

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037560.D
 Acq On : 06 Sep 2023 17:28
 Operator : JC/MD
 Sample : 04287-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-090123

Quant Time: Sep 06 22:47:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

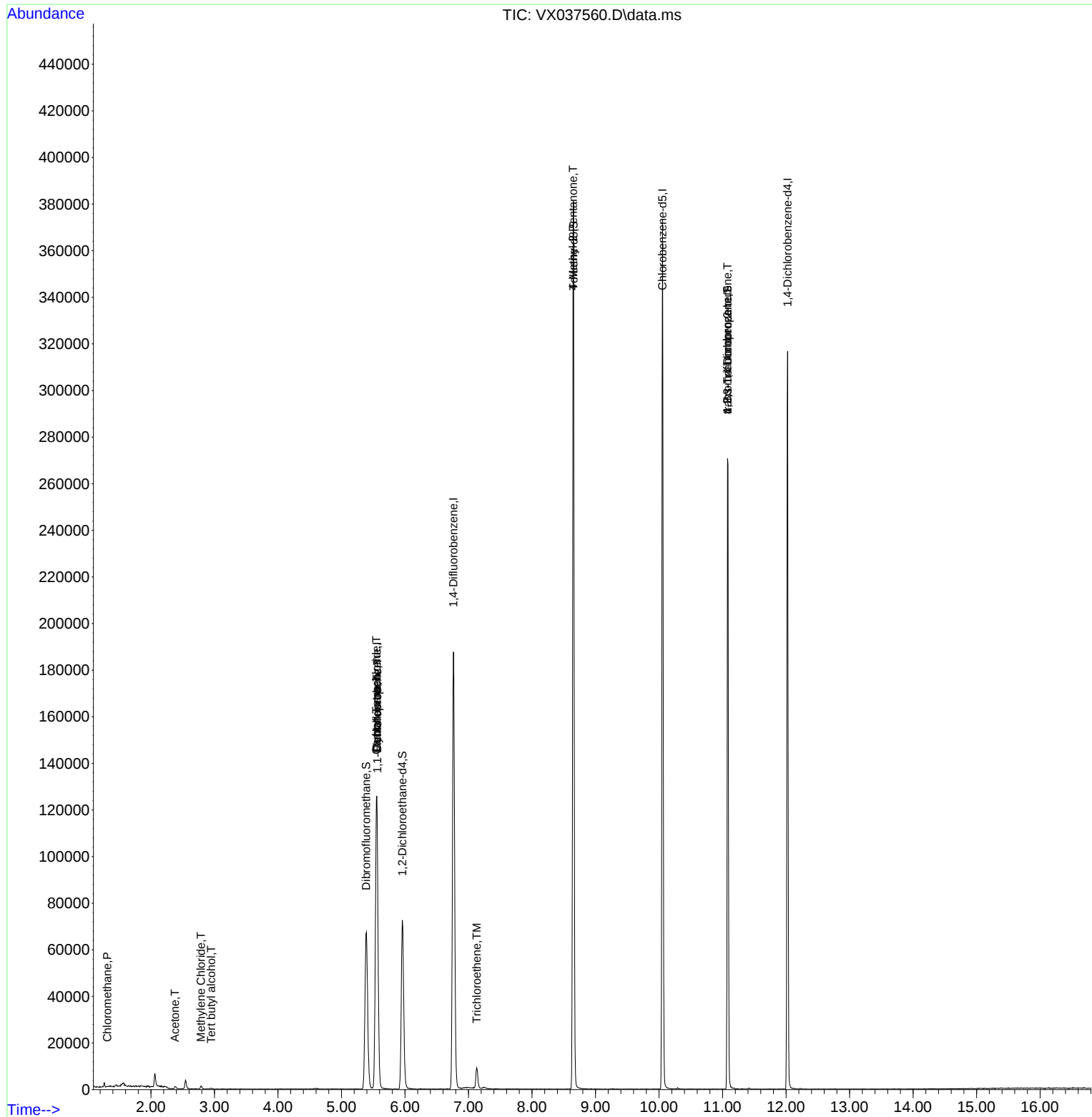
Internal Standards						
1) Pentafluorobenzene	5.556	168	122481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71680	40.594	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.180%
35) Dibromofluoromethane	5.385	113	61818	46.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.653	98	236786	48.658	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.079	95	78778	41.193	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.380%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	258	0.207	ug/l #	43
11) Tert butyl alcohol	2.947	59	144	0.348	ug/l #	78
16) Acetone	2.380	43	1359	1.967	ug/l	93
20) Methylene Chloride	2.788	84	725	0.469	ug/l #	79
31) Cyclohexane	5.556	56	2089	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	8971	4.707	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12641	6.105	ug/l #	15
44) Trichloroethene	7.129	130	3816	2.462	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	875	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37870	26.097	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37870	72.890	ug/l #	5

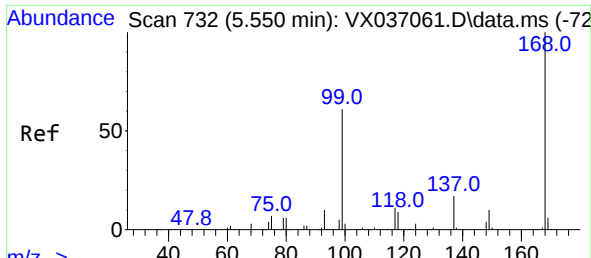
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX037560.D

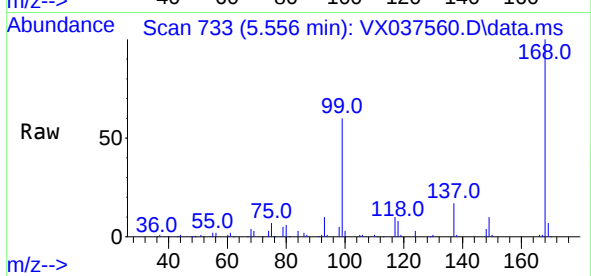
Acq: 06 Sep 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

TB-01-090123

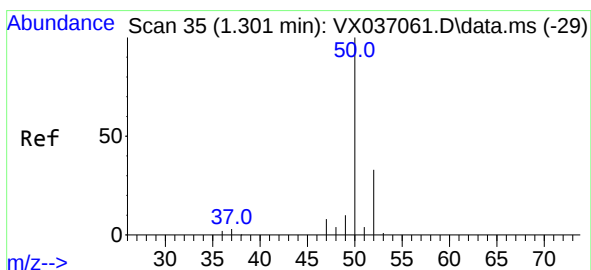
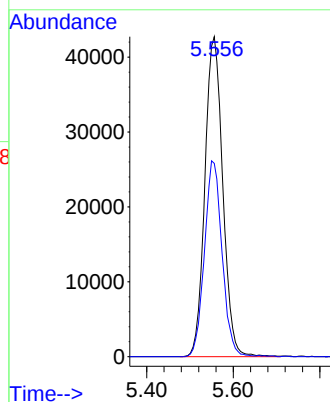


Tgt Ion:168 Resp: 122481

Ion Ratio Lower Upper

168 100

99 60.4 56.6 85.0



#3

Chloromethane

Concen: 0.207 ug/l

RT: 1.313 min Scan# 37

Delta R.T. 0.012 min

Lab File: VX037560.D

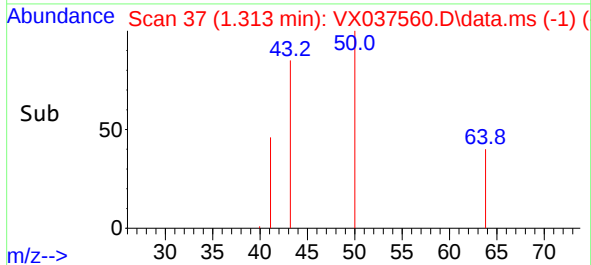
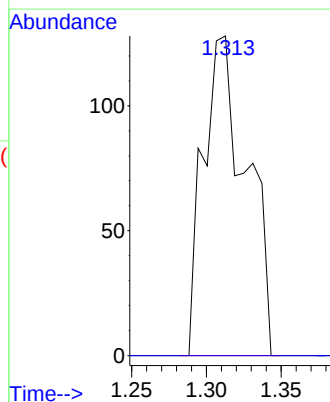
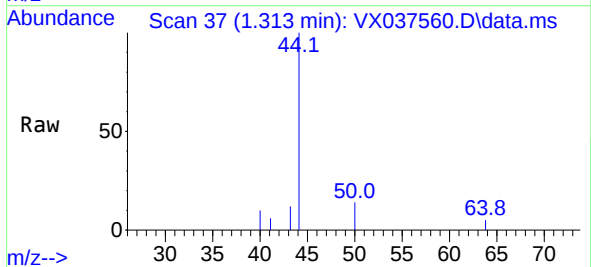
Acq: 06 Sep 2023 17:28

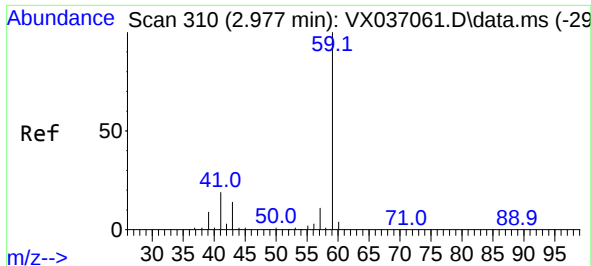
Tgt Ion: 50 Resp: 258

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

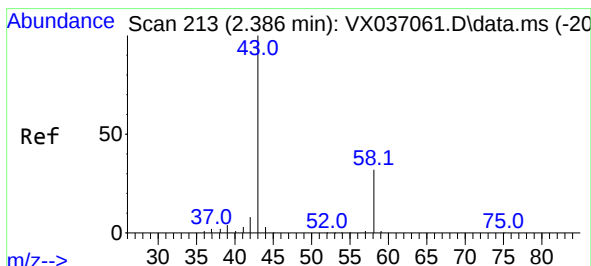
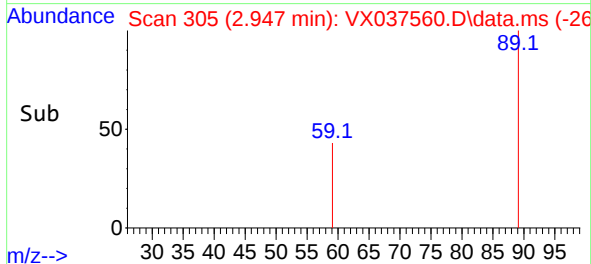
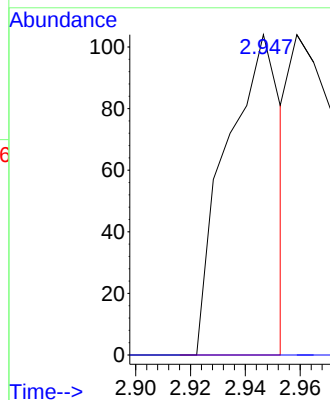
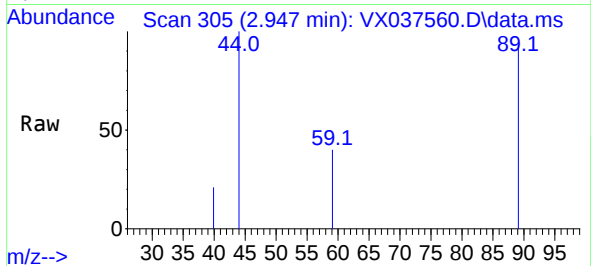




#11
Tert butyl alcohol
Concen: 0.348 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

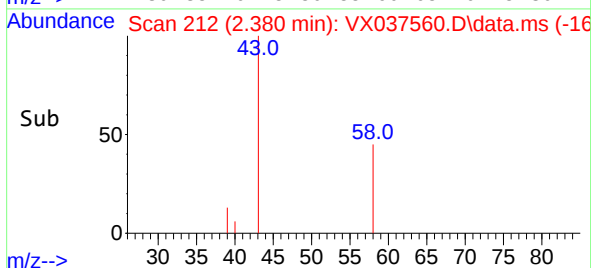
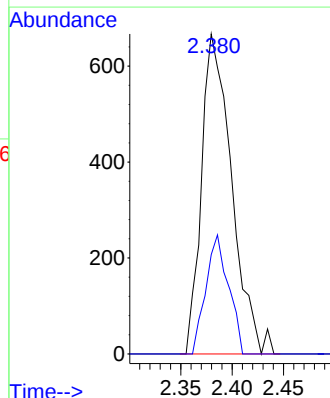
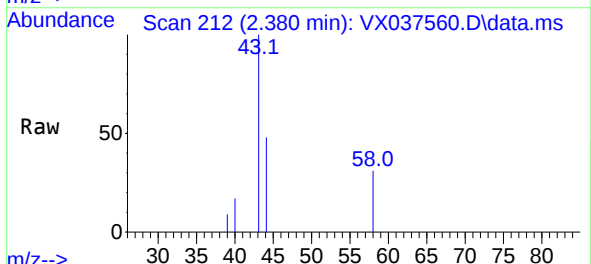
Instrument :
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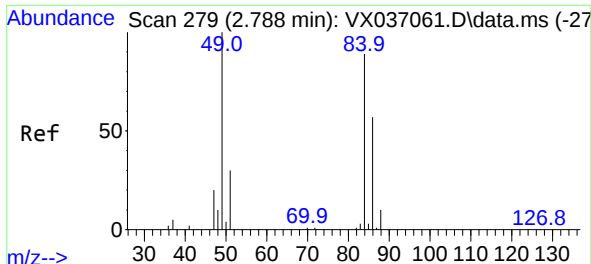
Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.967 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Tgt Ion: 43 Resp: 1359
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9



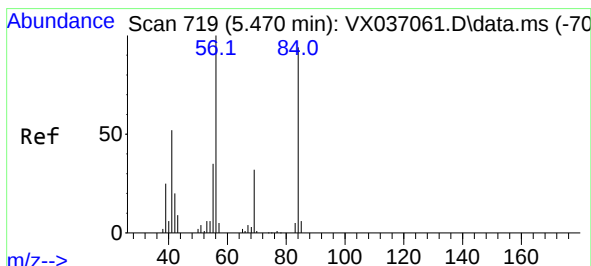
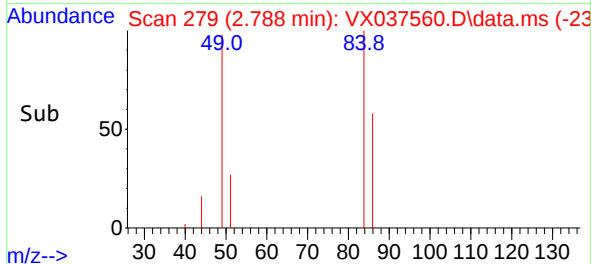
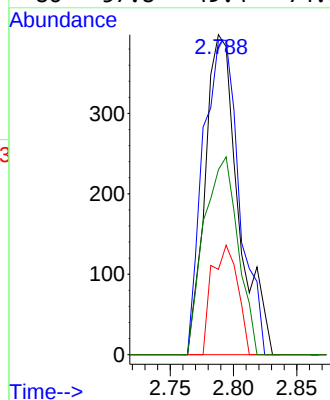
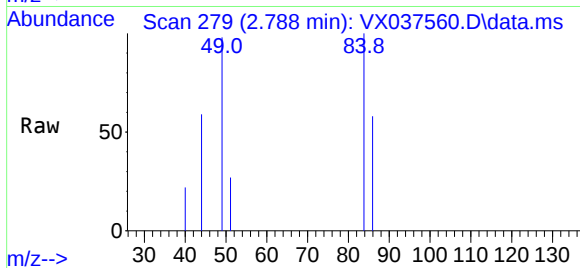


#20
Methylene Chloride
Concen: 0.469 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
TB-01-090123

Tgt Ion: 84 Resp: 725

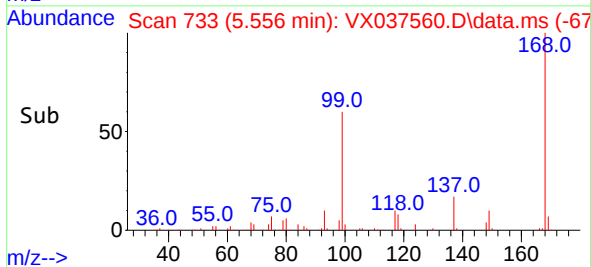
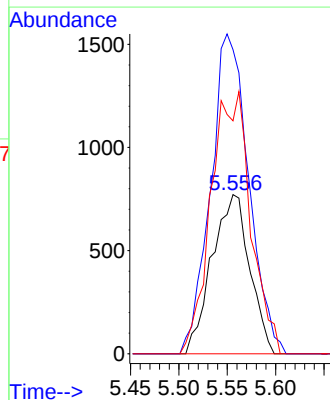
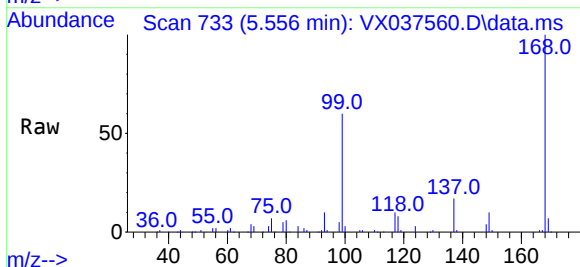
Ion	Ratio	Lower	Upper
84	100		
49	98.2	103.6	155.4#
51	26.6	33.8	50.6#
86	57.8	49.4	74.0

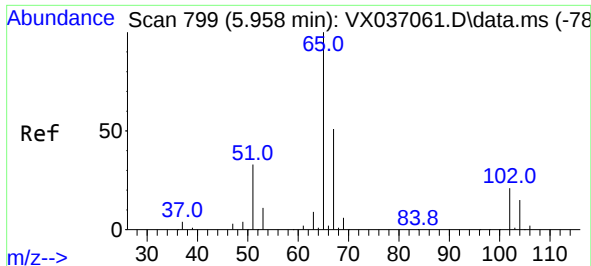


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Tgt Ion: 56 Resp: 2089

Ion	Ratio	Lower	Upper
56	100		
69	190.9	23.4	35.2#
84	146.2	65.9	98.9#

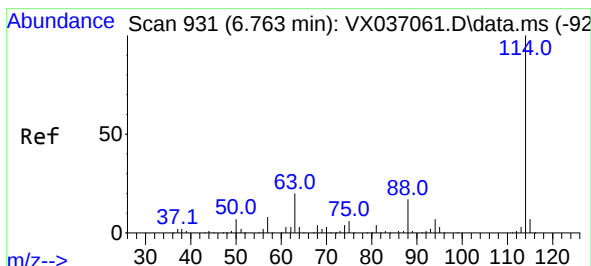
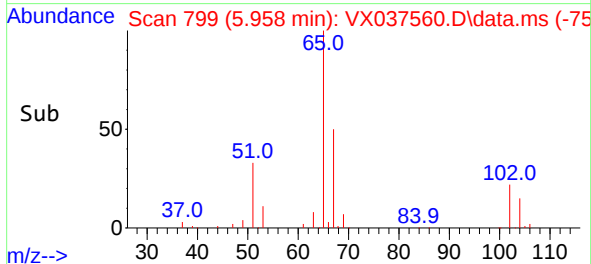
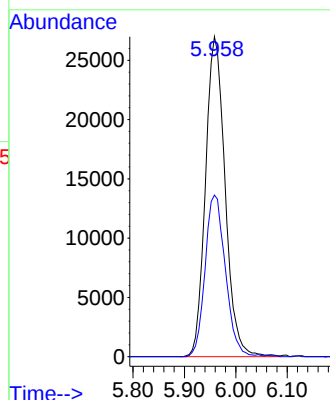
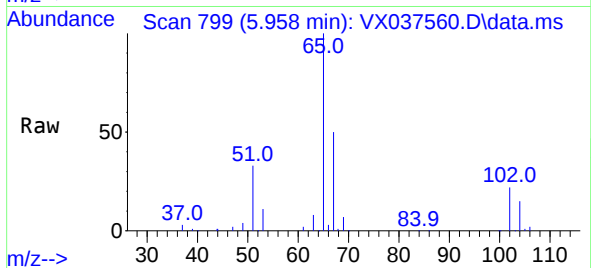




#33
 1,2-Dichloroethane-d4
 Concen: 40.594 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037560.D
 Acq: 06 Sep 2023 17:28

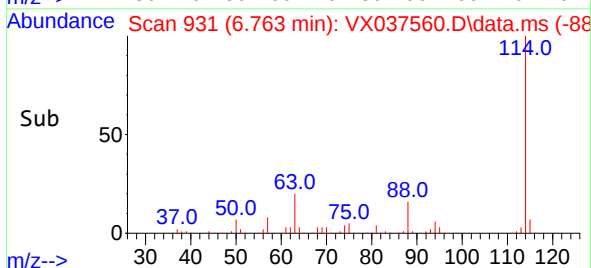
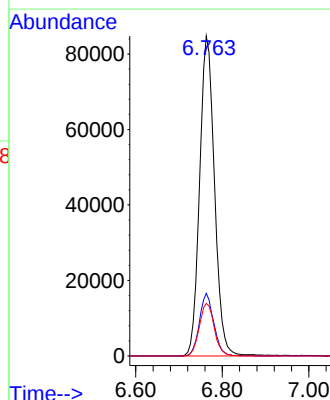
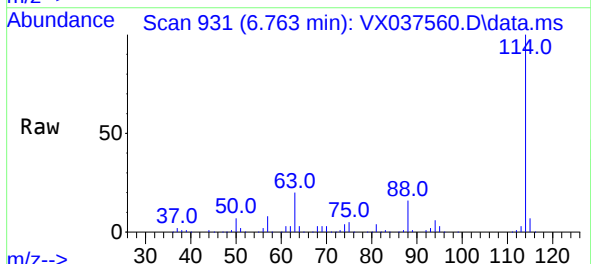
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-090123

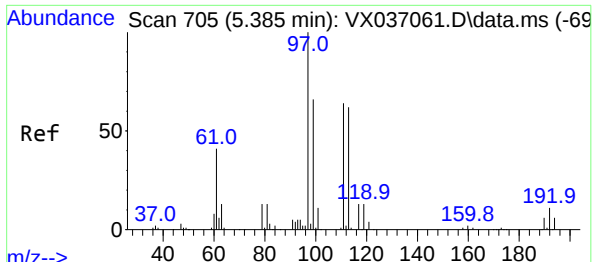
Tgt Ion: 65 Resp: 71680
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037560.D
 Acq: 06 Sep 2023 17:28

Tgt Ion: 114 Resp: 202568
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 16.4 0.0 36.6

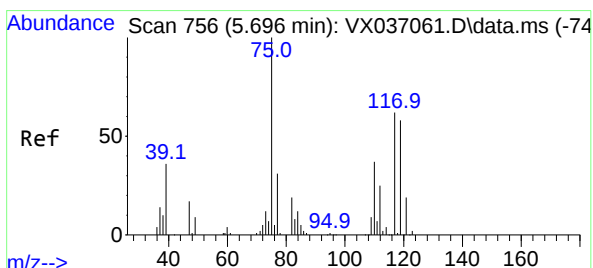
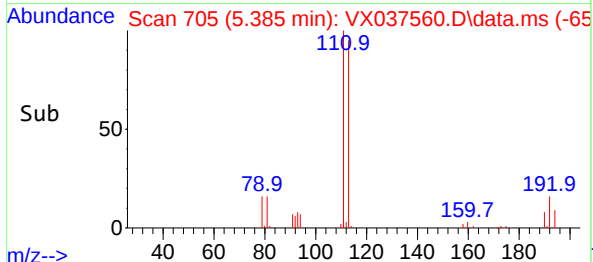
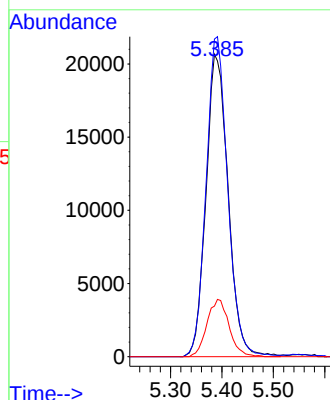
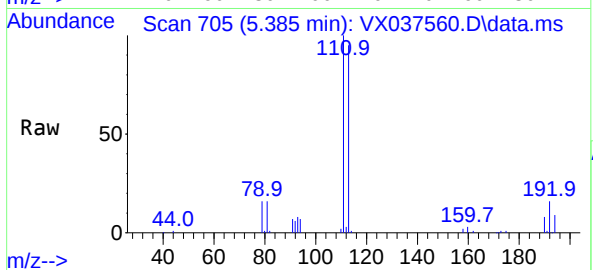




#35
Dibromofluoromethane
Concen: 46.079 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

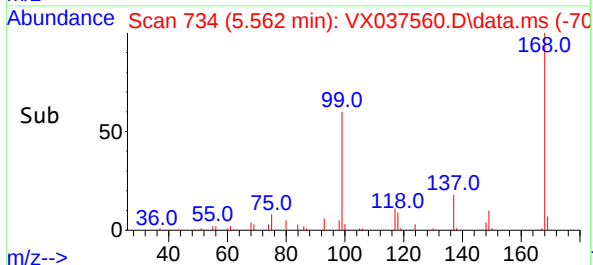
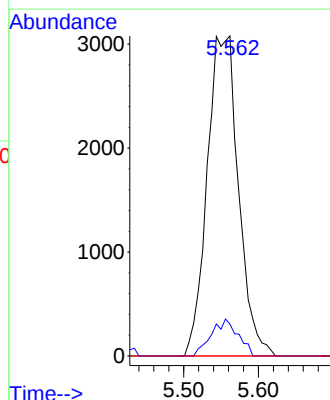
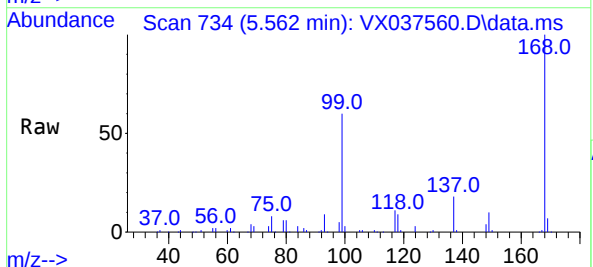
Instrument :
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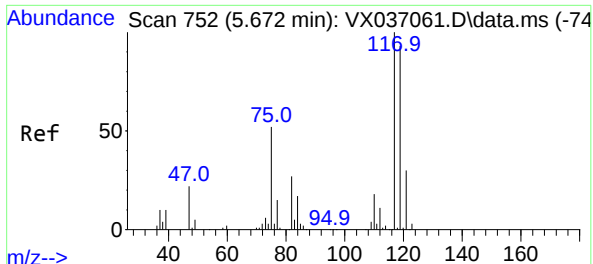
Tgt Ion:	113	Resp:	61818
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	18.9	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Tgt Ion:	75	Resp:	8971
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.0	50.9#
77	0.0	24.7	37.1#

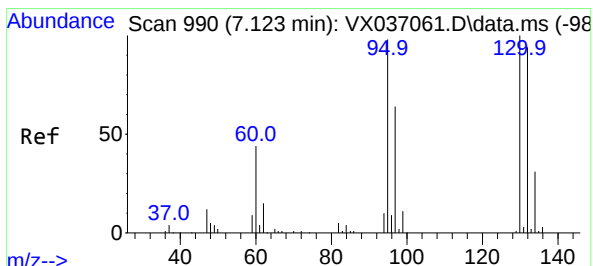
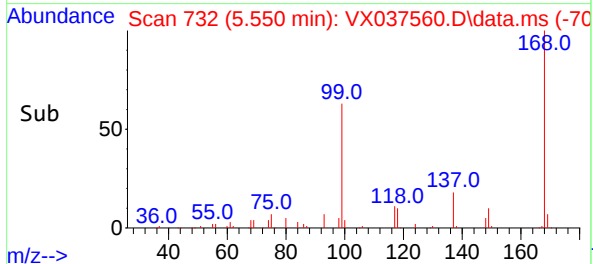
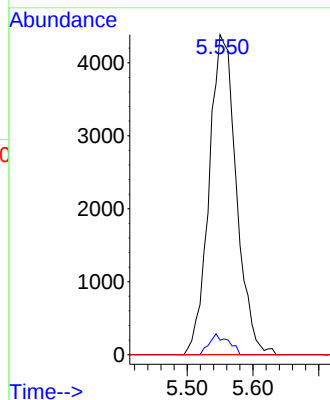
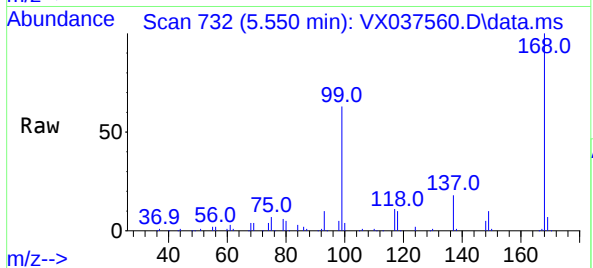




#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

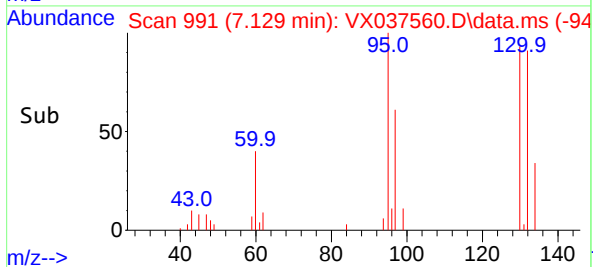
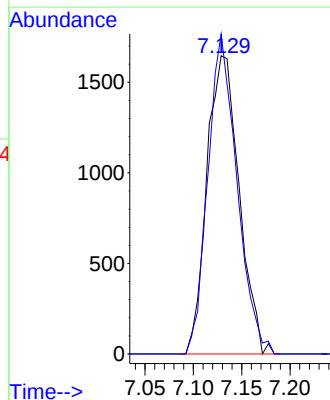
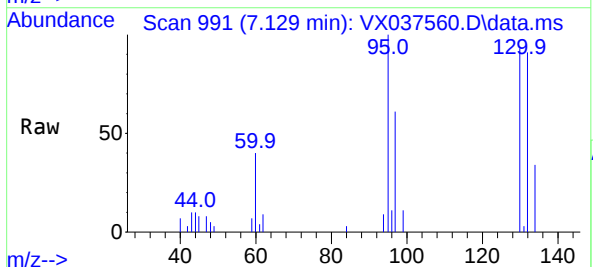
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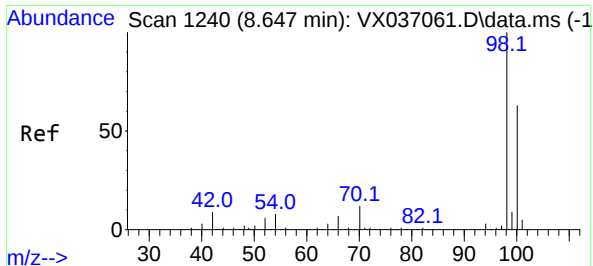
Tgt Ion:117 Resp: 12641
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.462 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Tgt Ion:130 Resp: 3816
Ion Ratio Lower Upper
130 100
95 107.3 0.0 204.4

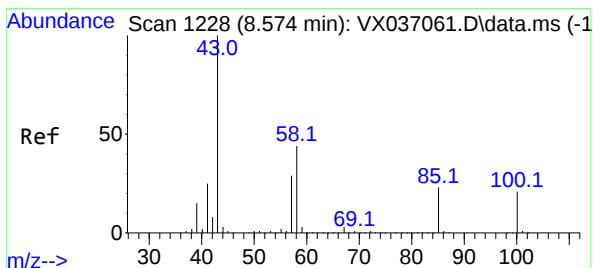
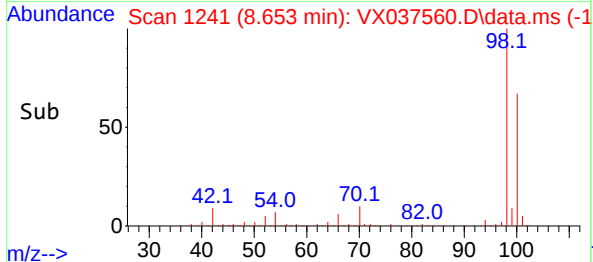
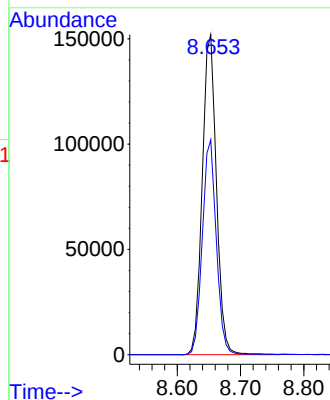
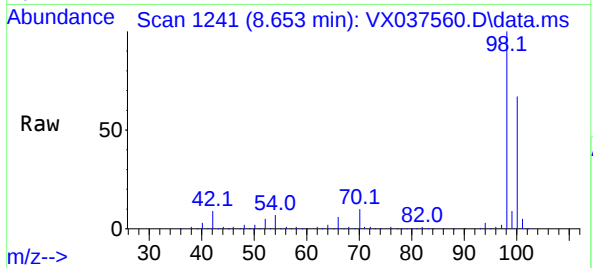




#50
Toluene-d8
Concen: 48.658 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

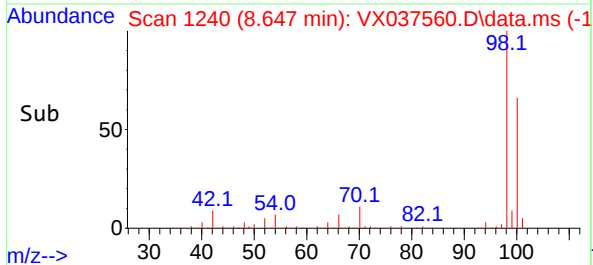
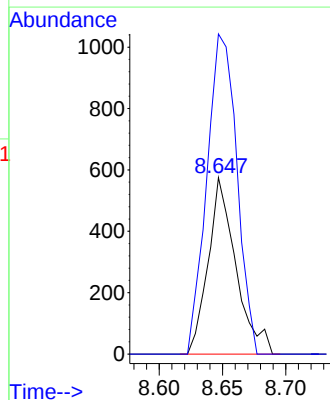
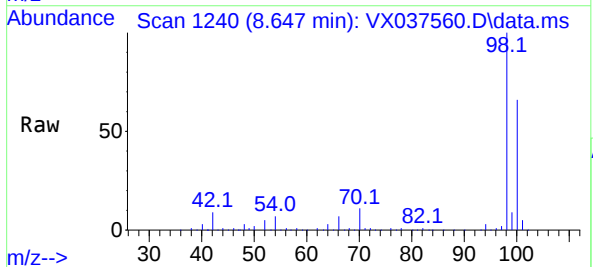
Instrument :
MSVOA_X
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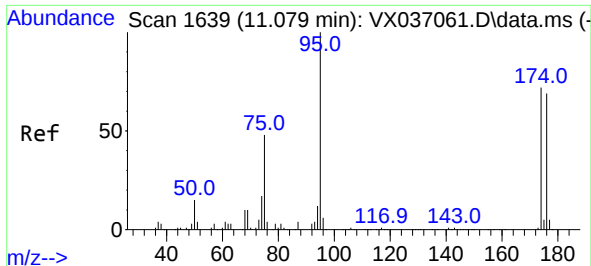
Tgt Ion: 98 Resp: 236786
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 196.8 30.4 45.6#

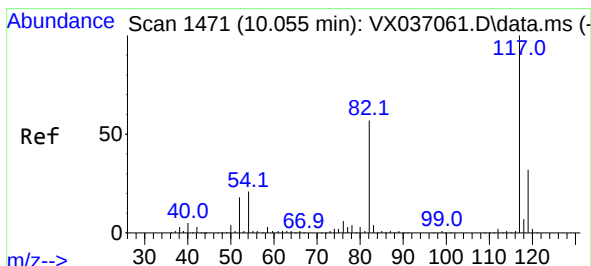
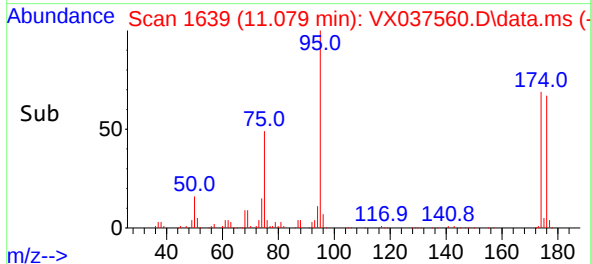
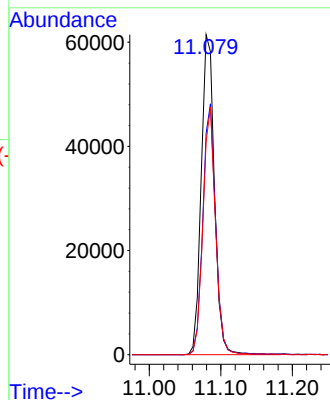
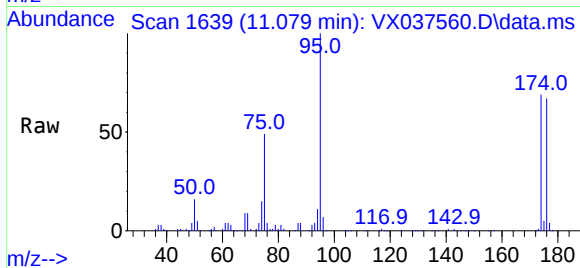




#62
4-Bromofluorobenzene
Concen: 41.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

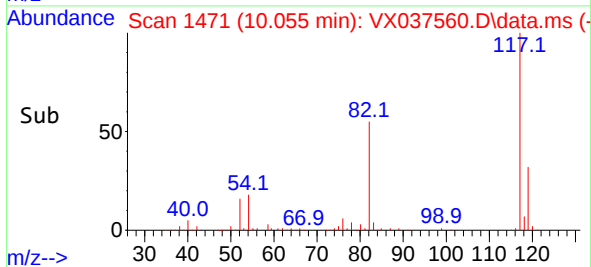
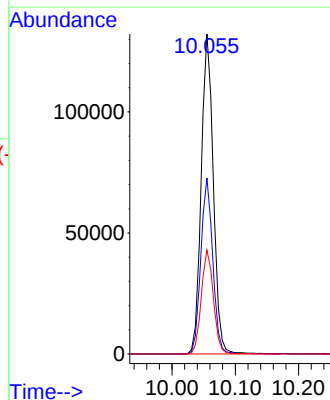
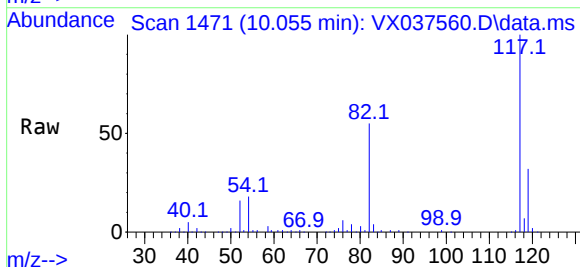
Instrument :
MSVOA_X
ClientSampleId :
TB-01-090123

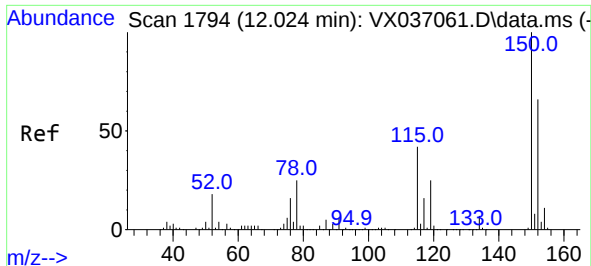
Tgt Ion: 95 Resp: 78778
Ion Ratio Lower Upper
95 100
174 75.9 0.0 135.6
176 73.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Tgt Ion: 117 Resp: 176447
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.4 25.5 38.3

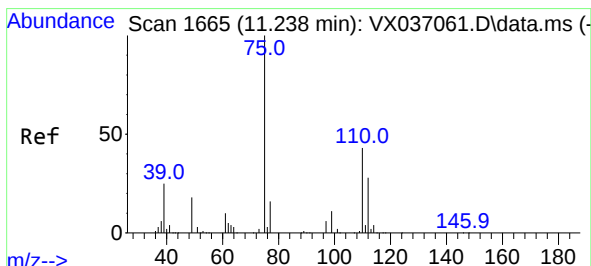
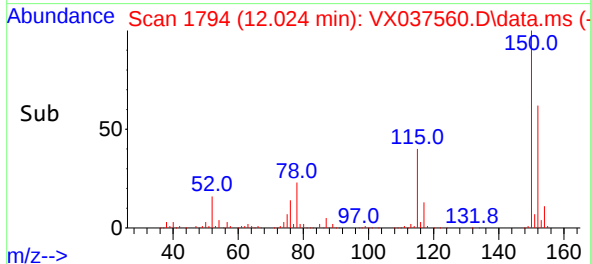
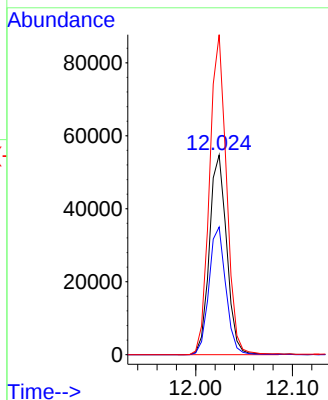
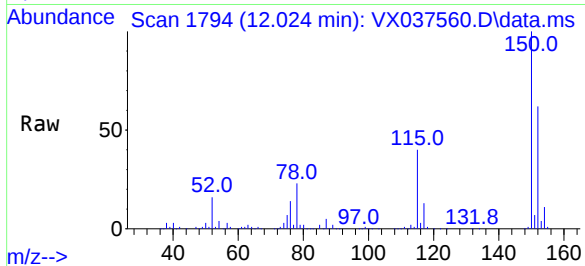




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

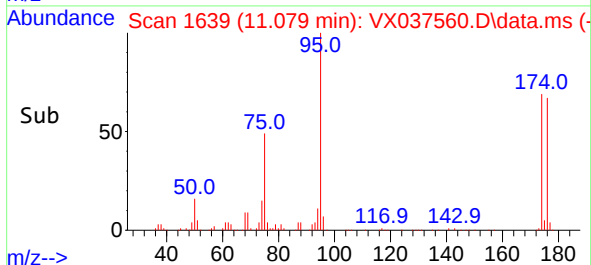
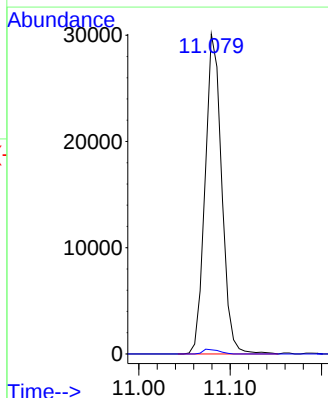
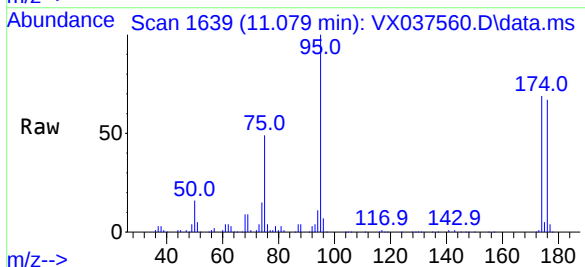
Instrument :
MSVOA_X
ClientSampleId :
TB-01-090123

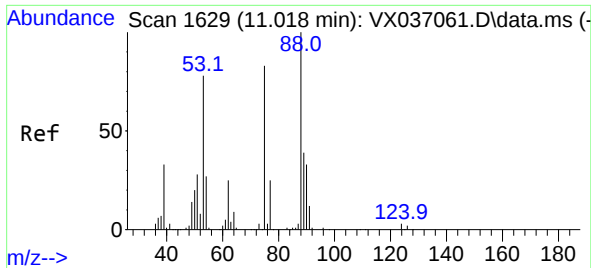
Tgt Ion:152 Resp: 68139
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 157.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Tgt Ion: 75 Resp: 37870
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.890 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037560.D
Acq: 06 Sep 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
TB-01-090123

Tgt Ion: 75 Resp: 37870
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

