

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038686.D
 Acq On : 09 Nov 2023 17:24
 Operator : JC/MD
 Sample : 05325-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 231108054-03-TRIP-BLANK

Quant Time: Nov 10 03:42:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

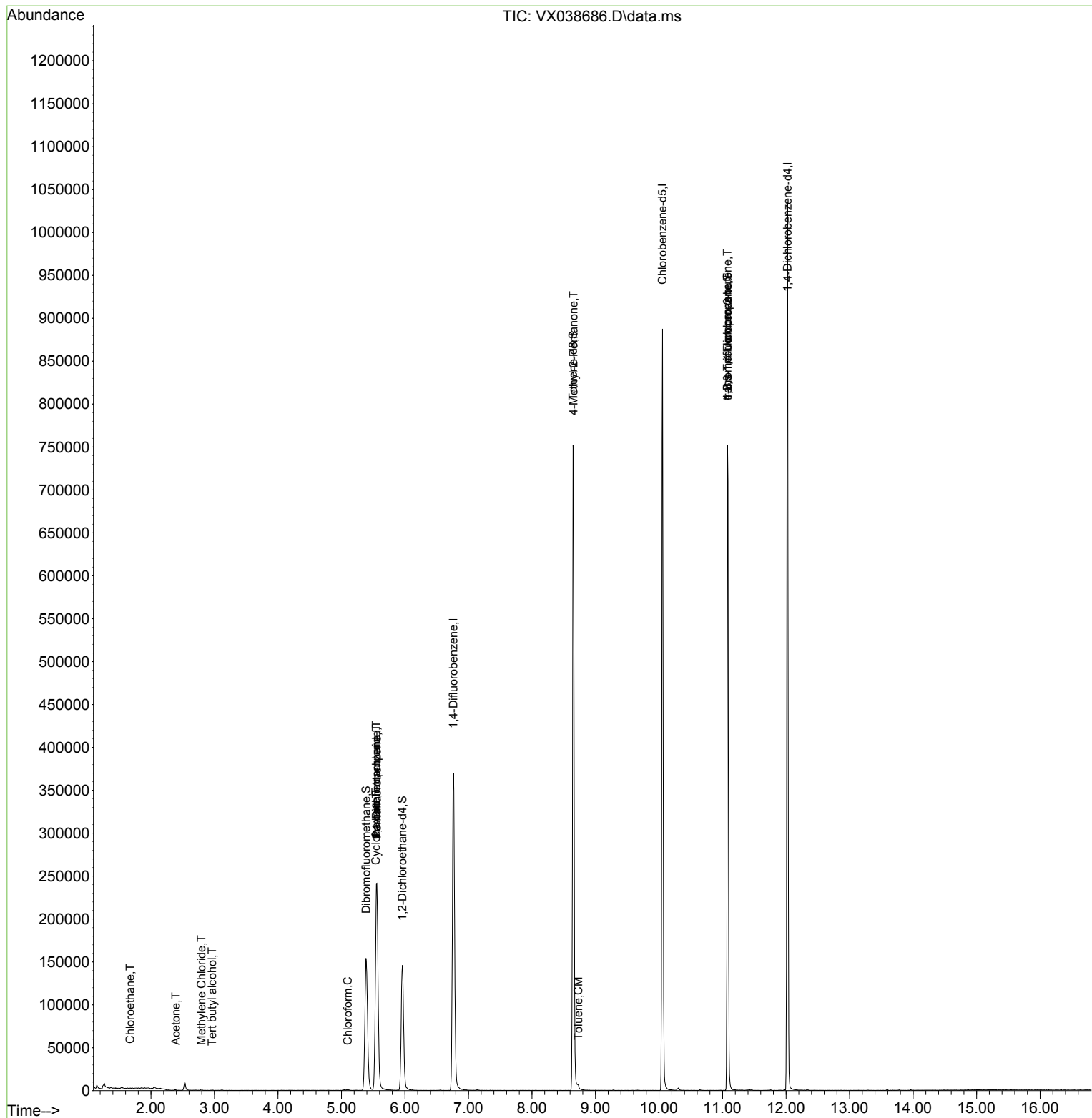
Internal Standards						
1) Pentafluorobenzene	5.556	168	254401	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	417611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146857	46.368	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.740%
35) Dibromofluoromethane	5.385	113	136876	45.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.646	98	495372	46.026	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	208544	49.975	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	388	0.252	ug/l	# 87
11) Tert butyl alcohol	2.965	59	404	0.624	ug/l	# 78
16) Acetone	2.391	43	612	0.459	ug/l	94
20) Methylene Chloride	2.794	84	620	0.231	ug/l	# 78
30) Chloroform	5.098	83	1298	0.261	ug/l	# 77
31) Cyclohexane	5.543	56	4081	1.164	ug/l	# 6
36) 1,1-Dichloropropene	5.549	75	16747	4.482	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	24218	5.798	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.653	43	1623	0.425	ug/l	# 1
52) Toluene	8.726	92	1841	0.261	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	101060	21.107	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	101060	64.123	ug/l	# 5

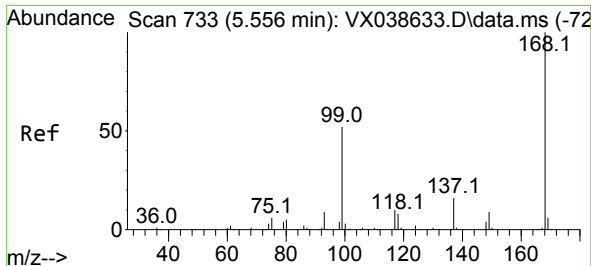
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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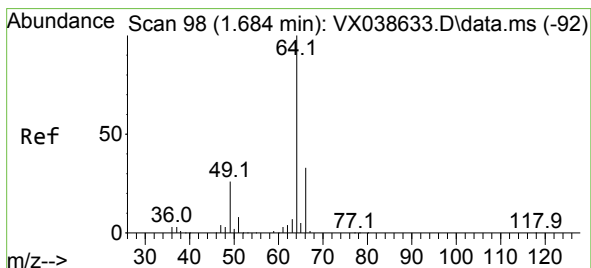
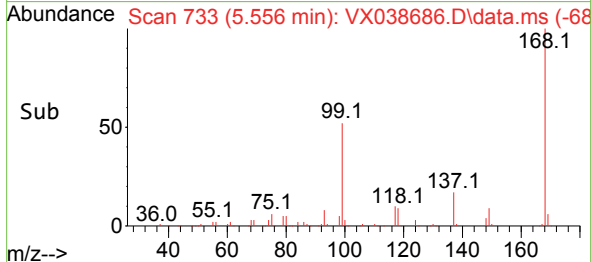
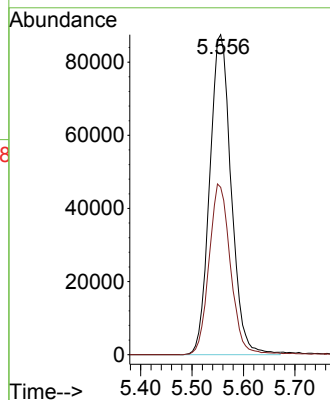
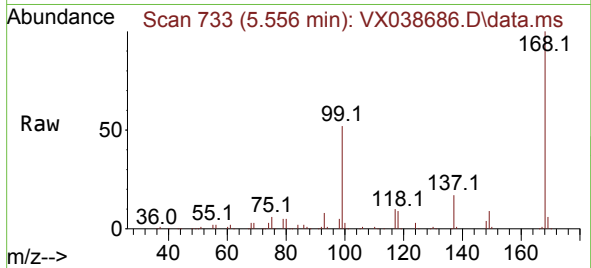




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

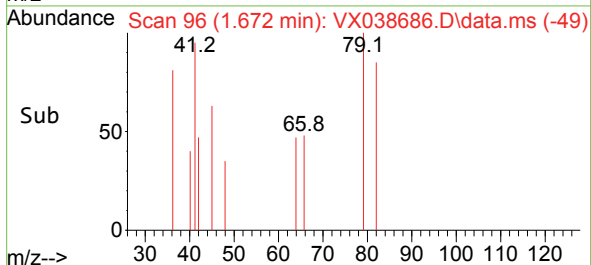
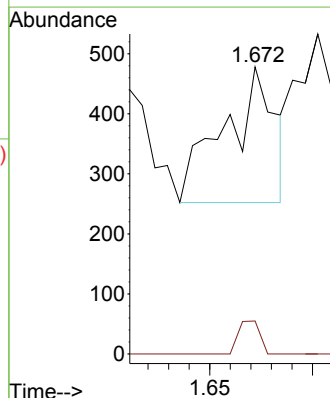
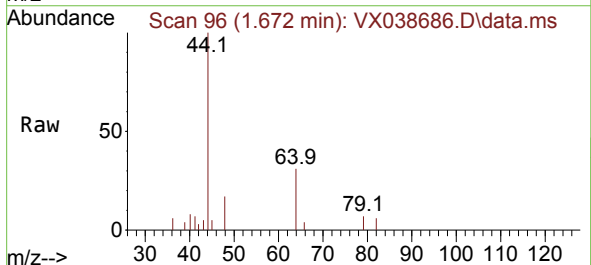
Instrument :
MSVOA_X
ClientSampleId :
231108054-03-TRIP-BLANK

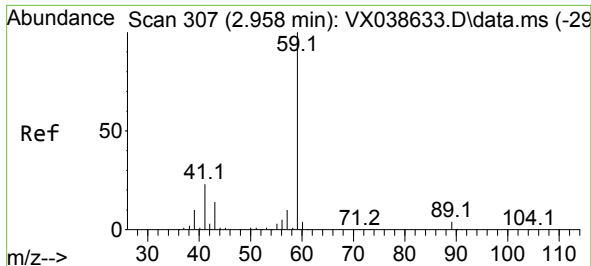
Tgt Ion:168 Resp: 254401
Ion Ratio Lower Upper
168 100
99 52.3 56.6 85.0#



#6
Chloroethane
Concen: 0.252 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion: 64 Resp: 388
Ion Ratio Lower Upper
64 100
66 24.3 25.1 37.7#

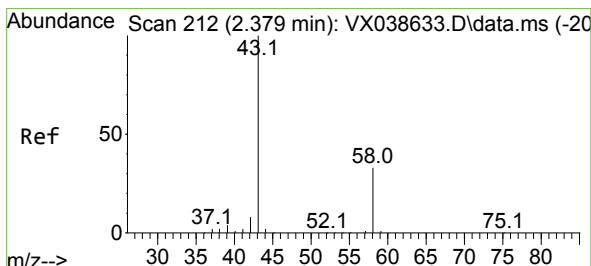
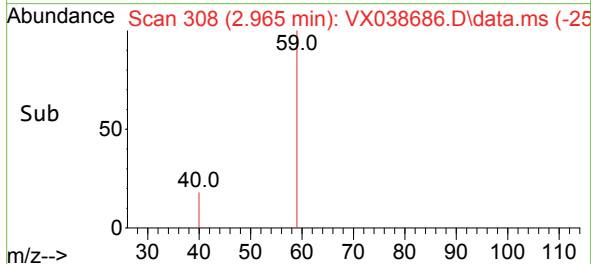
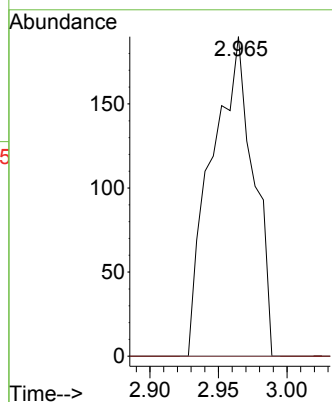
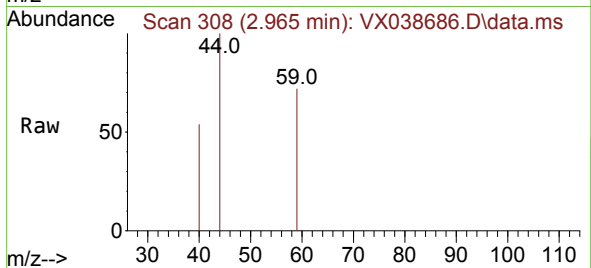




#11
Tert butyl alcohol
Concen: 0.624 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

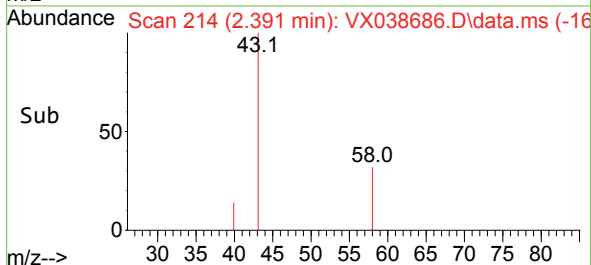
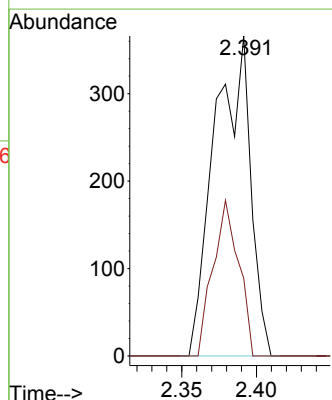
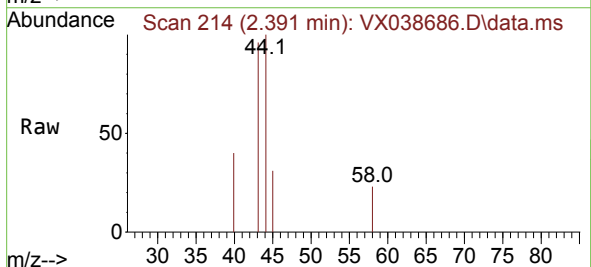
Instrument :
MSVOA_X
ClientSampleId :
231108054-03-TRIP-BLANK

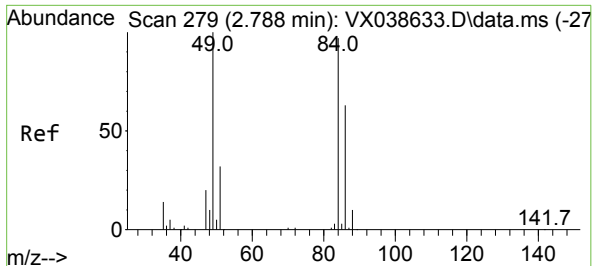
Tgt Ion: 59 Resp: 404
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 0.459 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 24.3 21.9 32.9

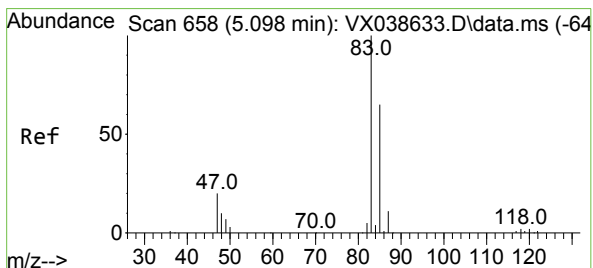
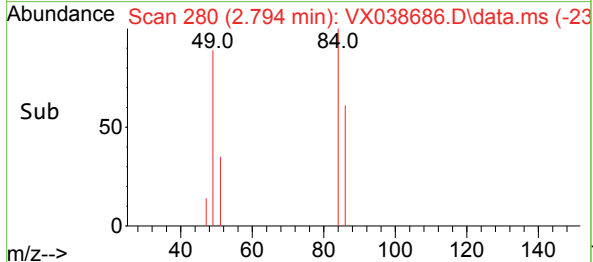
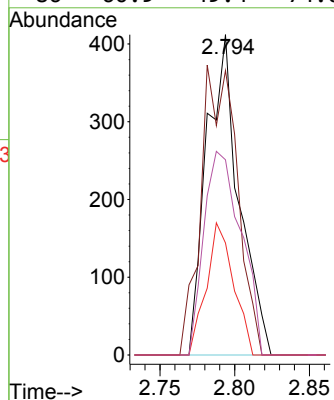
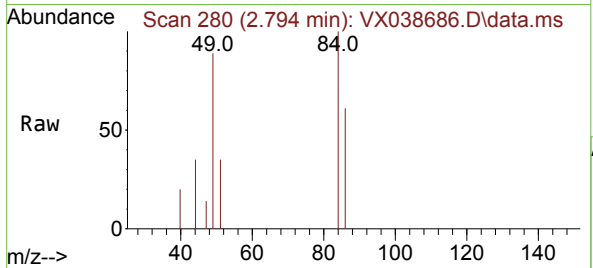




#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

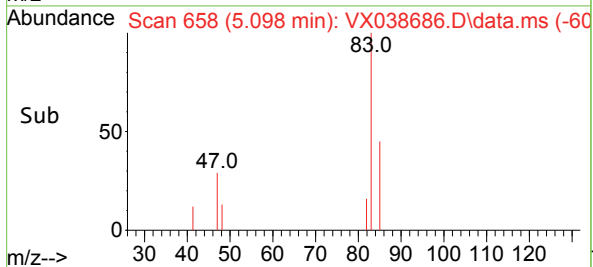
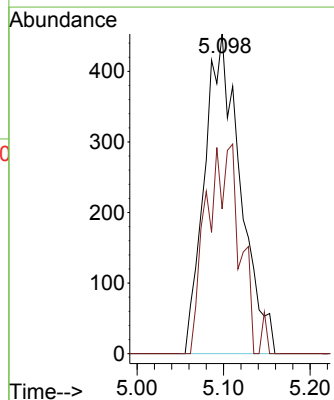
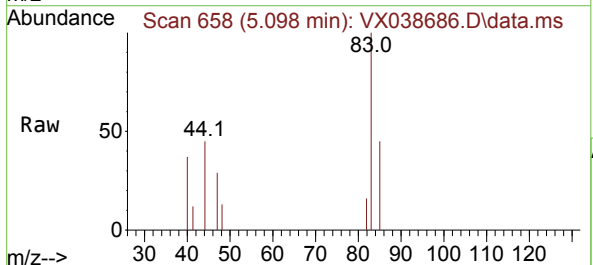
Instrument :
MSVOA_X
ClientSampleId :
231108054-03-TRIP-BLANK

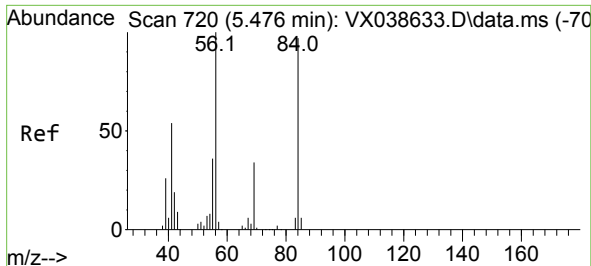
Tgt Ion: 84	Resp: 620
Ion Ratio	Lower Upper
84 100	
49 88.8	103.6 155.4#
51 35.0	33.8 50.6
86 60.9	49.4 74.0



#30
Chloroform
Concen: 0.261 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

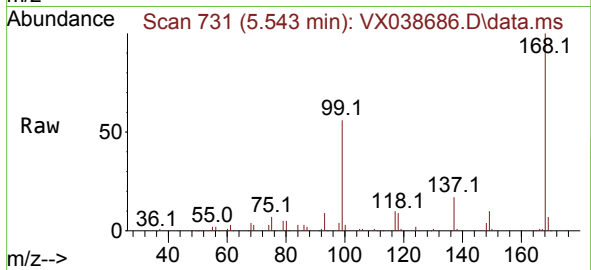
Tgt Ion: 83	Resp: 1298
Ion Ratio	Lower Upper
83 100	
85 45.3	50.3 75.5#



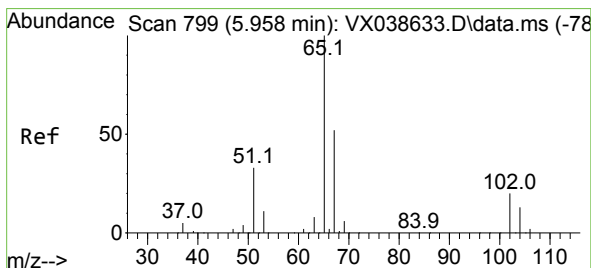
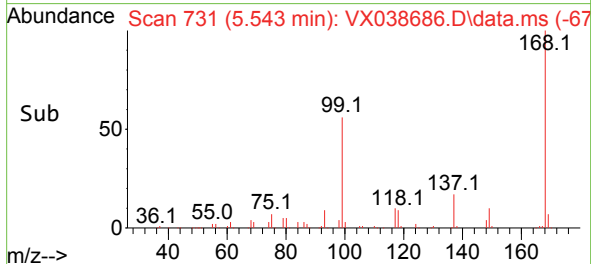
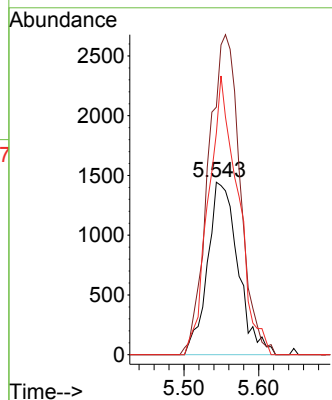


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
231108054-03-TRIP-BLANK

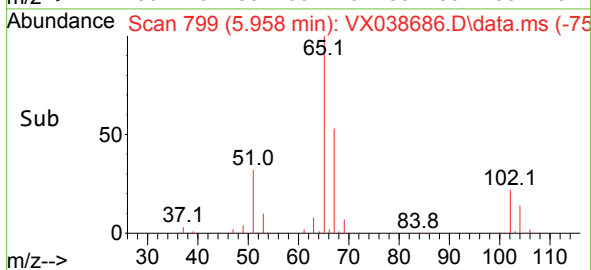
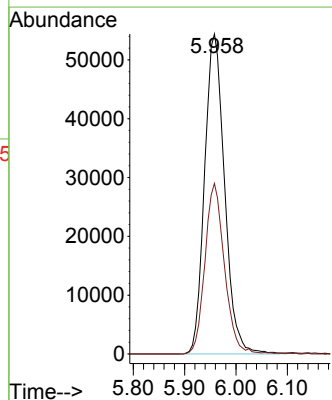
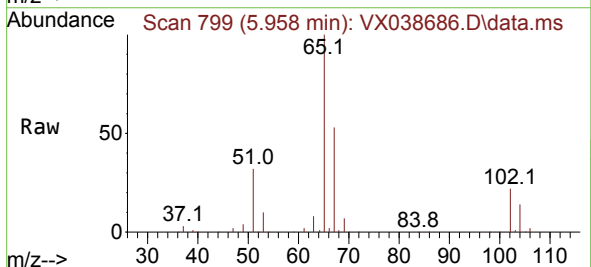


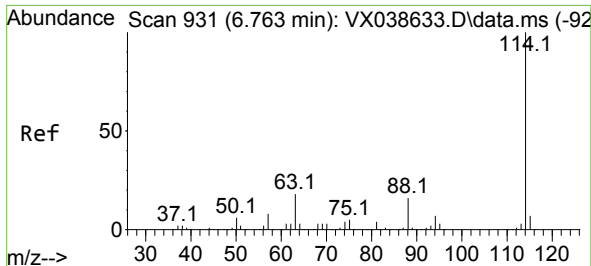
Tgt Ion: 56 Resp: 4081
Ion Ratio Lower Upper
56 100
69 143.5 23.4 35.2#
84 128.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.368 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion: 65 Resp: 146857
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

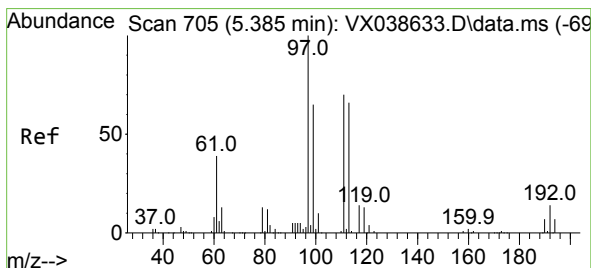
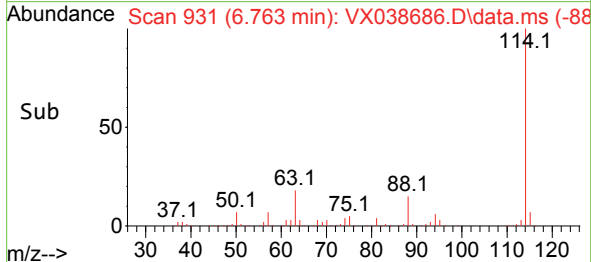
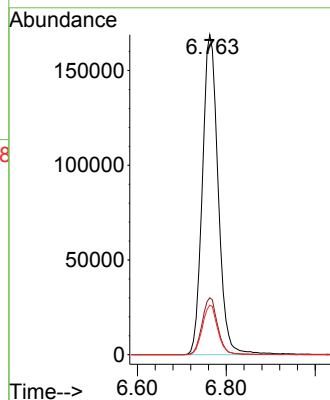
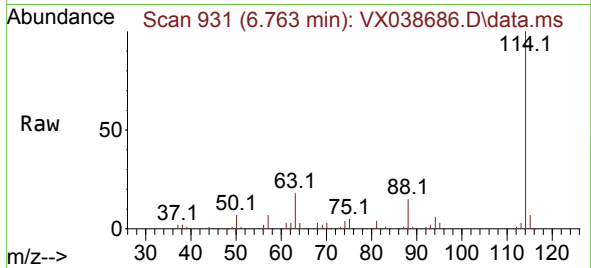




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

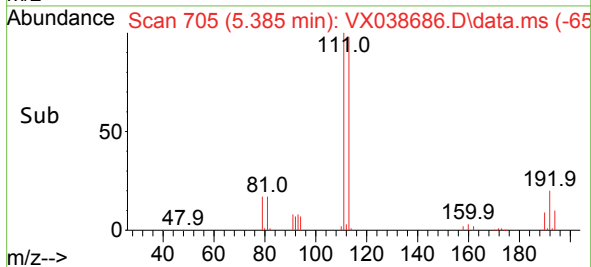
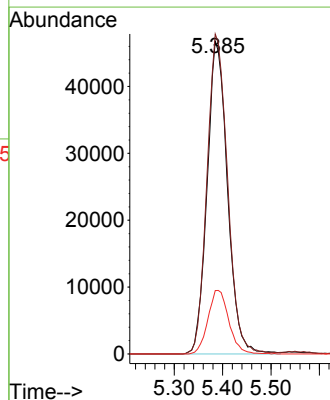
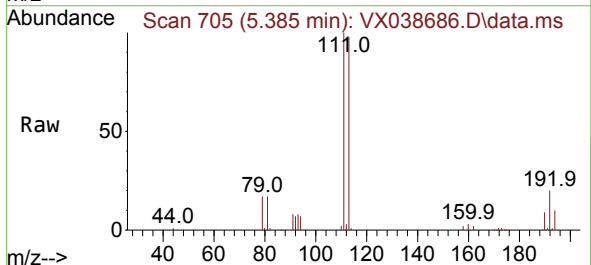
Instrument :
MSVOA_X
ClientSampleId :
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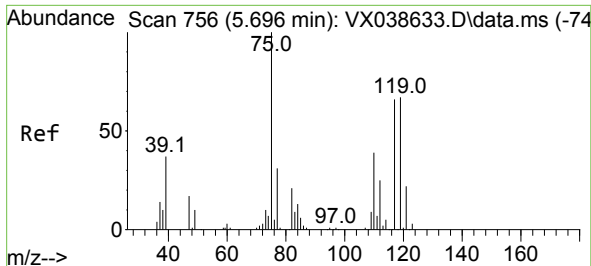
Tgt Ion:114 Resp: 417611
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.508 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion:113 Resp: 136876
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 20.9 13.3 19.9#

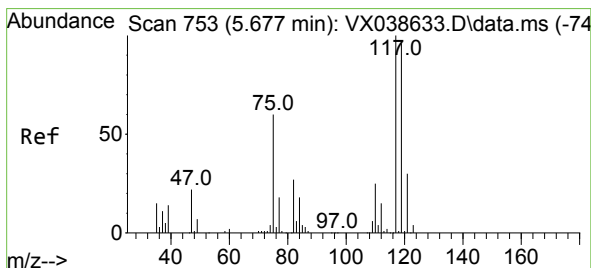
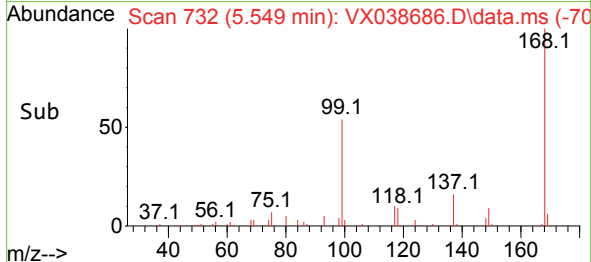
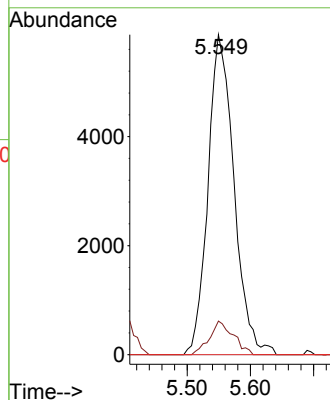
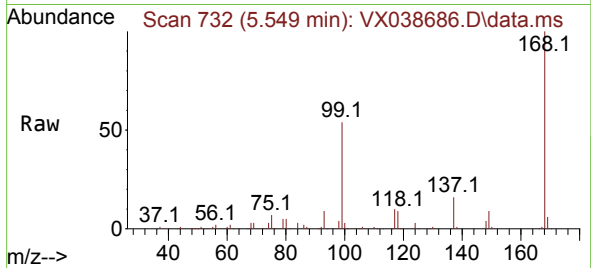




#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

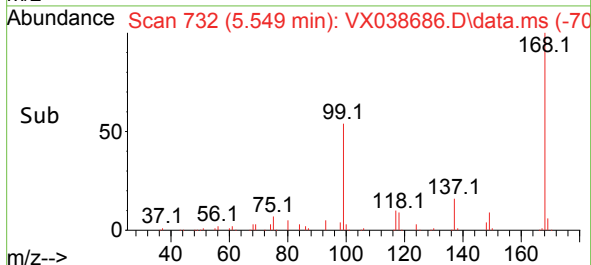
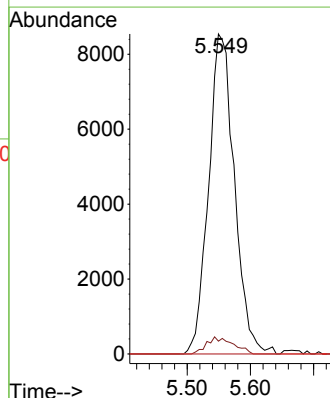
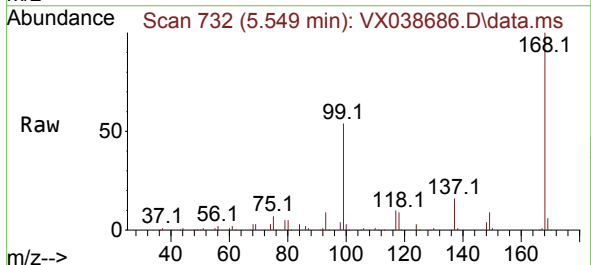
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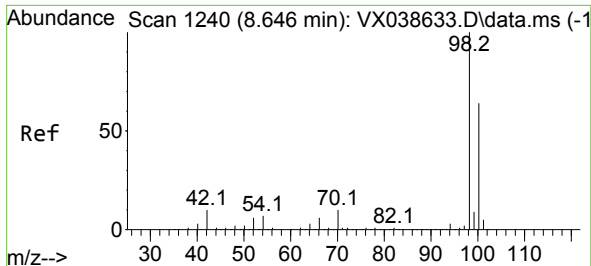
Tgt Ion: 75 Resp: 16747
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.798 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion: 117 Resp: 24218
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#

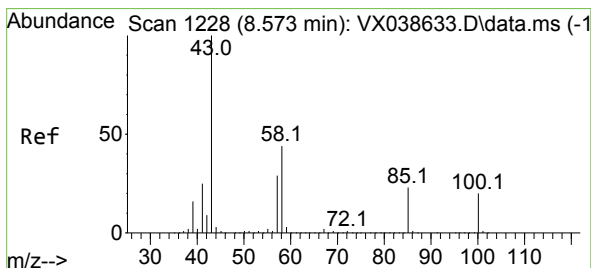
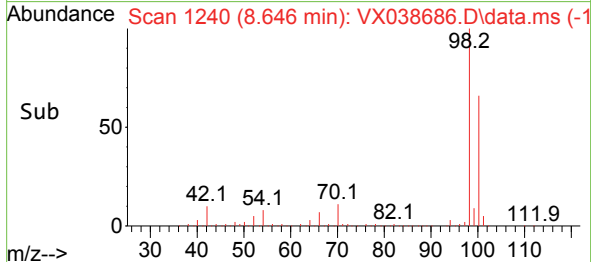
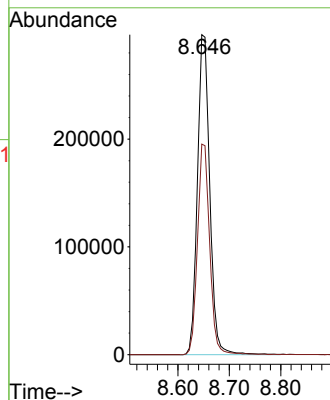
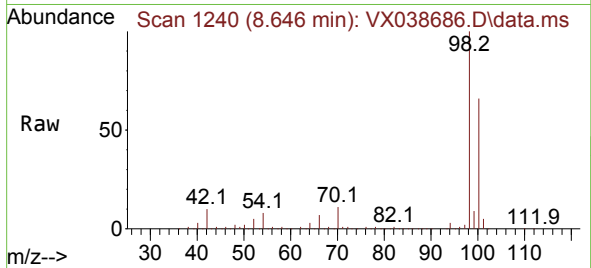




#50
Toluene-d8
Concen: 46.026 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

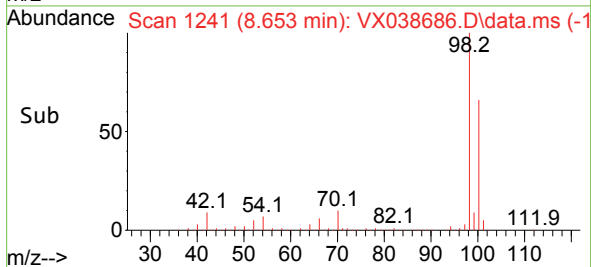
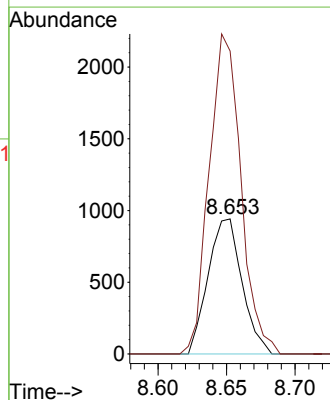
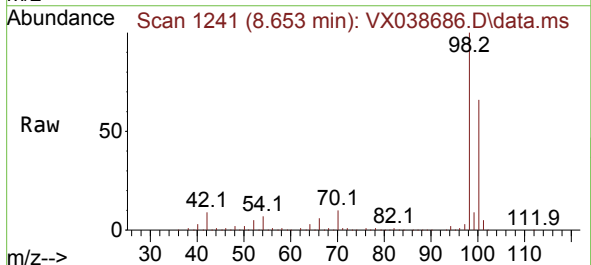
Instrument :
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ClientSampleId :
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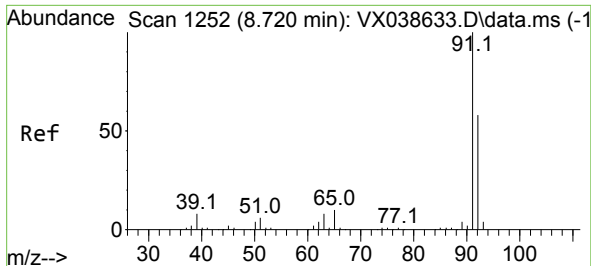
Tgt Ion: 98 Resp: 495372
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
58 221.9 30.4 45.6#

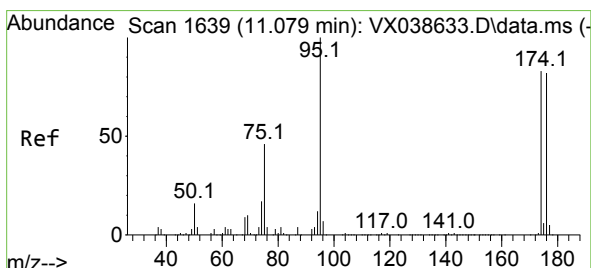
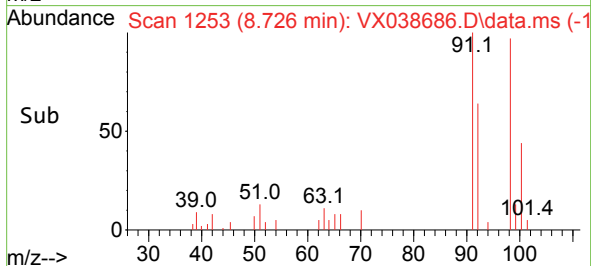
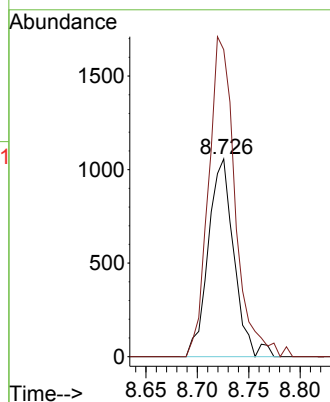
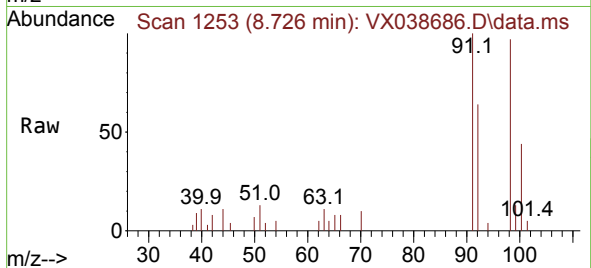




#52
Toluene
Concen: 0.261 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

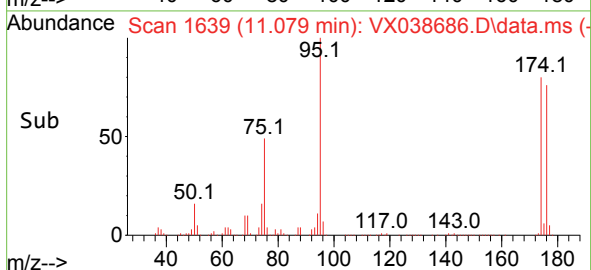
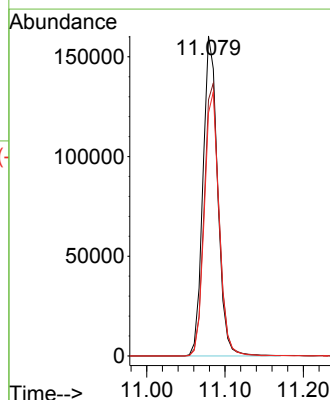
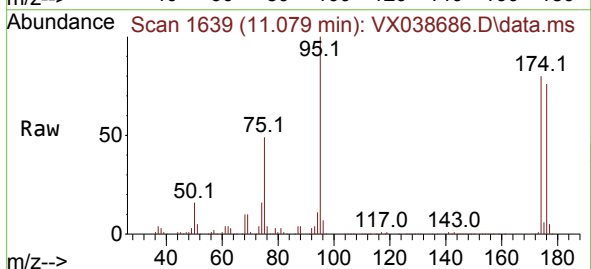
Instrument :
MSVOA_X
ClientSampleId :
231108054-03-TRIP-BLANK

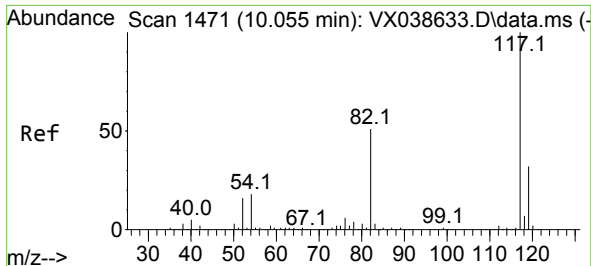
Tgt Ion: 92 Resp: 1841
Ion Ratio Lower Upper
92 100
91 167.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion: 95 Resp: 208544
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 83.0 0.0 131.0

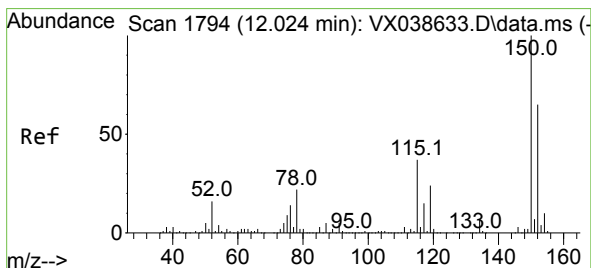
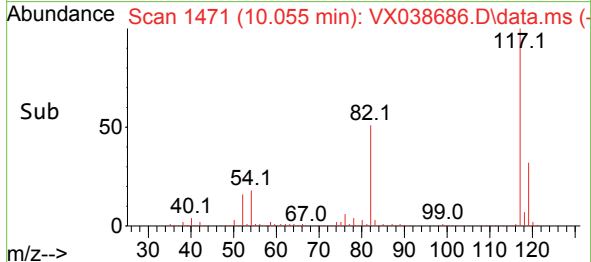
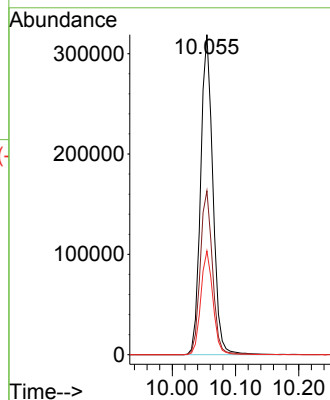
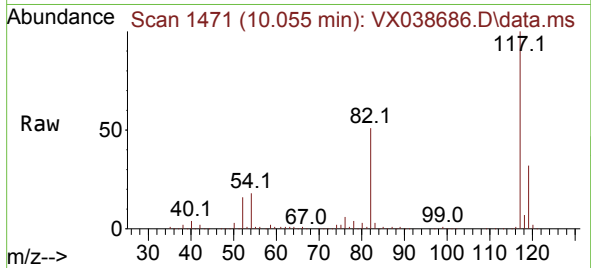




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

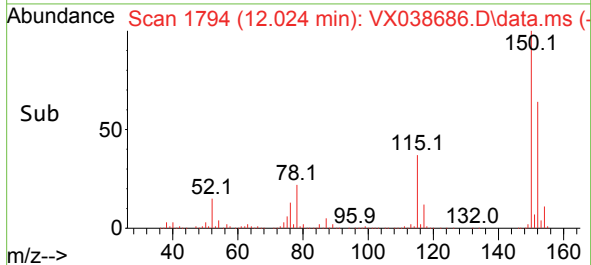
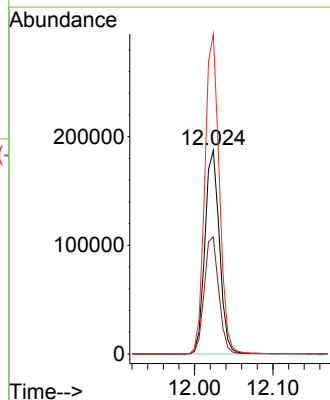
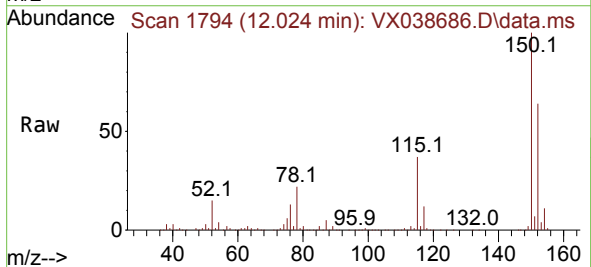
Instrument :
MSVOA_X
ClientSampleId :
231108054-03-TRIP-BLANK

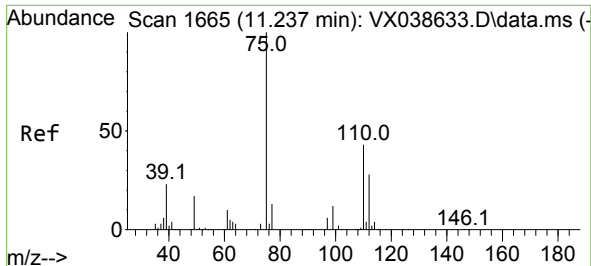
Tgt Ion:117 Resp: 430705
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion:152 Resp: 241755
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 156.5 0.0 345.0

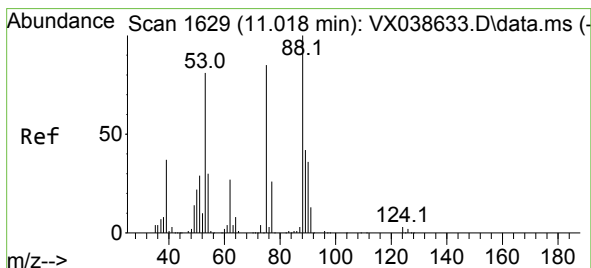
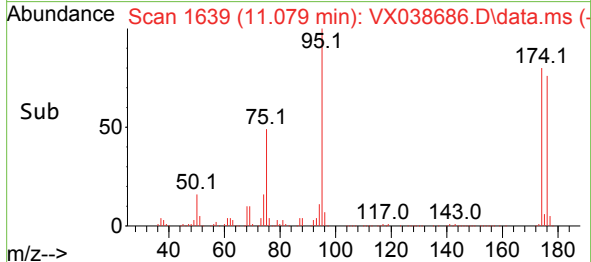
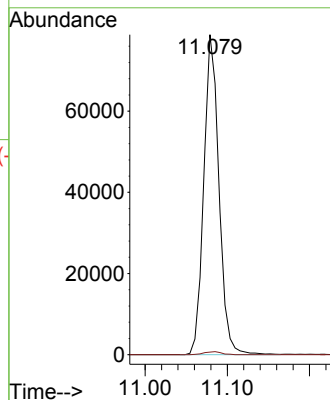
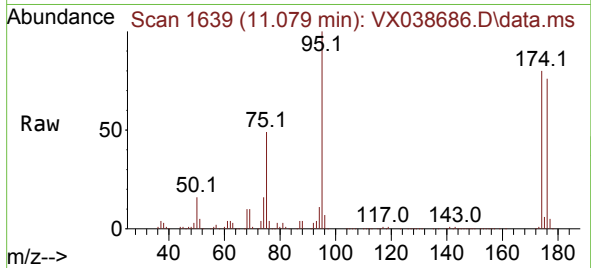




#76
1,2,3-Trichloropropane
Concen: 21.107 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
231108054-03-TRIP-BLANK

Tgt Ion: 75 Resp: 101060
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038686.D
Acq: 09 Nov 2023 17:24

Tgt Ion: 75 Resp: 101060
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

