

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038648.D
 Acq On : 08 Nov 2023 12:12
 Operator : JC/MD
 Sample : 05253-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-12

Quant Time: Nov 09 01:19:05 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)

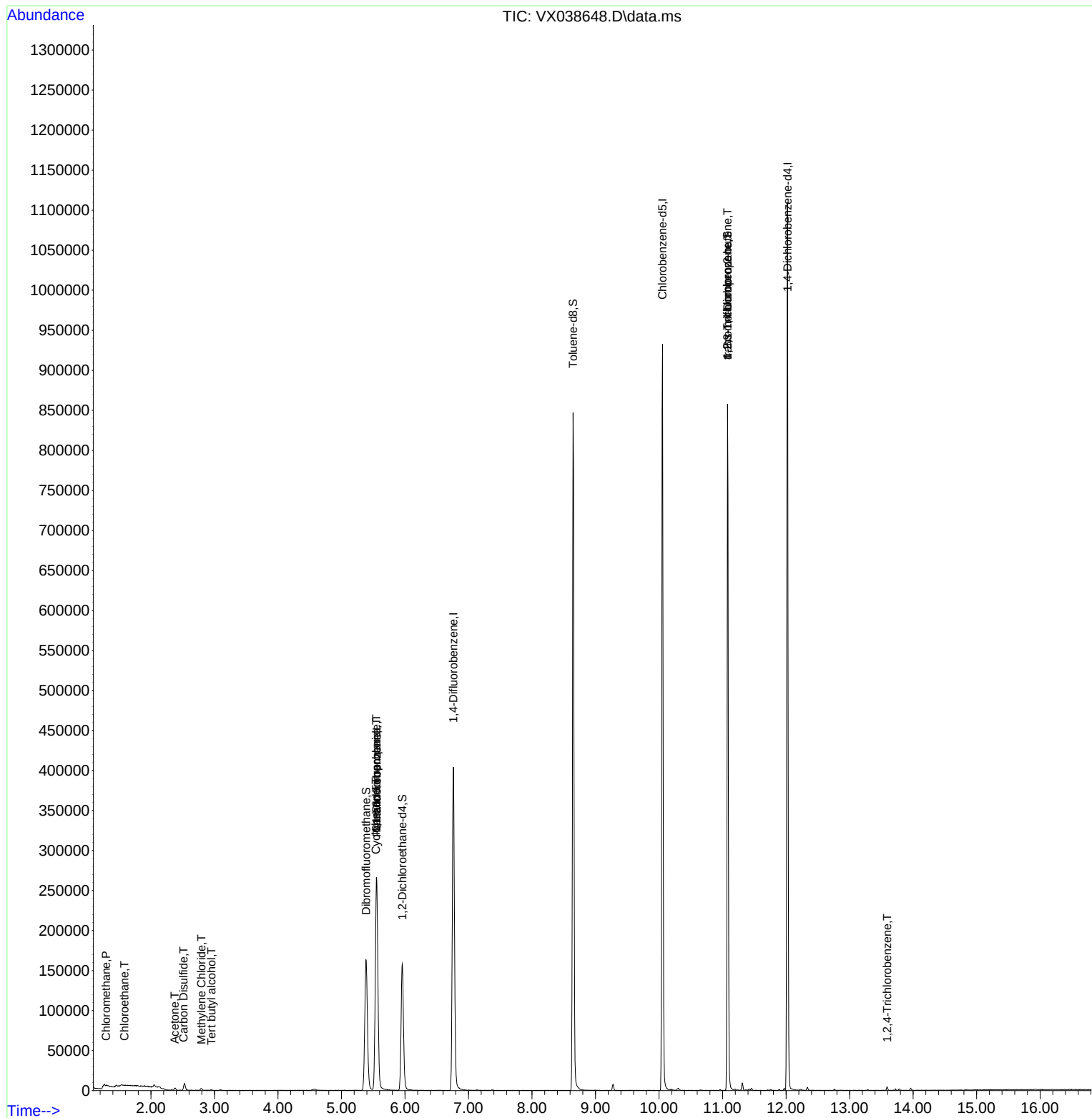
Internal Standards						
1) Pentafluorobenzene	5.556	168	274602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	449188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	467444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156267	45.709	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.420%		
35) Dibromofluoromethane	5.385	113	144827	44.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.540%		
50) Toluene-d8	8.647	98	532490	45.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.000%		
62) 4-Bromofluorobenzene	11.079	95	226896	50.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	804	0.326	ug/l	# 72
6) Chloroethane	1.581	64	810	0.488	ug/l	# 67
11) Tert butyl alcohol	2.953	59	542	0.776	ug/l	# 78
16) Acetone	2.373	43	3107	2.158	ug/l	# 87
17) Carbon Disulfide	2.514	76	1970	0.289	ug/l	# 98
20) Methylene Chloride	2.794	84	1235	0.426	ug/l	# 74
31) Cyclohexane	5.544	56	4891	1.293	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18036	4.488	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	25518	5.680	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	111119	21.412	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	111119	64.944	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1471	0.250	ug/l	92

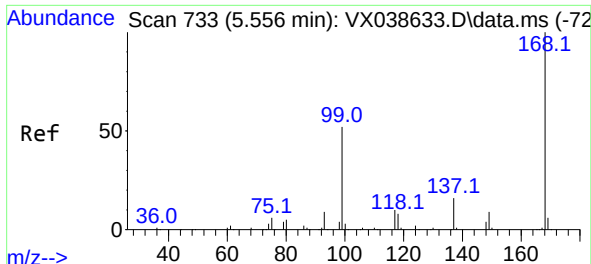
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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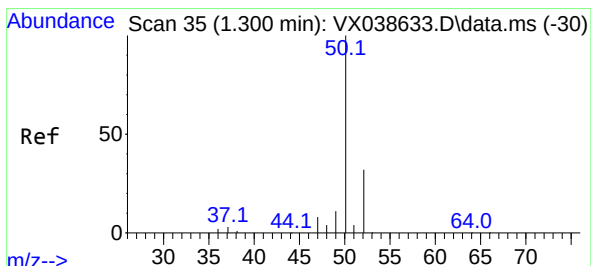
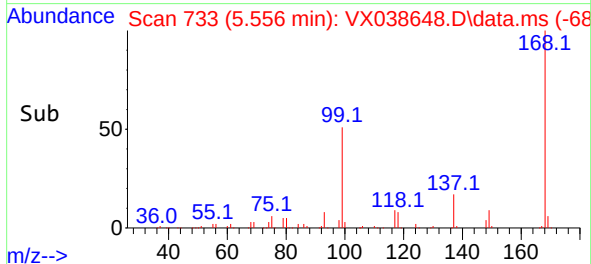
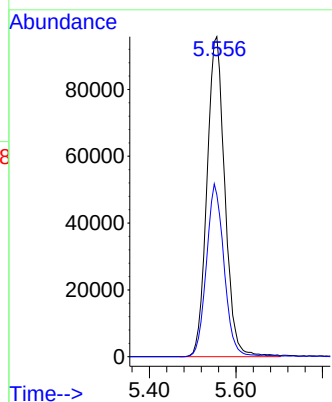
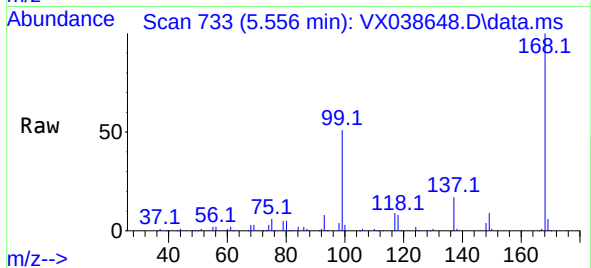




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

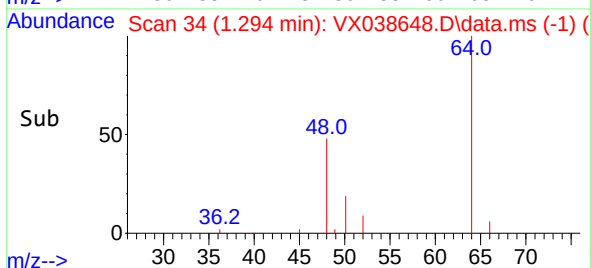
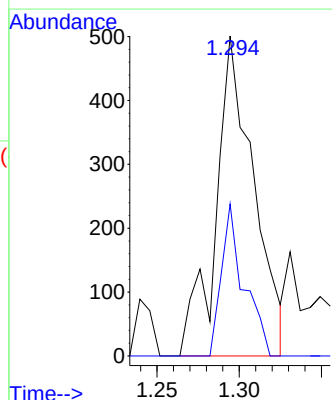
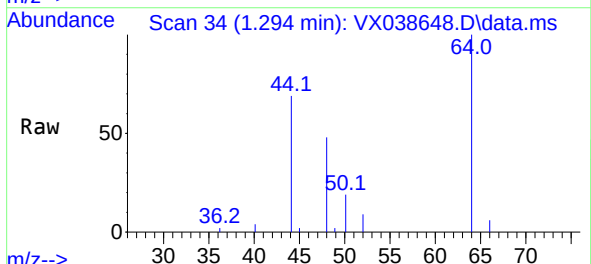
Instrument :
MSVOA_X
ClientSampleId :
TB-12

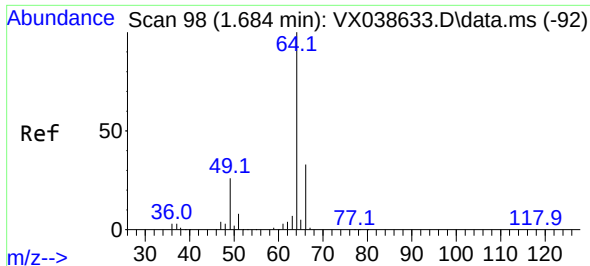
Tgt Ion:168 Resp: 274602
Ion Ratio Lower Upper
168 100
99 50.6 56.6 85.0#



#3
Chloromethane
Concen: 0.326 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Tgt Ion: 50 Resp: 804
Ion Ratio Lower Upper
50 100
52 47.5 25.5 38.3#

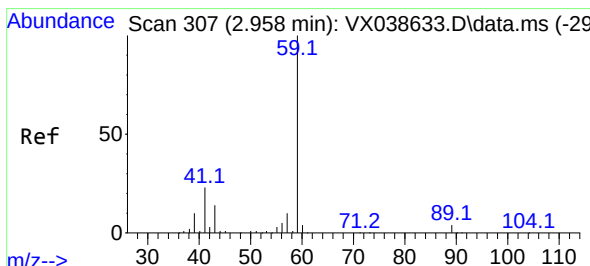
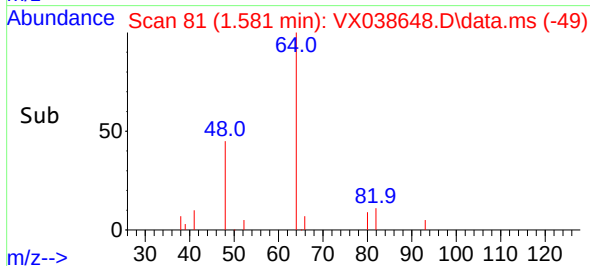
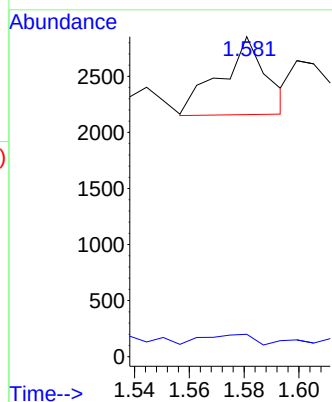
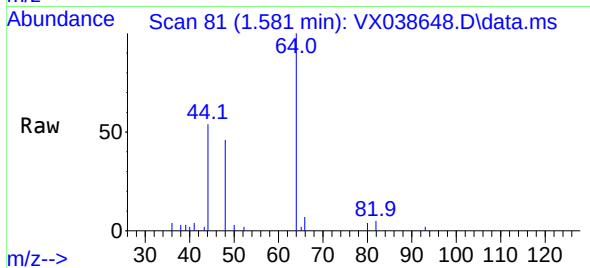




#6
Chloroethane
Concen: 0.488 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.103 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

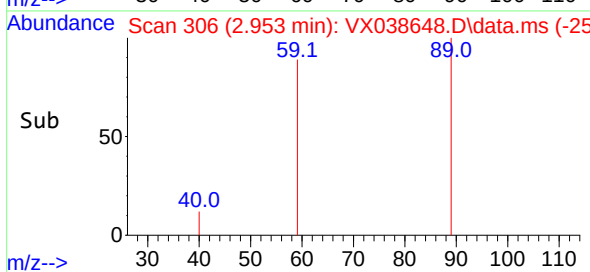
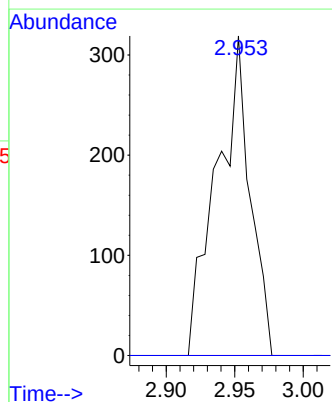
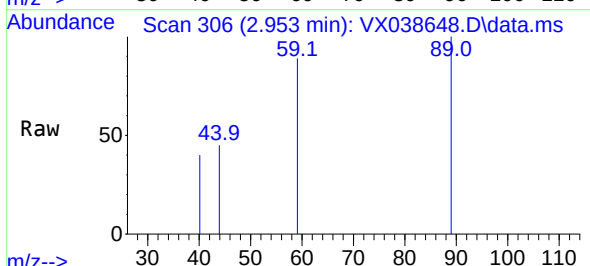
Instrument :
MSVOA_X
ClientSampleId :
TB-12

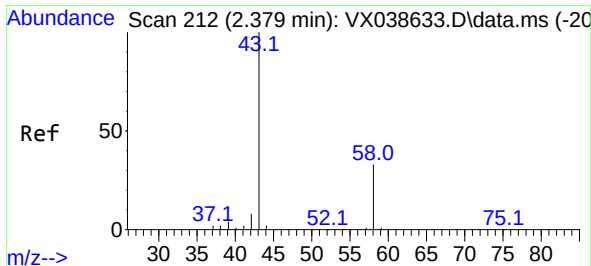
Tgt Ion: 64 Resp: 810
Ion Ratio Lower Upper
64 100
66 13.2 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.776 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Tgt Ion: 59 Resp: 542
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

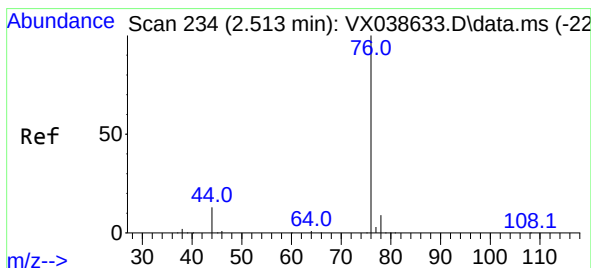
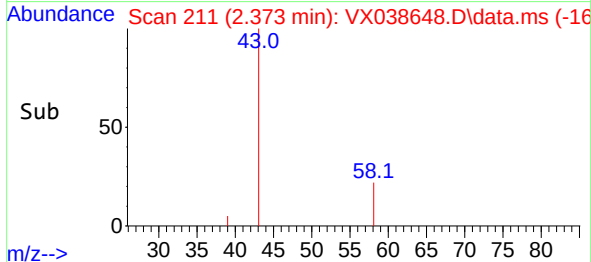
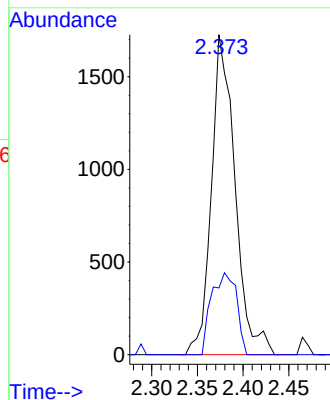
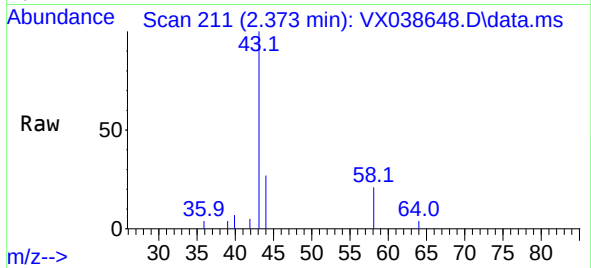




#16
Acetone
Concen: 2.158 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

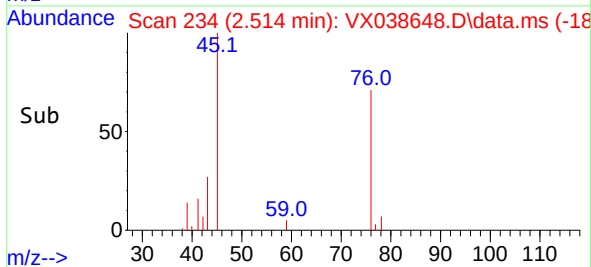
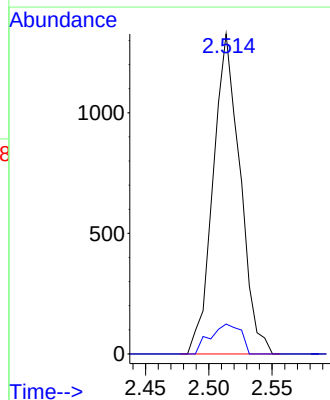
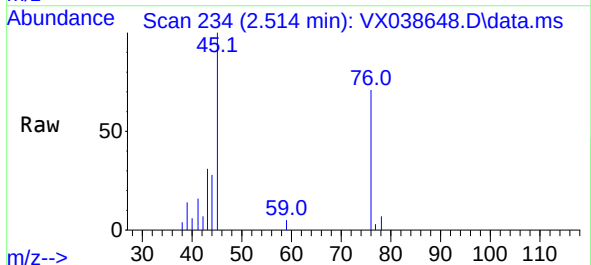
Instrument :
MSVOA_X
ClientSampleId :
TB-12

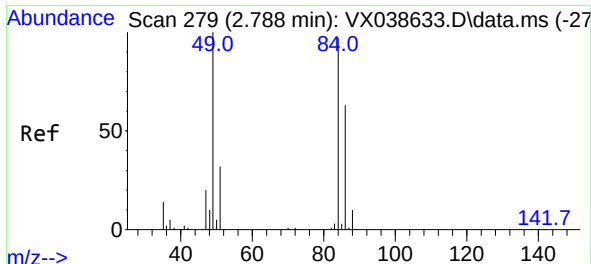
Tgt Ion: 43 Resp: 3107
Ion Ratio Lower Upper
43 100
58 20.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Tgt Ion: 76 Resp: 1970
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

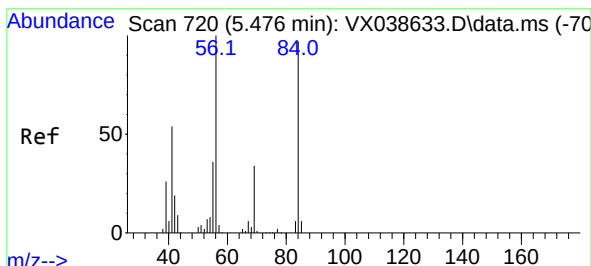
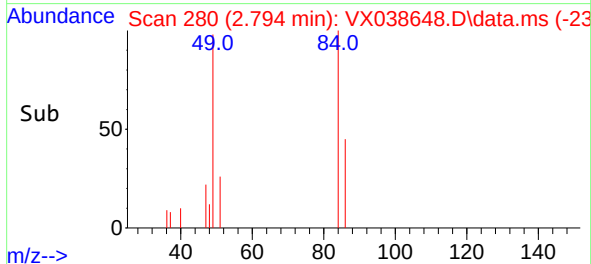
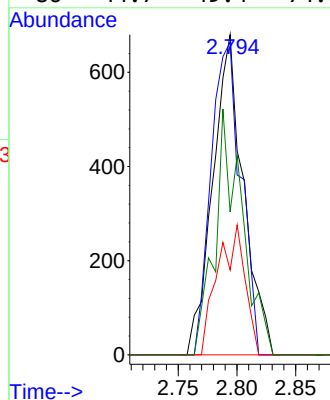
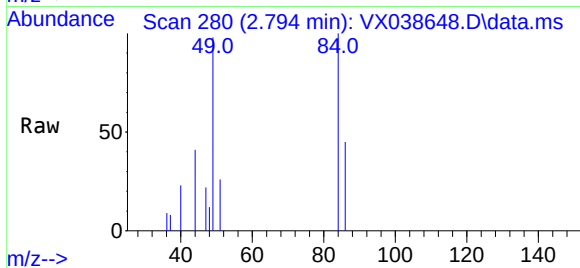




#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

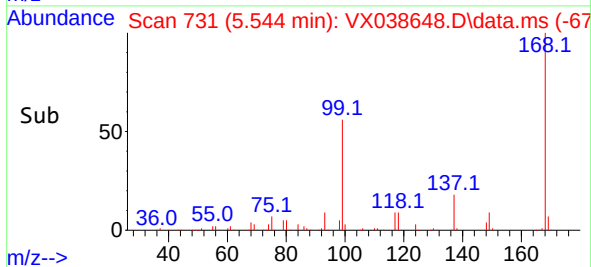
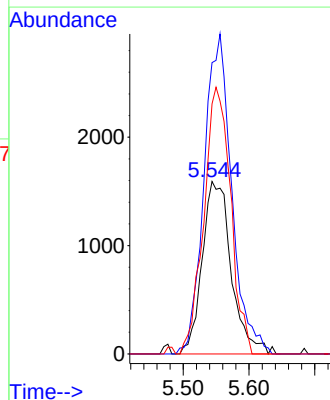
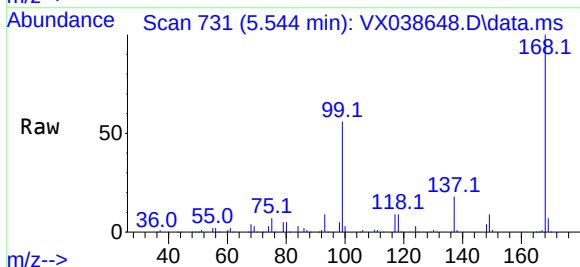
Instrument :
MSVOA_X
ClientSampleId :
TB-12

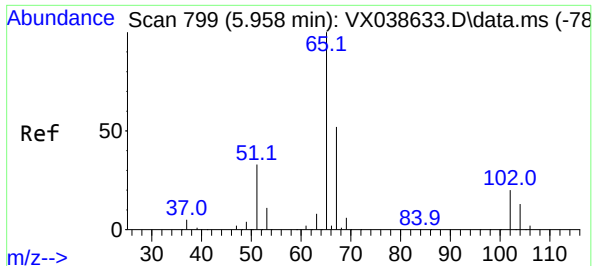
Tgt Ion:	84	Resp:	1235
Ion	Ratio	Lower	Upper
84	100		
49	97.6	103.6	155.4#
51	26.5	33.8	50.6#
86	44.7	49.4	74.0#



#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Tgt Ion:	56	Resp:	4891
Ion	Ratio	Lower	Upper
56	100		
69	169.0	23.4	35.2#
84	145.1	65.9	98.9#

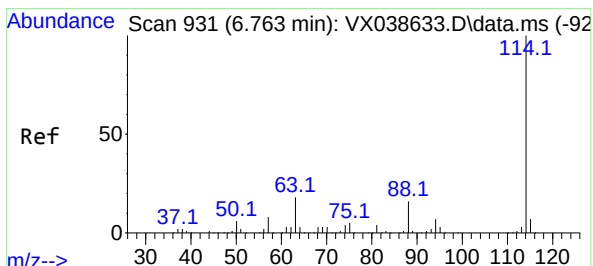
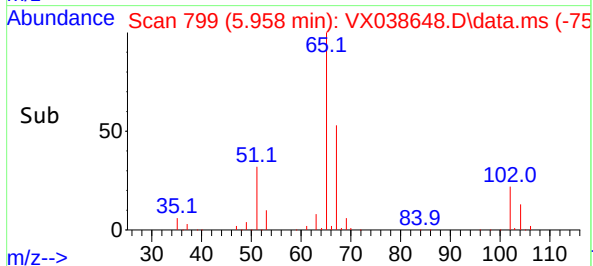
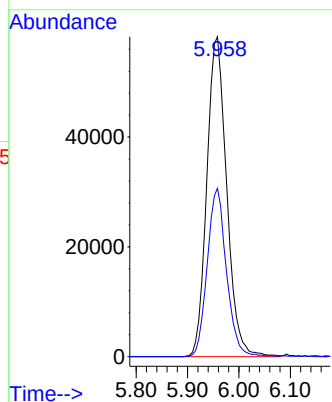
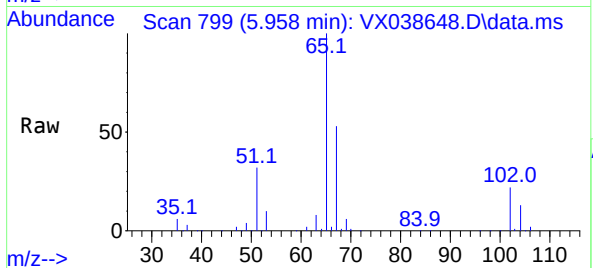




#33
1,2-Dichloroethane-d4
Concen: 45.709 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

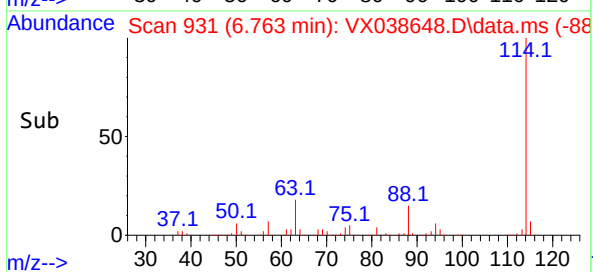
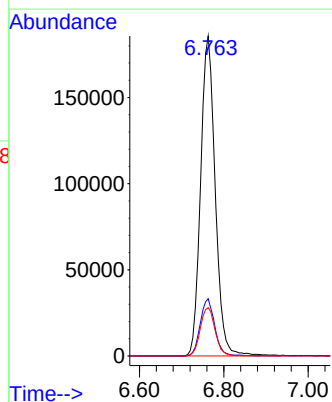
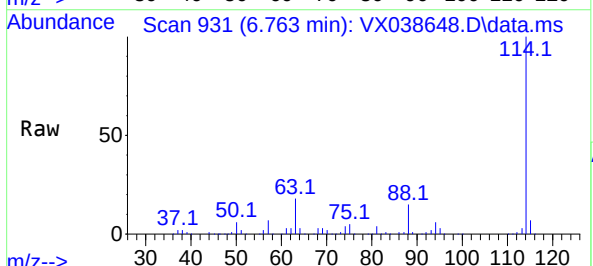
Instrument :
MSVOA_X
ClientSampleId :
TB-12

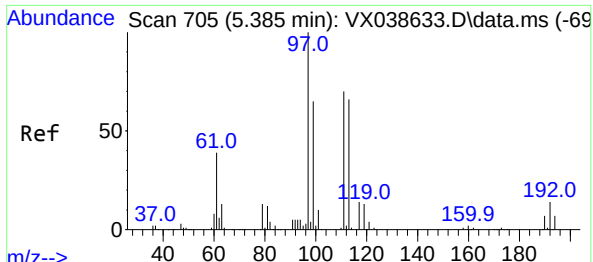
Tgt Ion: 65 Resp: 156267
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Tgt Ion:114 Resp: 449188
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.1 0.0 36.6

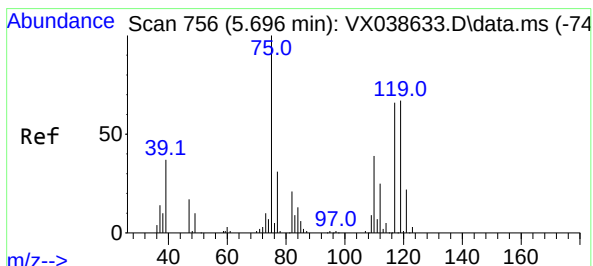
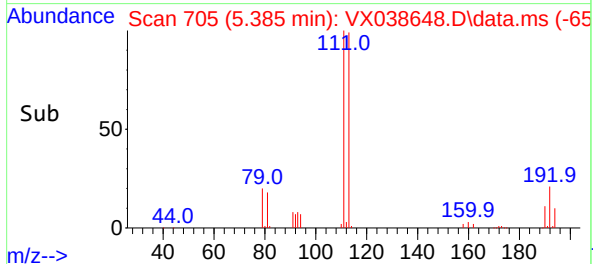
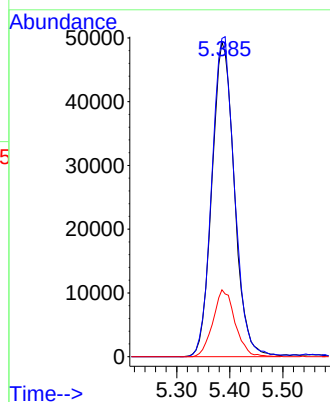
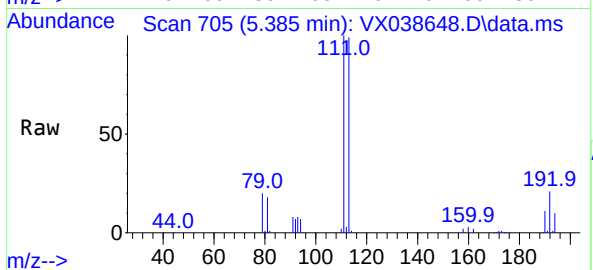




#35
 Dibromofluoromethane
 Concen: 44.766 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038648.D
 Acq: 08 Nov 2023 12:12

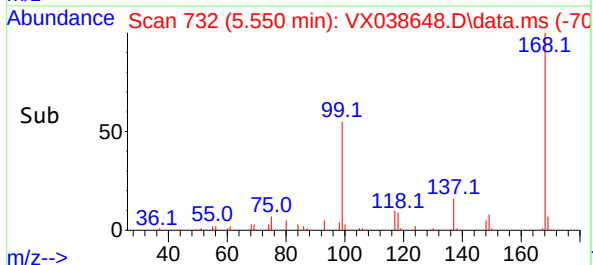
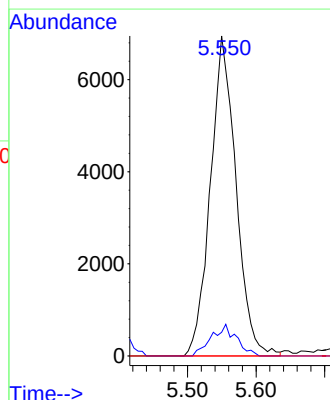
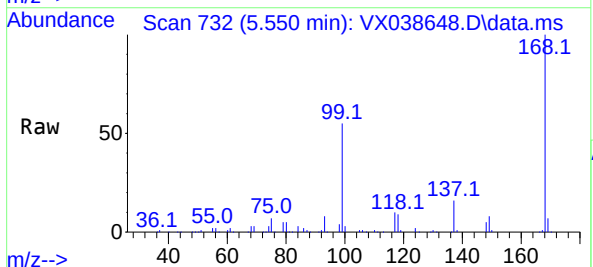
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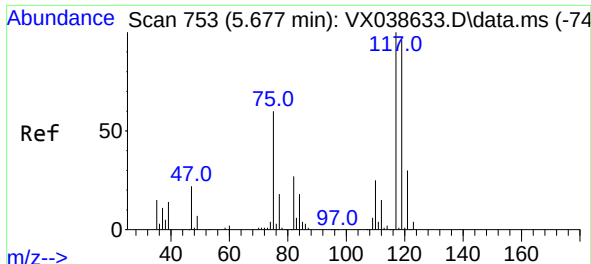
Tgt Ion:113 Resp: 144827
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 21.0 13.3 19.9#



#36
 1,1-Dichloropropene
 Concen: 4.488 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX038648.D
 Acq: 08 Nov 2023 12:12

Tgt Ion: 75 Resp: 18036
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 50.9#
 77 0.0 24.7 37.1#

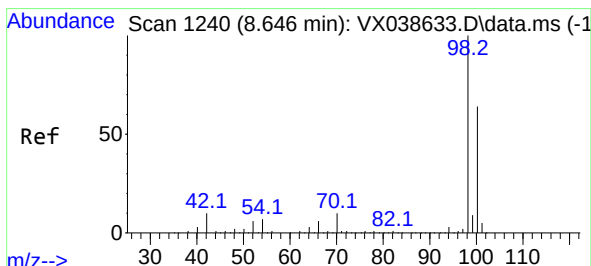
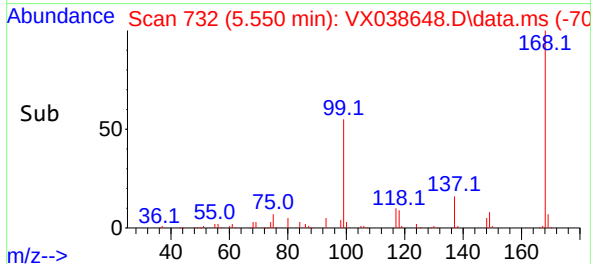
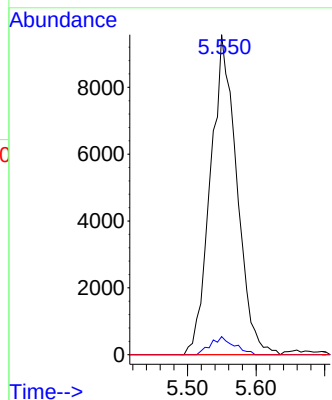
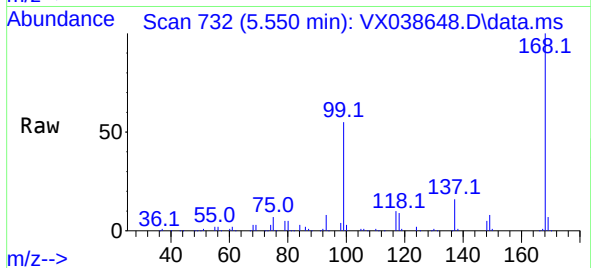




#38
Carbon Tetrachloride
Concen: 5.680 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

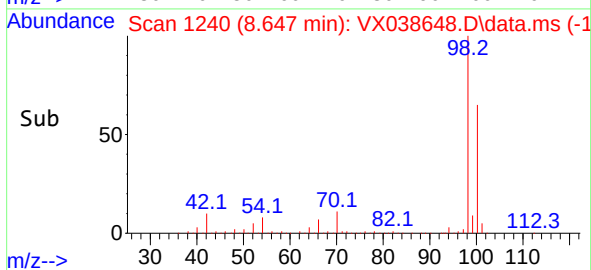
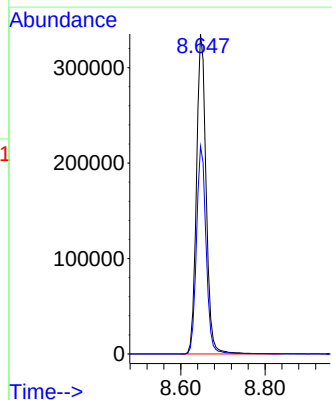
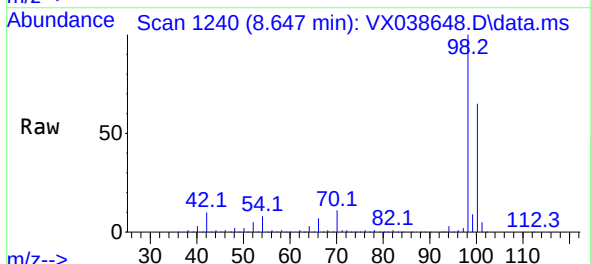
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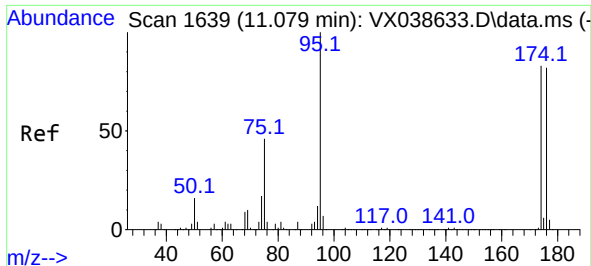
Tgt Ion:117 Resp: 25518
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Tgt Ion: 98 Resp: 532490
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

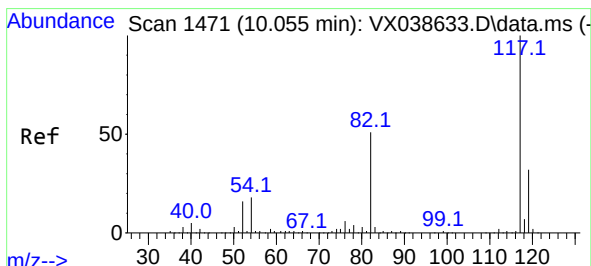
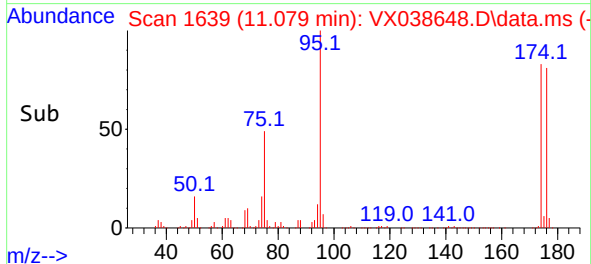
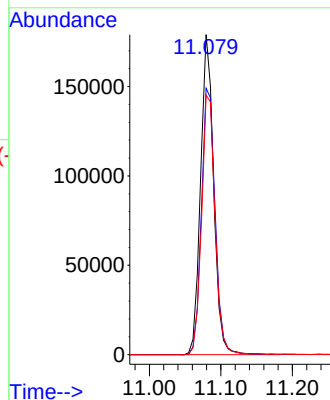
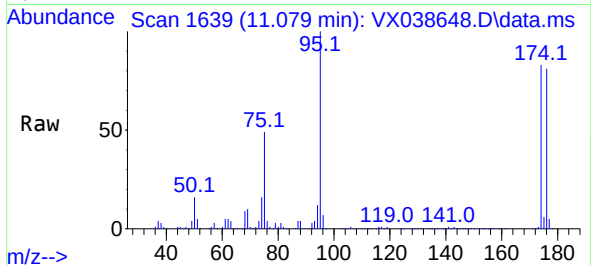




#62
4-Bromofluorobenzene
Concen: 50.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

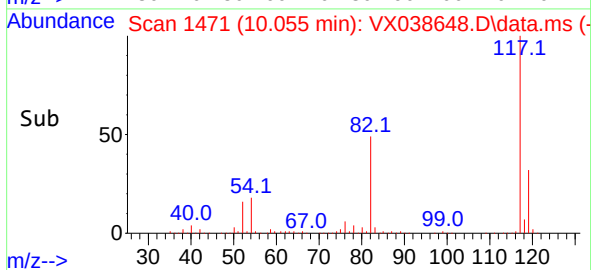
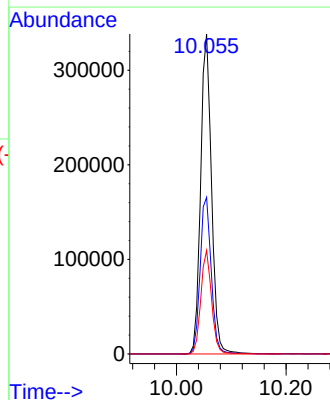
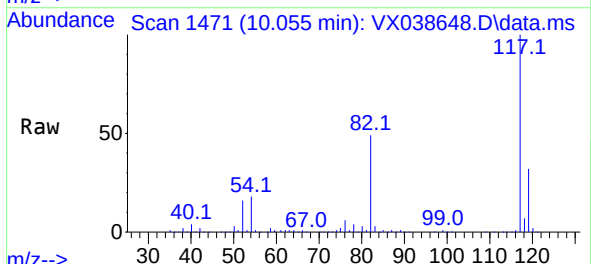
Instrument :
MSVOA_X
ClientSampleId :
TB-12

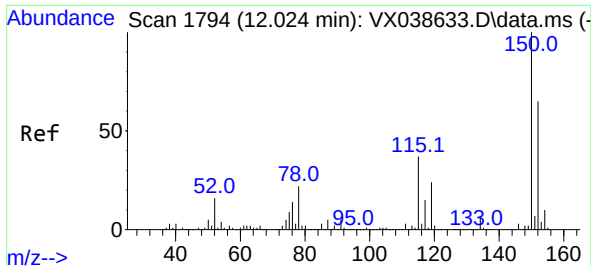
Tgt Ion: 95 Resp: 226896
Ion Ratio Lower Upper
95 100
174 88.0 0.0 135.6
176 83.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Tgt Ion: 117 Resp: 467444
Ion Ratio Lower Upper
117 100
82 48.9 46.2 69.4
119 32.3 25.5 38.3

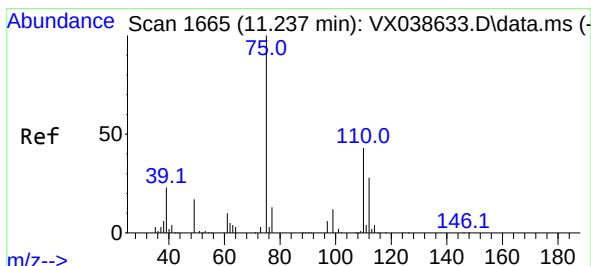
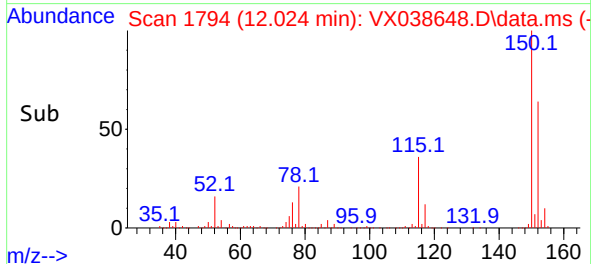
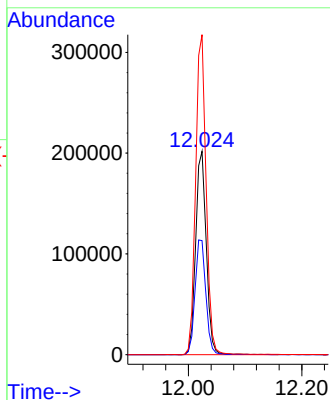
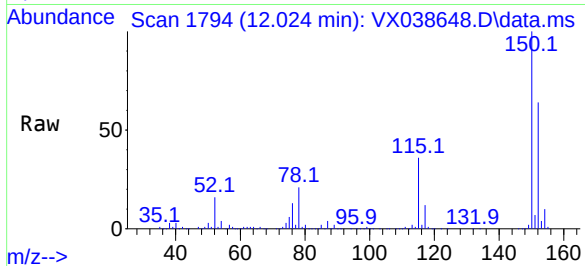




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038648.D
 Acq: 08 Nov 2023 12:12

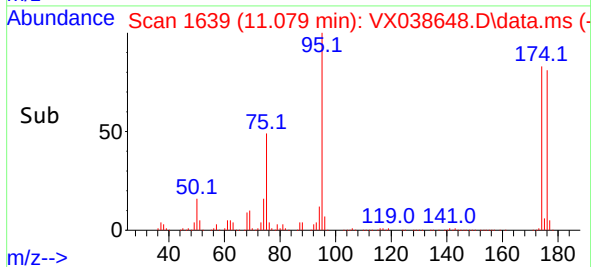
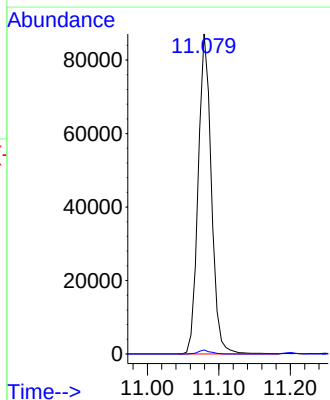
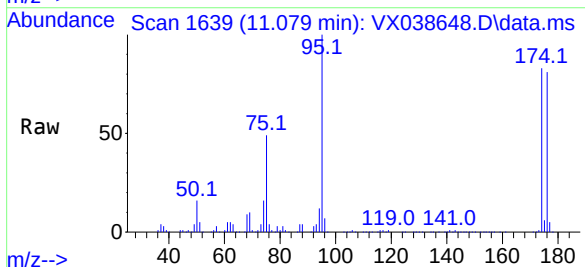
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-12

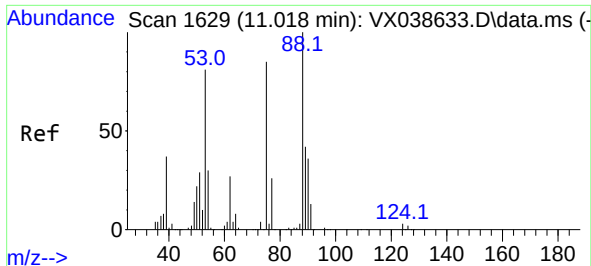
Tgt Ion:152 Resp: 262029
 Ion Ratio Lower Upper
 152 100
 115 57.5 43.3 129.9
 150 155.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.412 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038648.D
 Acq: 08 Nov 2023 12:12

Tgt Ion: 75 Resp: 111119
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

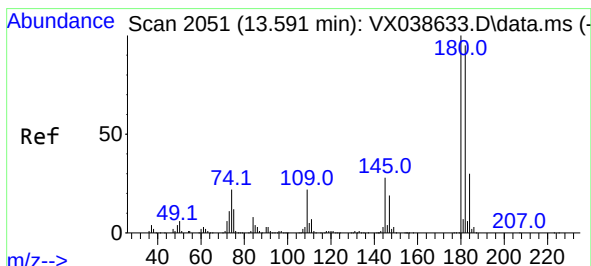
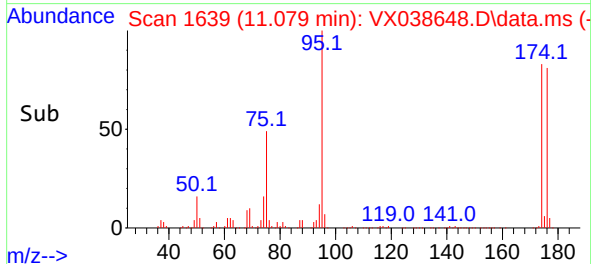
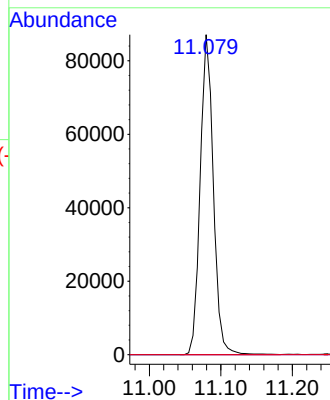
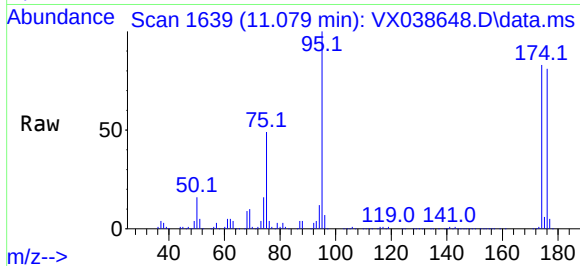




#81
trans-1,4-Dichloro-2-butene
Concen: 64.944 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB-12

Tgt Ion: 75 Resp: 111119
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX038648.D
Acq: 08 Nov 2023 12:12

Tgt Ion:180 Resp: 1471
Ion Ratio Lower Upper
180 100
182 89.3 48.3 144.8
145 30.7 18.0 54.0

