

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036826.D
 Acq On : 07 Aug 2023 10:13
 Operator : JC/MD
 Sample : VX0807WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

Quant Time: Aug 08 01:29:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

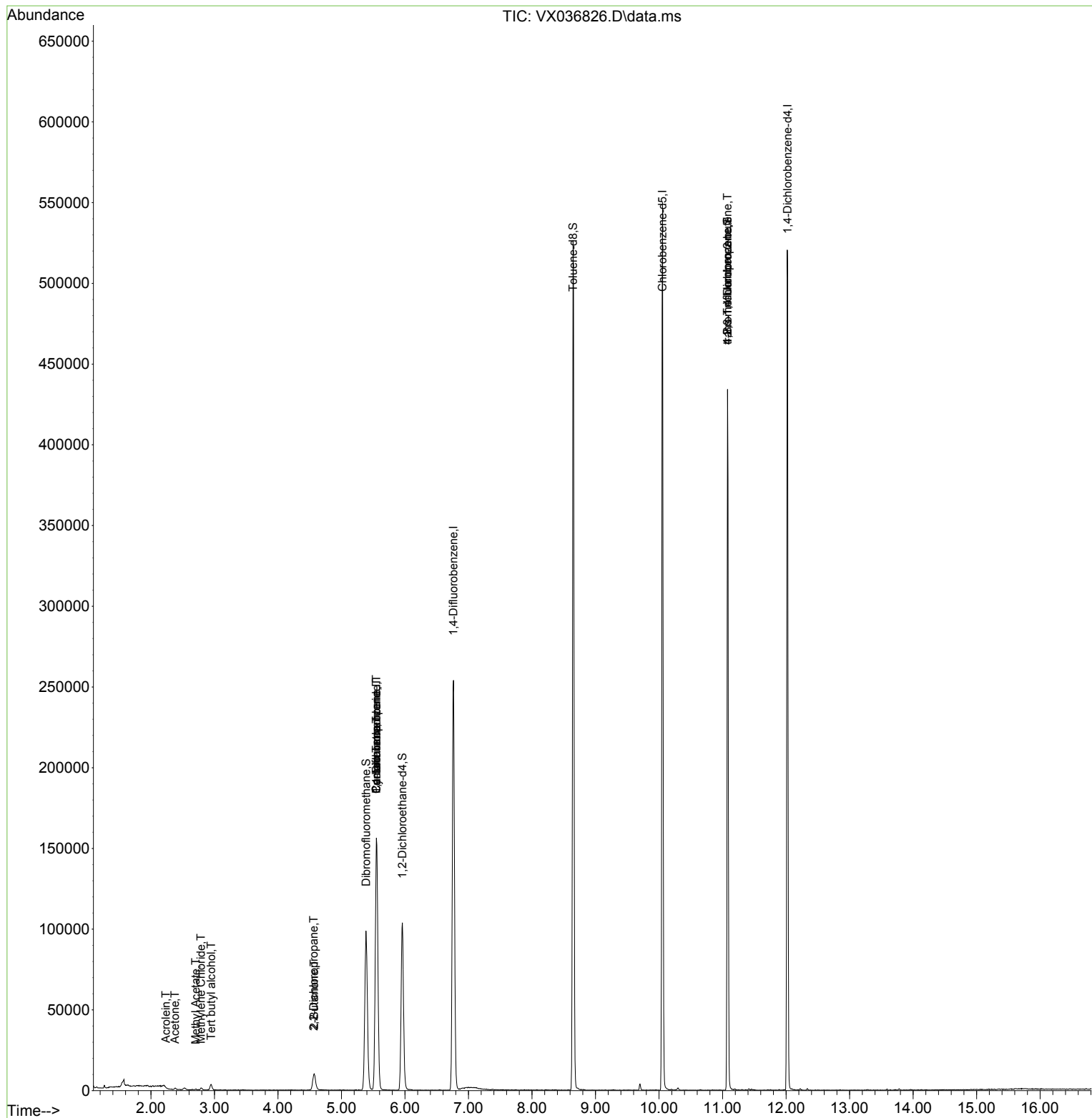
Internal Standards						
1) Pentafluorobenzene	5.550	168	143953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101053	47.443	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.880%		
35) Dibromofluoromethane	5.385	113	85567	47.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.280%		
50) Toluene-d8	8.647	98	314148	48.798	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.600%		
62) 4-Bromofluorobenzene	11.079	95	117793	48.498	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.000%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	2035	4.036	ug/l #	78
13) Acrolein	2.233	56	284	0.987	ug/l	96
16) Acetone	2.380	43	960	1.086	ug/l	93
18) Methyl Acetate	2.703	43	882	0.237	ug/l #	65
20) Methylene Chloride	2.788	84	642	0.327	ug/l #	80
25) 2-Butanone	4.568	43	571	0.398	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	837	0.263	ug/l #	54
31) Cyclohexane	5.550	56	3206	1.087	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11939	4.412	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15107	5.252	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	61887	24.536	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61887	55.613	ug/l #	5

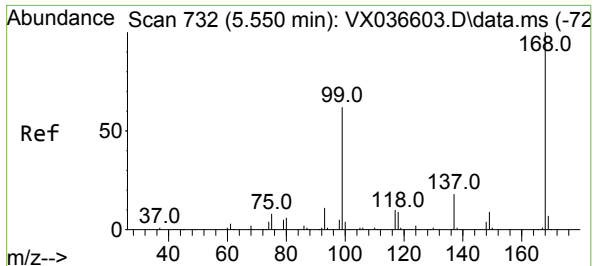
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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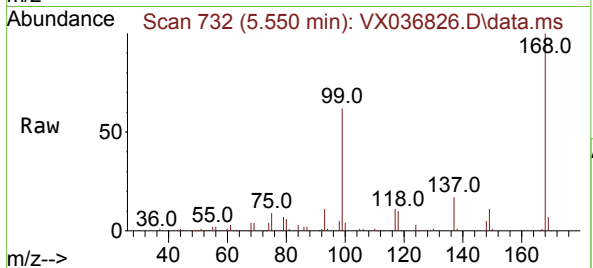
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



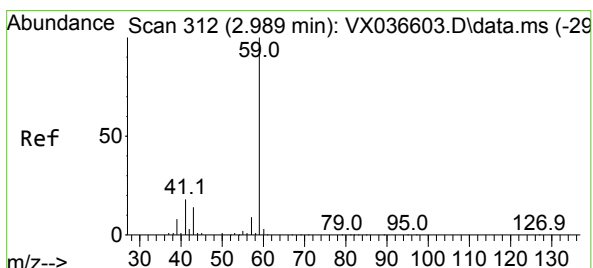
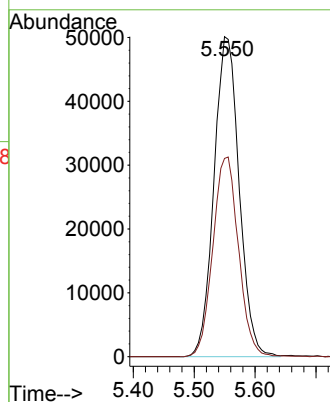
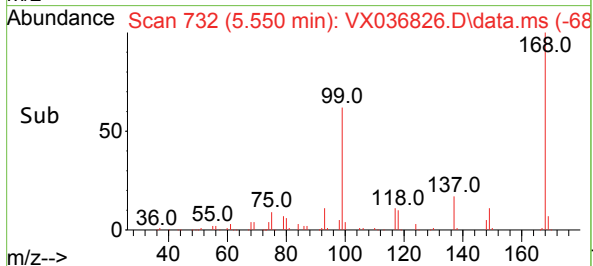


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

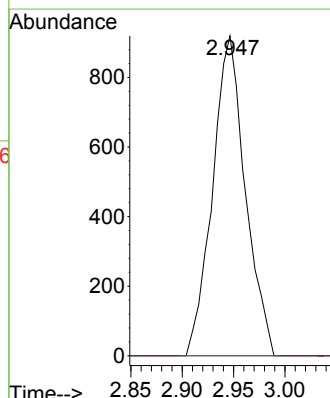
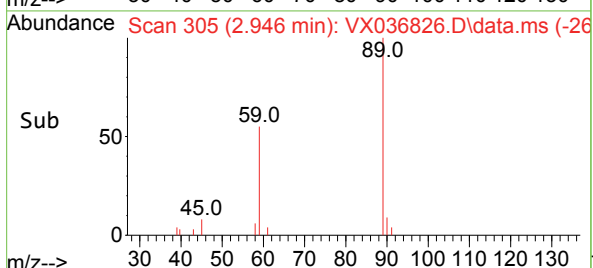
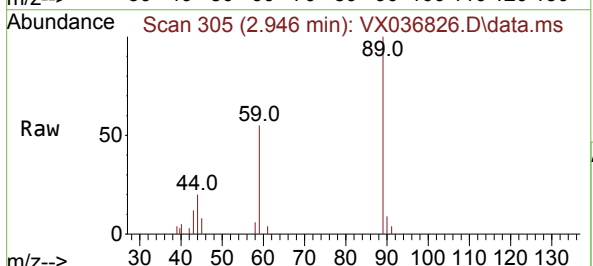


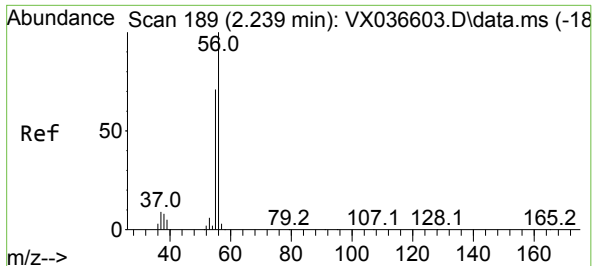
Tgt Ion:168 Resp: 143953
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.036 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion: 59 Resp: 2035
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

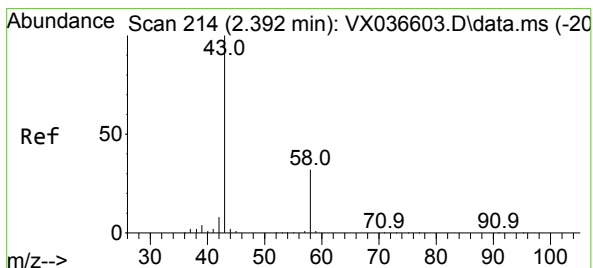
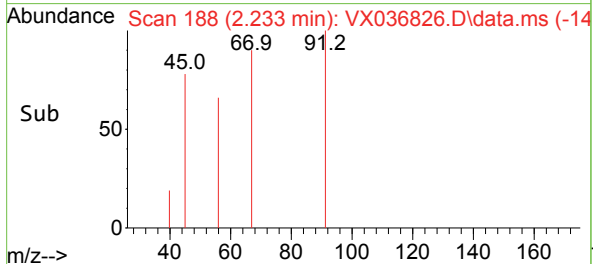
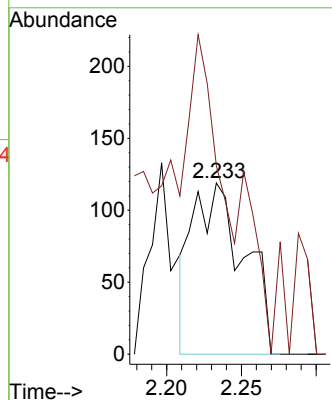
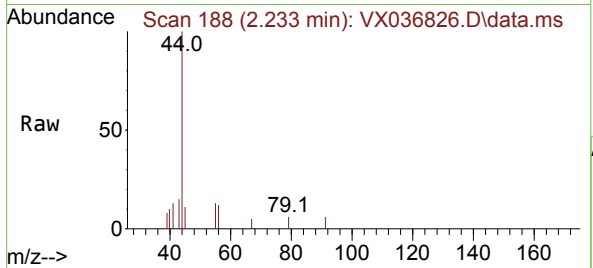




#13
Acrolein
Concen: 0.987 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

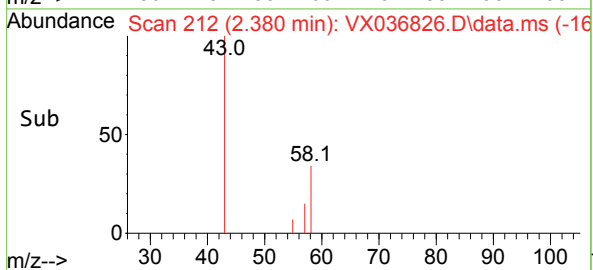
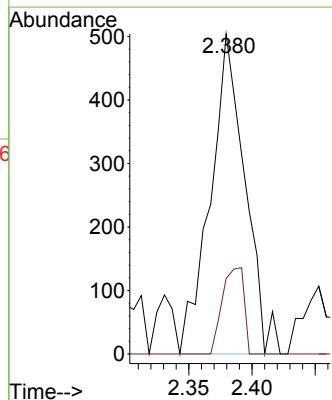
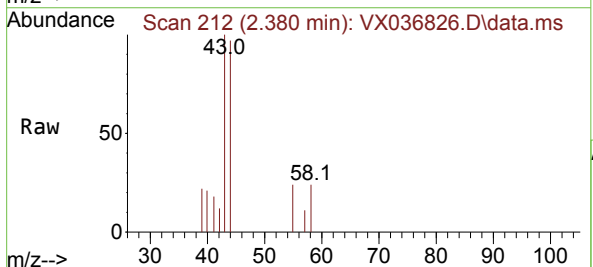
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

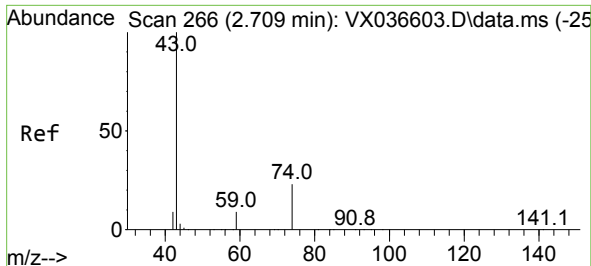
Tgt Ion: 56 Resp: 284
Ion Ratio Lower Upper
56 100
55 68.3 57.1 85.7



#16
Acetone
Concen: 1.086 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 23.6 21.9 32.9

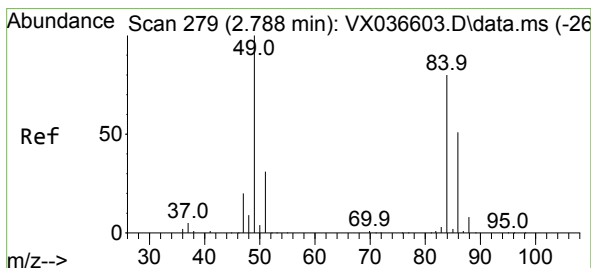
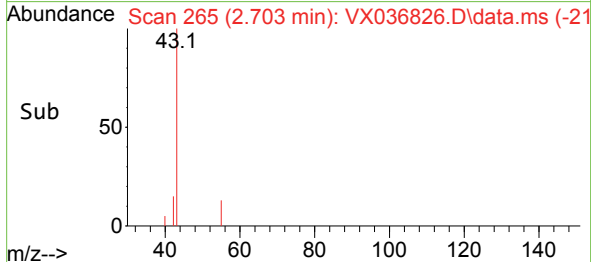
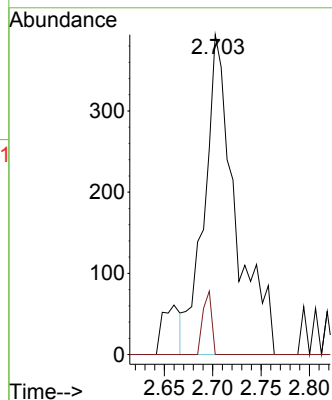
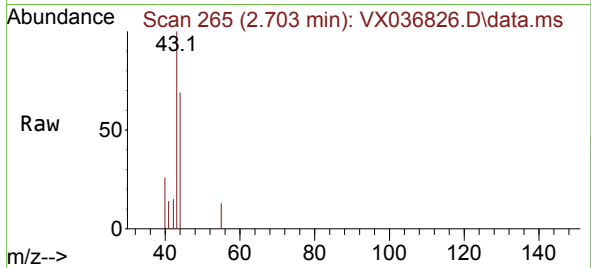




#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

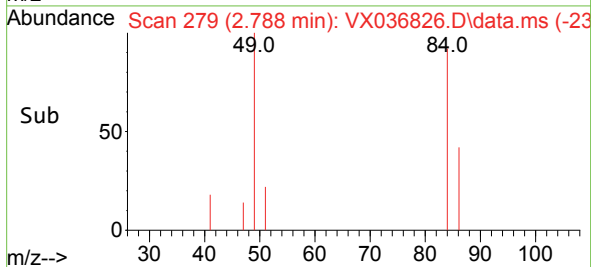
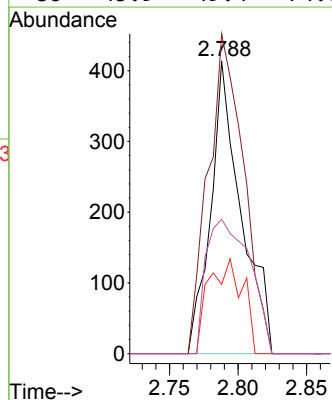
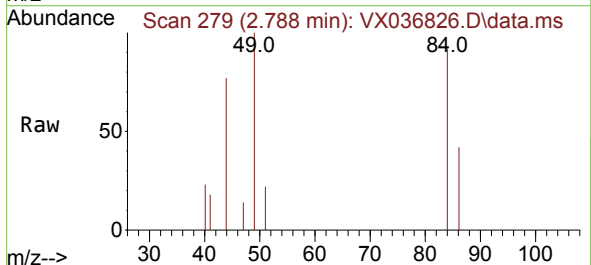
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

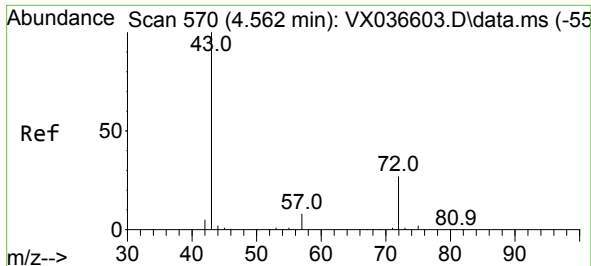
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
74 5.6 17.8 26.8#



#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion: 84 Resp: 642
Ion Ratio Lower Upper
84 100
49 109.2 103.6 155.4
51 23.7 33.8 50.6#
86 45.9 49.4 74.0#





#25

2-Butanone

Concen: 0.398 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX036826.D

Acq: 07 Aug 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

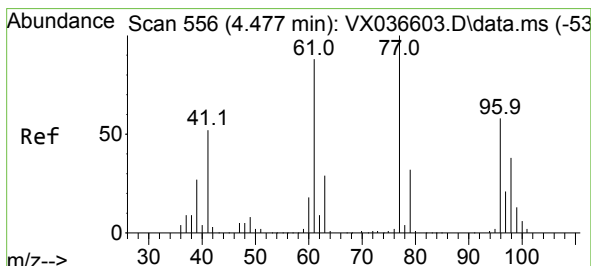
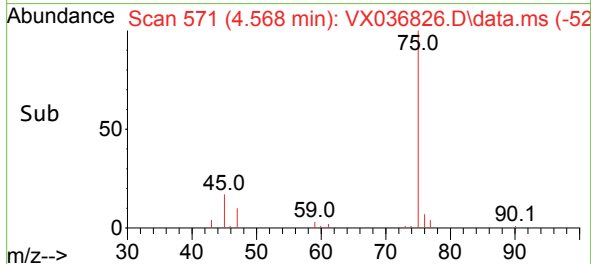
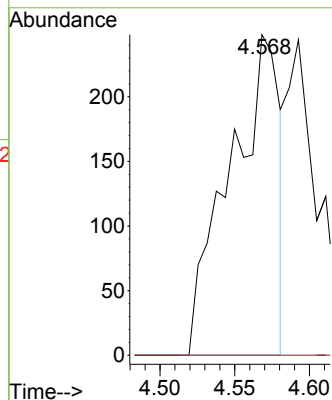
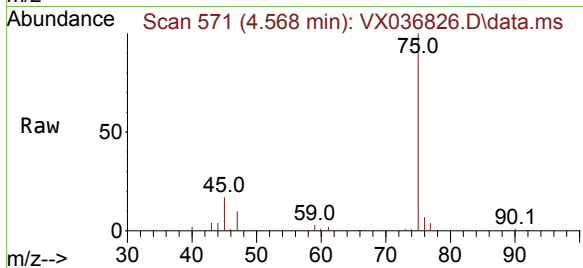
VX0807WBL01

Tgt Ion: 43 Resp: 571

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.263 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.085 min

Lab File: VX036826.D

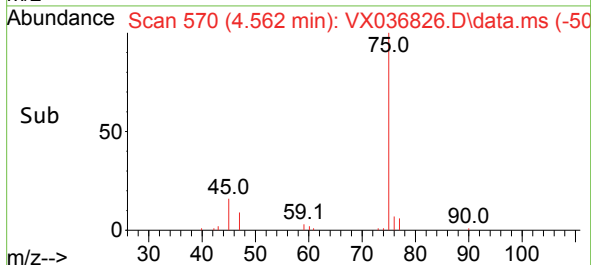
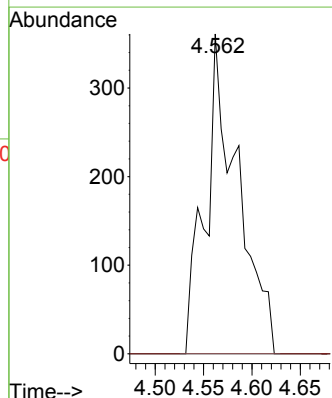
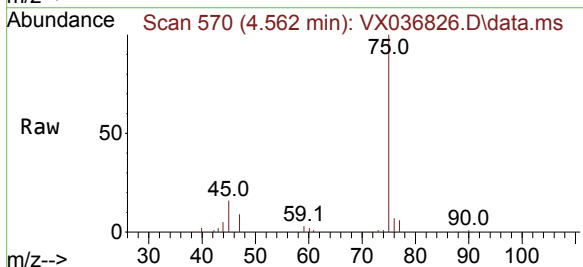
Acq: 07 Aug 2023 10:13

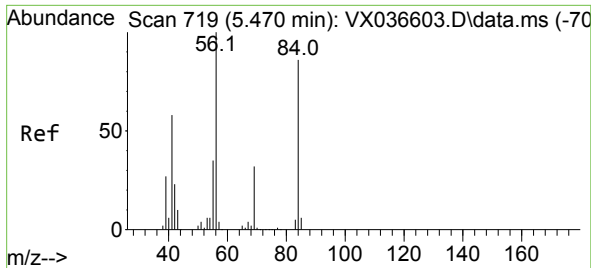
Tgt Ion: 77 Resp: 837

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#

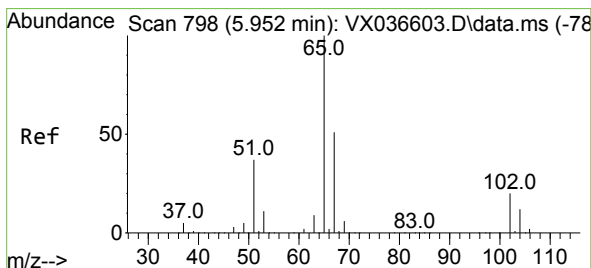
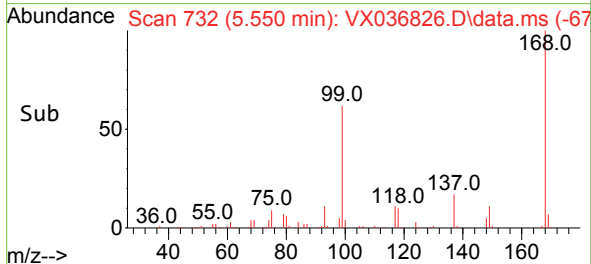
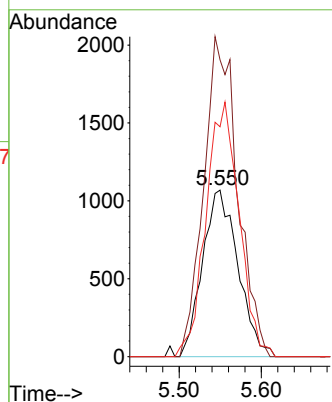
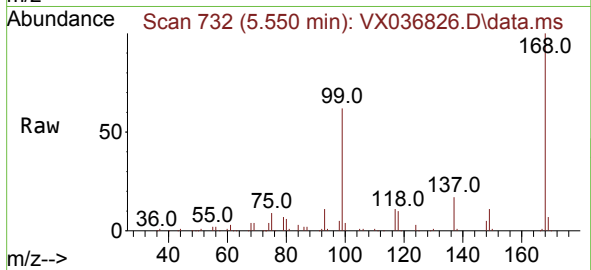




#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

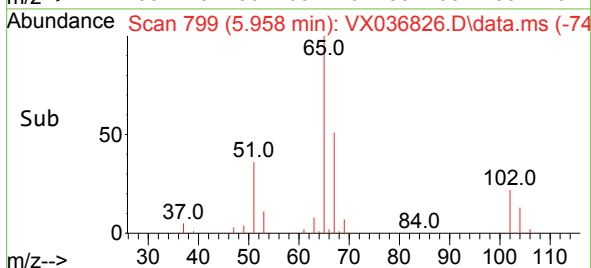
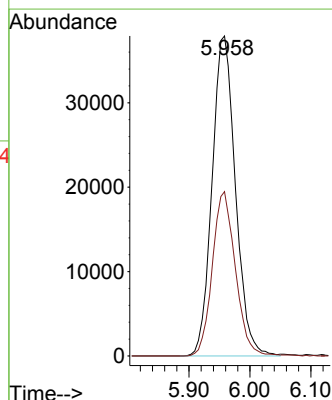
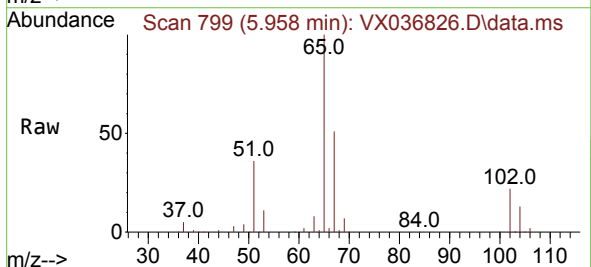
Instrument :
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ClientSampleId :
VX0807WBL01

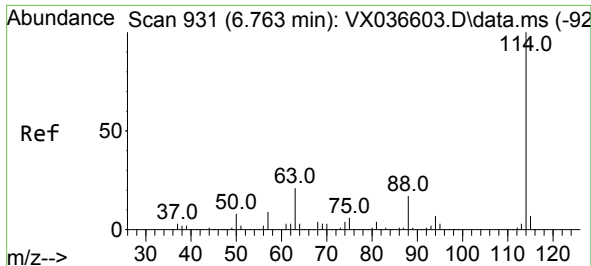
Tgt Ion: 56 Resp: 3206
Ion Ratio Lower Upper
56 100
69 178.2 23.4 35.2#
84 138.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.443 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion: 65 Resp: 101053
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

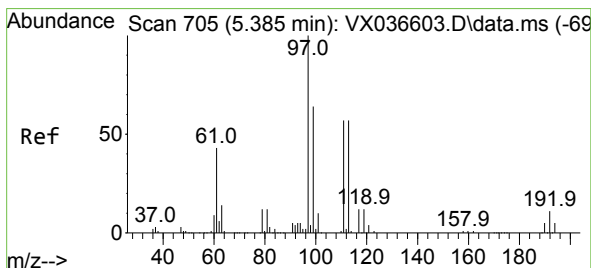
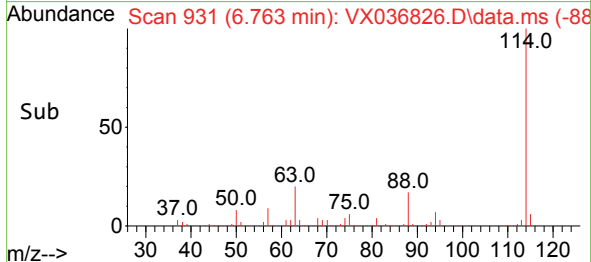
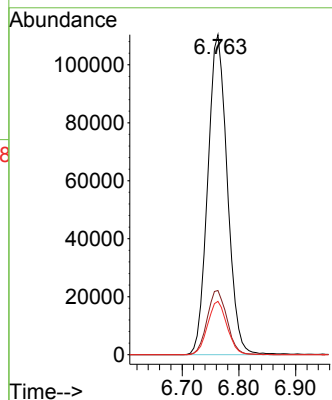
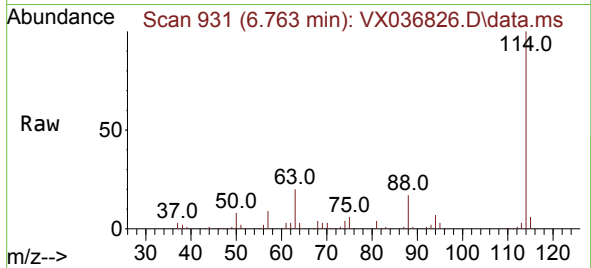




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

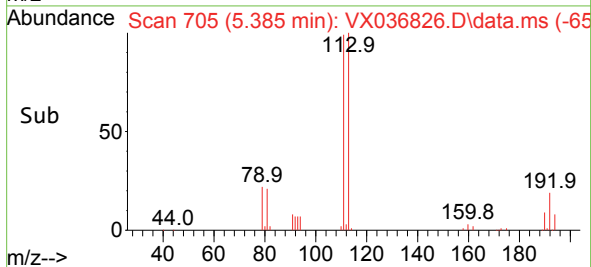
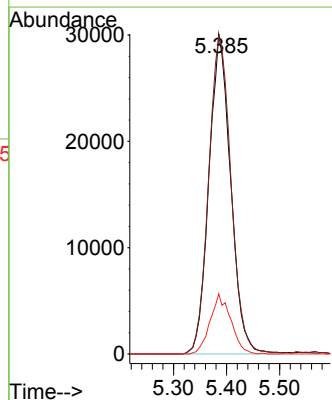
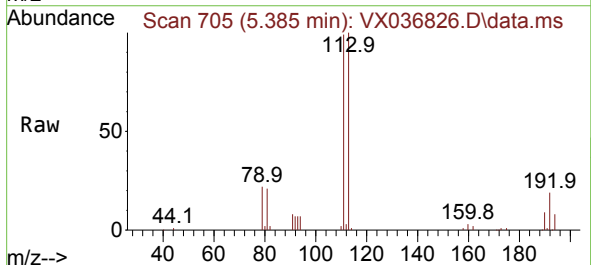
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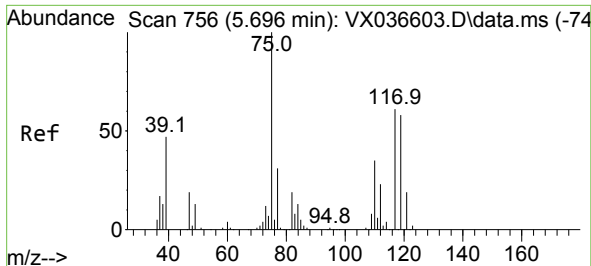
Tgt Ion:114 Resp: 264112
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.135 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion:113 Resp: 85567
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.9 13.3 19.9

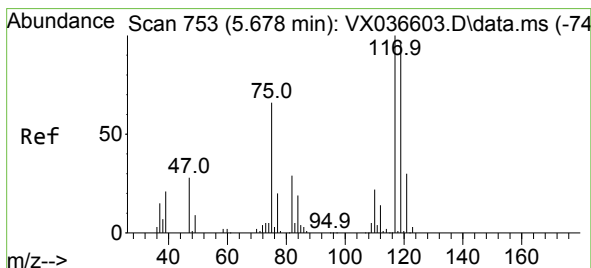
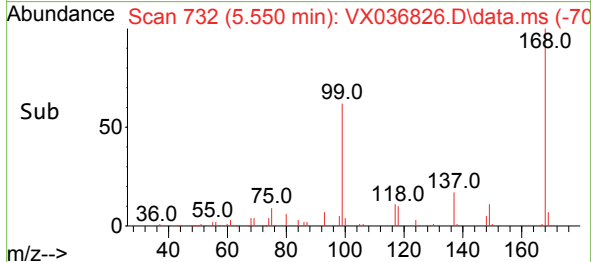
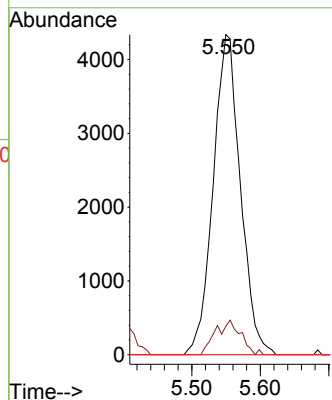
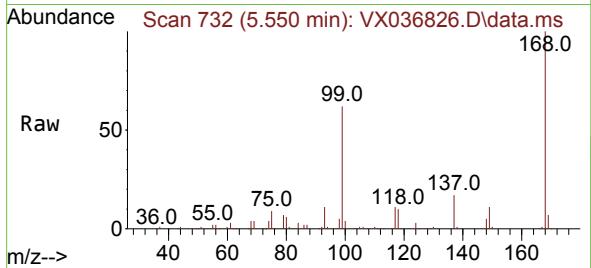




#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

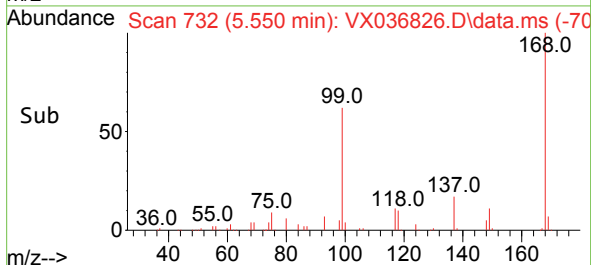
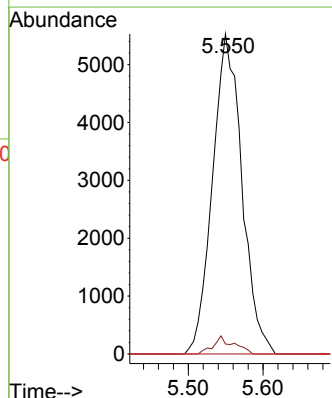
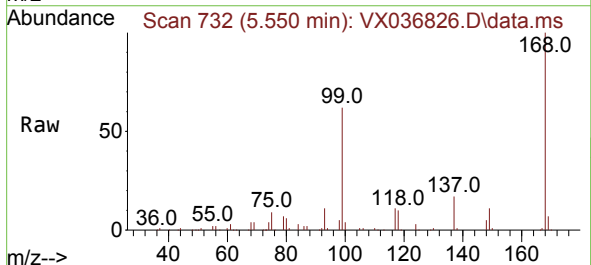
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

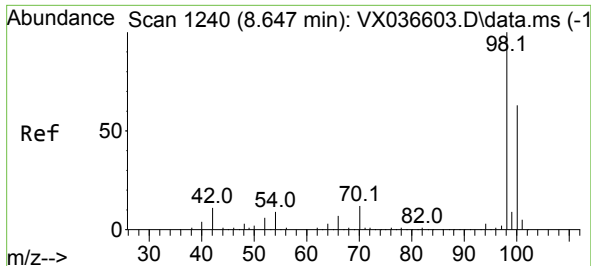
Tgt Ion: 75 Resp: 11939
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.252 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion: 117 Resp: 15107
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#

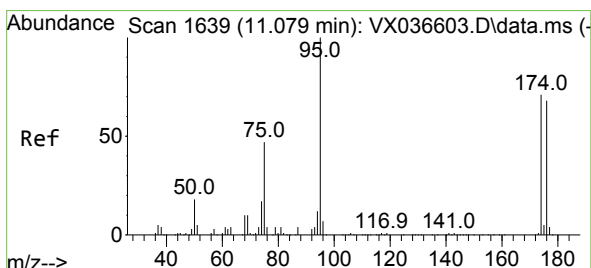
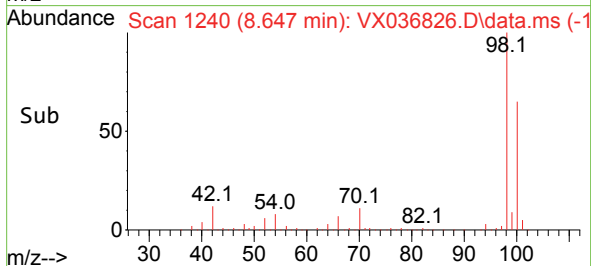
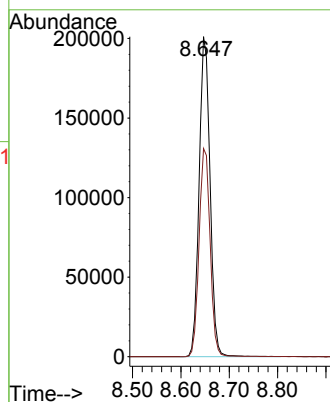
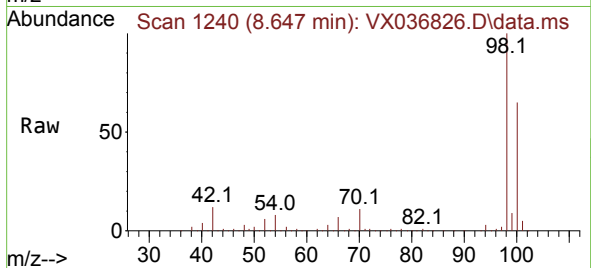




#50
Toluene-d8
Concen: 48.798 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

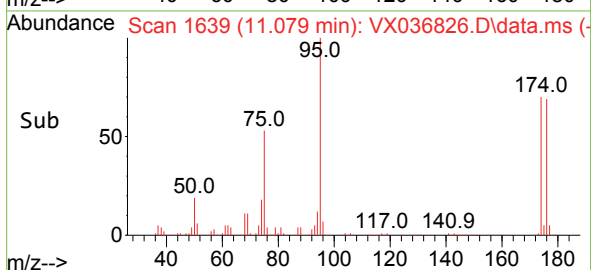
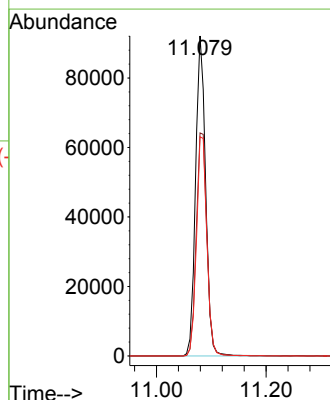
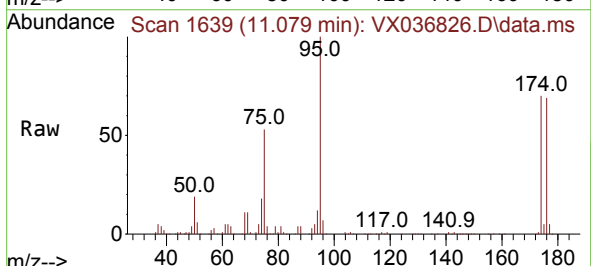
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

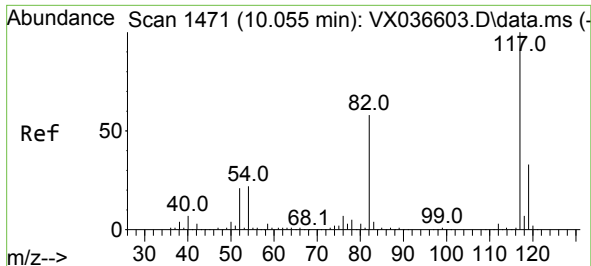
Tgt Ion: 98 Resp: 314148
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion: 95 Resp: 117793
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 70.9 0.0 131.0

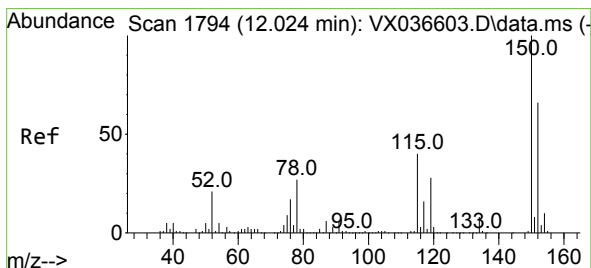
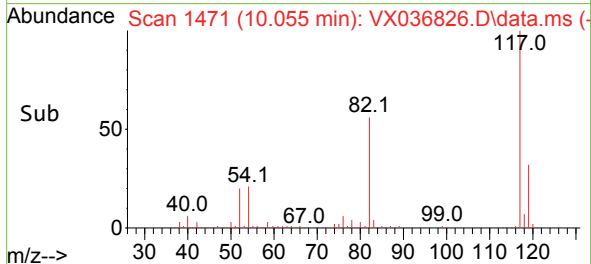
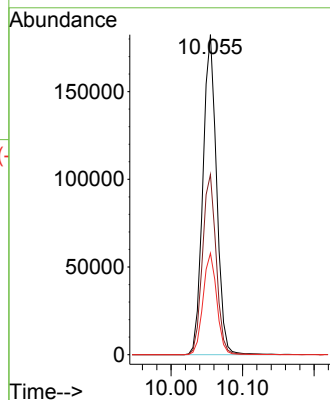
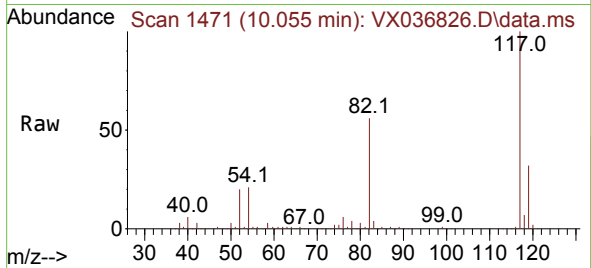




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

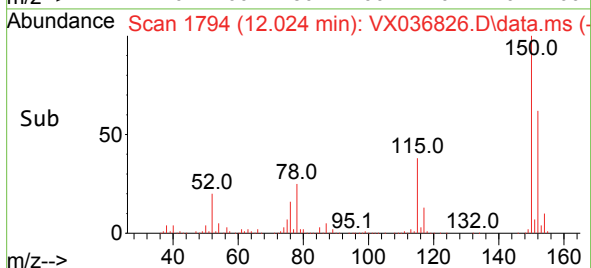
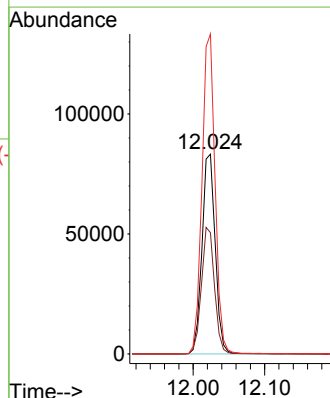
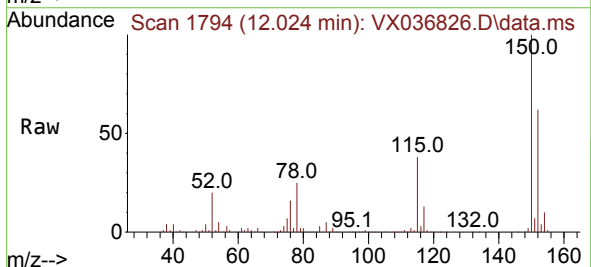
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

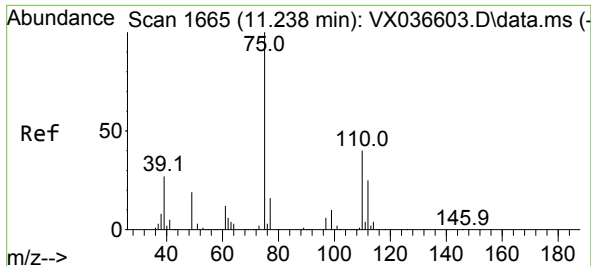
Tgt Ion:117 Resp: 242390
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion:152 Resp: 107234
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 158.0 0.0 345.0

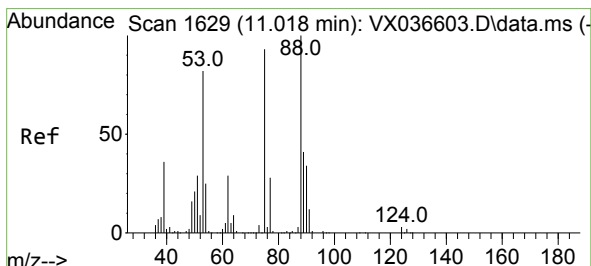
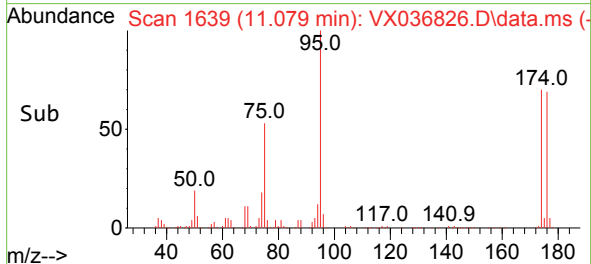
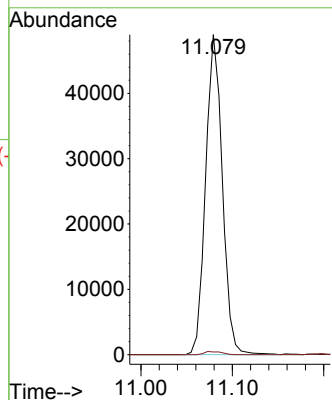
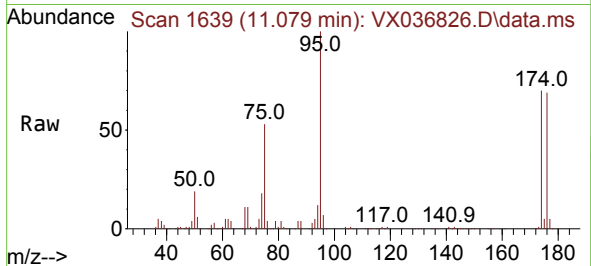




#76
1,2,3-Trichloropropane
Concen: 24.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

Tgt Ion: 75 Resp: 61887
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036826.D
Acq: 07 Aug 2023 10:13

Tgt Ion: 75 Resp: 61887
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

