

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036750.D
 Acq On : 01 Aug 2023 15:50
 Operator : JC/MD
 Sample : 03856-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-04

Quant Time: Aug 02 06:25:32 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	5.556	168	130595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88039	45.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.120%
35) Dibromofluoromethane	5.391	113	74564	46.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	8.647	98	277555	48.508	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	98428	45.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%

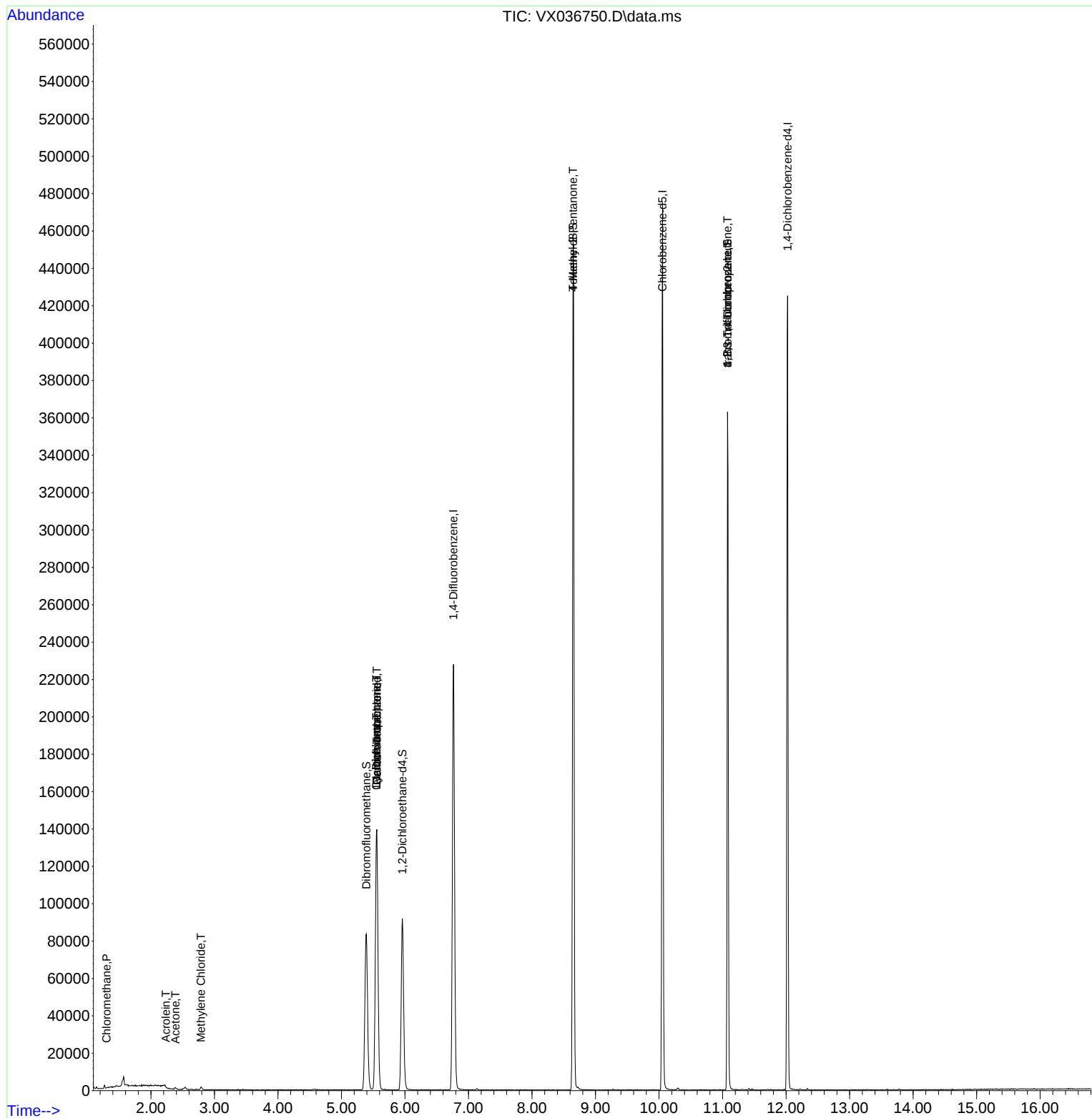
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	365	0.233	ug/l #	43
13) Acrolein	2.233	56	180	0.689	ug/l #	67
16) Acetone	2.386	43	1137	1.418	ug/l	92
20) Methylene Chloride	2.788	84	782	0.439	ug/l	95
31) Cyclohexane	5.550	56	3057	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10547	4.386	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13625	5.329	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1321	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51426	24.958	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51426	56.569	ug/l #	5

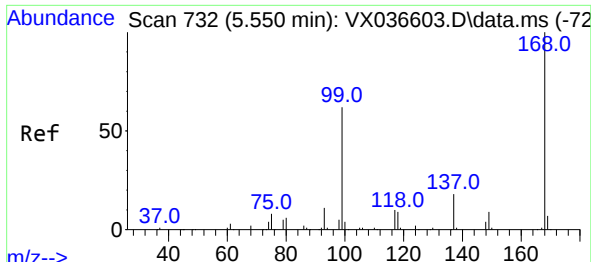
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

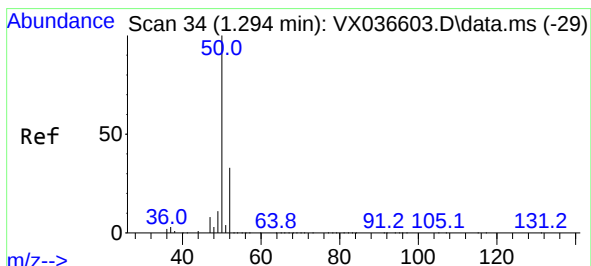
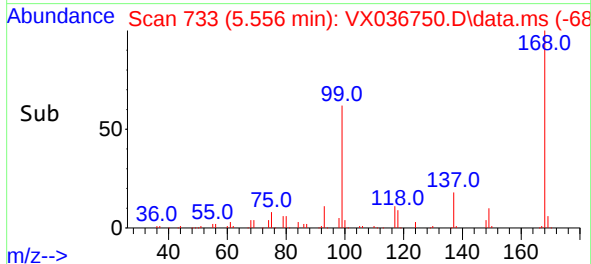
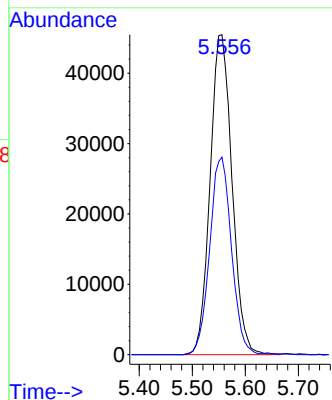
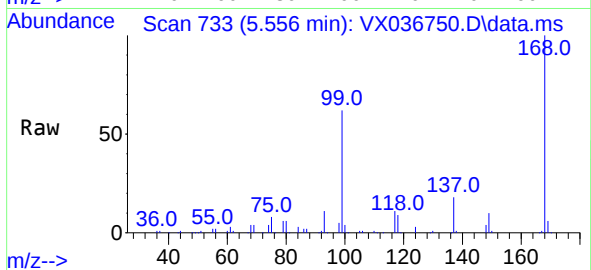




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

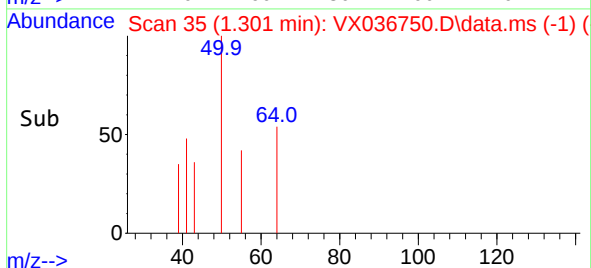
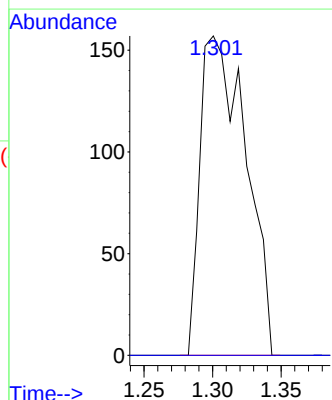
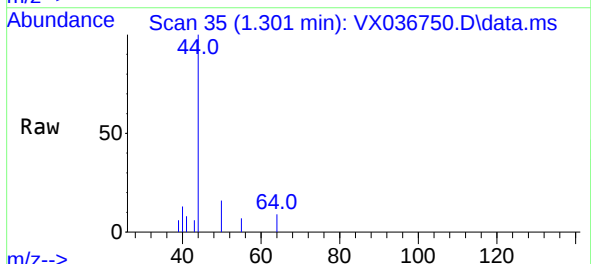
Instrument :
MSVOA_X
ClientSampleId :
TB-04

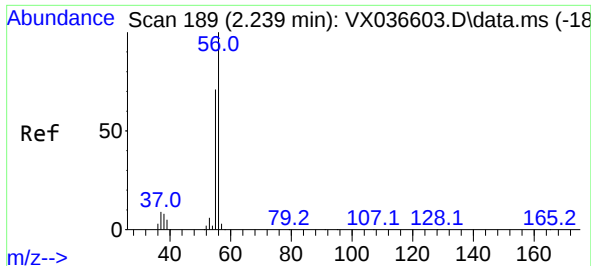
Tgt Ion:168 Resp: 130595
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

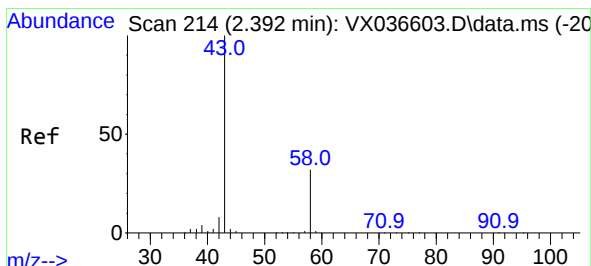
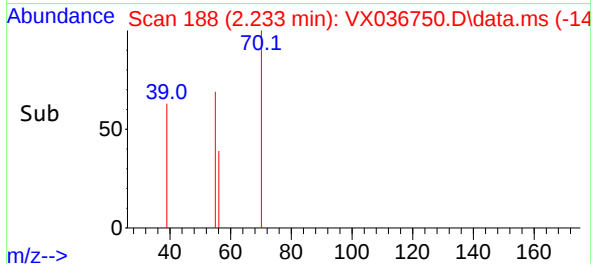
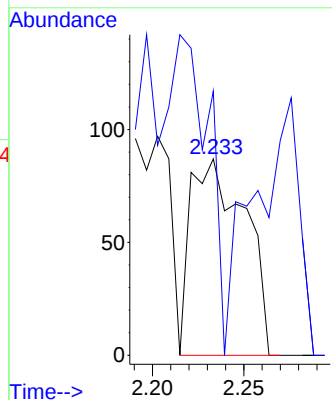
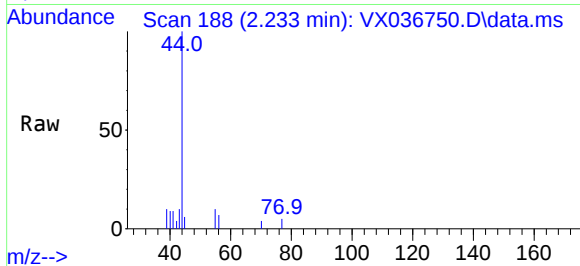




#13
Acrolein
Concen: 0.689 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

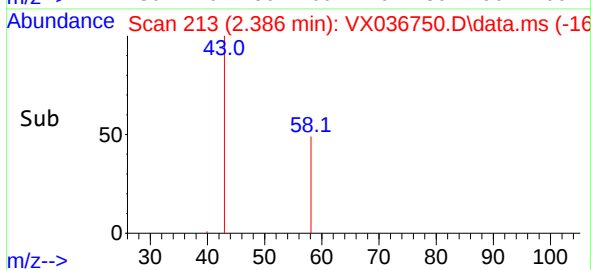
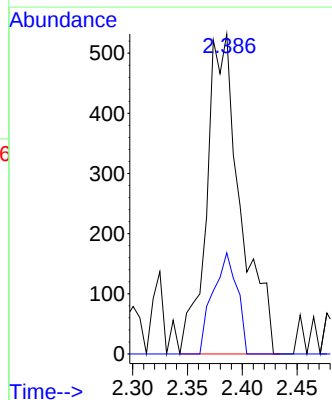
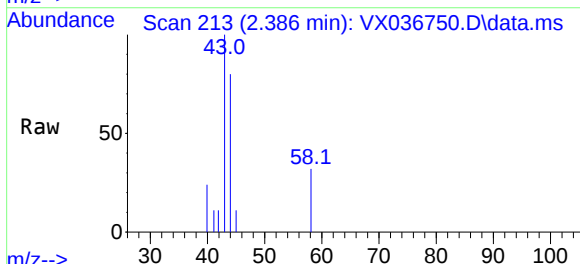
Instrument :
MSVOA_X
ClientSampleId :
TB-04

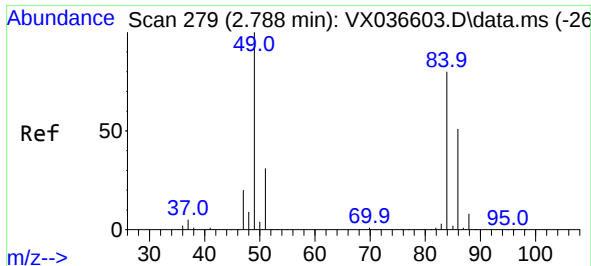
Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 98.9 57.1 85.7#



#16
Acetone
Concen: 1.418 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



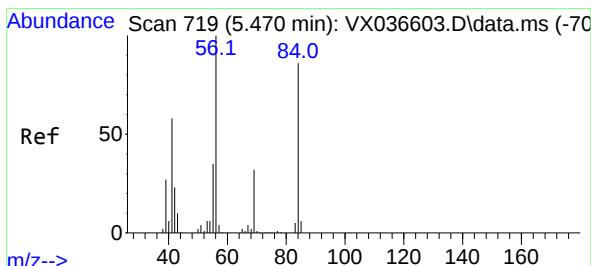
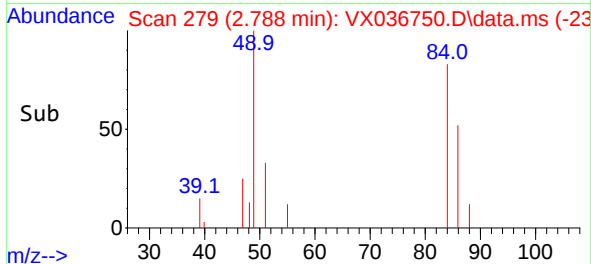
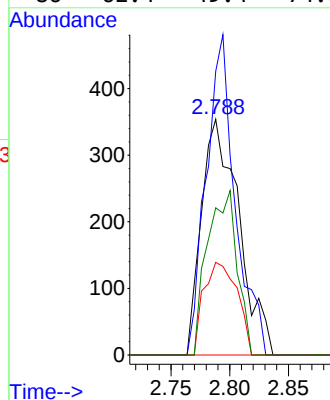
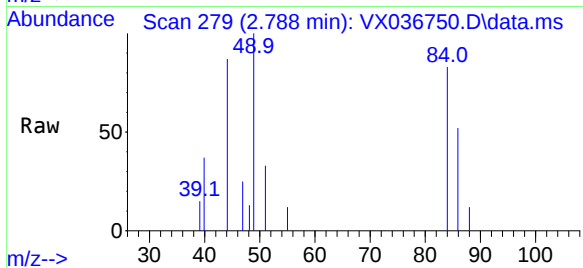


#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :
TB-04

Tgt Ion: 84 Resp: 782

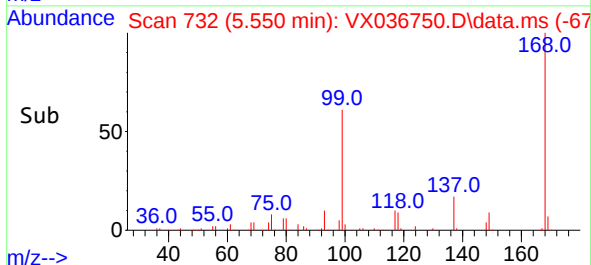
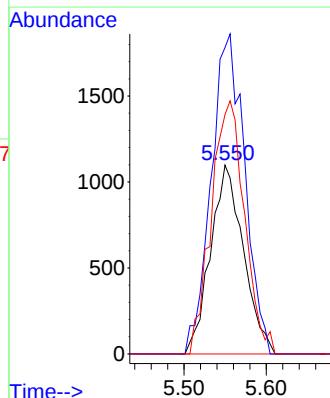
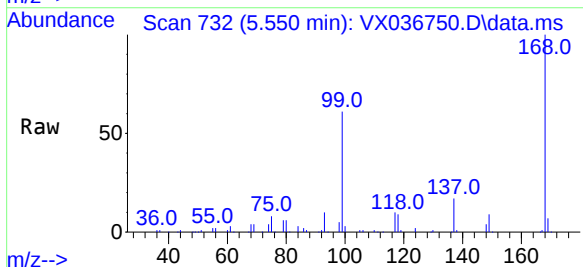
Ion	Ratio	Lower	Upper
84	100		
49	120.3	103.6	155.4
51	39.3	33.8	50.6
86	62.4	49.4	74.0

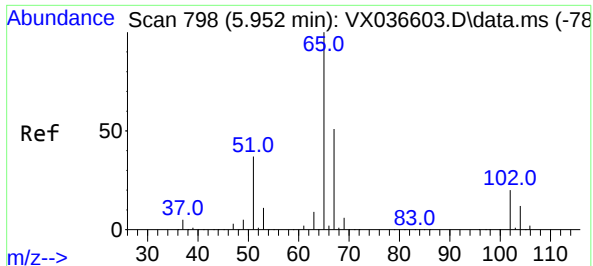


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion: 56 Resp: 3057

Ion	Ratio	Lower	Upper
56	100		
69	162.3	23.4	35.2#
84	126.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.561 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036750.D

Acq: 01 Aug 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

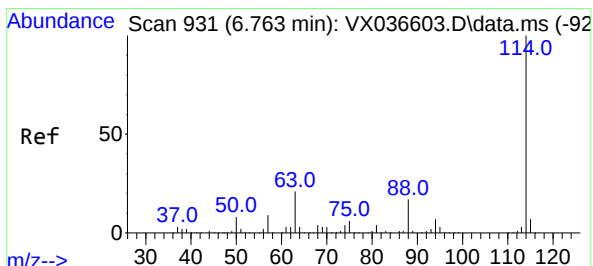
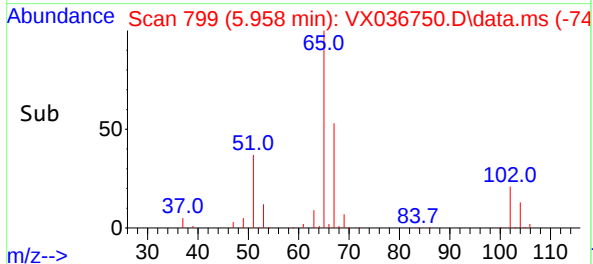
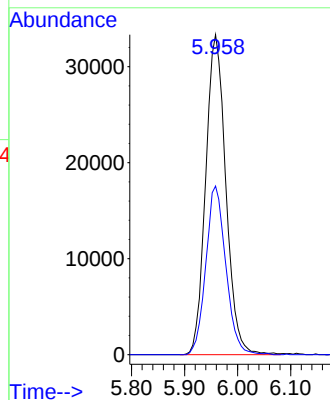
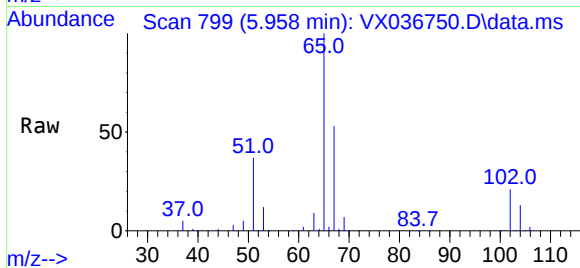
TB-04

Tgt Ion: 65 Resp: 88039

Ion Ratio Lower Upper

65 100

67 52.3 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: VX036750.D

Acq: 01 Aug 2023 15:50

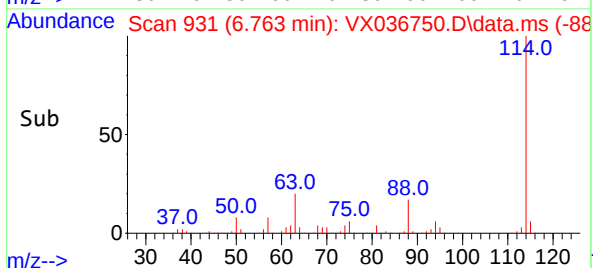
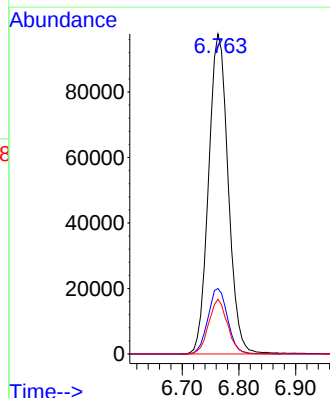
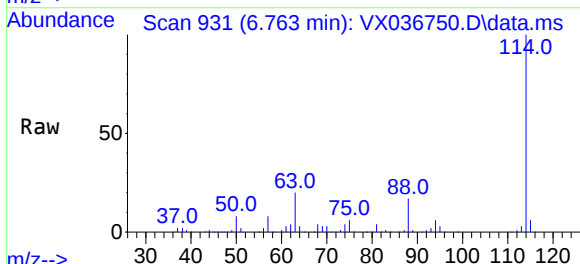
Tgt Ion: 114 Resp: 234744

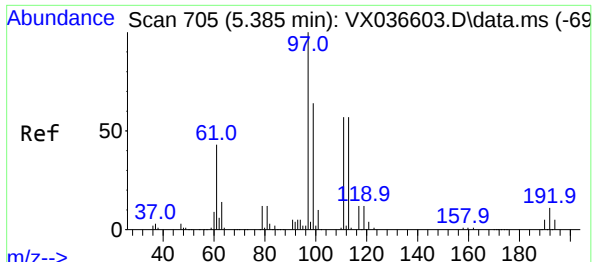
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 17.1 0.0 36.6

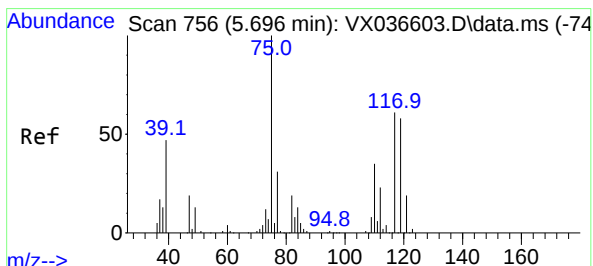
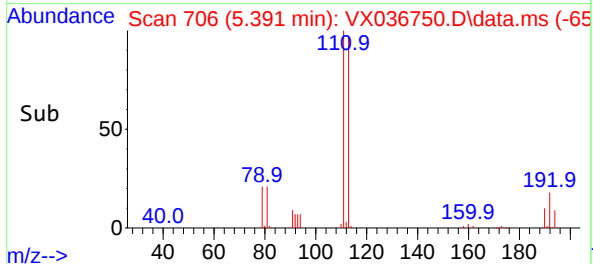
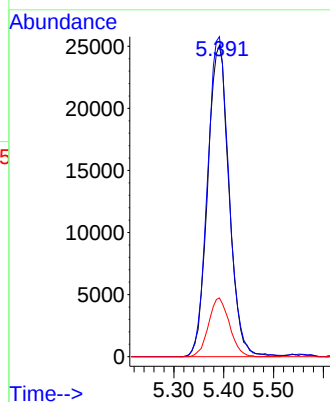
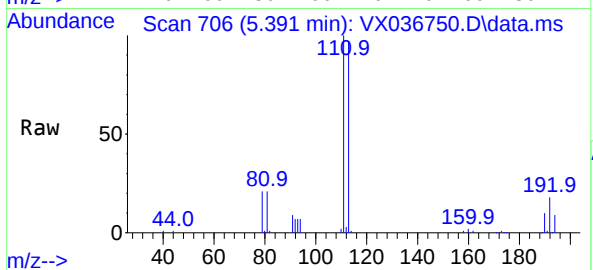




#35
Dibromofluoromethane
Concen: 46.213 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

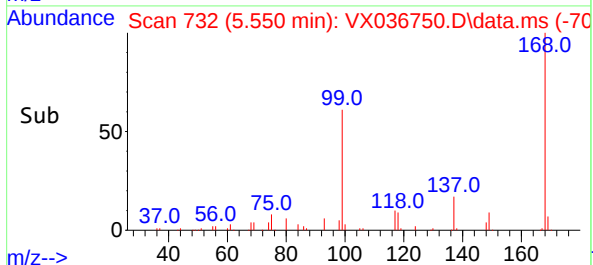
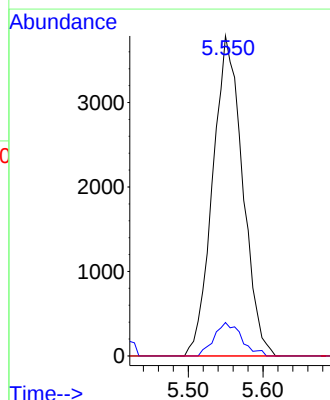
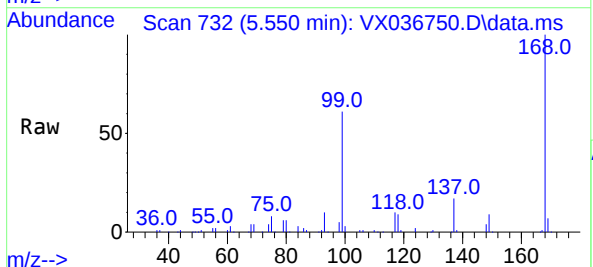
Instrument :
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TB-04

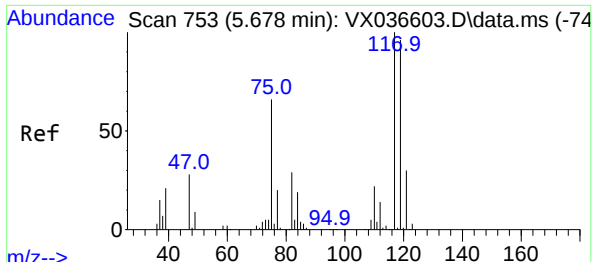
Tgt Ion:	113	Resp:	74564
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	18.4	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion:	75	Resp:	10547
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.0	50.9#
77	0.0	24.7	37.1#

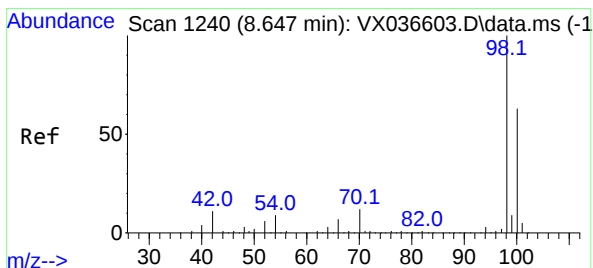
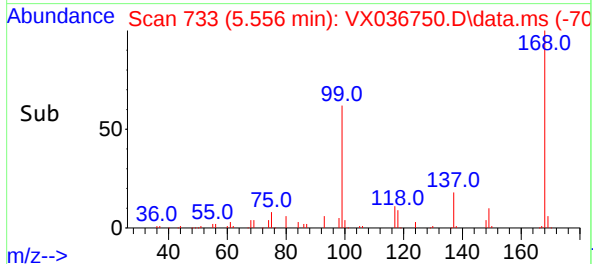
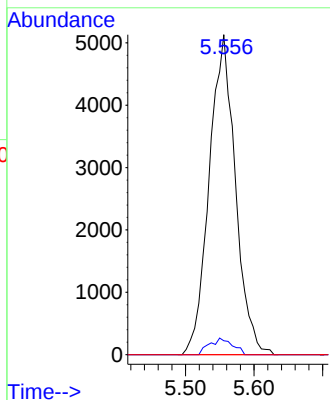
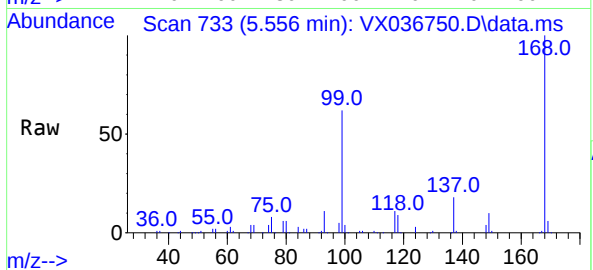




#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

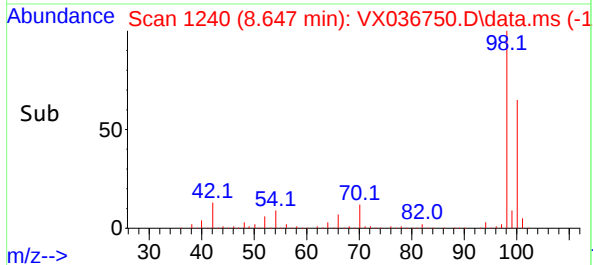
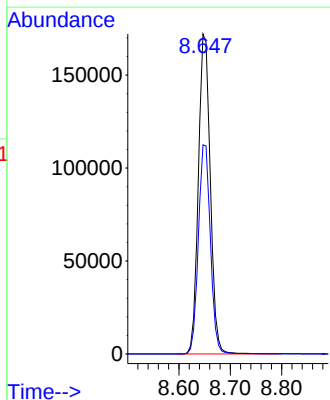
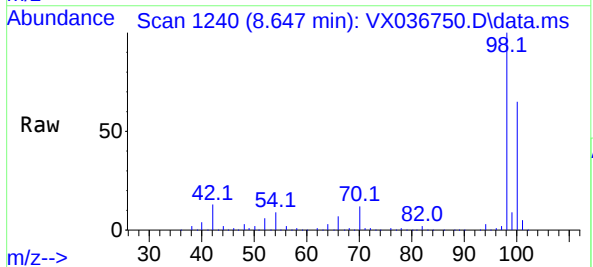
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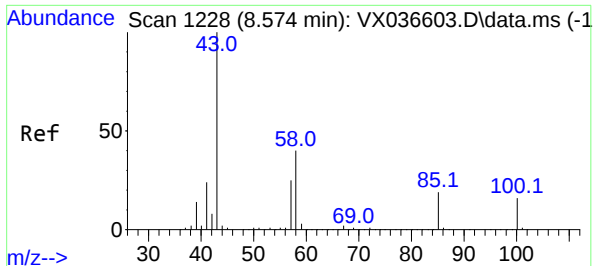
Tgt Ion:117 Resp: 13625
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.508 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion: 98 Resp: 277555
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

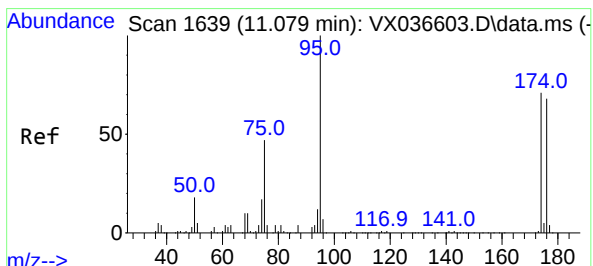
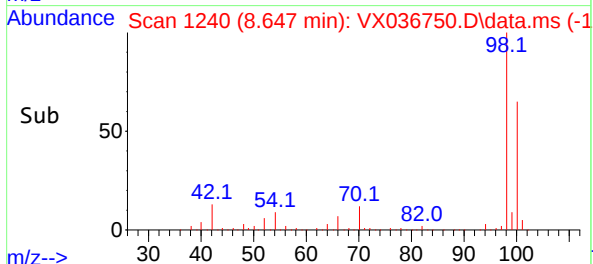
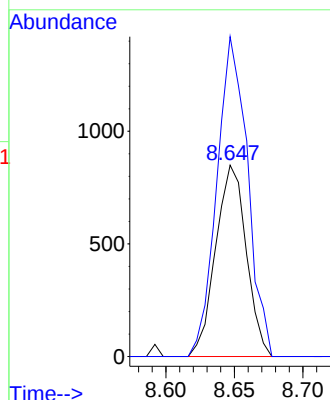
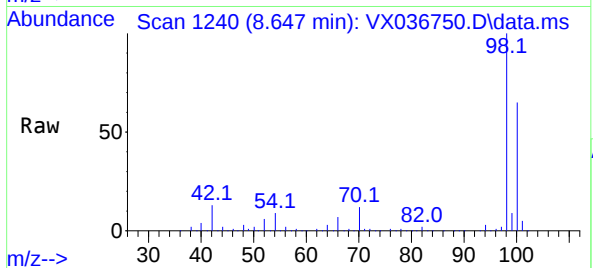




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

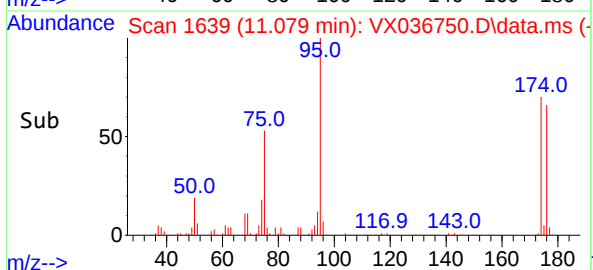
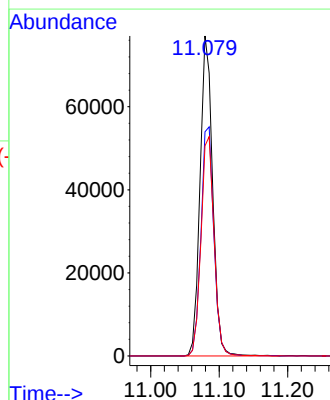
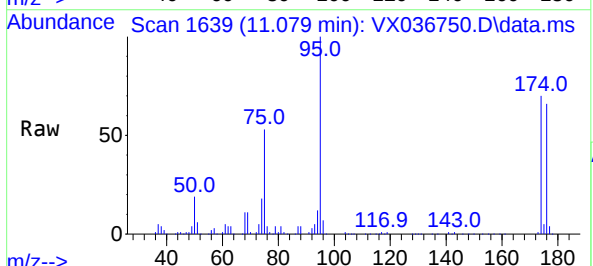
Instrument :
MSVOA_X
ClientSampleId :
TB-04

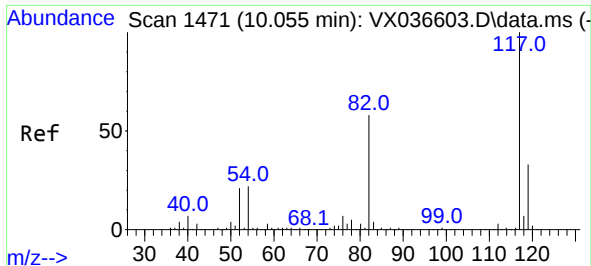
Tgt Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
58 167.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion: 95 Resp: 98428
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 71.3 0.0 131.0

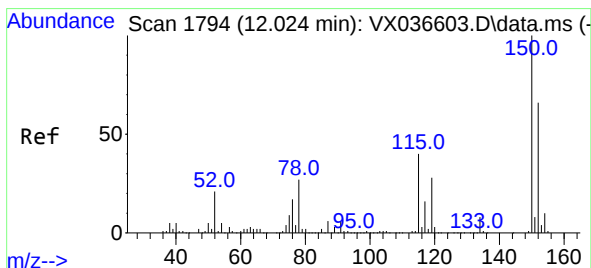
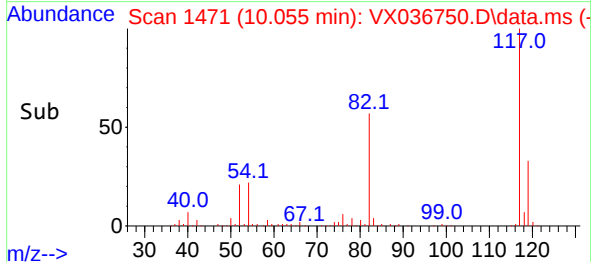
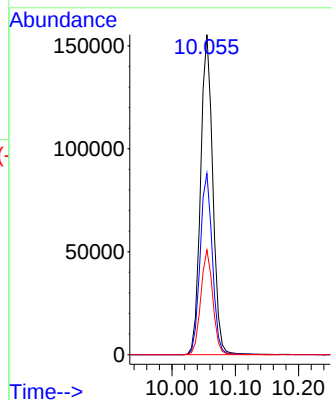
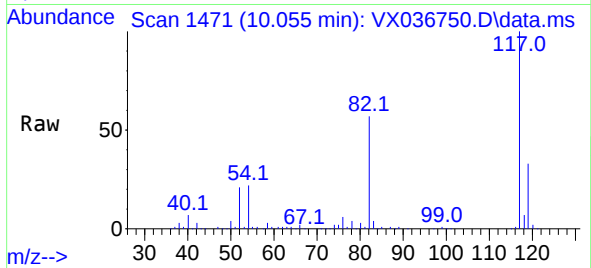




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

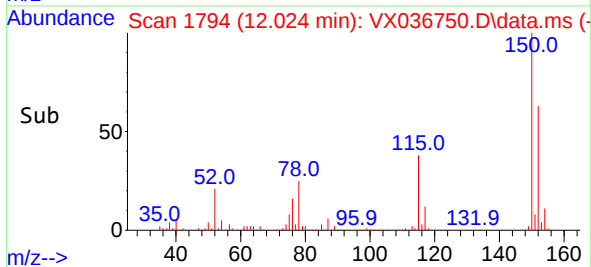
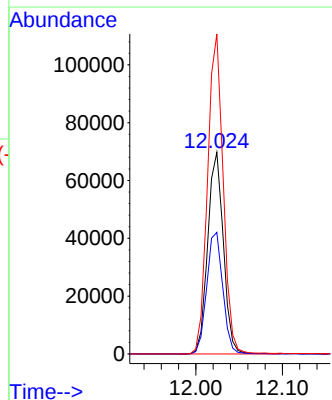
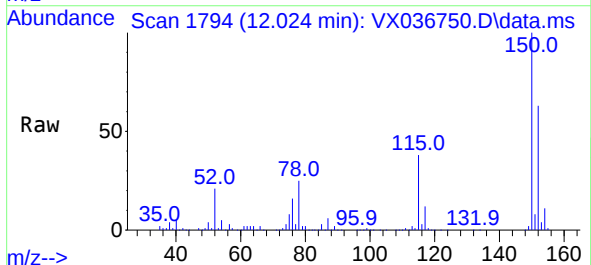
Instrument :
MSVOA_X
ClientSampleId :
TB-04

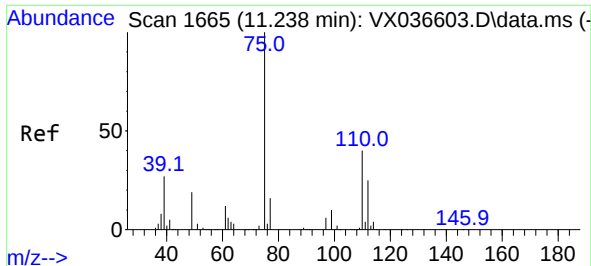
Tgt Ion:117 Resp: 209151
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion:152 Resp: 87602
Ion Ratio Lower Upper
152 100
115 62.0 43.3 129.9
150 158.0 0.0 345.0

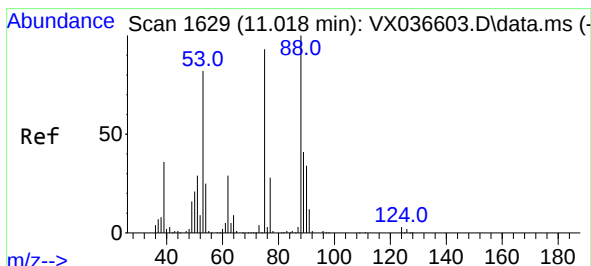
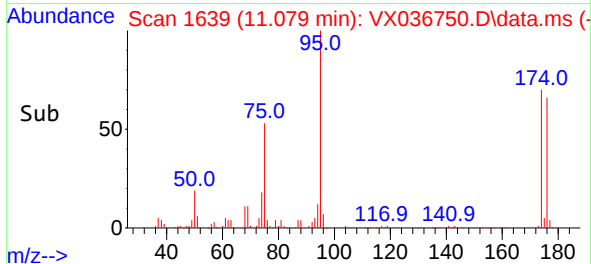
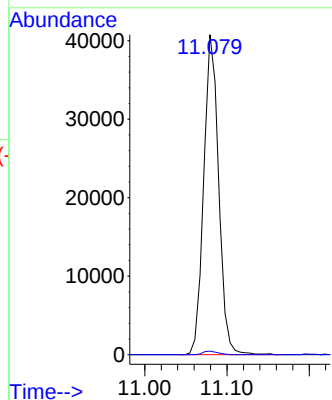
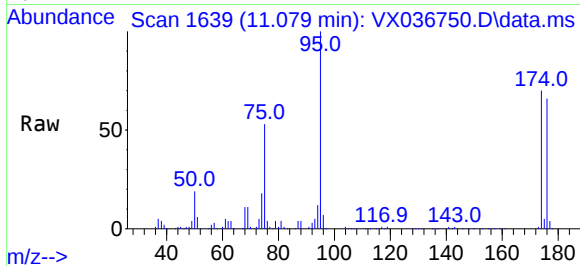




#76
1,2,3-Trichloropropane
Concen: 24.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :
TB-04

Tgt Ion: 75 Resp: 51426
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion: 75 Resp: 51426
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

