

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037519.D
 Acq On : 05 Sep 2023 18:01
 Operator : JC/MD
 Sample : 04254-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20230830

Quant Time: Sep 06 02:57:49 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)

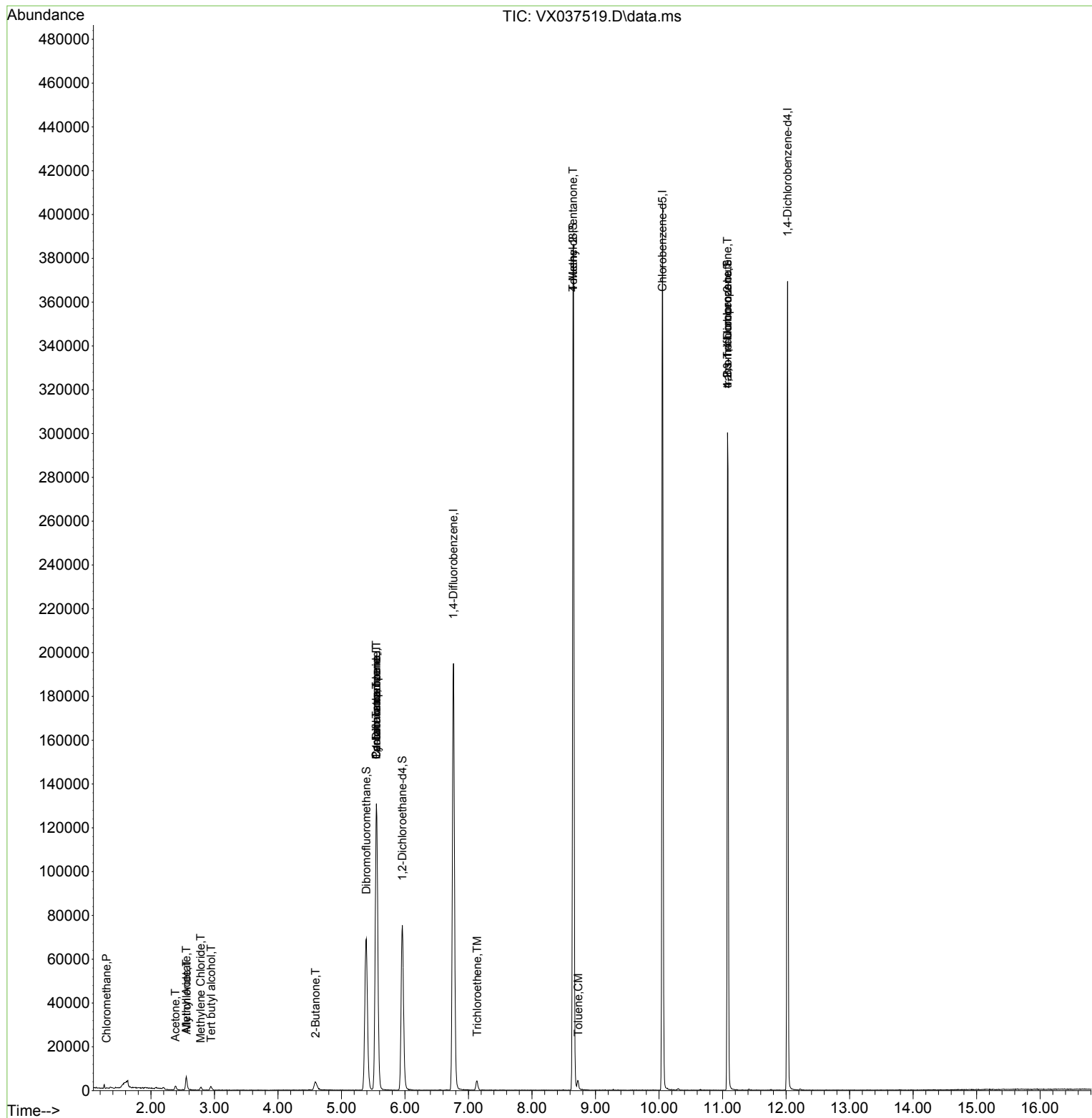
Internal Standards						
1) Pentafluorobenzene	5.550	168	125593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75575	41.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.480%
35) Dibromofluoromethane	5.391	113	63024	45.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	243189	48.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	11.079	95	85836	43.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.320%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	423	0.331	ug/l	95
11) Tert butyl alcohol	2.946	59	1045	2.460	ug/l #	78
14) Allyl chloride	2.562	41	665	0.332	ug/l #	83
16) Acetone	2.386	43	2104	2.970	ug/l #	67
18) Methyl Acetate	2.556	43	1816	0.681	ug/l #	53
20) Methylene Chloride	2.782	84	807	0.509	ug/l #	84
25) 2-Butanone	4.593	43	384	0.360	ug/l #	51
31) Cyclohexane	5.550	56	2339	1.149	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9508	4.852	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13340	6.267	ug/l #	15
44) Trichloroethene	7.135	130	1716	1.077	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	823	0.426	ug/l #	1
52) Toluene	8.726	92	1980	0.533	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	41477	24.537	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41477	68.534	ug/l #	5

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

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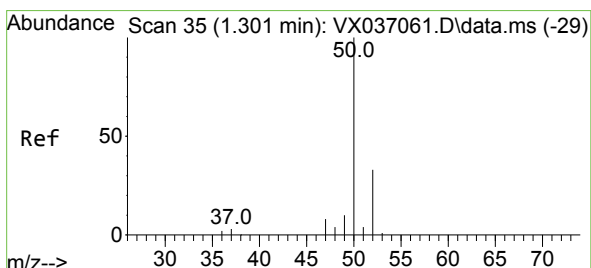
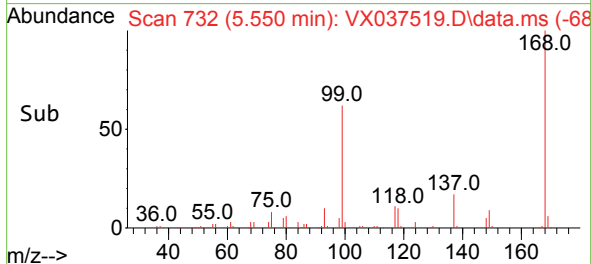
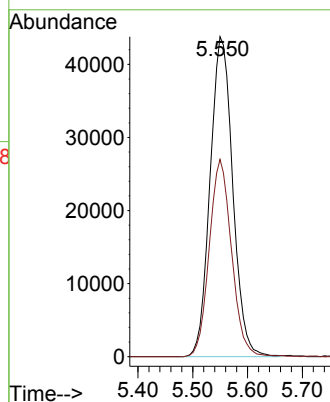
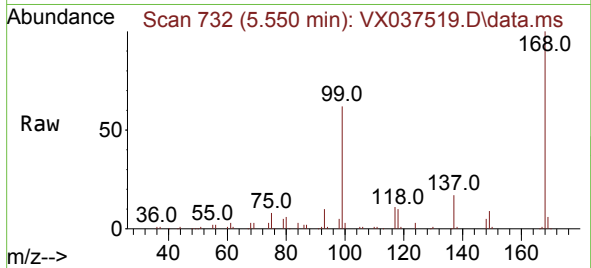




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

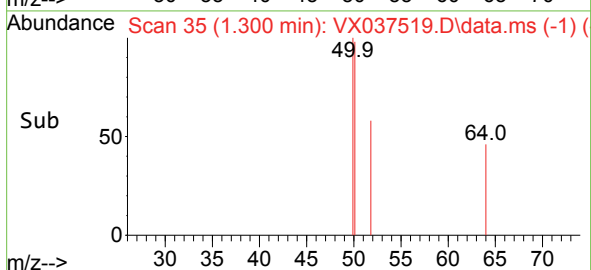
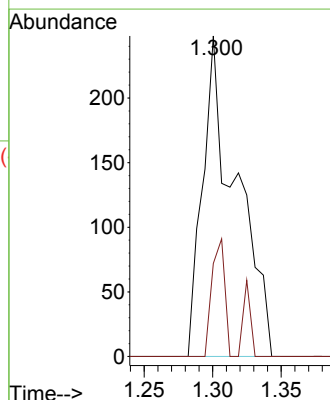
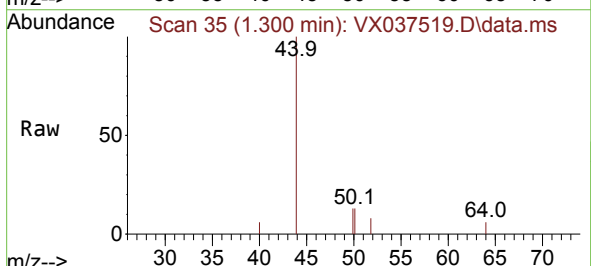
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20230830

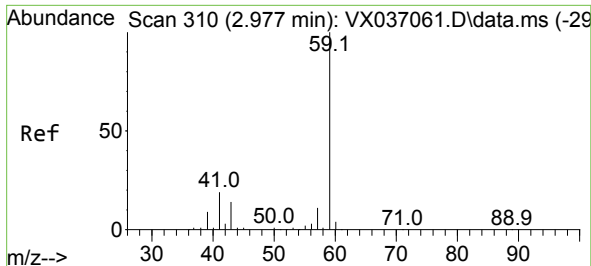
Tgt Ion:168 Resp: 125593
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#3
Chloromethane
Concen: 0.331 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Tgt Ion: 50 Resp: 423
Ion Ratio Lower Upper
50 100
52 29.0 25.5 38.3





#11

Tert butyl alcohol

Concen: 2.460 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX037519.D

Acq: 05 Sep 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

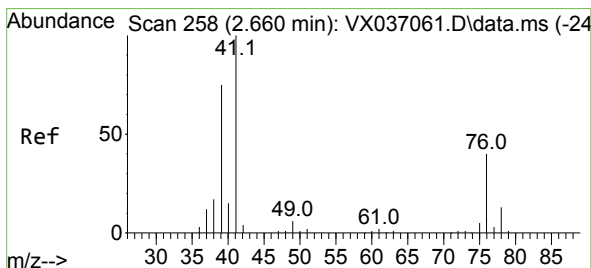
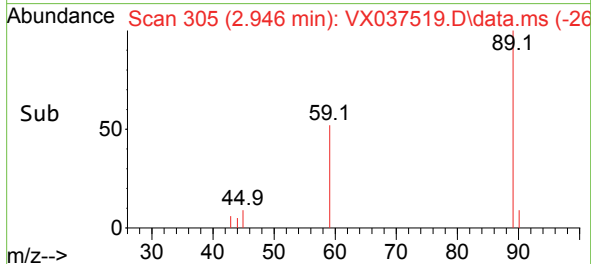
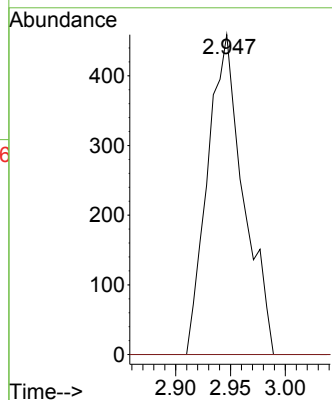
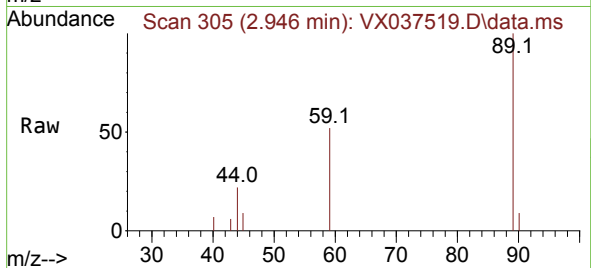
RW11-MW01I-20230830

Tgt Ion: 59 Resp: 1045

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.332 ug/l

RT: 2.562 min Scan# 242

Delta R.T. -0.098 min

Lab File: VX037519.D

Acq: 05 Sep 2023 18:01

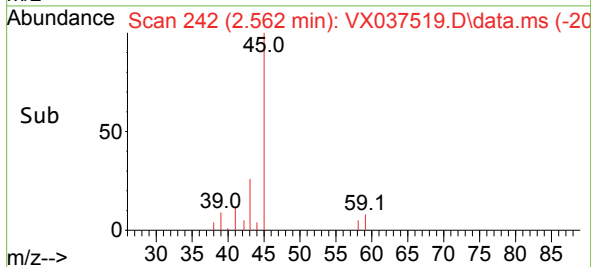
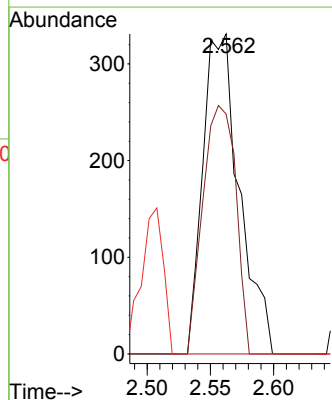
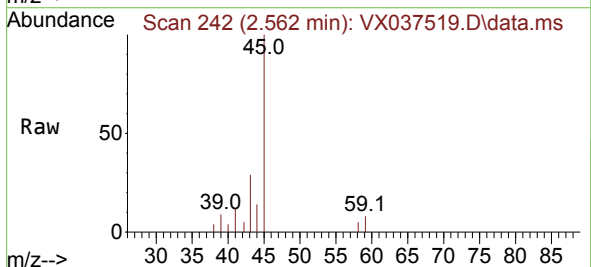
Tgt Ion: 41 Resp: 665

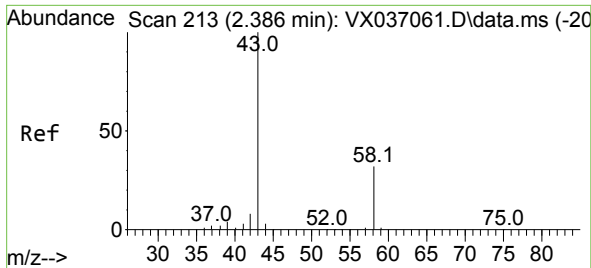
Ion Ratio Lower Upper

41 100

39 69.9 55.8 83.6

76 0.0 24.3 36.5#

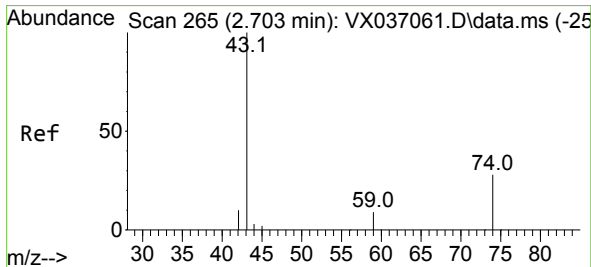
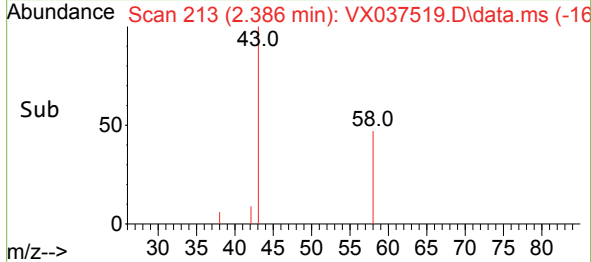
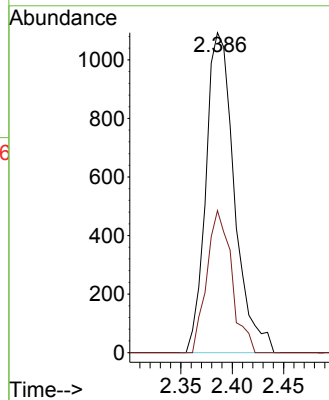
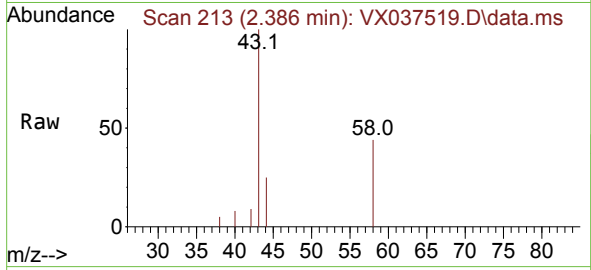




#16
Acetone
Concen: 2.970 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

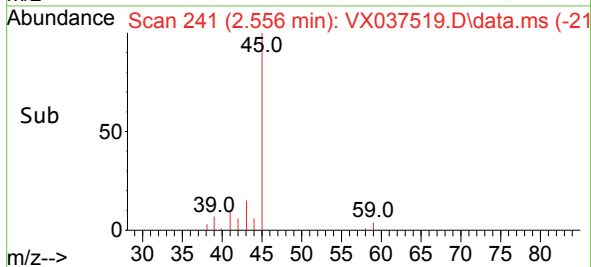
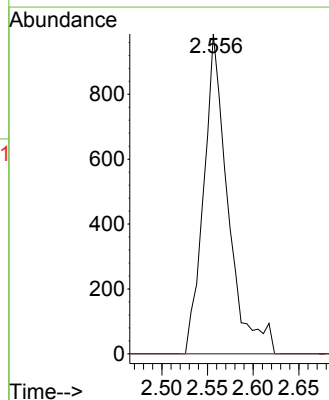
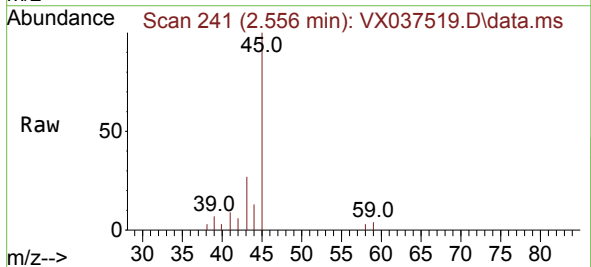
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20230830

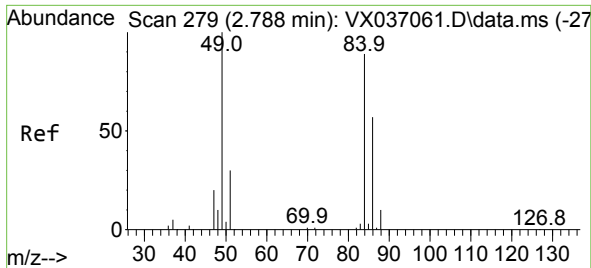
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 44.4 21.9 32.9#



#18
Methyl Acetate
Concen: 0.681 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.146 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Tgt Ion: 43 Resp: 1816
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

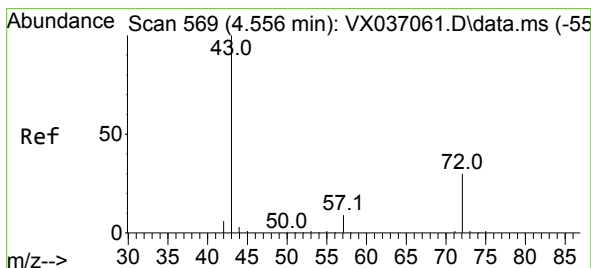
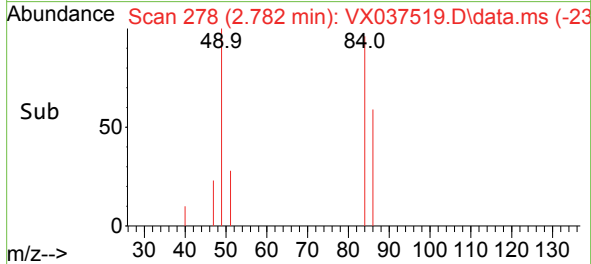
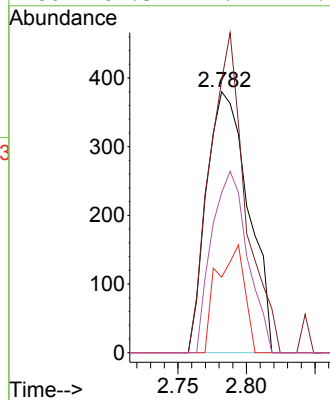
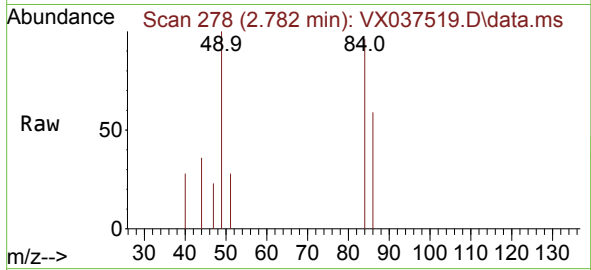




#20
Methylene Chloride
Concen: 0.509 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

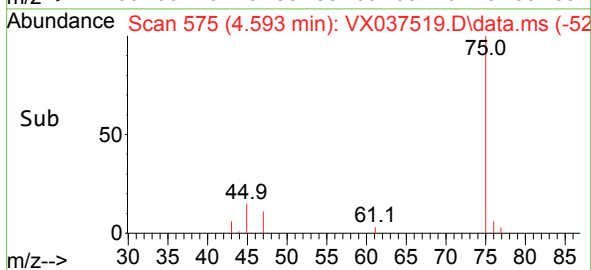
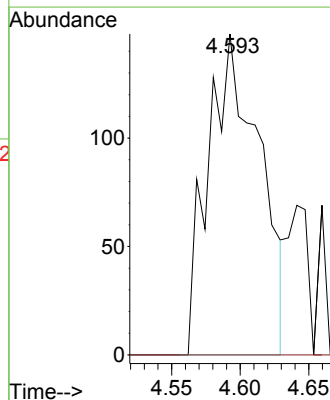
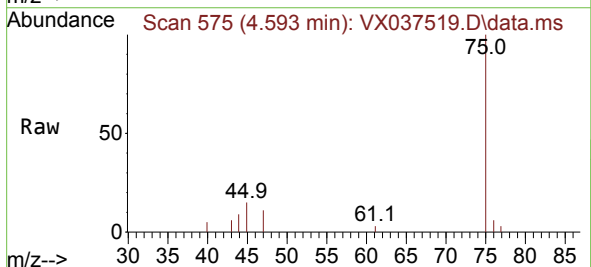
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20230830

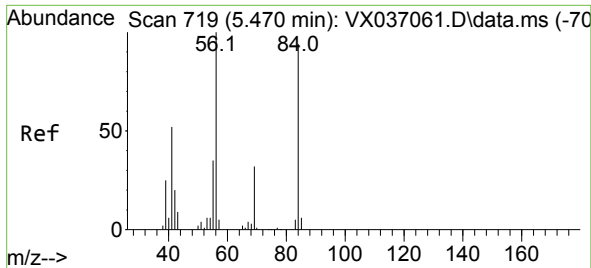
Tgt Ion:	84	Resp:	807
Ion	Ratio	Lower	Upper
84	100		
49	104.2	103.6	155.4
51	28.9	33.8	50.6#
86	61.3	49.4	74.0



#25
2-Butanone
Concen: 0.360 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

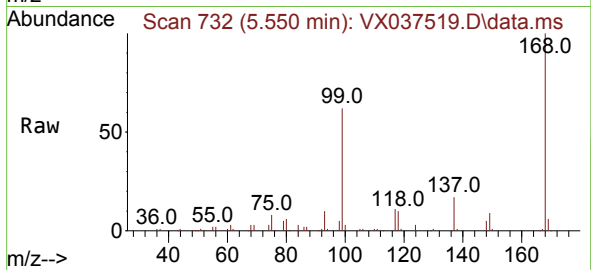
Tgt Ion:	43	Resp:	384
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



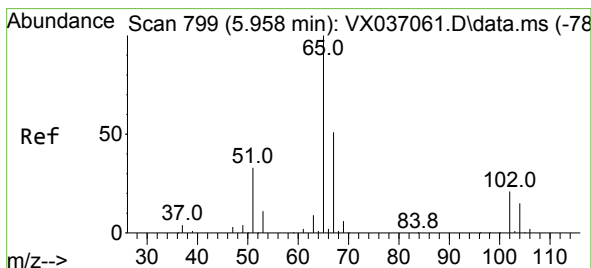
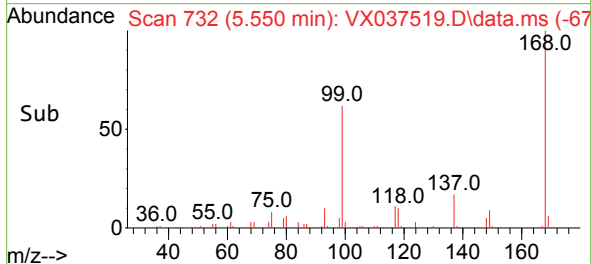
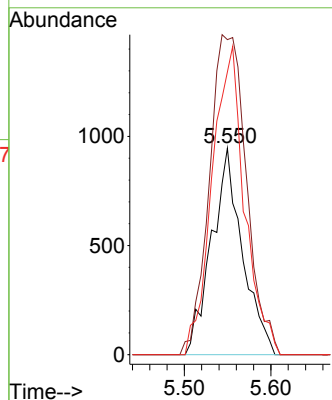


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20230830

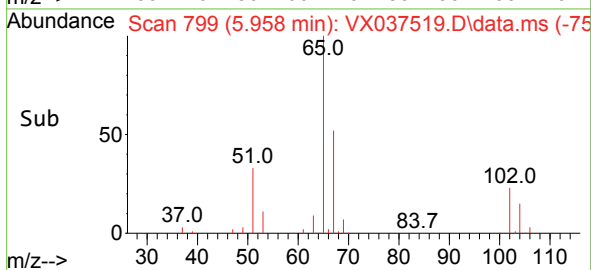
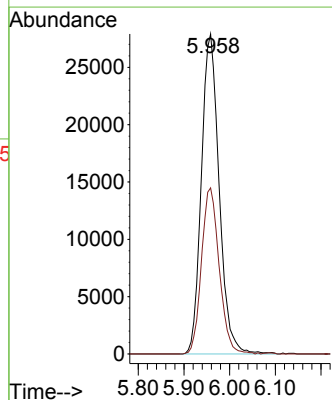
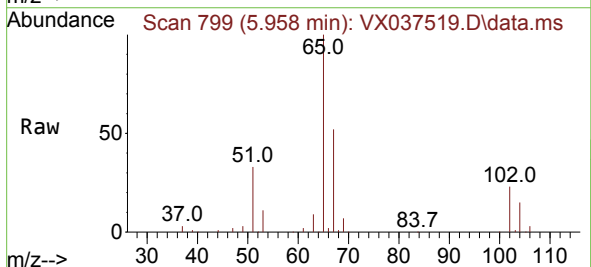


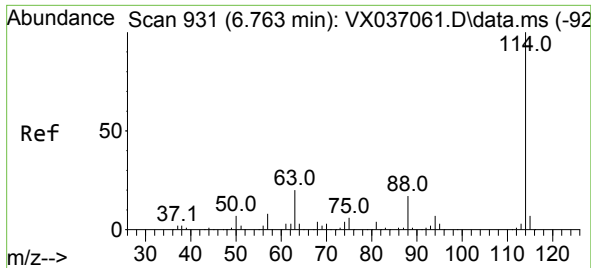
Tgt Ion: 56 Resp: 2339
Ion Ratio Lower Upper
56 100
69 152.5 23.4 35.2#
84 136.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.739 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Tgt Ion: 65 Resp: 75575
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

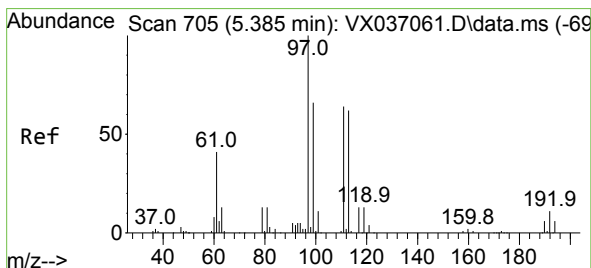
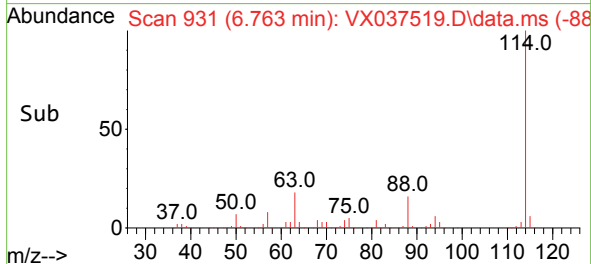
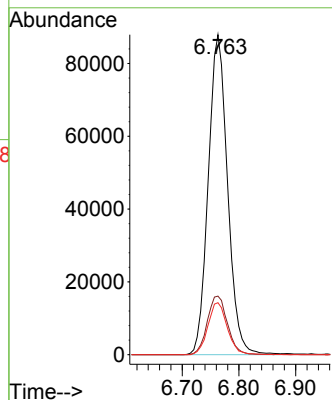
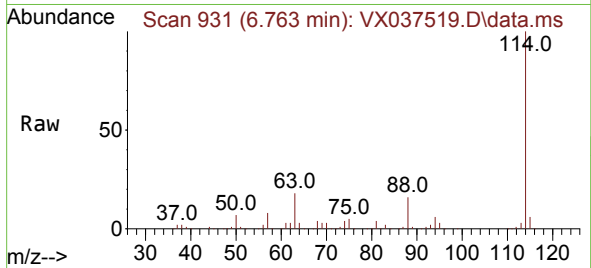




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

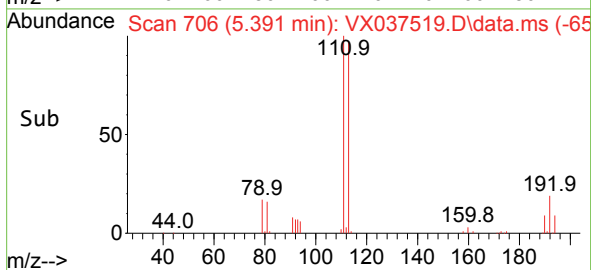
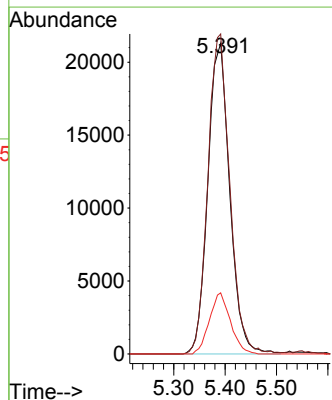
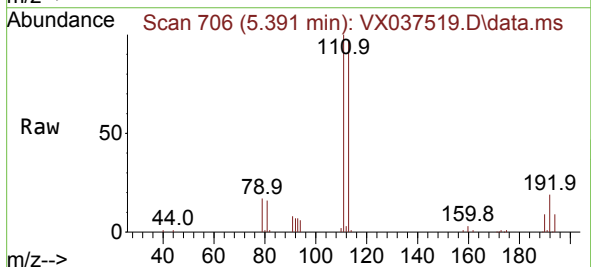
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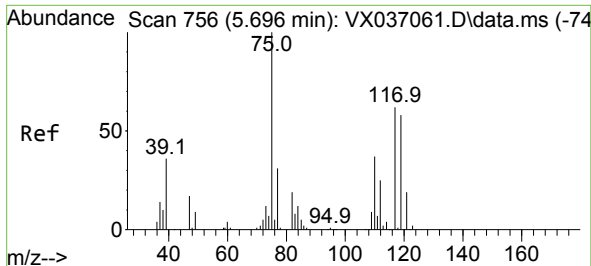
Tgt Ion:114 Resp: 208261
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.694 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Tgt Ion:113 Resp: 63024
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.8 13.3 19.9

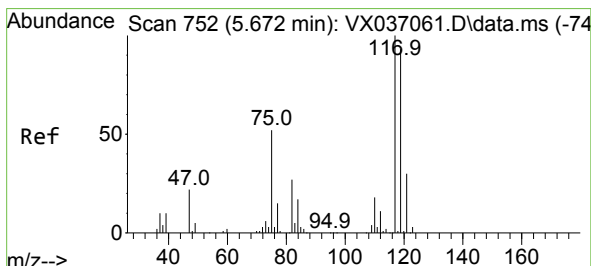
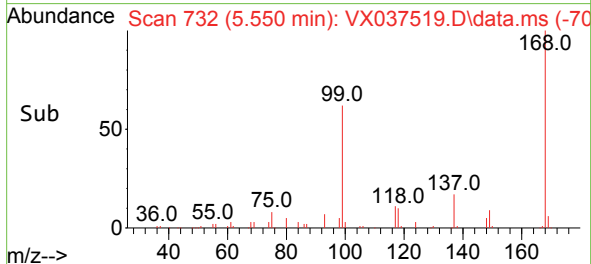
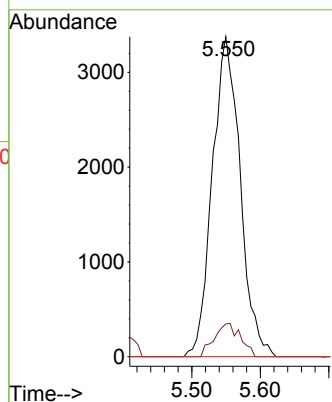
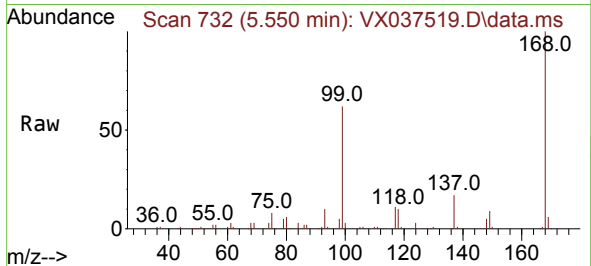




#36
1,1-Dichloropropene
Concen: 4.852 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

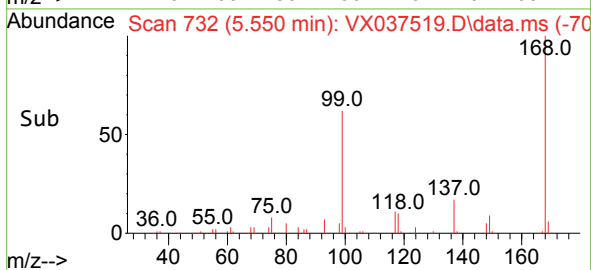
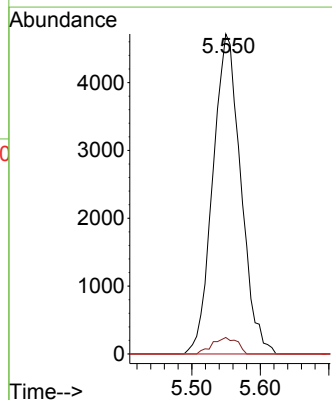
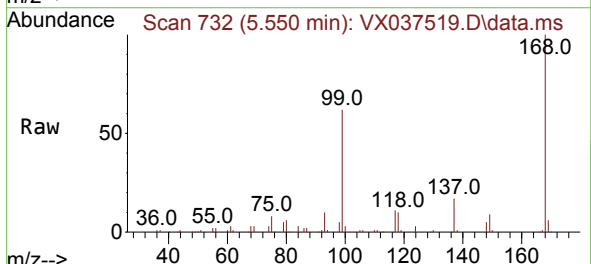
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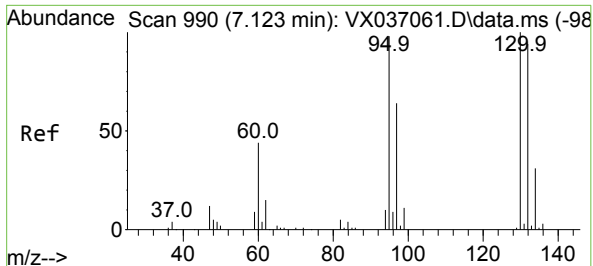
Tgt Ion: 75 Resp: 9508
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Tgt Ion: 117 Resp: 13340
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

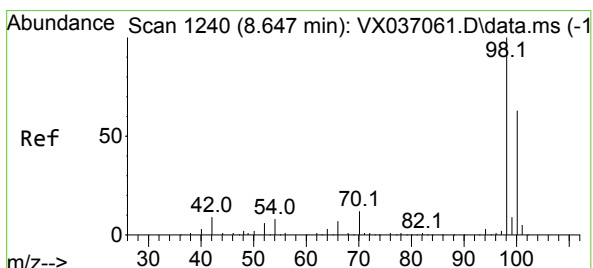
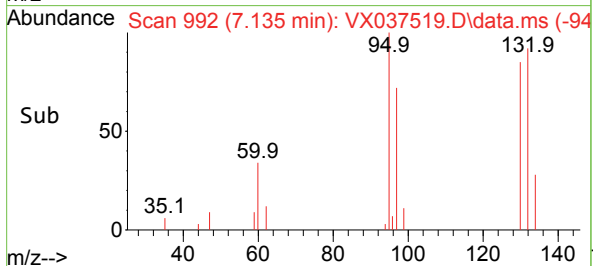
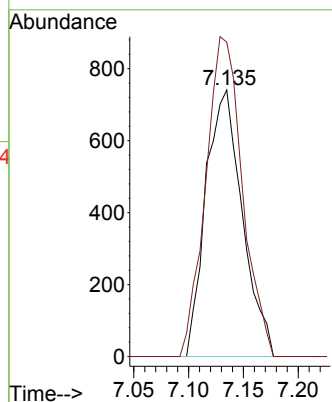
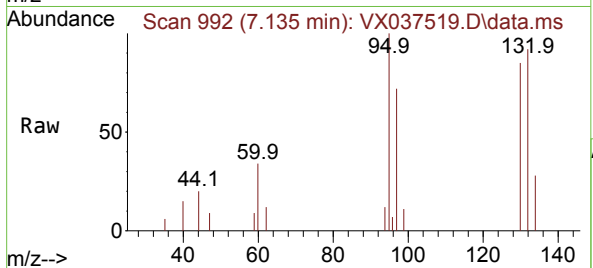




#44
Trichloroethene
Concen: 1.077 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

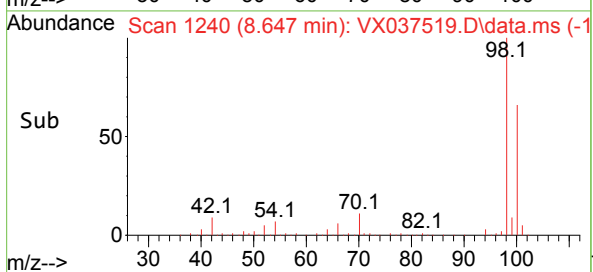
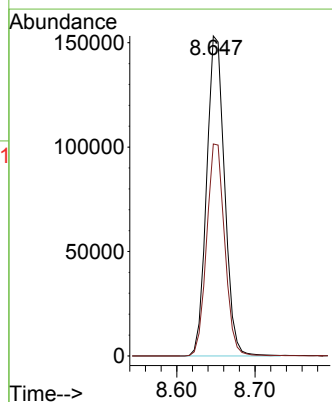
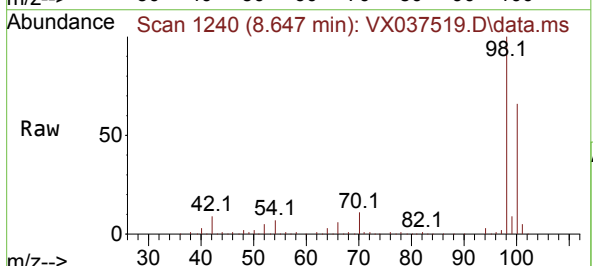
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20230830

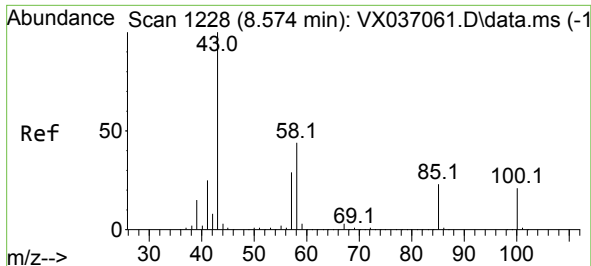
Tgt Ion:130 Resp: 1716
Ion Ratio Lower Upper
130 100
95 117.9 0.0 204.4



#50
Toluene-d8
Concen: 48.608 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Tgt Ion: 98 Resp: 243189
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

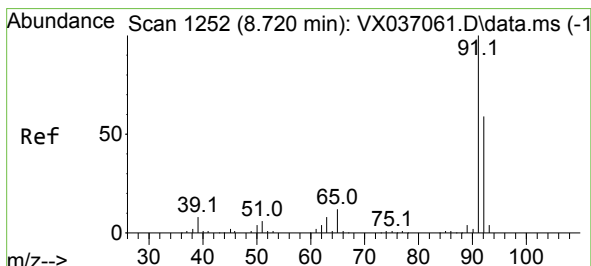
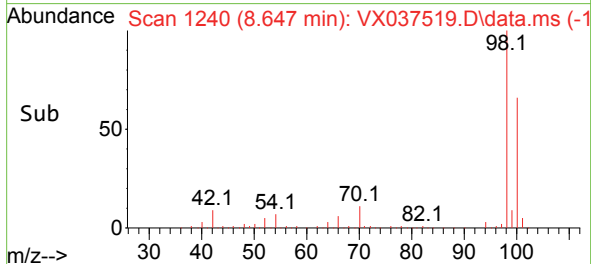
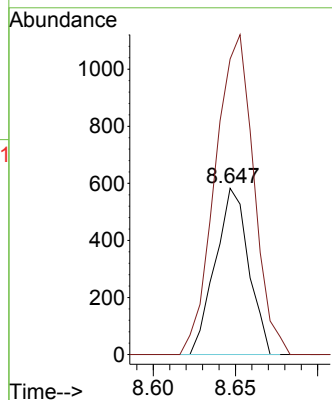
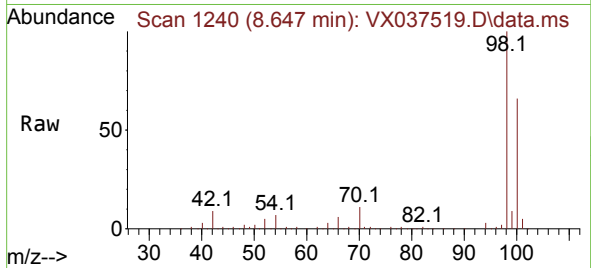




#51
4-Methyl-2-Pentanone
Concen: 0.426 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

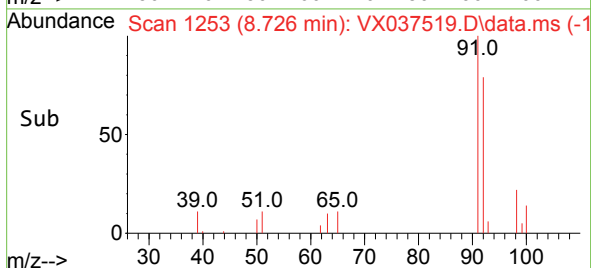
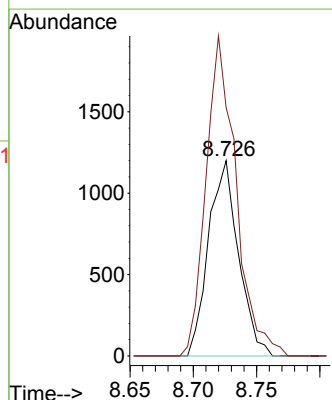
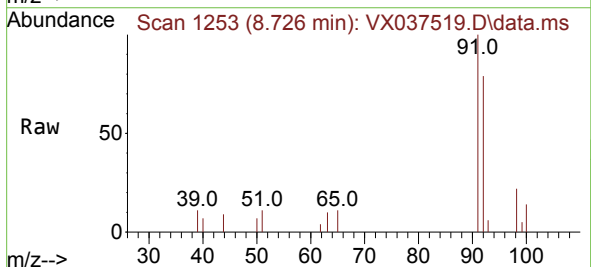
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20230830

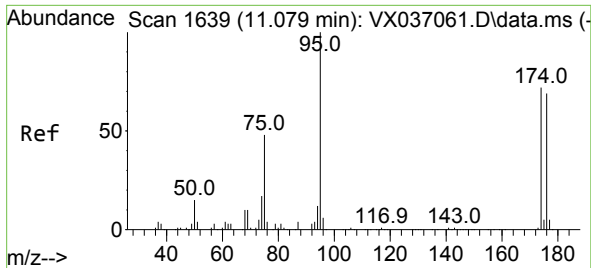
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 222.7 30.4 45.6#



#52
Toluene
Concen: 0.533 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Tgt Ion: 92 Resp: 1980
Ion Ratio Lower Upper
92 100
91 164.1 134.2 201.2

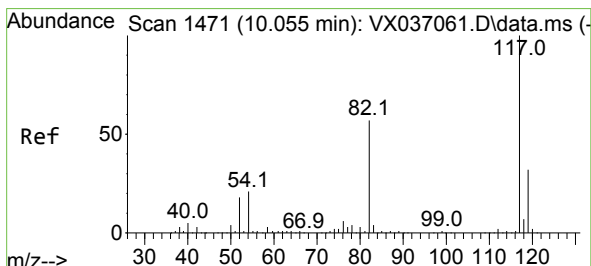
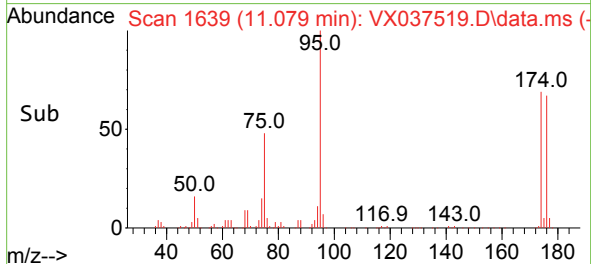
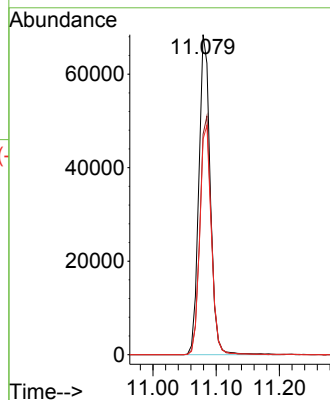
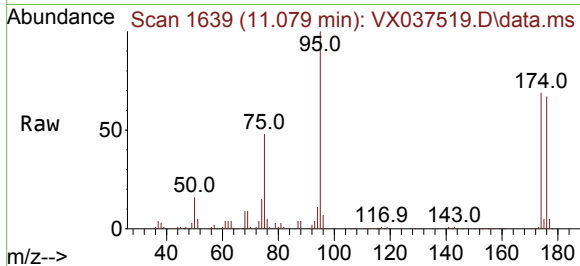




#62
4-Bromofluorobenzene
Concen: 43.657 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

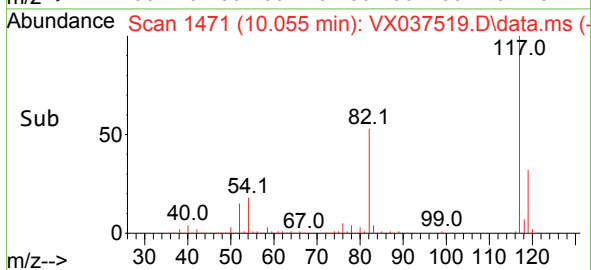
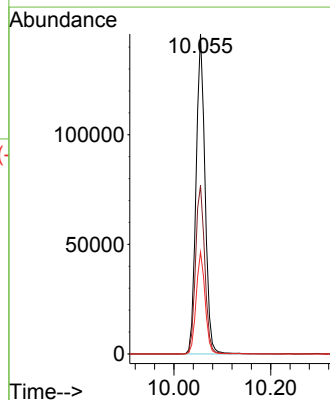
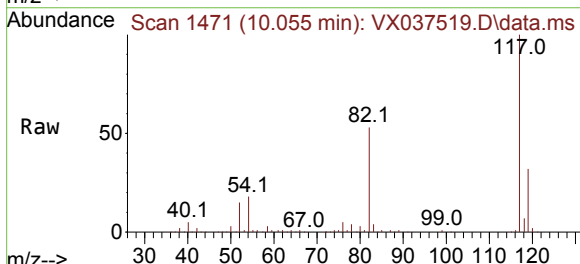
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20230830

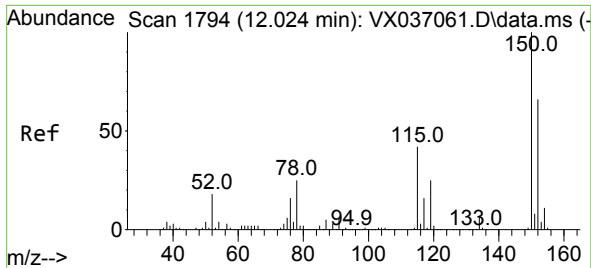
Tgt Ion: 95 Resp: 85836
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 72.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037519.D
Acq: 05 Sep 2023 18:01

Tgt Ion: 117 Resp: 187081
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 31.8 25.5 38.3

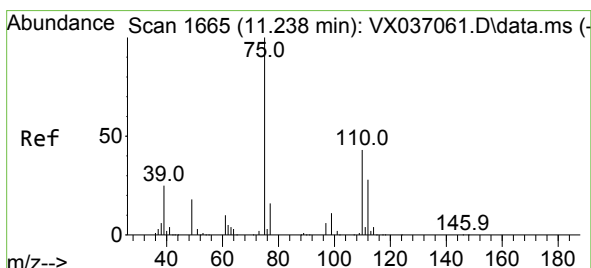
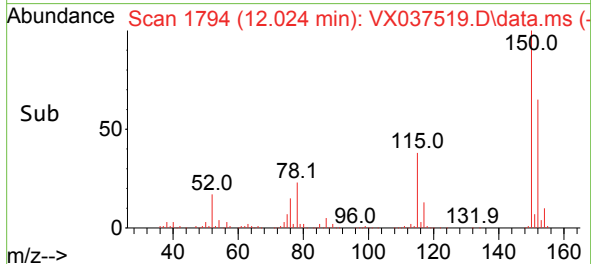
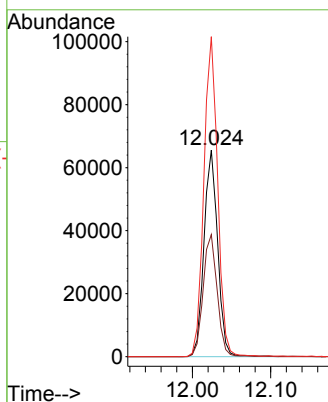
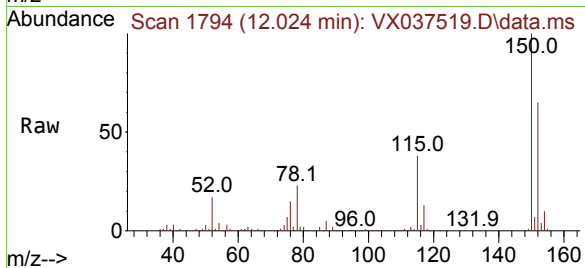




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037519.D
 Acq: 05 Sep 2023 18:01

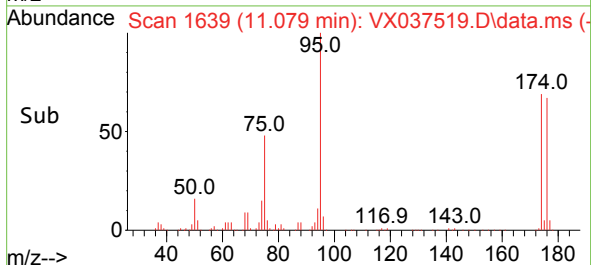
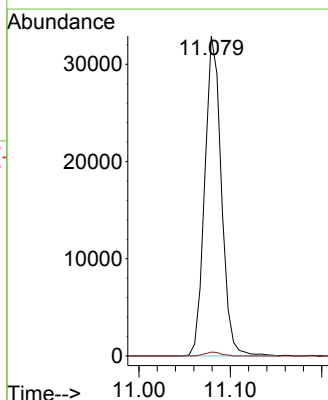
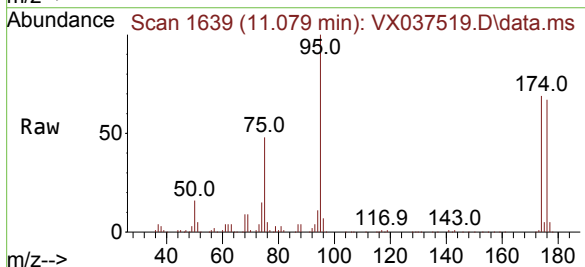
Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20230830

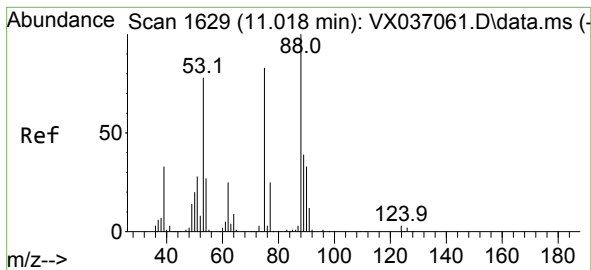
Tgt Ion:152 Resp: 79372
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.537 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037519.D
 Acq: 05 Sep 2023 18:01

Tgt Ion: 75 Resp: 41477
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.534 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037519.D
 Acq: 05 Sep 2023 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20230830

Tgt Ion: 75 Resp: 41477
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

