

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032359.D
 Acq On : 25 Oct 2022 13:16
 Operator : JC/MD
 Sample : N5222-21RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Oct 27 14:16:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

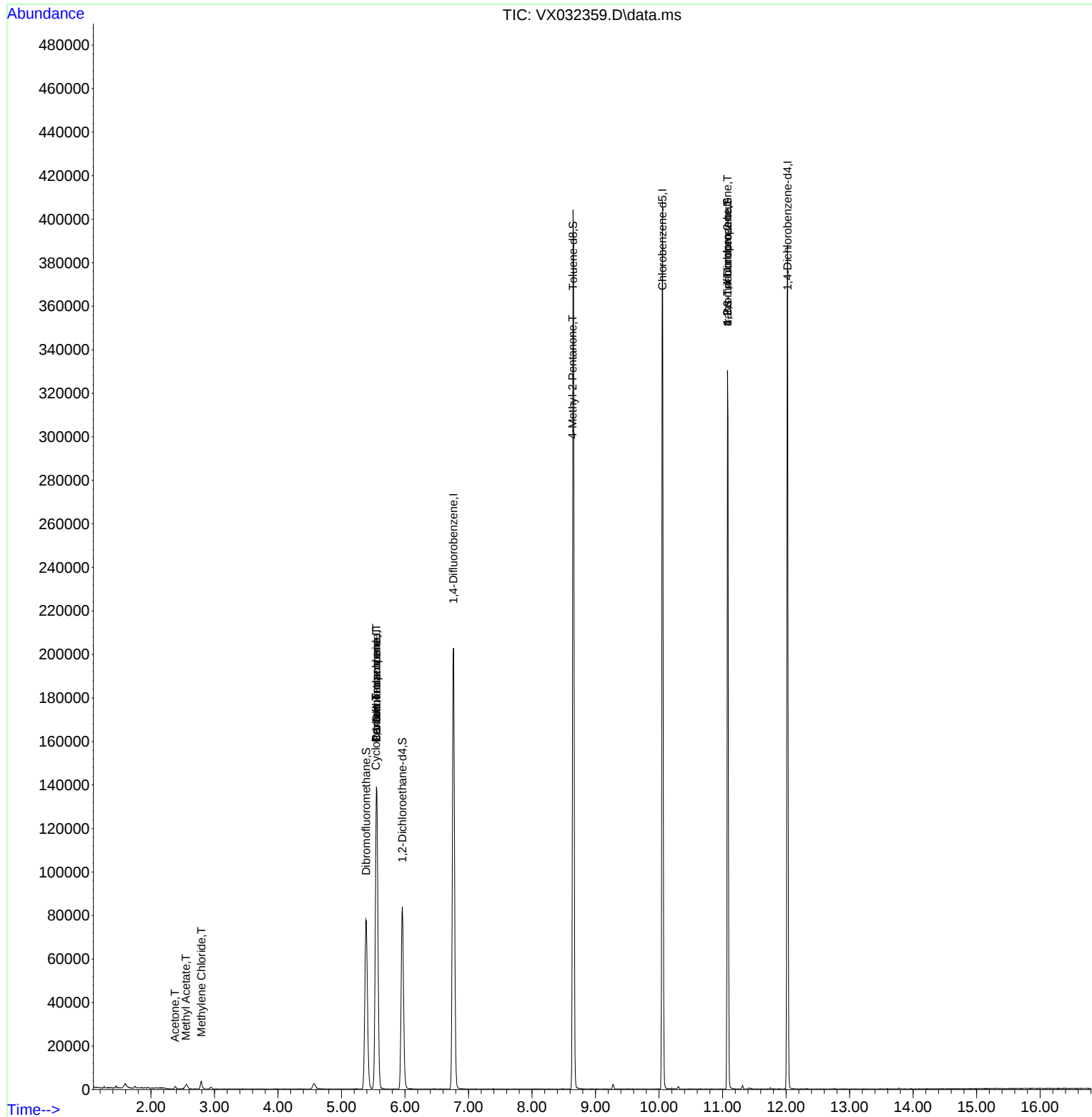
Internal Standards						
1) Pentafluorobenzene	5.550	168	132974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82381	47.623	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.240%
35) Dibromofluoromethane	5.385	113	66169	45.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	240447	46.268	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.540%
62) 4-Bromofluorobenzene	11.079	95	81349	42.748	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	675	Below Cal	#	74
16) Acetone	2.380	43	1340	2.387	ug/l	96
18) Methyl Acetate	2.550	43	930	0.488	ug/l #	50
20) Methylene Chloride	2.794	84	1869	1.297	ug/l #	90
31) Cyclohexane	5.544	56	2817	1.424	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	10410	5.606	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13799	7.039	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1143	0.639	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44657	28.340	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	44657	86.880	ug/l #	6

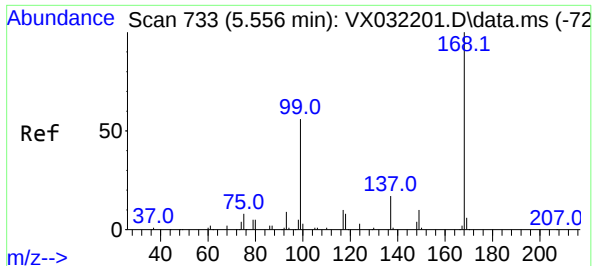
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
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FIELD-BLANK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

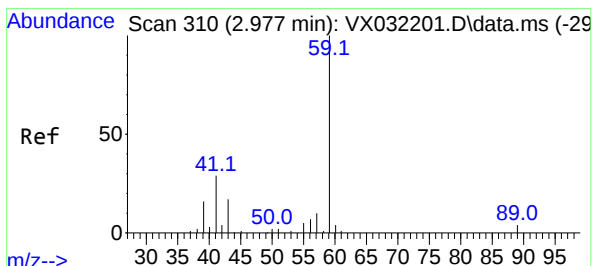
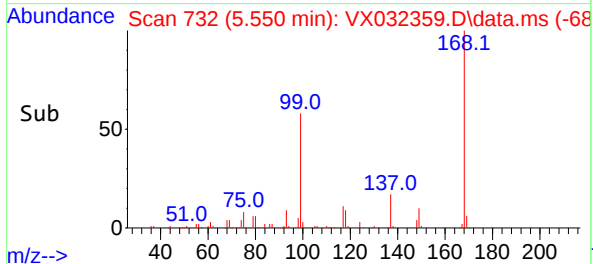
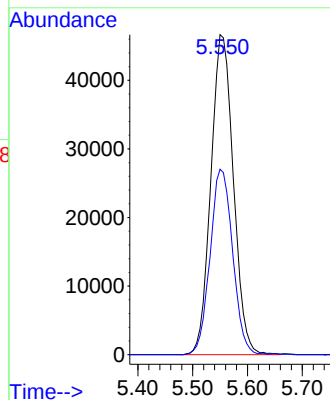
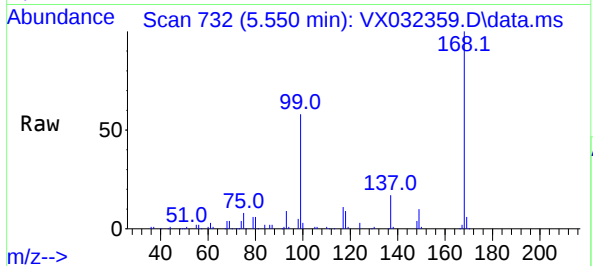




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

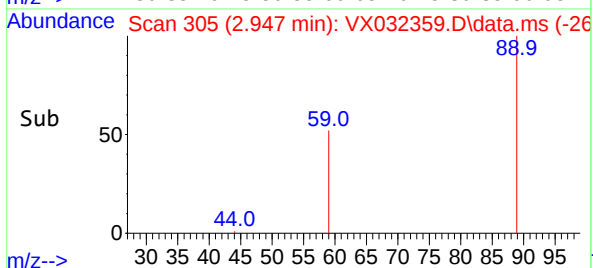
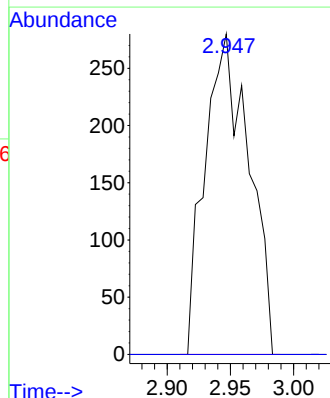
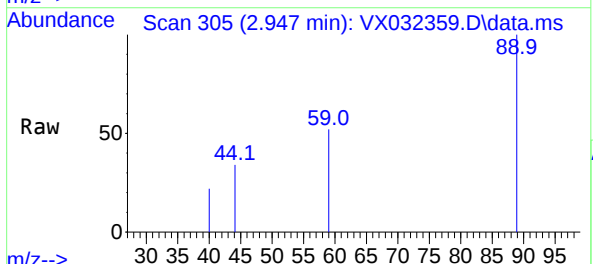
Instrument :
MSVOA_X
ClientSampleId :
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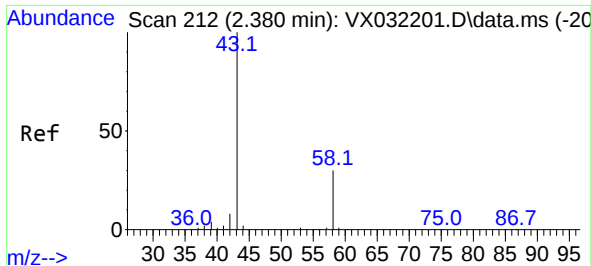
Tgt Ion:168 Resp: 132974
Ion Ratio Lower Upper
168 100
99 58.0 44.8 67.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

Tgt Ion: 59 Resp: 675
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

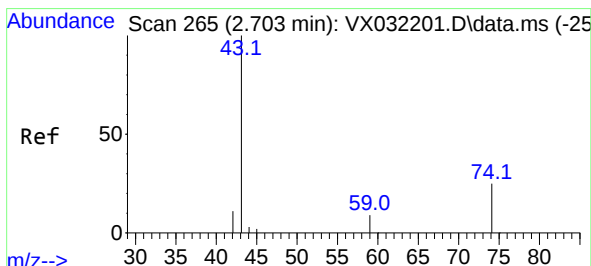
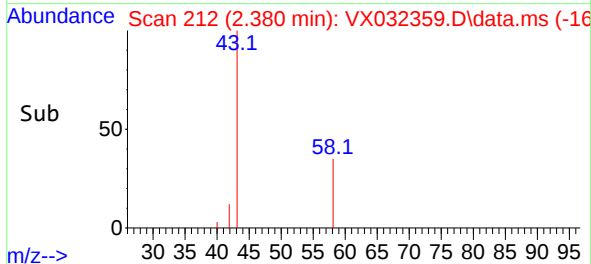
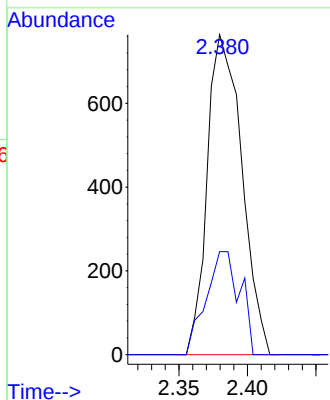
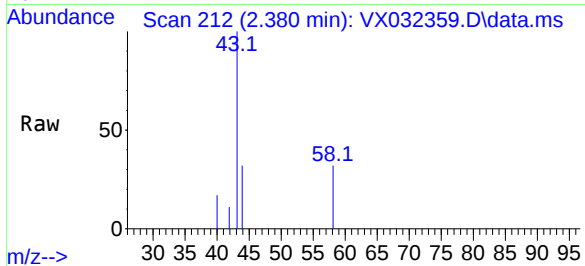




#16
Acetone
Concen: 2.387 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

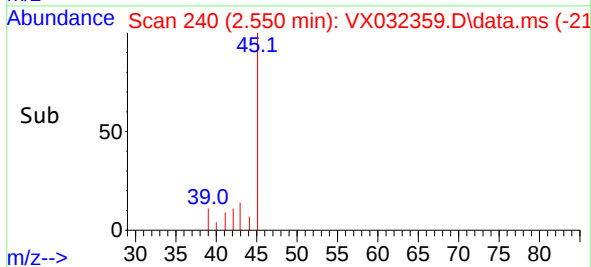
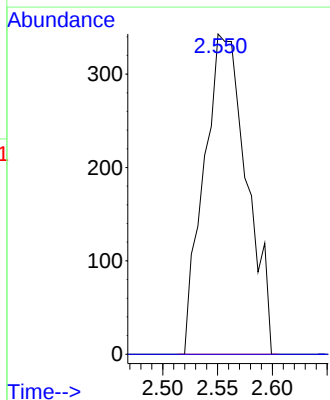
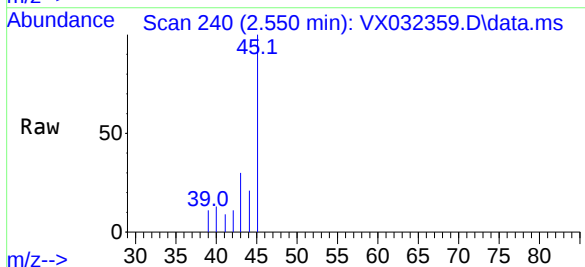
Instrument :
MSVOA_X
ClientSampleId :
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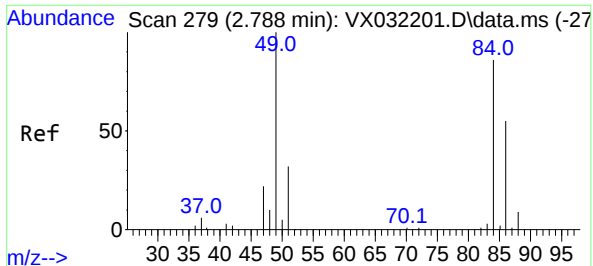
Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.2



#18
Methyl Acetate
Concen: 0.488 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.153 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#





#20

Methylene Chloride

Concen: 1.297 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032359.D

Acq: 25 Oct 2022 13:16

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

Tgt Ion: 84 Resp: 1869

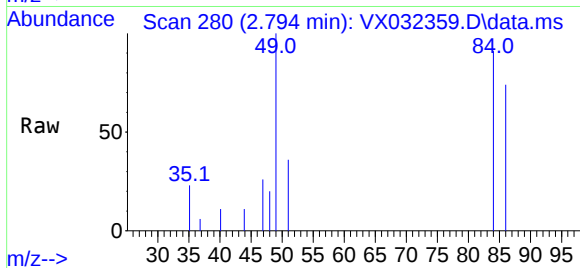
Ion Ratio Lower Upper

84 100

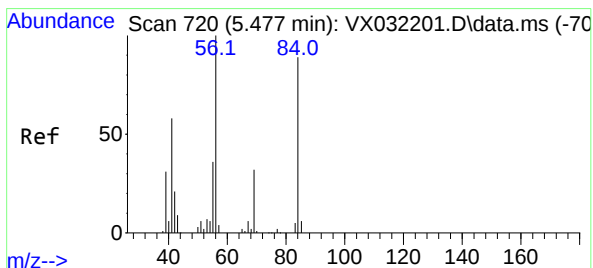
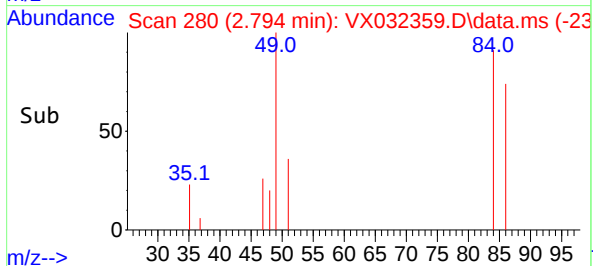
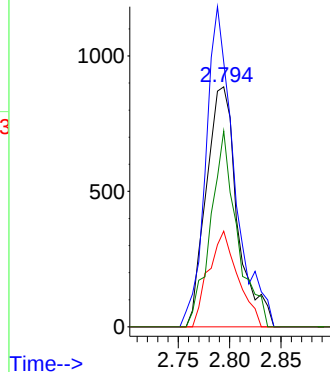
49 110.4 92.6 139.0

51 39.8 29.2 43.8

86 81.6 51.4 77.0#



Abundance



#31

Cyclohexane

Concen: 1.424 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX032359.D

Acq: 25 Oct 2022 13:16

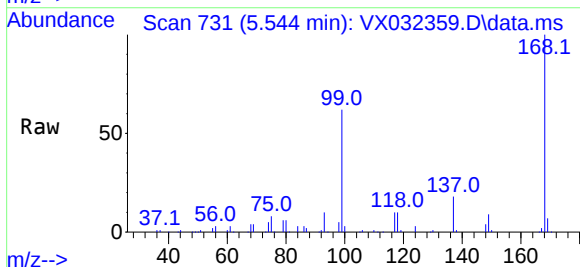
Tgt Ion: 56 Resp: 2817

Ion Ratio Lower Upper

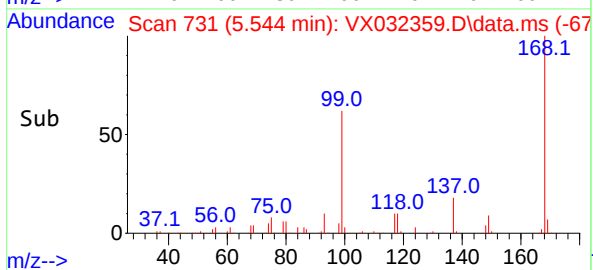
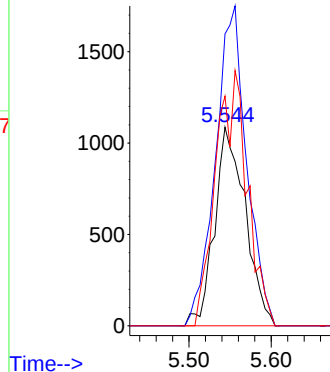
56 100

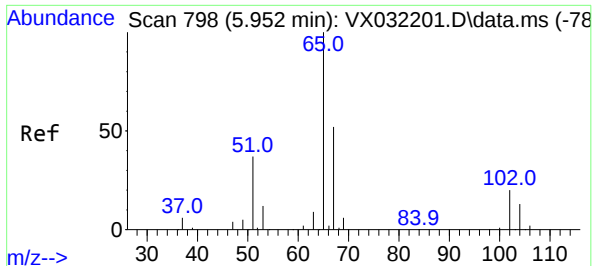
69 146.9 25.4 38.0#

84 115.5 71.2 106.8#



Abundance

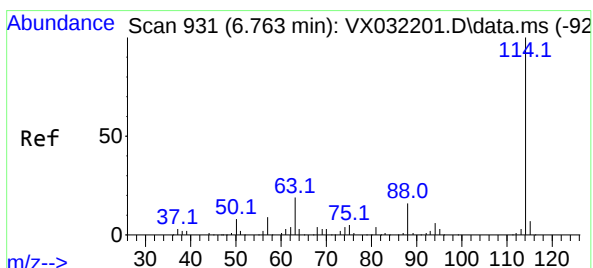
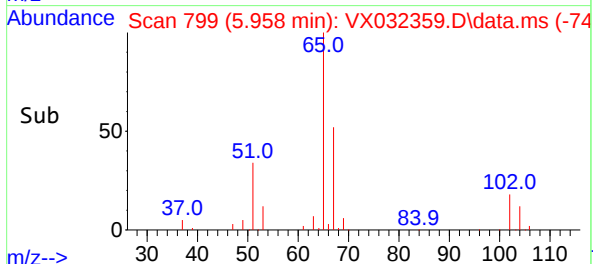
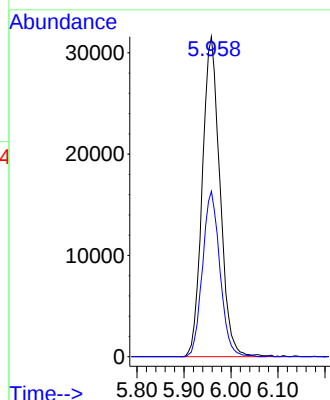
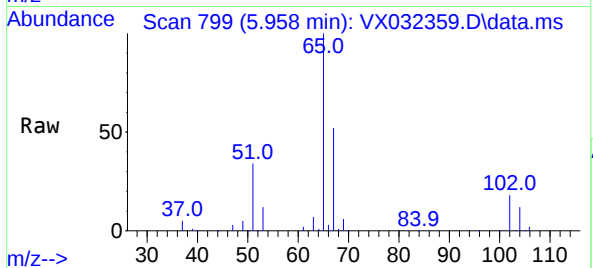




#33
1,2-Dichloroethane-d4
Concen: 47.623 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

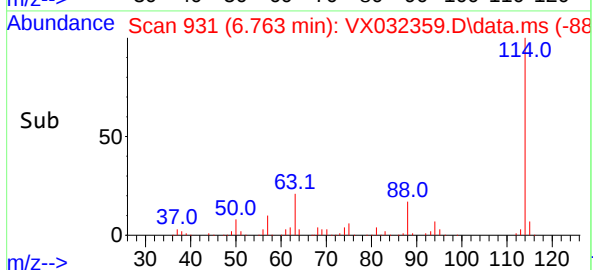
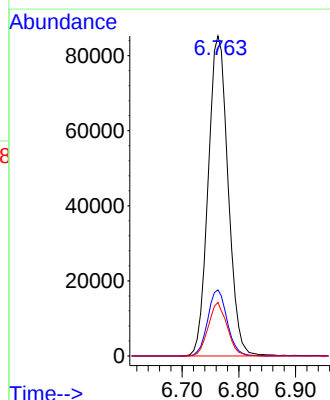
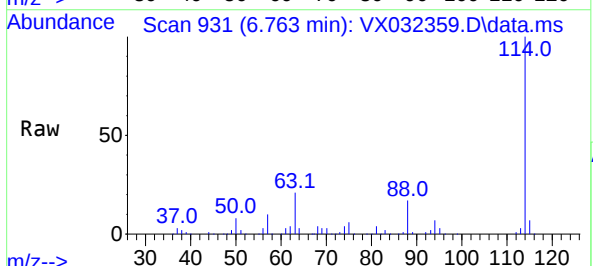
Instrument :
MSVOA_X
ClientSampleId :
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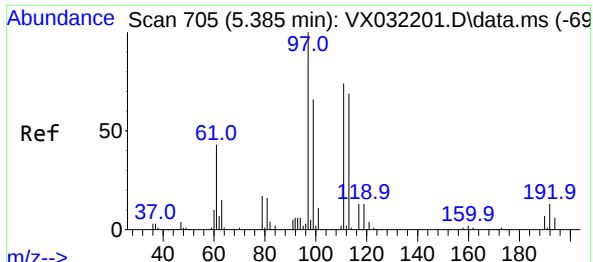
Tgt Ion: 65 Resp: 82381
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

Tgt Ion: 114 Resp: 207465
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 16.8 0.0 32.6

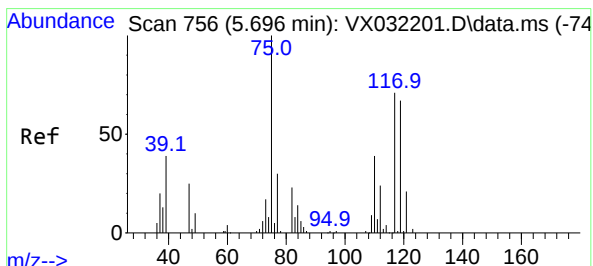
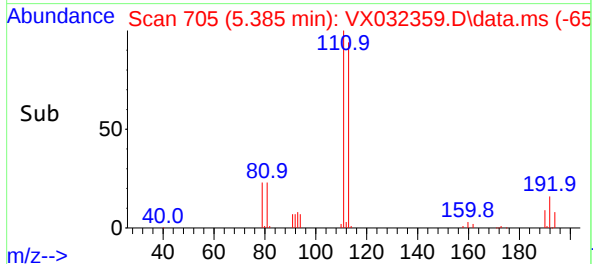
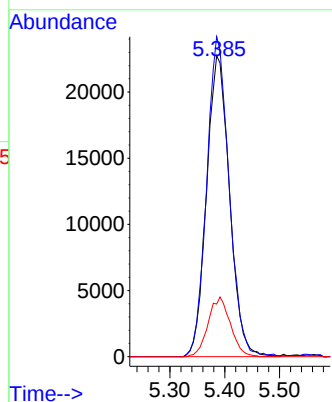
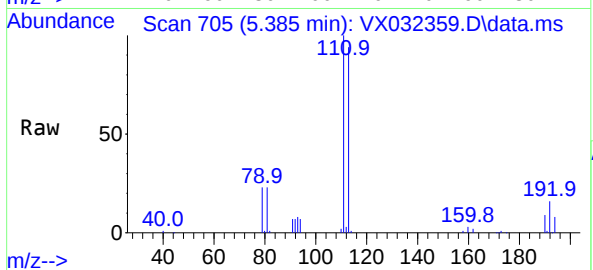




#35
Dibromofluoromethane
Concen: 45.834 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

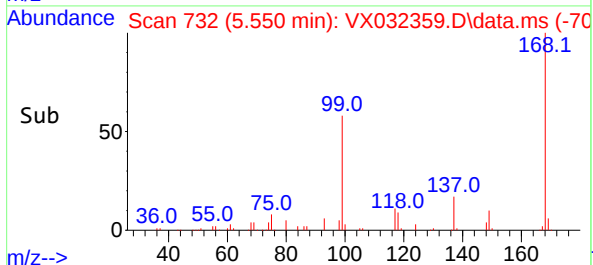
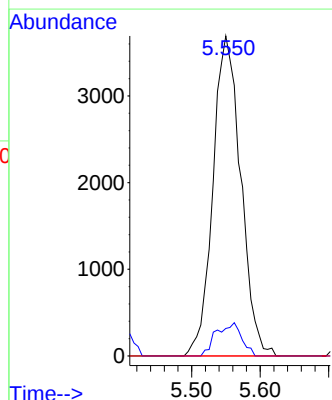
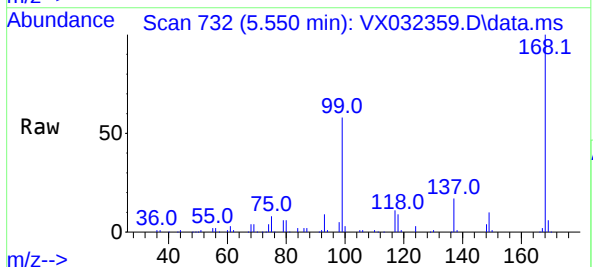
Instrument :
MSVOA_X
ClientSampleId :
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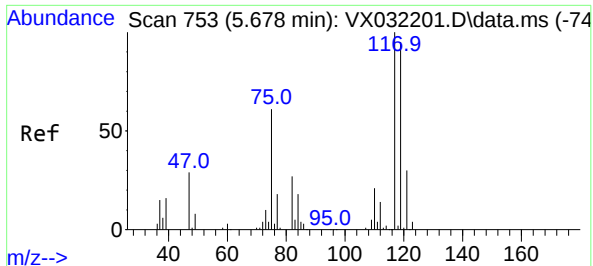
Tgt Ion:113 Resp: 66169
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 19.2 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.606 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

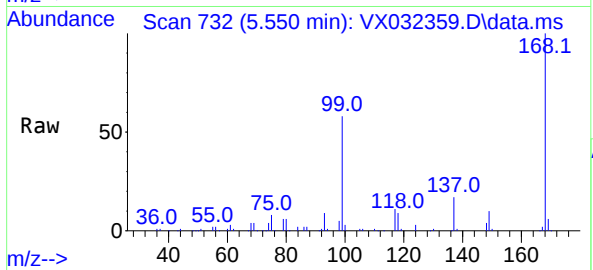
Tgt Ion: 75 Resp: 10410
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.0#
77 0.0 24.7 37.1#



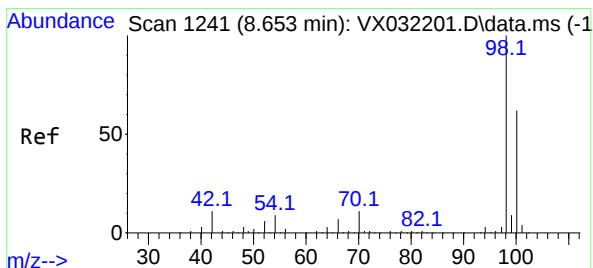
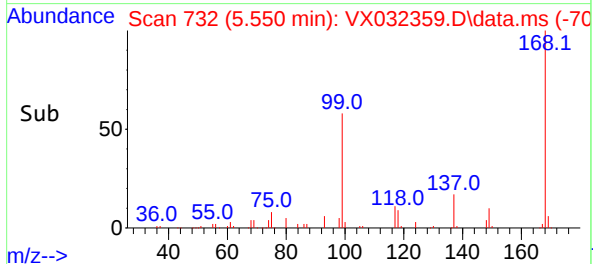
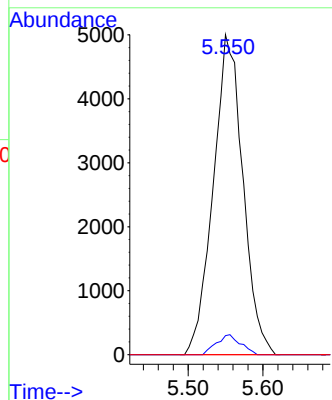


#38
Carbon Tetrachloride
Concen: 7.039 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

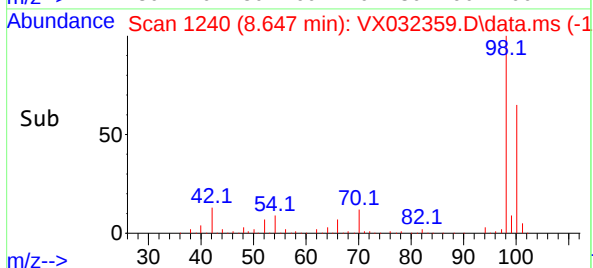
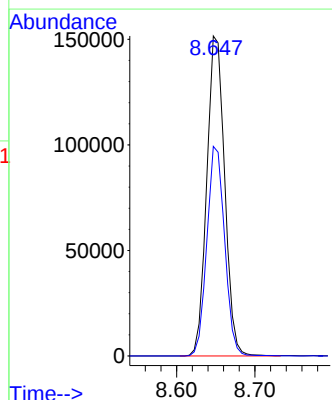
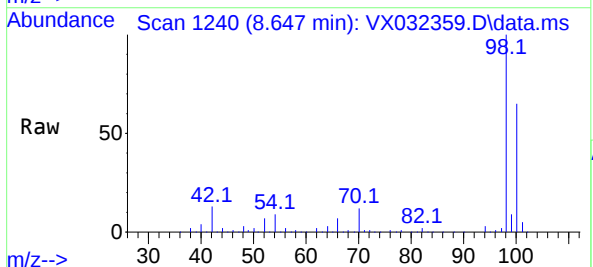


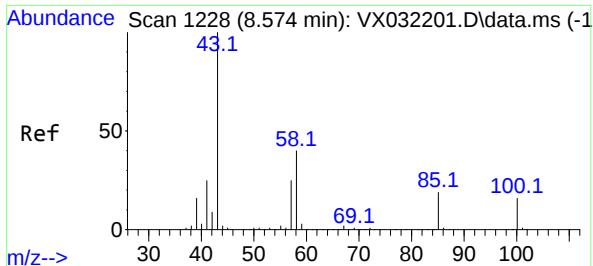
Tgt Ion:117 Resp: 13799
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 46.268 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

Tgt Ion: 98 Resp: 240447
Ion Ratio Lower Upper
98 100
100 65.0 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.639 ug/l

RT: 8.641 min Scan# 1143

Delta R.T. 0.067 min

Lab File: VX032359.D

Acq: 25 Oct 2022 13:16

Instrument :

MSVOA_X

ClientSampleId :

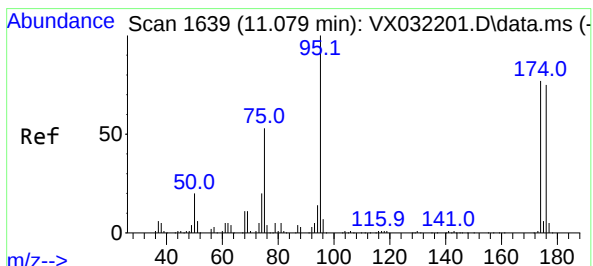
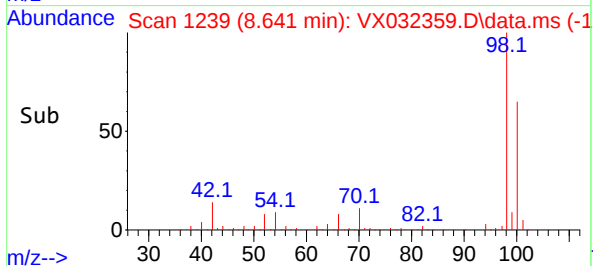
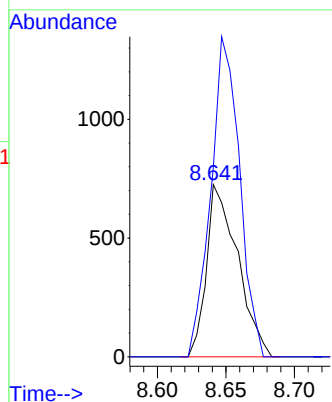
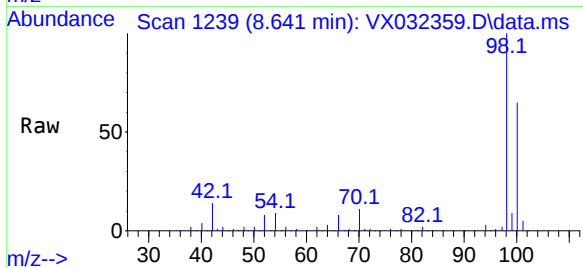
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Tgt Ion: 43 Resp: 1143

Ion Ratio Lower Upper

43 100

58 172.3 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 42.748 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032359.D

Acq: 25 Oct 2022 13:16

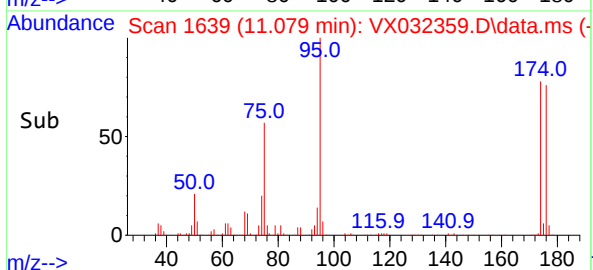
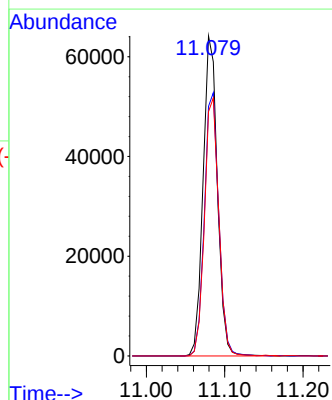
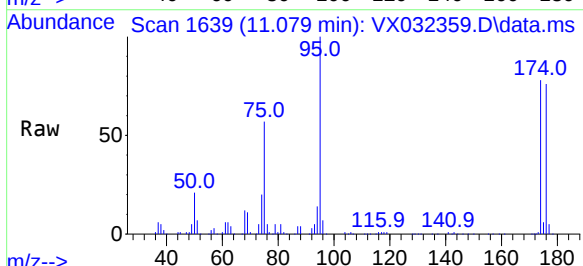
Tgt Ion: 95 Resp: 81349

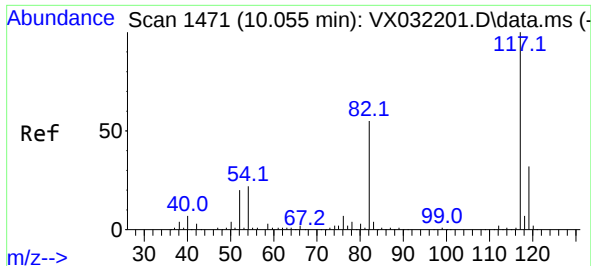
Ion Ratio Lower Upper

95 100

174 82.5 0.0 166.8

176 80.6 0.0 161.4

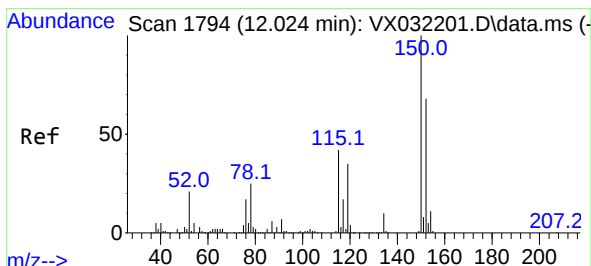
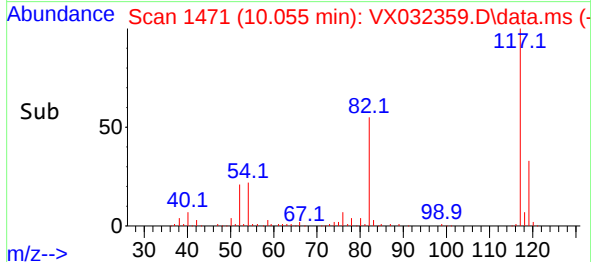
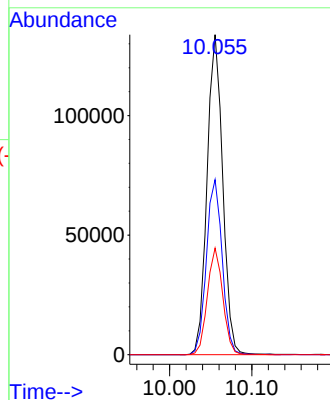
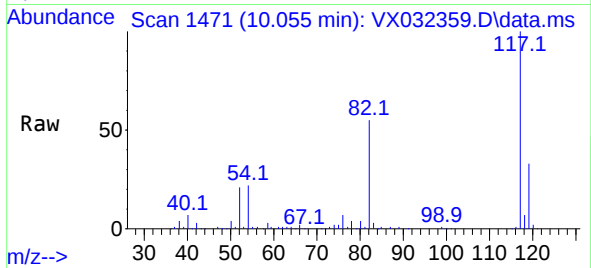




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

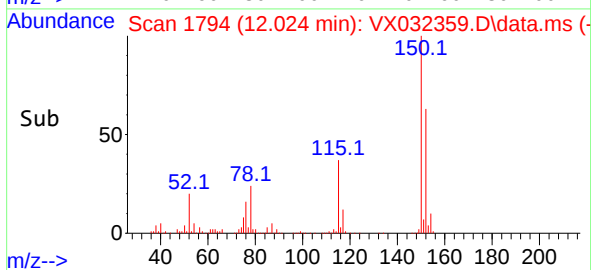
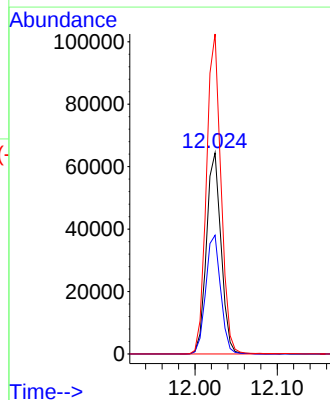
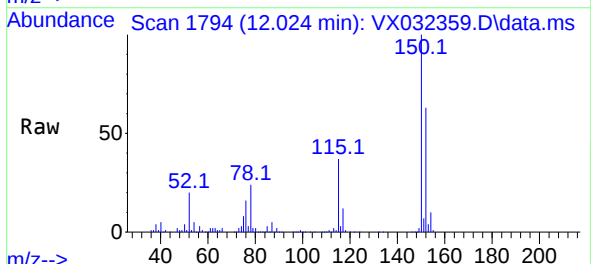
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

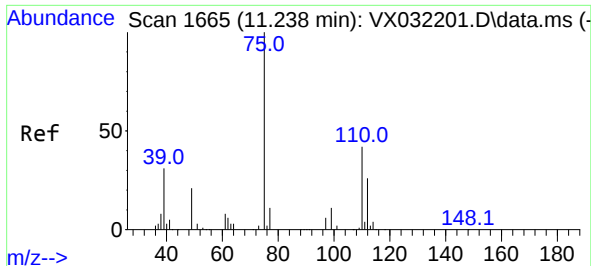
Tgt Ion:117 Resp: 176800
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.4
119 33.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

Tgt Ion:152 Resp: 79526
Ion Ratio Lower Upper
152 100
115 60.3 43.1 129.4
150 158.4 0.0 348.6

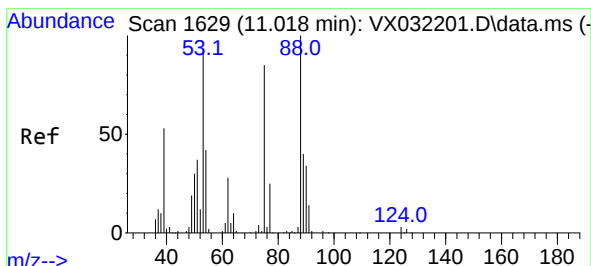
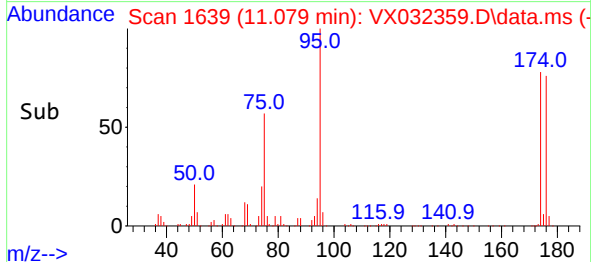
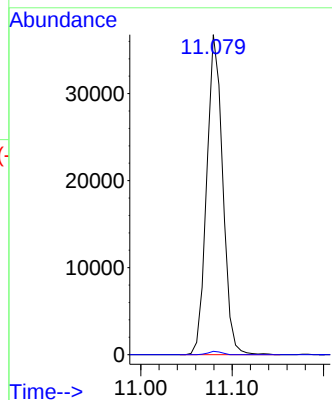
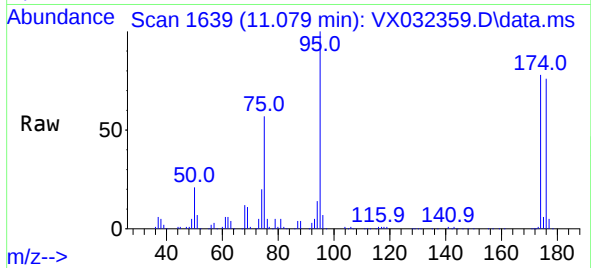




#76
1,2,3-Trichloropropane
Concen: 28.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 44657
Ion Ratio Lower Upper
75 100
77 0.9 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032359.D
Acq: 25 Oct 2022 13:16

Tgt Ion: 75 Resp: 44657
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.1 37.8 56.8#

