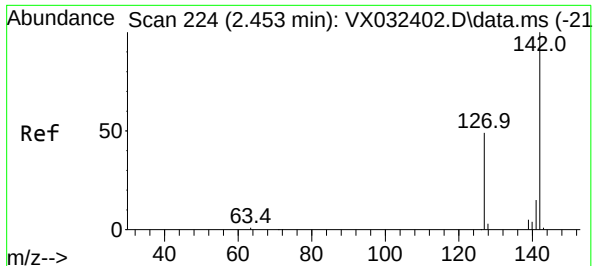
Tgt Ion:168 Resp: 118349
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1



#5
Bromomethane
Concen: 0.248 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

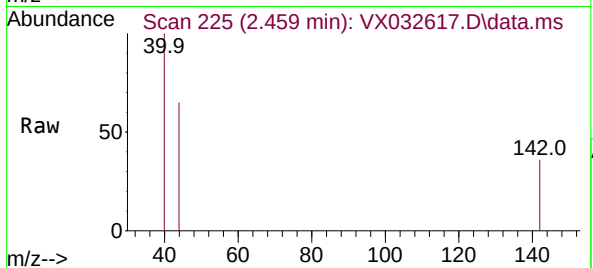
Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 105.8 77.6 116.4



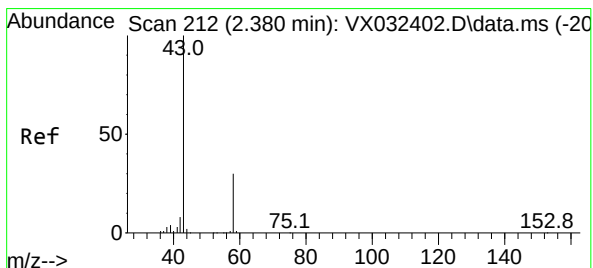
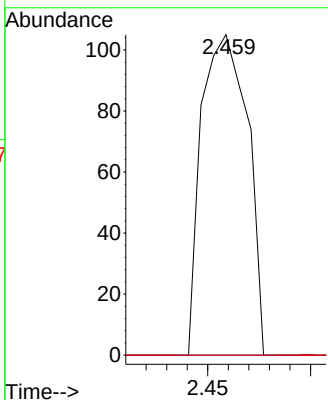
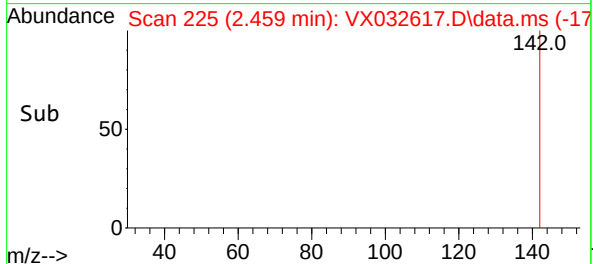


#10
Methyl Iodide
Concen: 2.028 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

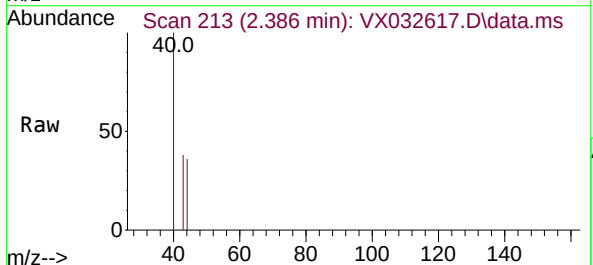
Instrument :
MSVOA_X
ClientSampleId :



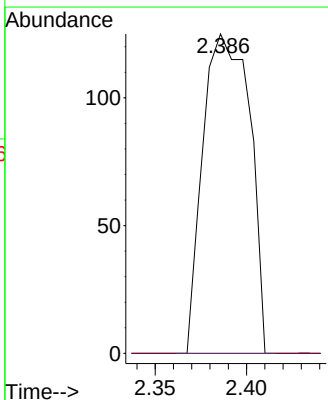
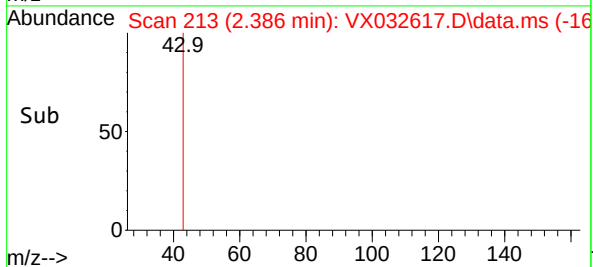
Tgt Ion:142 Resp: 164
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#

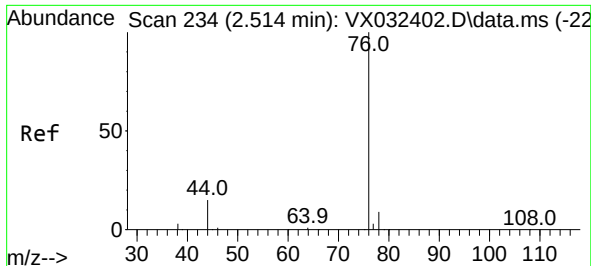


#16
Acetone
Concen: 0.371 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18



Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

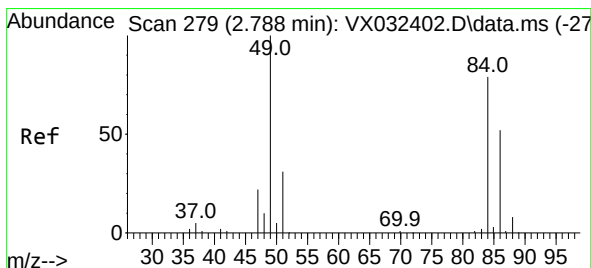
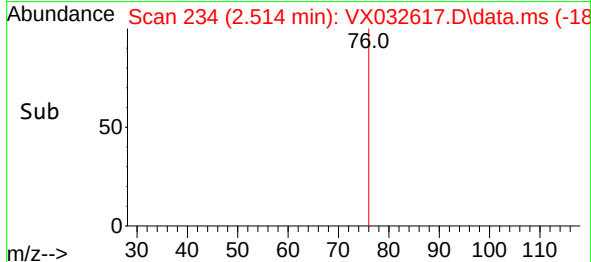
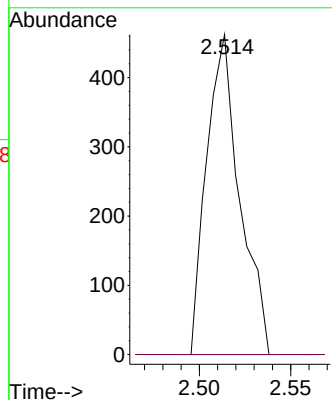
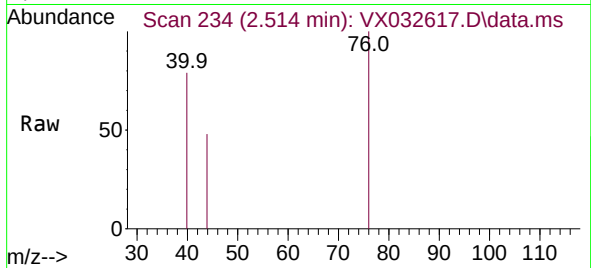




#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

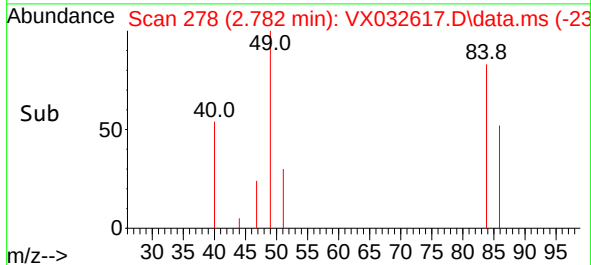
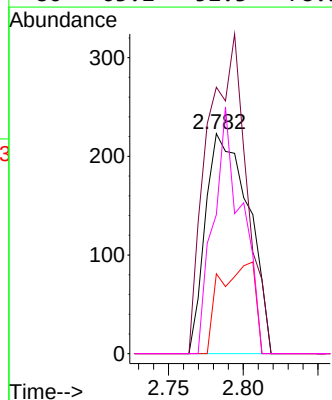
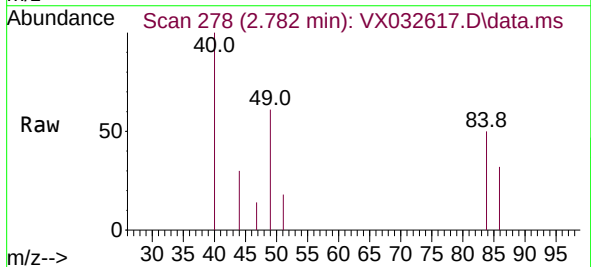
Instrument :
MSVOA_X
ClientSampleId :

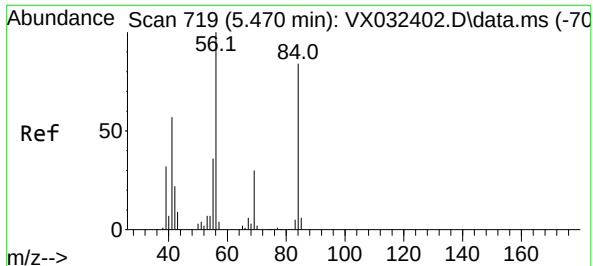
Tgt Ion: 76 Resp: 584
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

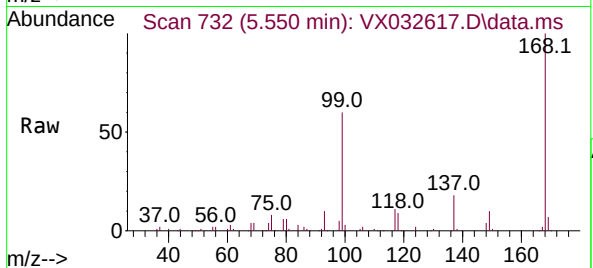
Tgt Ion: 84 Resp: 447
Ion Ratio Lower Upper
84 100
49 121.1 101.0 151.6
51 36.3 31.1 46.7
86 63.2 52.3 78.5



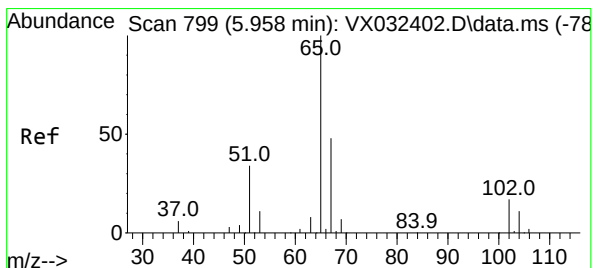
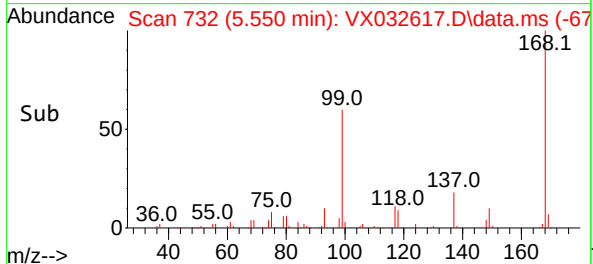
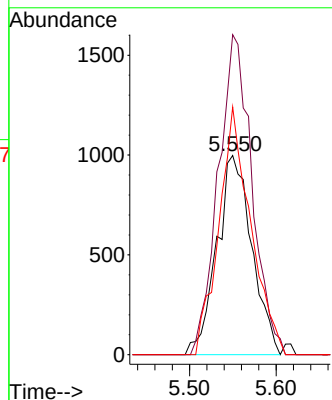


#31
Cyclohexane
Concen: 1.404 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

Instrument :
MSVOA_X
ClientSampleId :

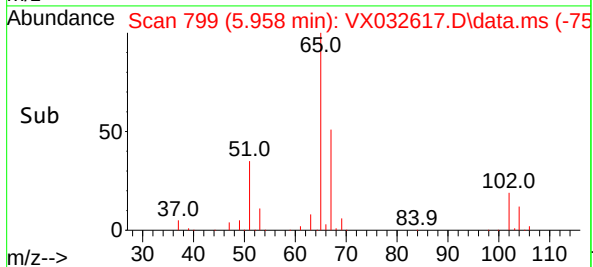
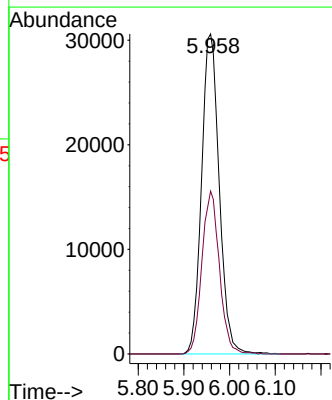
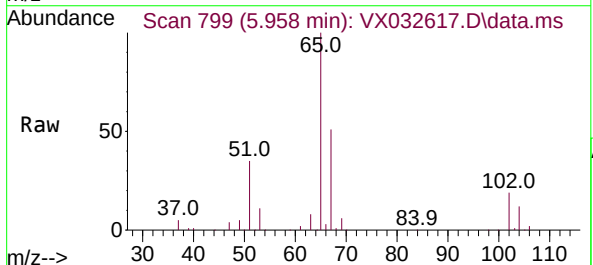


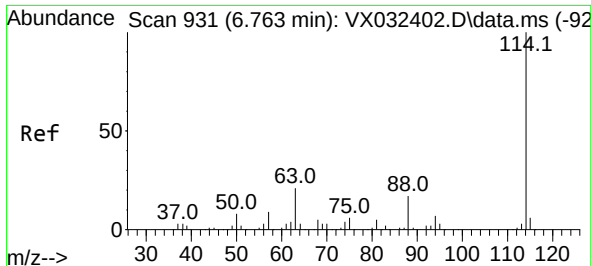
Tgt Ion: 56 Resp: 2800
Ion Ratio Lower Upper
56 100
69 160.6 24.1 36.1#
84 124.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.894 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

Tgt Ion: 65 Resp: 82047
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

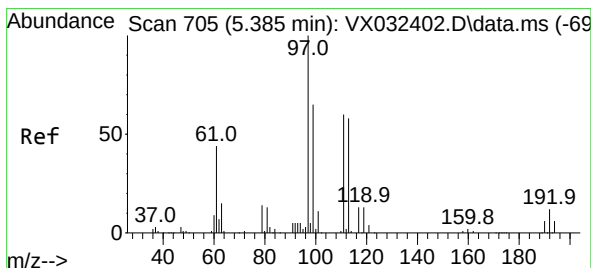
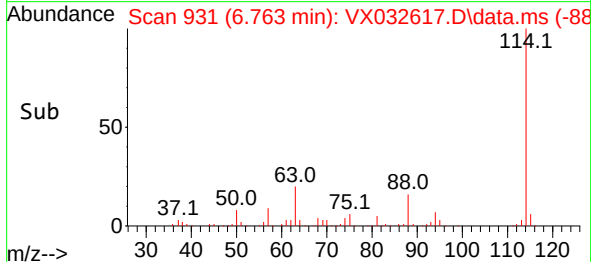
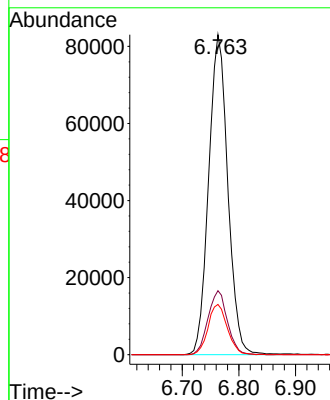
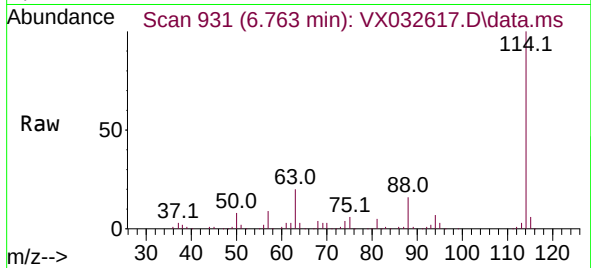




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

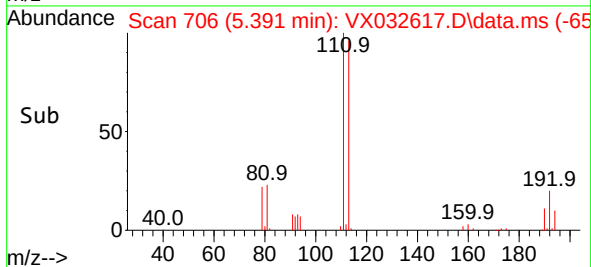
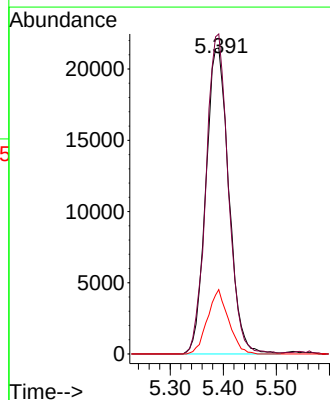
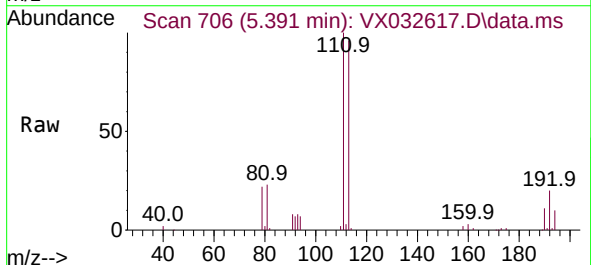
Instrument :
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ClientSampleId :

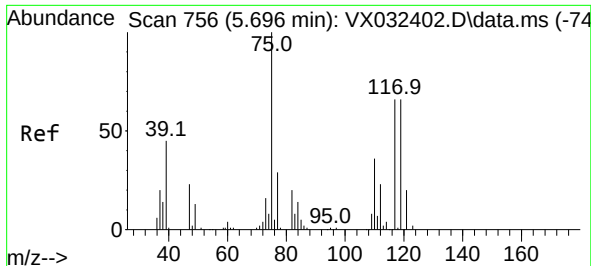
Tgt Ion:114 Resp: 194956
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.417 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

Tgt Ion:113 Resp: 64550
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.2 15.4 23.2

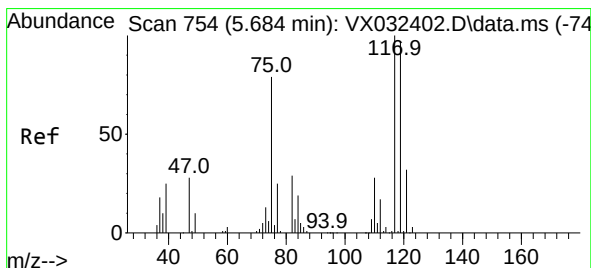
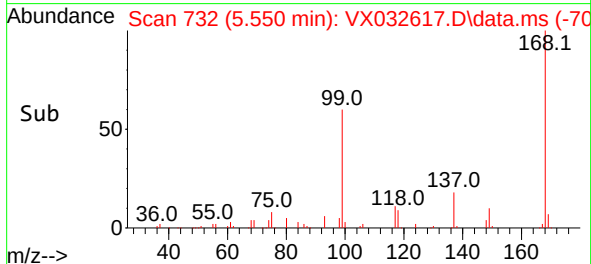
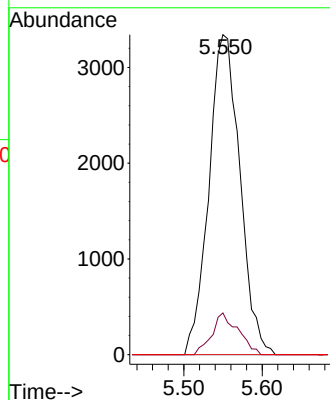
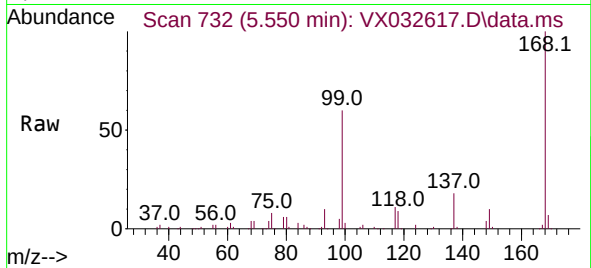




#36
1,1-Dichloropropene
Concen: 4.747 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

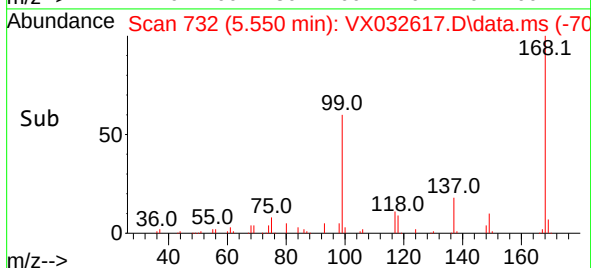
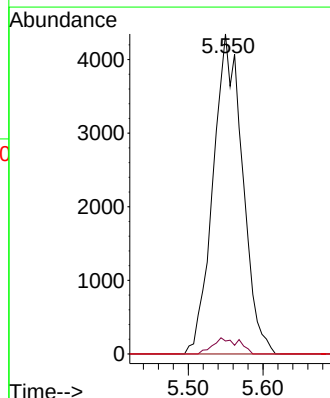
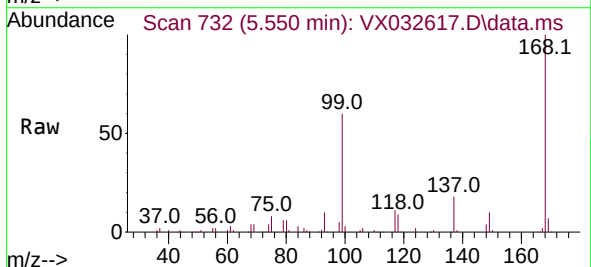
Instrument :
MSVOA_X
ClientSampleId :

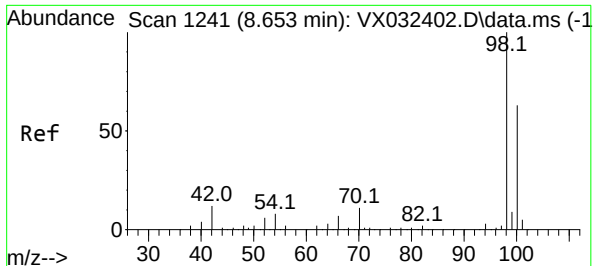
Tgt Ion: 75 Resp: 9193
Ion Ratio Lower Upper
75 100
110 11.0 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.552 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

Tgt Ion: 117 Resp: 11926
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 25.8 38.6#

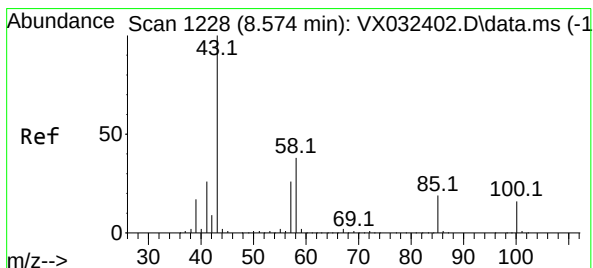
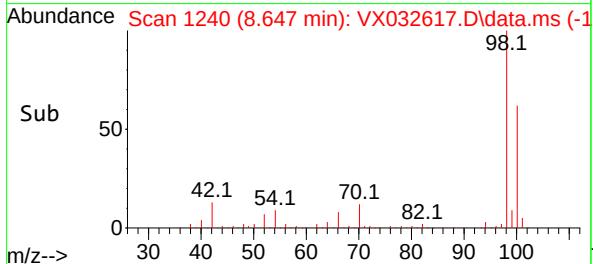
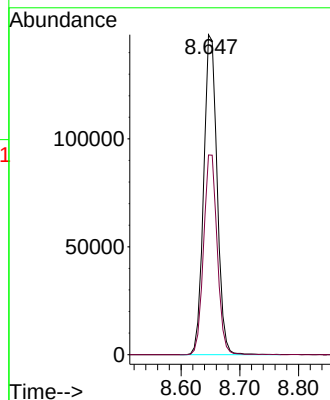
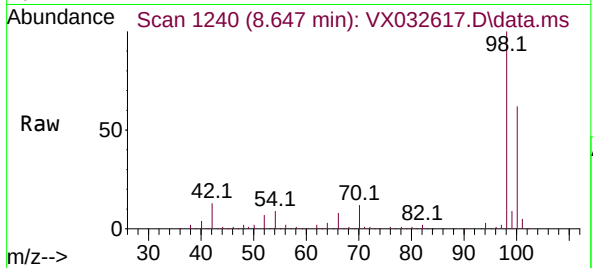




#50
Toluene-d8
Concen: 48.585 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

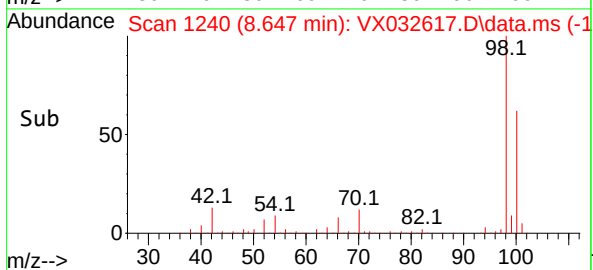
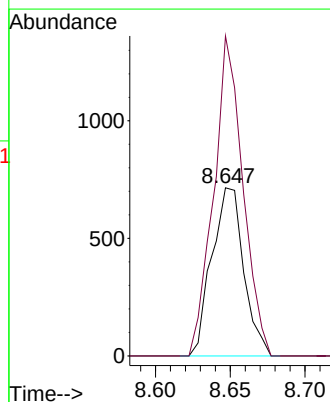
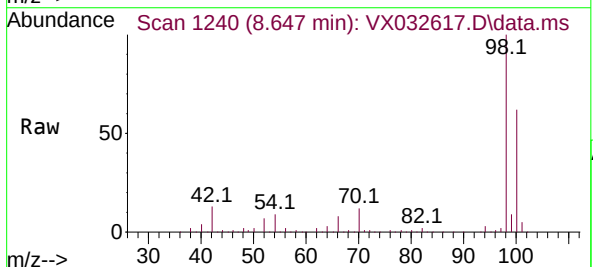
Instrument :
MSVOA_X
ClientSampleId :

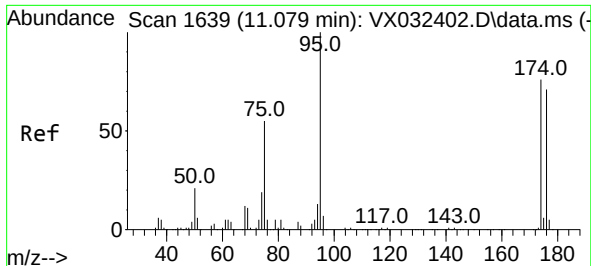
Tgt Ion: 98 Resp: 234934
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 174.3 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 47.208 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032617.D

Acq: 07 Nov 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

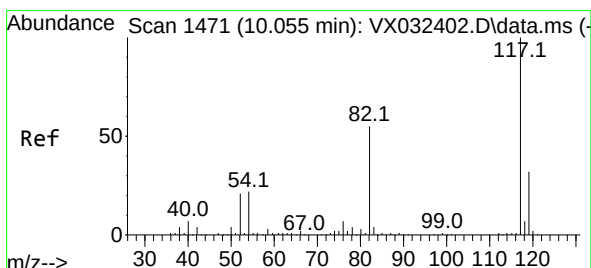
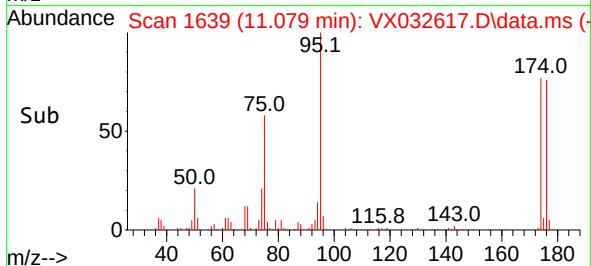
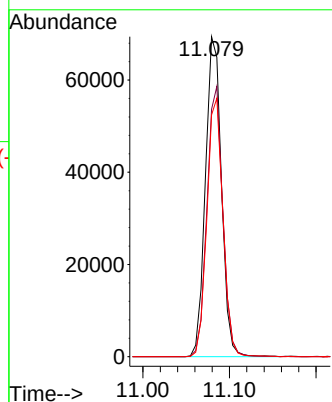
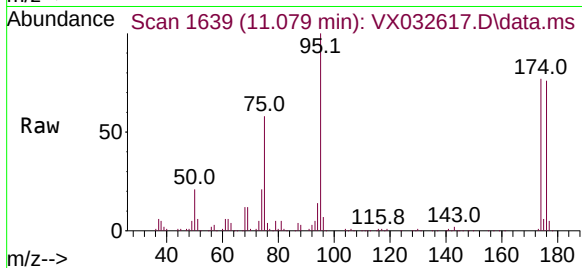
Tgt Ion: 95 Resp: 89171

Ion Ratio Lower Upper

95 100

174 83.6 0.0 164.0

176 80.9 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032617.D

Acq: 07 Nov 2022 11:18

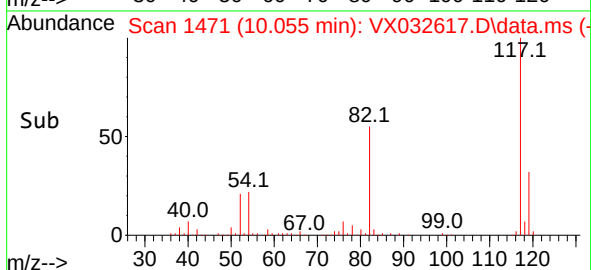
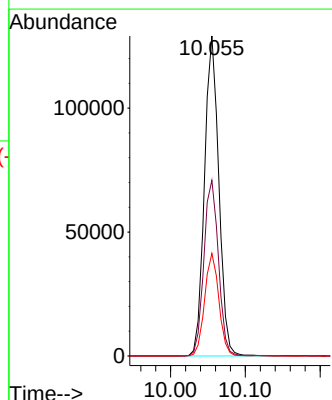
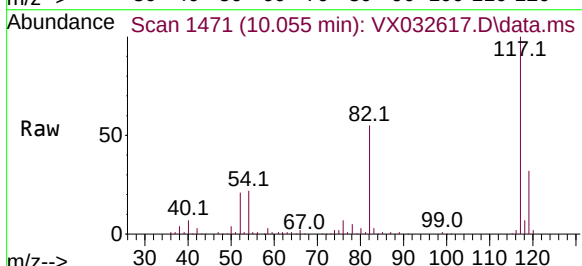
Tgt Ion: 117 Resp: 172155

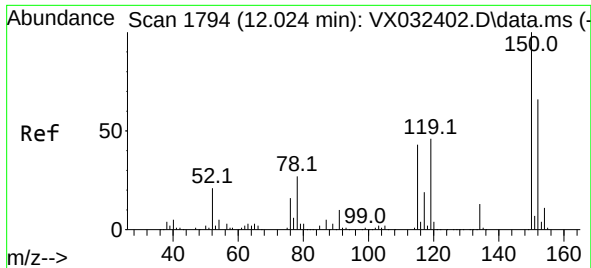
Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

119 32.1 25.7 38.5

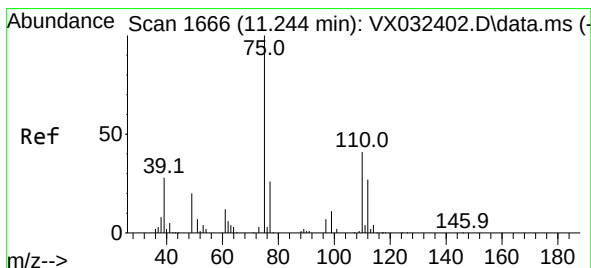
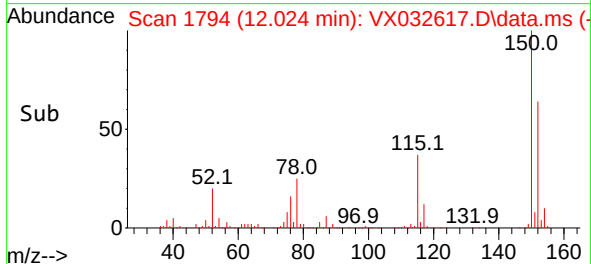
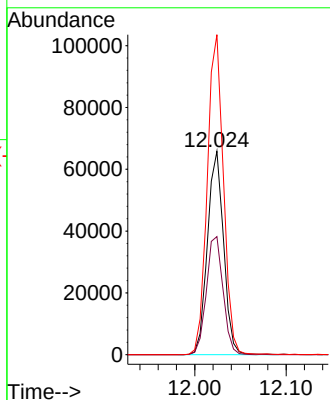
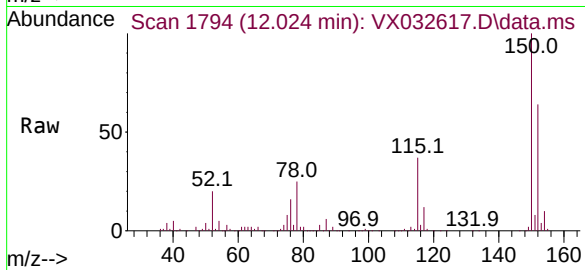




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032617.D
 Acq: 07 Nov 2022 11:18

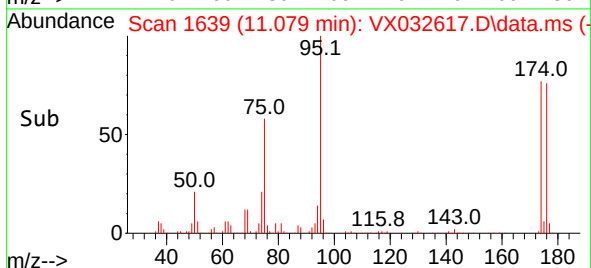
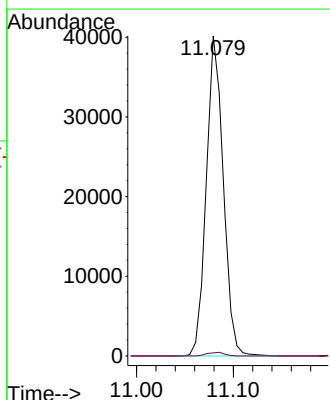
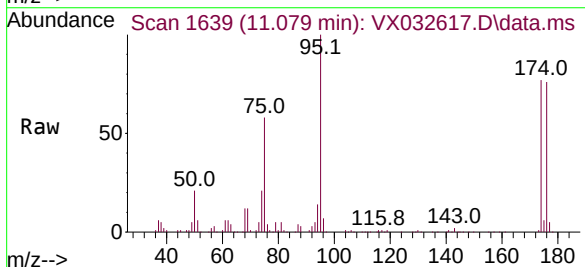
Instrument :
 MSVOA_X
 ClientSampleId :

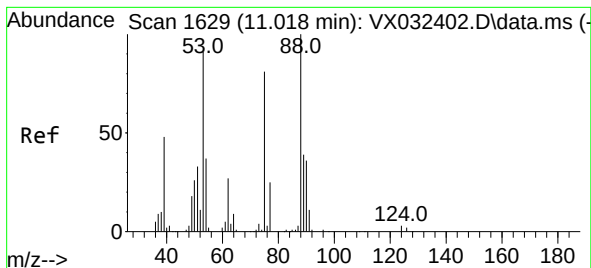
Tgt Ion:152 Resp: 80512
 Ion Ratio Lower Upper
 152 100
 115 60.0 44.0 132.0
 150 157.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.470 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032617.D
 Acq: 07 Nov 2022 11:18

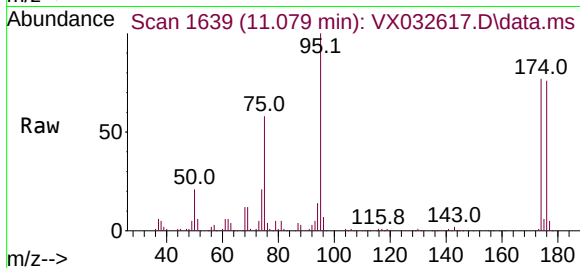
Tgt Ion: 75 Resp: 49205
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#



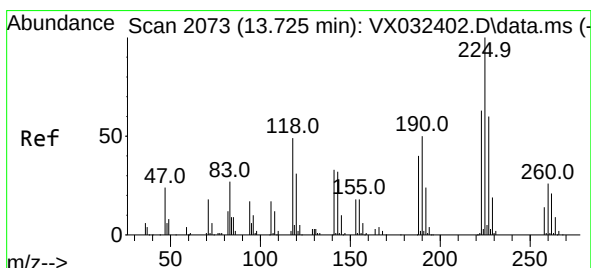
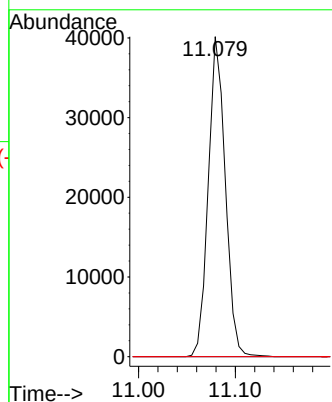
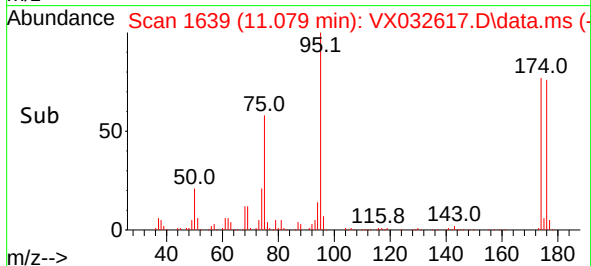


#81
trans-1,4-Dichloro-2-butene
Concen: 87.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18

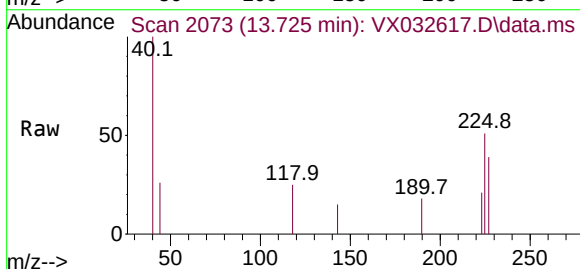
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 49205
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.285 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032617.D
Acq: 07 Nov 2022 11:18



Tgt Ion: 225 Resp: 226
Ion Ratio Lower Upper
225 100
223 42.5 31.9 95.9
227 70.4 31.9 95.5

