

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037510.D
 Acq On : 05 Sep 2023 14:19
 Operator : JC/MD
 Sample : 04266-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-26.5-083123

Quant Time: Sep 06 02:54:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

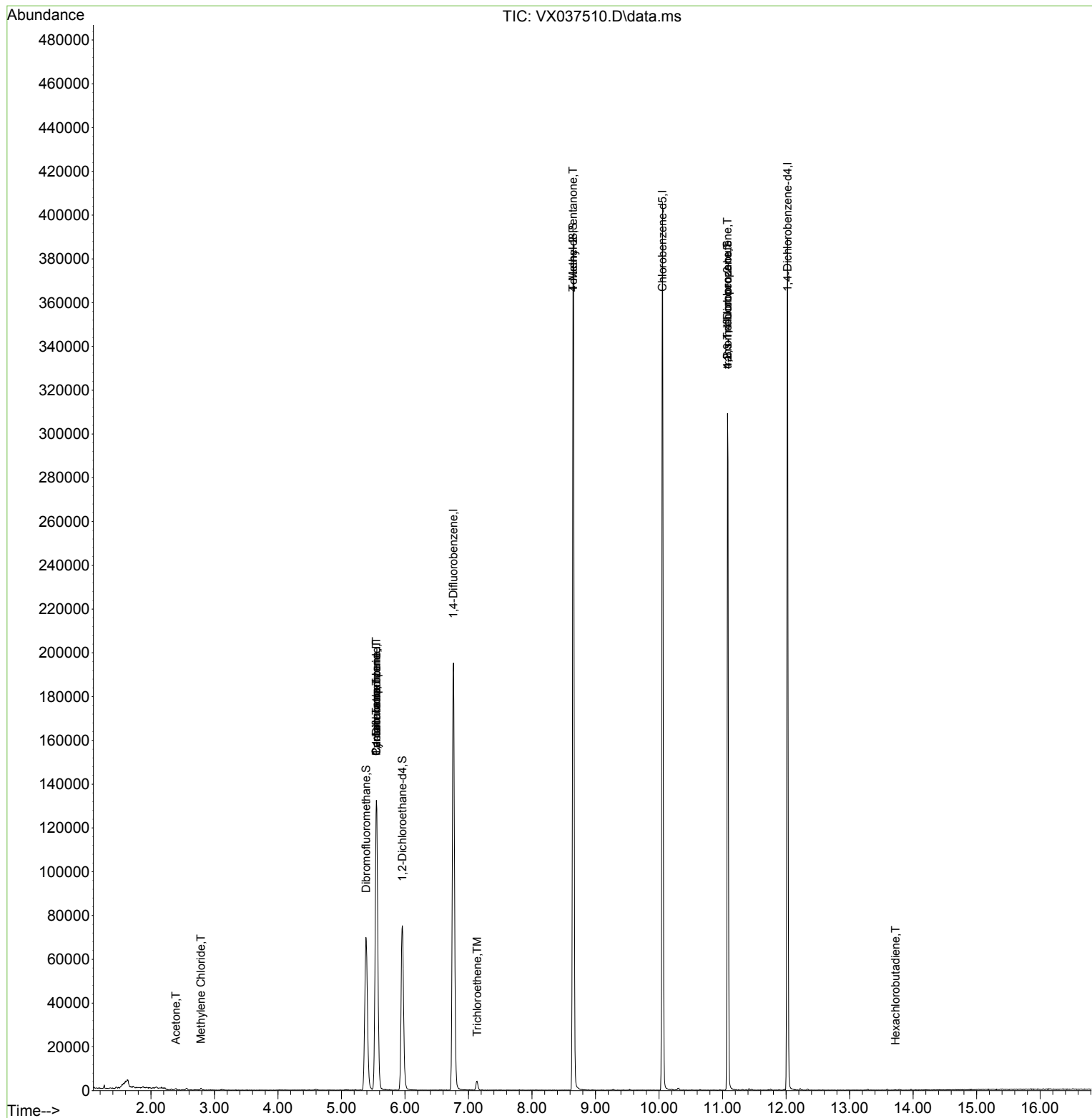
Internal Standards						
1) Pentafluorobenzene	5.550	168	128929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74785	40.234	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.460%		
35) Dibromofluoromethane	5.385	113	64213	45.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.500%		
50) Toluene-d8	8.647	98	248722	48.320	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	89855	44.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.840%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	768	1.056	ug/l #	72
20) Methylene Chloride	2.788	84	391	0.240	ug/l #	72
31) Cyclohexane	5.550	56	2388	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9469	4.697	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13155	6.007	ug/l #	16
44) Trichloroethene	7.135	130	1879	1.146	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	874	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42794	24.066	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42794	67.217	ug/l #	5
94) Hexachlorobutadiene	13.725	225	129	0.210	ug/l #	18

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

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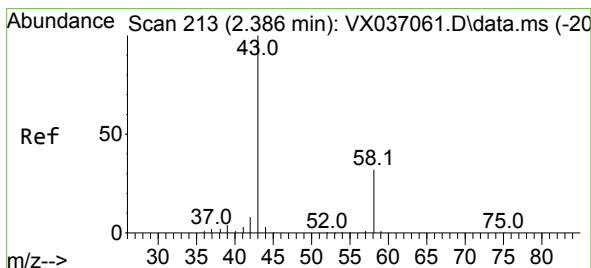
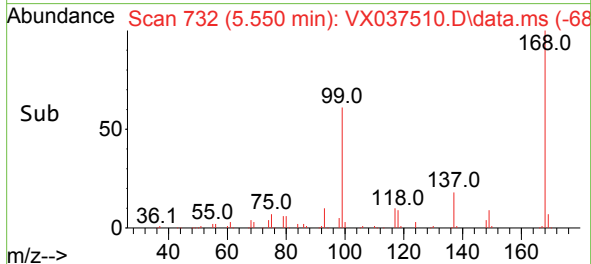
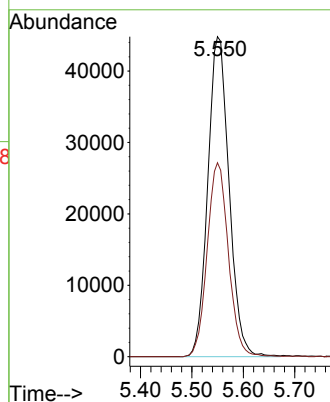
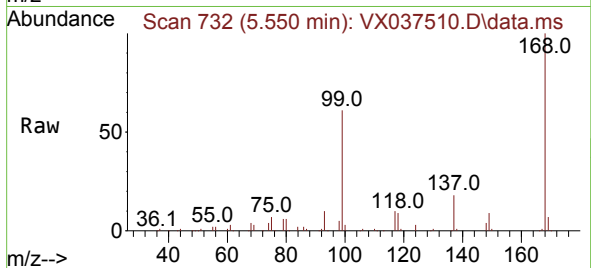




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

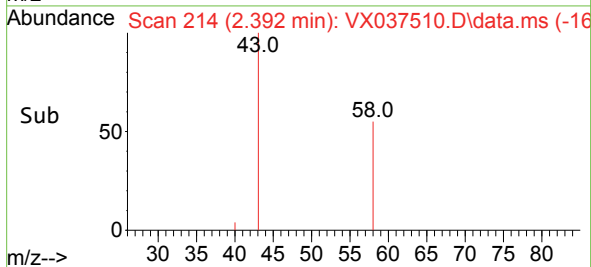
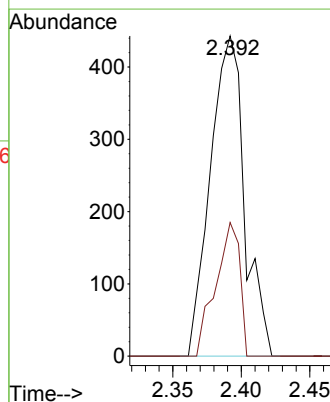
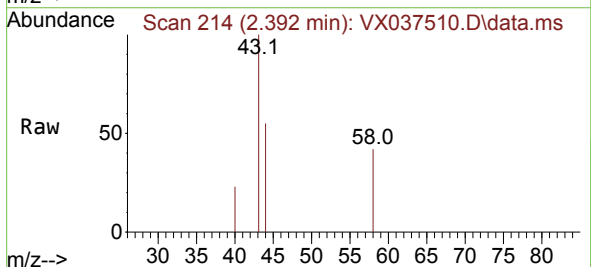
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123

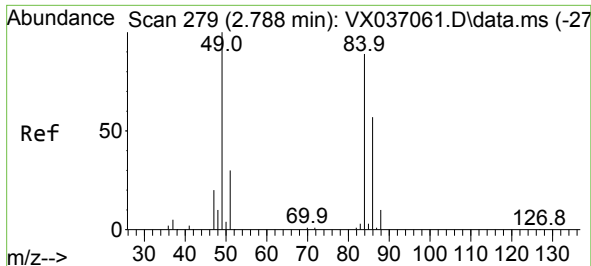
Tgt Ion:168 Resp: 128929
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#16
Acetone
Concen: 1.056 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
58 41.8 21.9 32.9#





#20

Methylene Chloride

Concen: 0.240 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037510.D

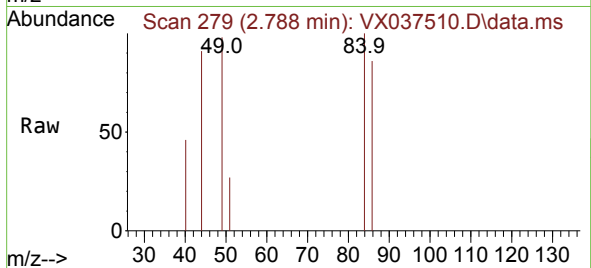
Acq: 05 Sep 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

OW-04B-26.5-083123



Tgt Ion: 84 Resp: 391

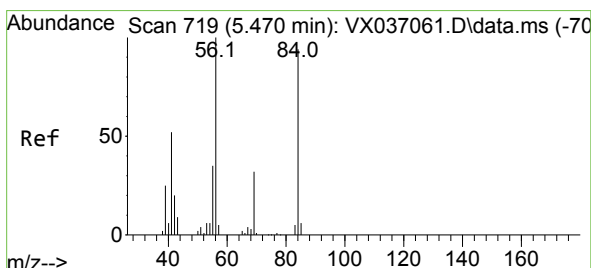
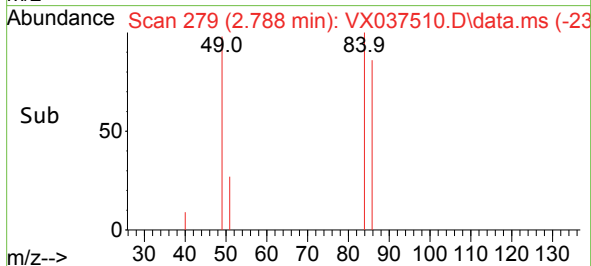
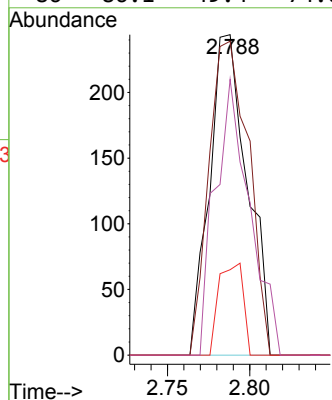
Ion Ratio Lower Upper

84 100

49 98.0 103.6 155.4#

51 26.6 33.8 50.6#

86 86.1 49.4 74.0#



#31

Cyclohexane

Concen: 1.143 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037510.D

Acq: 05 Sep 2023 14:19

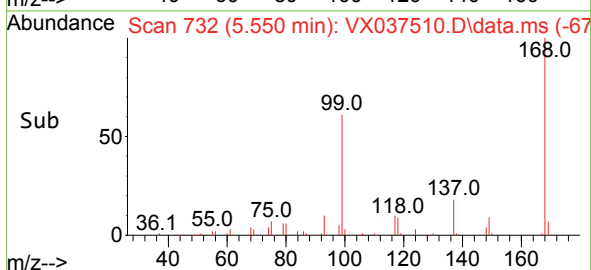
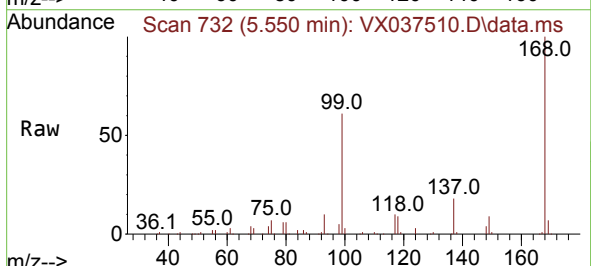
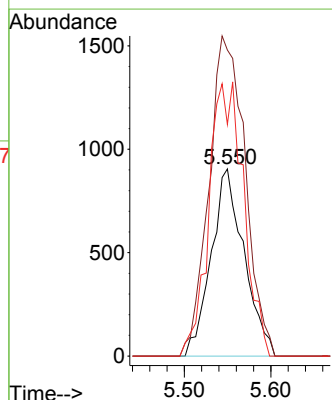
Tgt Ion: 56 Resp: 2388

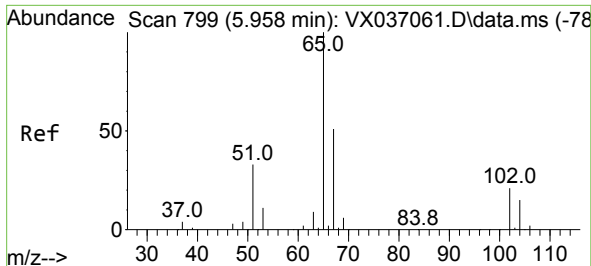
Ion Ratio Lower Upper

56 100

69 163.5 23.4 35.2#

84 123.8 65.9 98.9#

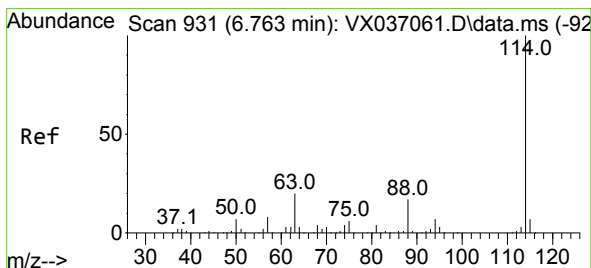
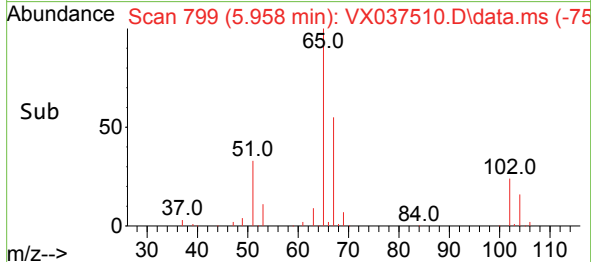
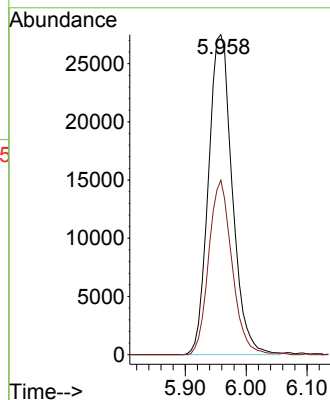
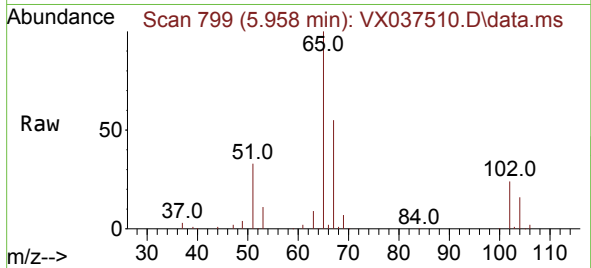




#33
 1,2-Dichloroethane-d4
 Concen: 40.234 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037510.D
 Acq: 05 Sep 2023 14:19

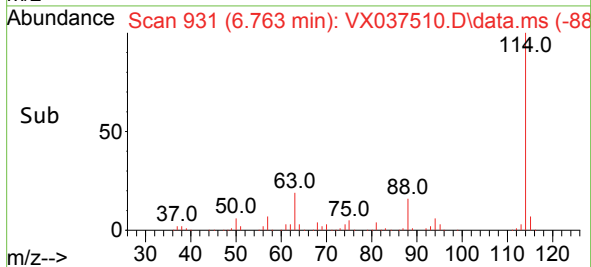
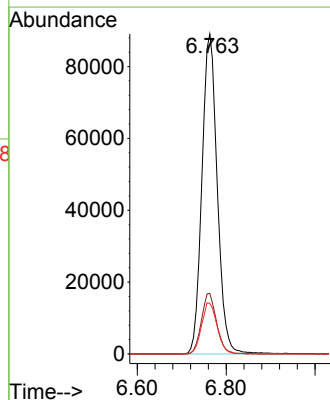
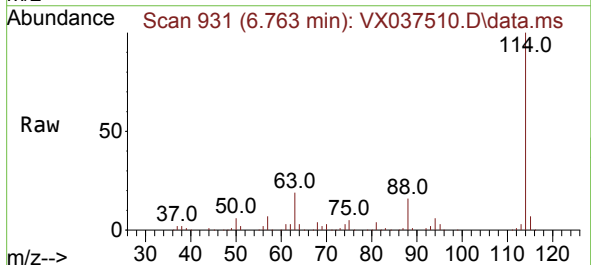
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-26.5-083123

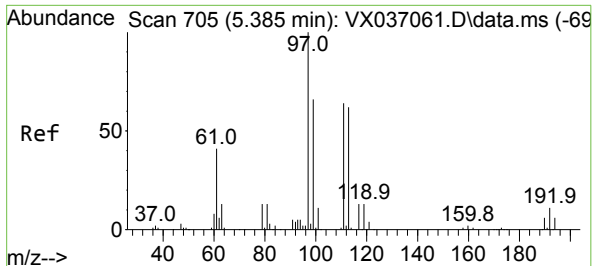
Tgt Ion: 65 Resp: 74785
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037510.D
 Acq: 05 Sep 2023 14:19

Tgt Ion: 114 Resp: 214269
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 15.8 0.0 36.6

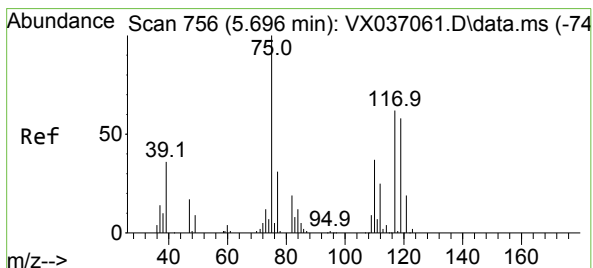
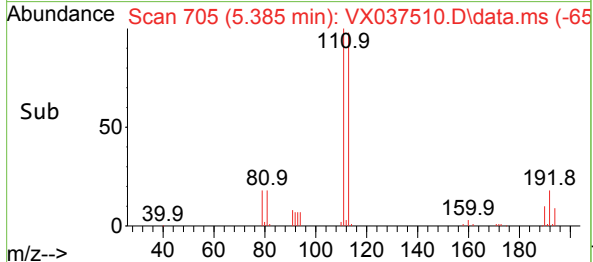
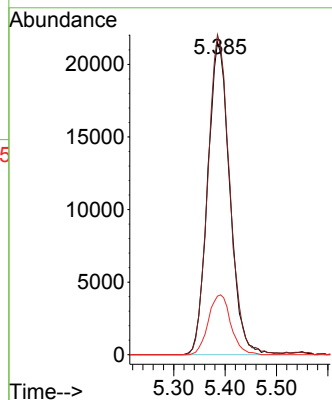
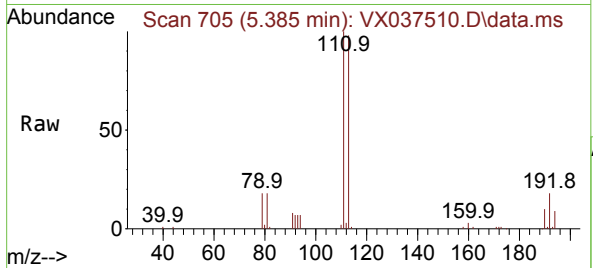




#35
Dibromofluoromethane
Concen: 45.251 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

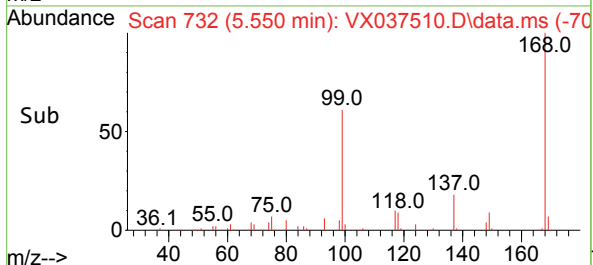
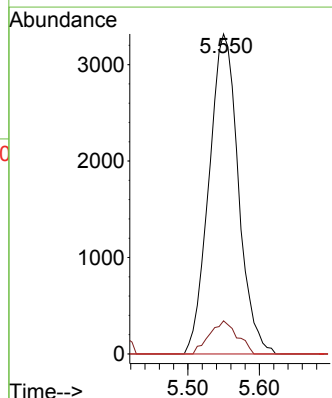
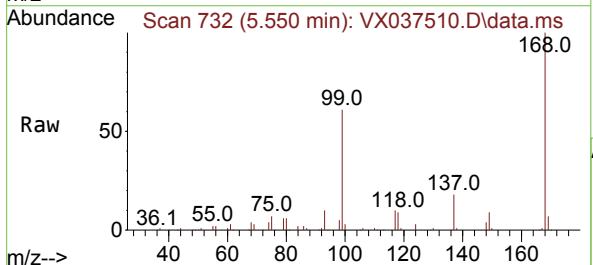
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123

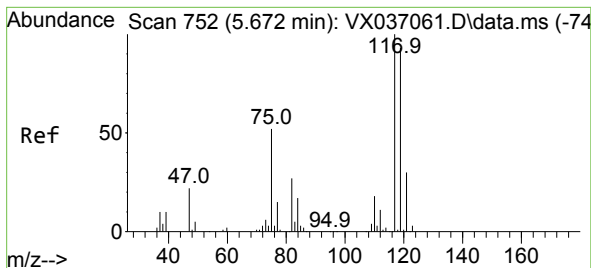
Tgt Ion:113 Resp: 64213
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 19.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

Tgt Ion: 75 Resp: 9469
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.007 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037510.D

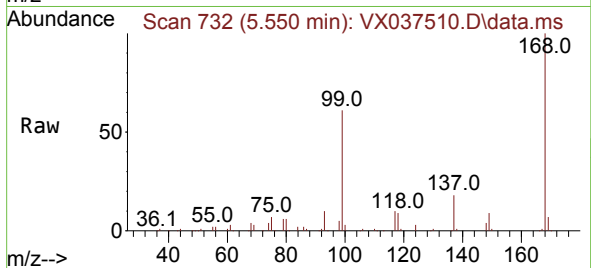
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Instrument :

MSVOA_X

ClientSampleId :

OW-04B-26.5-083123



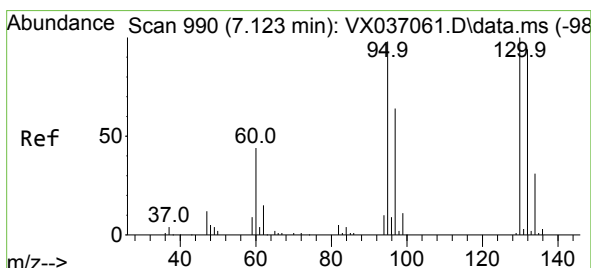
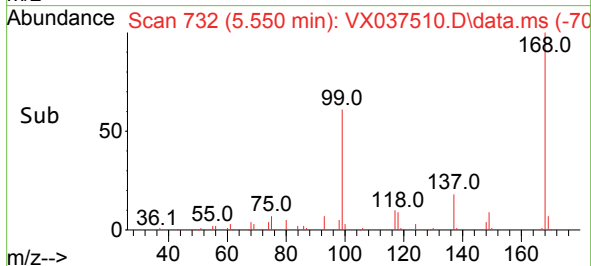
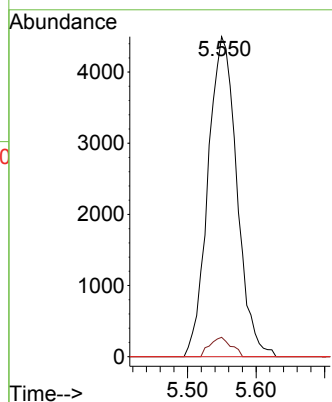
Tgt Ion:117 Resp: 13155

Ion Ratio Lower Upper

117 100

119 6.0 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 1.146 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX037510.D

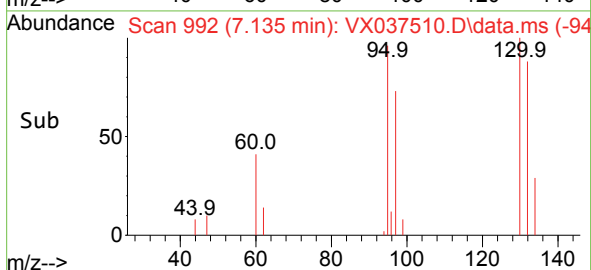
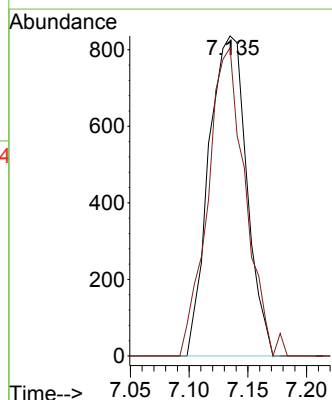
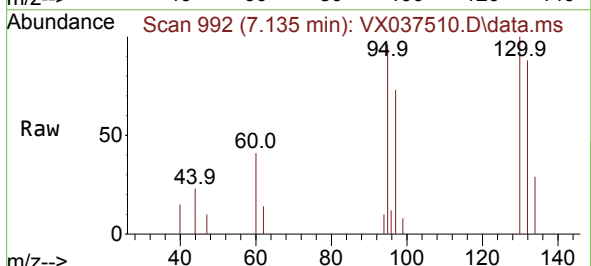
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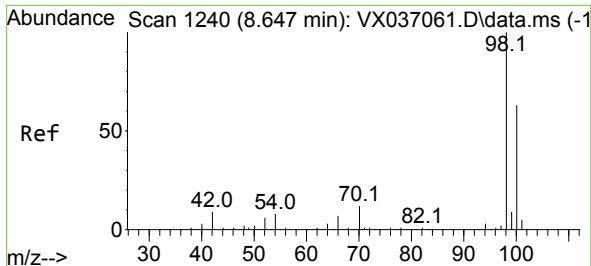
Tgt Ion:130 Resp: 1879

Ion Ratio Lower Upper

130 100

95 96.3 0.0 204.4

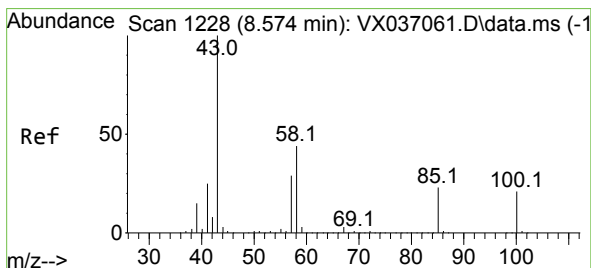
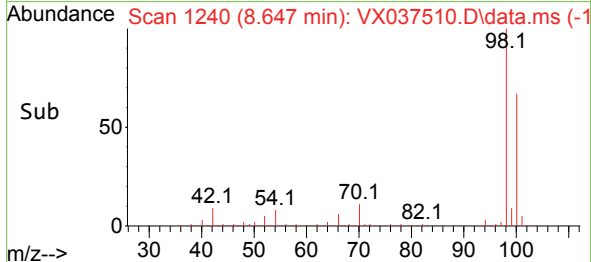
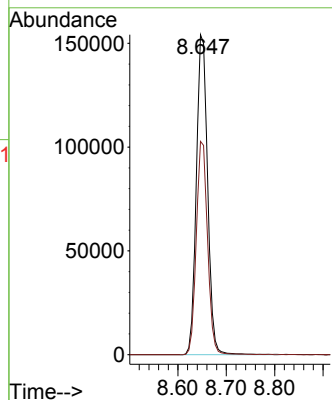
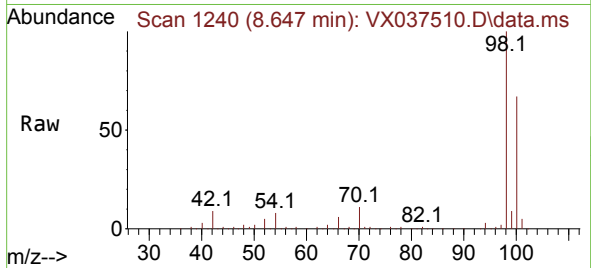




#50
Toluene-d8
Concen: 48.320 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

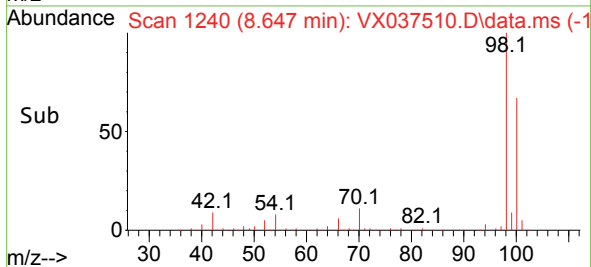
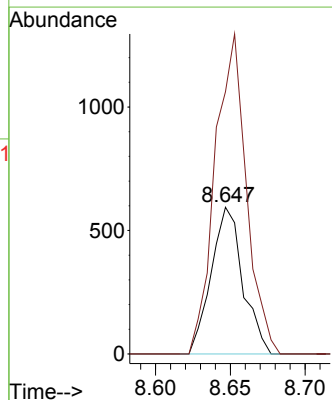
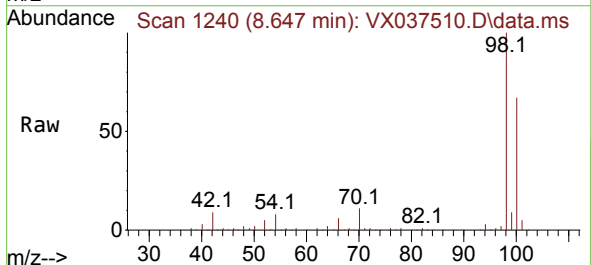
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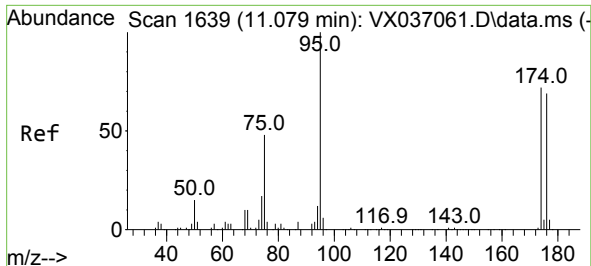
Tgt Ion: 98 Resp: 248722
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 216.2 30.4 45.6#

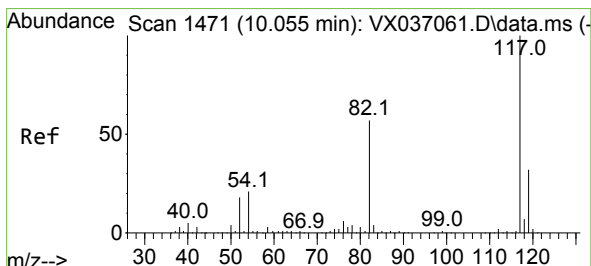
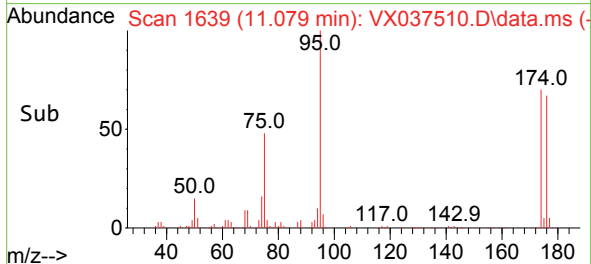
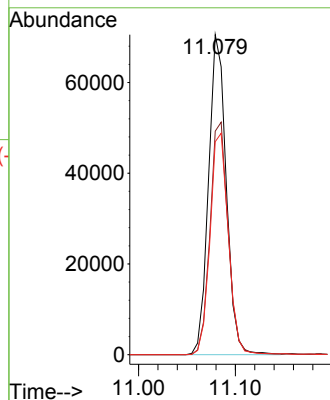
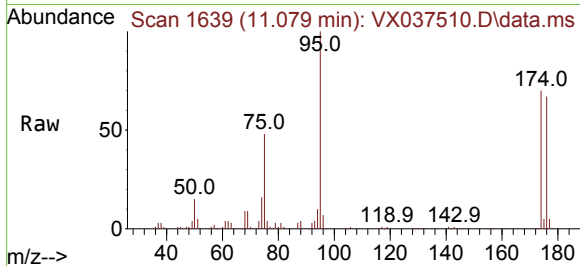




#62
4-Bromofluorobenzene
Concen: 44.419 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

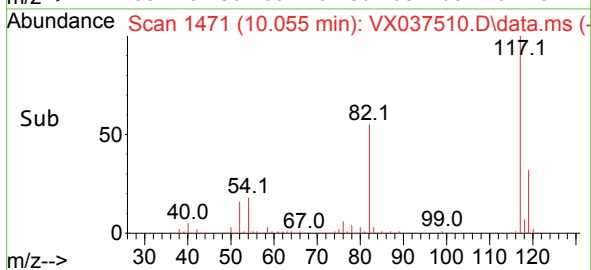
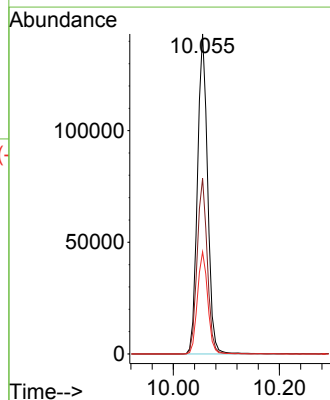
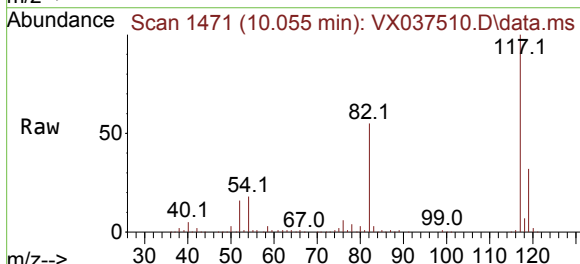
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123

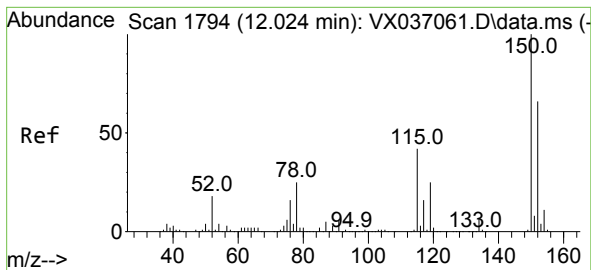
Tgt Ion: 95 Resp: 89855
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 71.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

Tgt Ion: 117 Resp: 190276
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.9 25.5 38.3

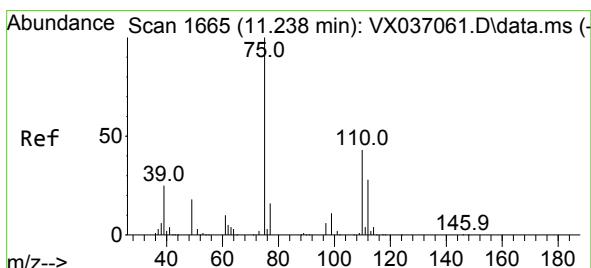
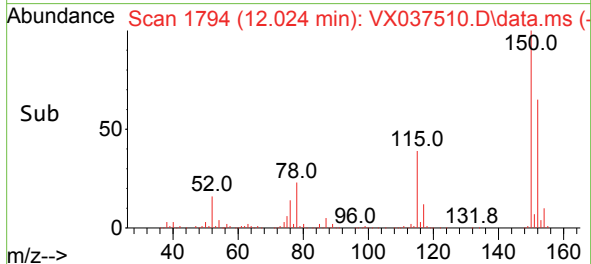
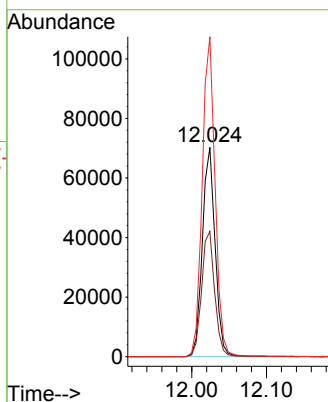
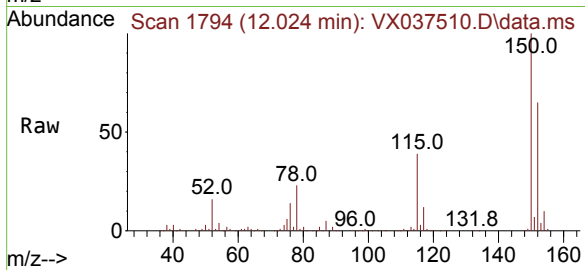




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037510.D
 Acq: 05 Sep 2023 14:19

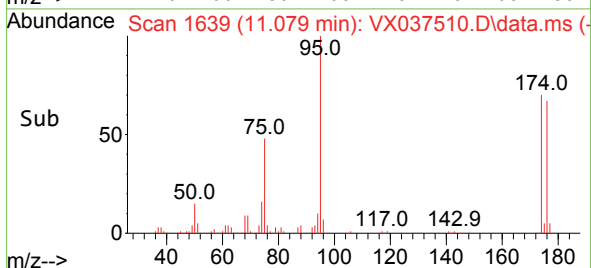
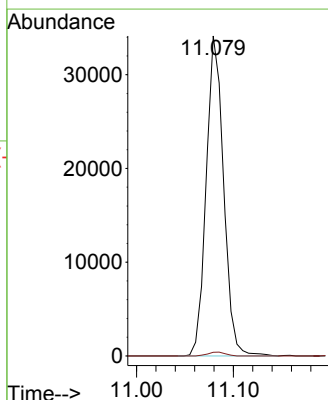
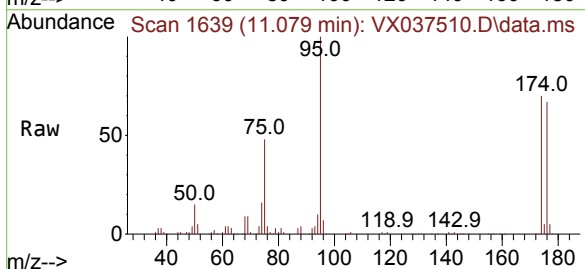
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-26.5-083123

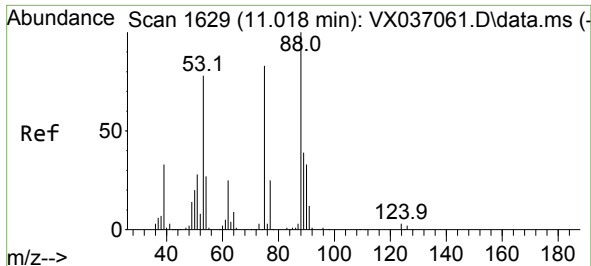
Tgt Ion:152 Resp: 83497
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.3 129.9
 150 153.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.066 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037510.D
 Acq: 05 Sep 2023 14:19

Tgt Ion: 75 Resp: 42794
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

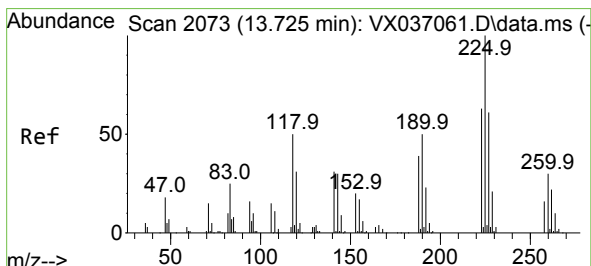
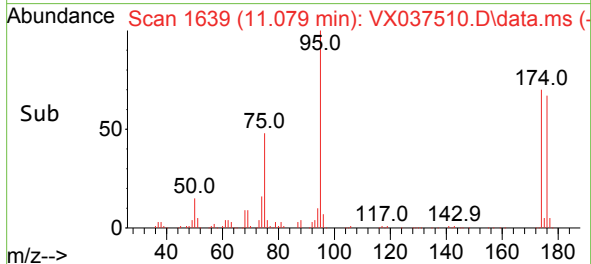
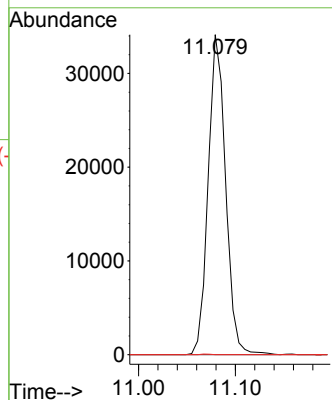
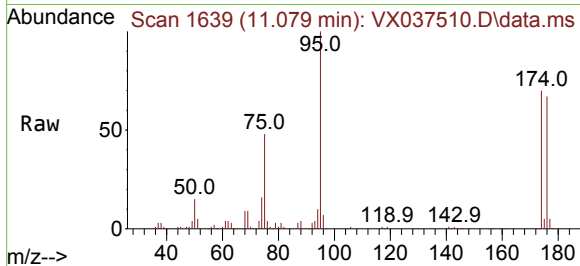




#81
trans-1,4-Dichloro-2-butene
Concen: 67.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123

Tgt Ion: 75 Resp: 42794
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.210 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037510.D
Acq: 05 Sep 2023 14:19

Tgt Ion: 225 Resp: 129
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 32.5 97.5#

