

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037190.D
 Acq On : 23 Aug 2023 17:54
 Operator : JC/MD
 Sample : 04024-16RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230815

Quant Time: Aug 24 05:35:43 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	156475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92899	41.181	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.360%		
35) Dibromofluoromethane	5.385	113	74704	45.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.660%		
50) Toluene-d8	8.647	98	283953	48.022	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.040%		
62) 4-Bromofluorobenzene	11.079	95	106028	45.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.260%		
Target Compounds						Qvalue
3) Chloromethane	1.319	50	549	0.345	ug/l #	43
6) Chloroethane	1.672	64	386	0.379	ug/l #	43
11) Tert butyl alcohol	2.953	59	600	1.134	ug/l #	78
16) Acetone	2.379	43	908	1.029	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	2427	0.397	ug/l	96
20) Methylene Chloride	2.794	84	519	0.263	ug/l #	72
31) Cyclohexane	5.550	56	3222	1.270	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12371	5.342	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17238	6.852	ug/l #	14
44) Trichloroethene	7.129	130	856	0.454	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1097	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54878	25.988	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54878	72.585	ug/l #	5

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

Quant Time: Aug 24 05:35:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

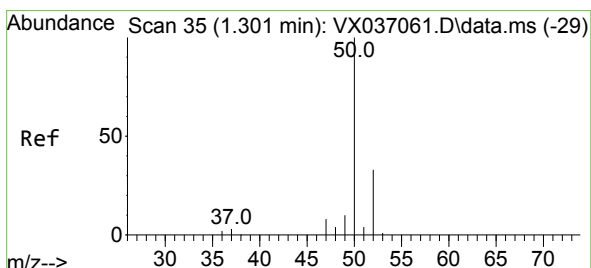
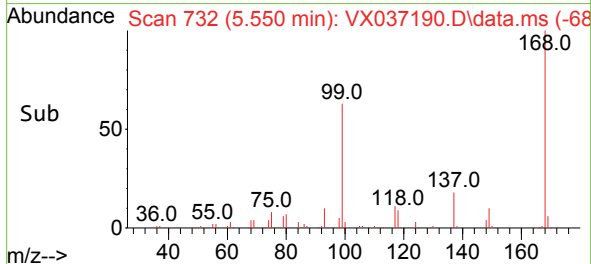
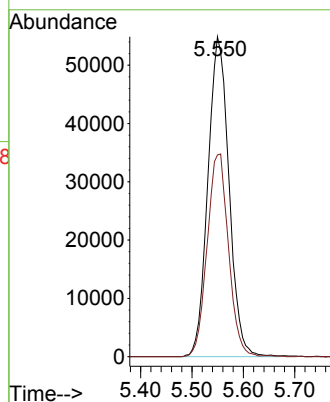
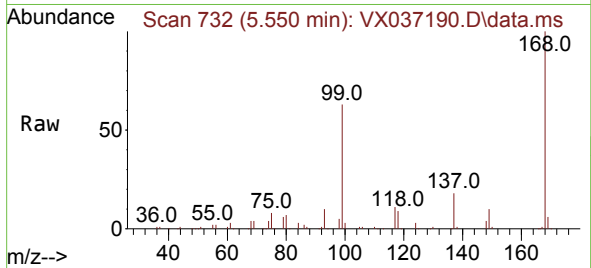




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

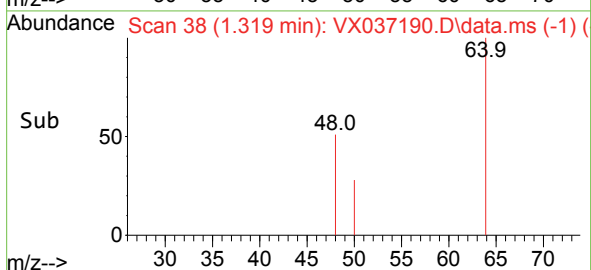
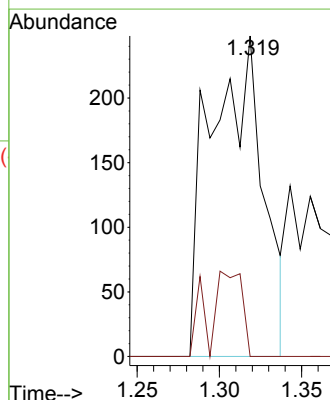
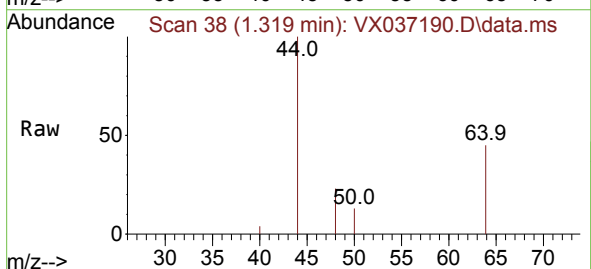
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

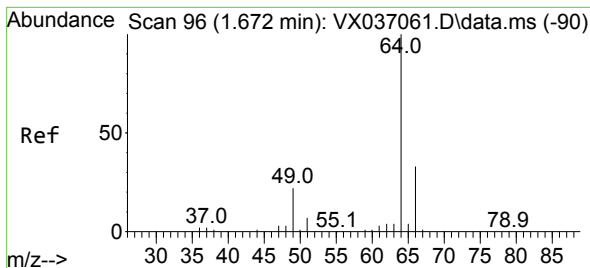
Tgt Ion:168 Resp: 156475
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#3
Chloromethane
Concen: 0.345 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.018 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#6

Chloroethane

Concen: 0.379 ug/l

RT: 1.672 min Scan# 90

Delta R.T. 0.000 min

Lab File: VX037190.D

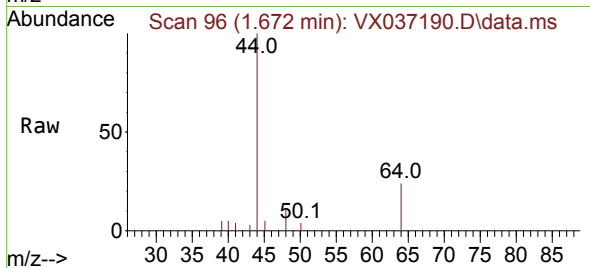
Acq: 23 Aug 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

TT14911-20230815

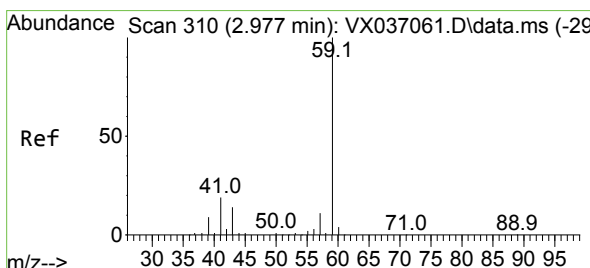
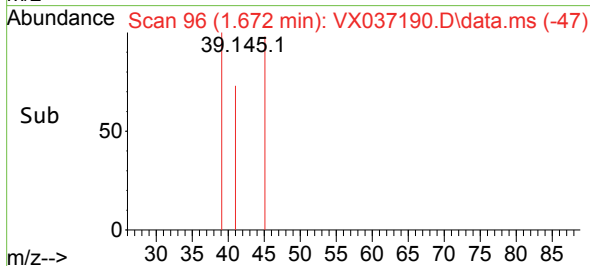
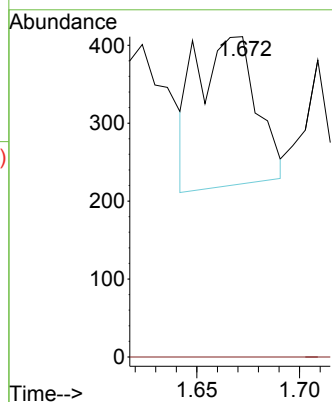


Tgt Ion: 64 Resp: 386

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 1.134 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.025 min

Lab File: VX037190.D

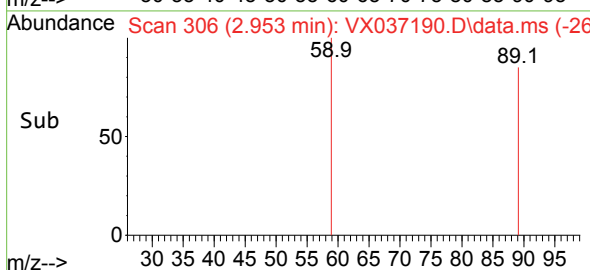
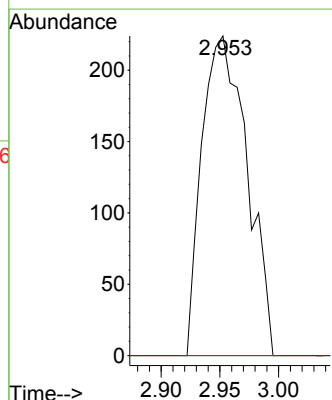
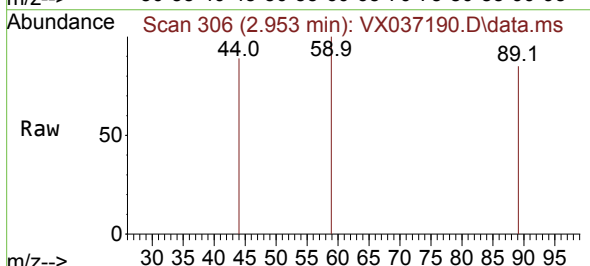
Acq: 23 Aug 2023 17:54

Tgt Ion: 59 Resp: 600

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.029 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037190.D

Acq: 23 Aug 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

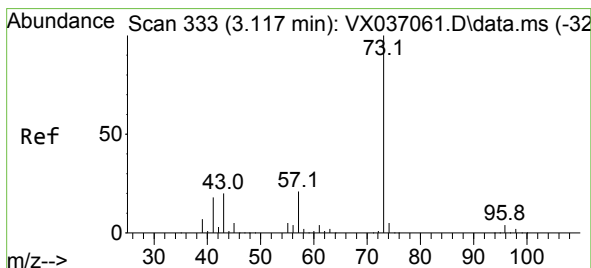
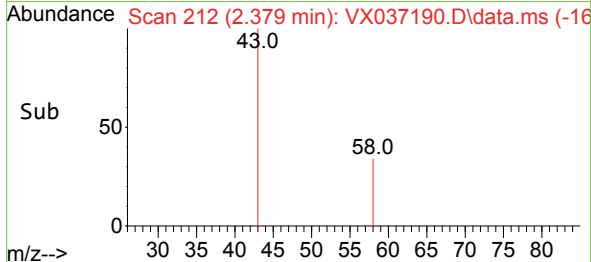
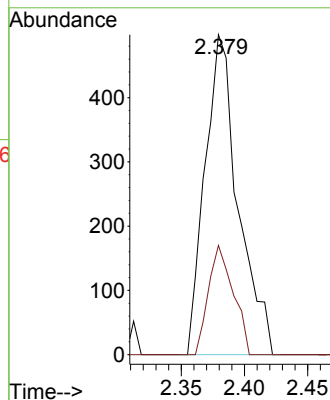
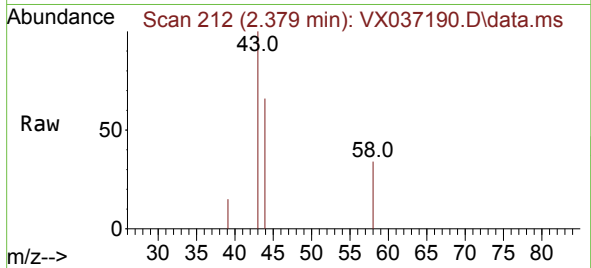
TT14911-20230815

Tgt Ion: 43 Resp: 908

Ion Ratio Lower Upper

43 100

58 34.1 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 0.397 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX037190.D

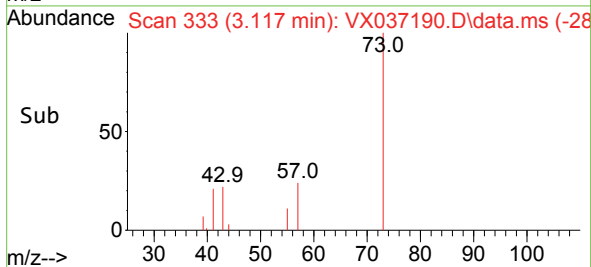
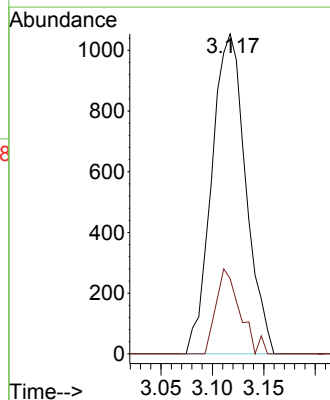
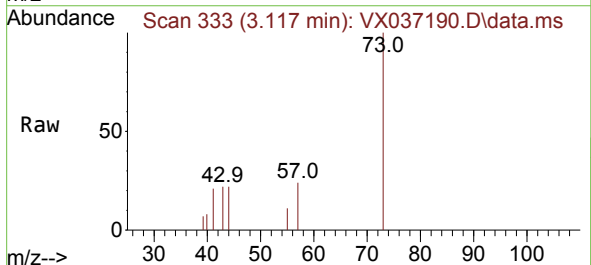
Acq: 23 Aug 2023 17:54

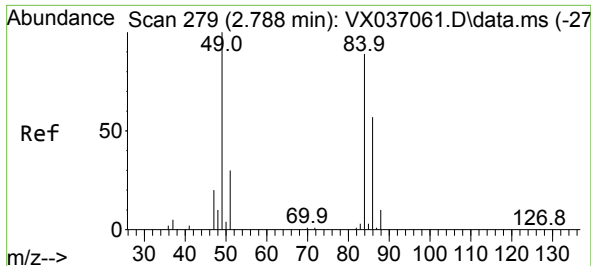
Tgt Ion: 73 Resp: 2427

Ion Ratio Lower Upper

73 100

57 23.5 17.3 25.9

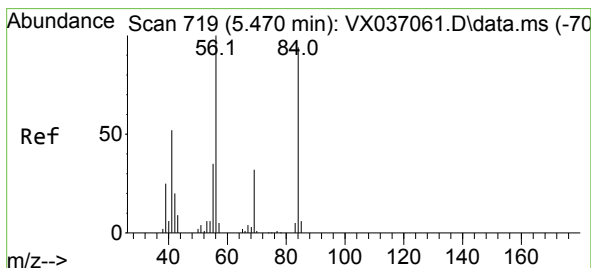
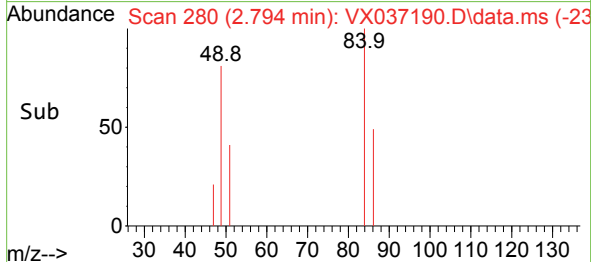
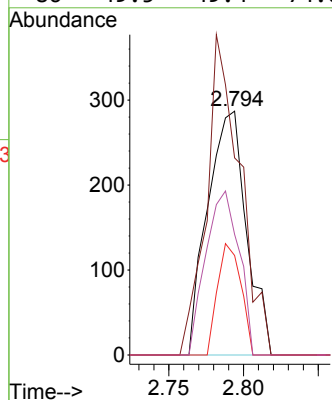
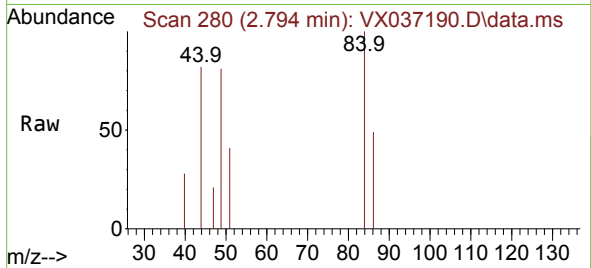




#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

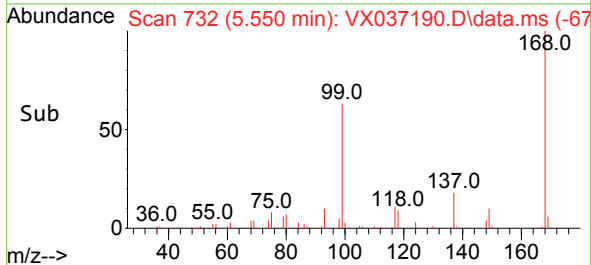
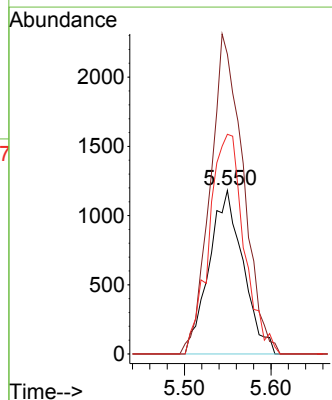
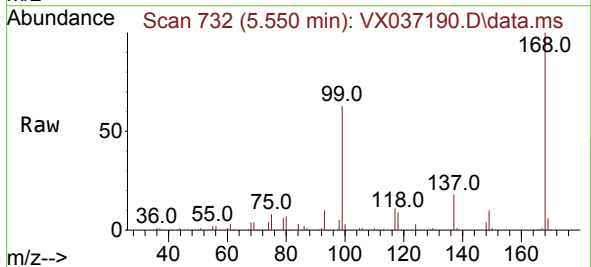
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

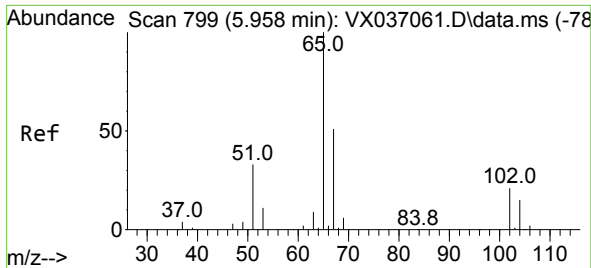
Tgt Ion:	84	Resp:	519
Ion	Ratio	Lower	Upper
84	100		
49	80.8	103.6	155.4#
51	40.8	33.8	50.6
86	49.5	49.4	74.0



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion:	56	Resp:	3222
Ion	Ratio	Lower	Upper
56	100		
69	183.2	23.4	35.2#
84	134.3	65.9	98.9#

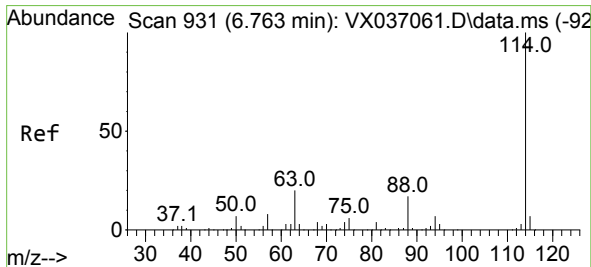
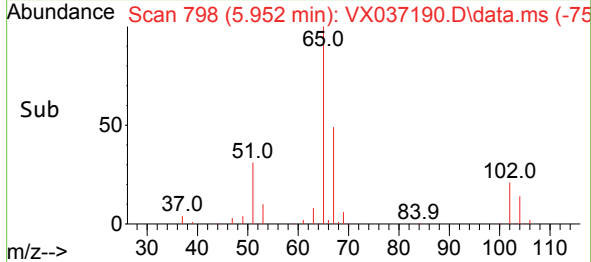
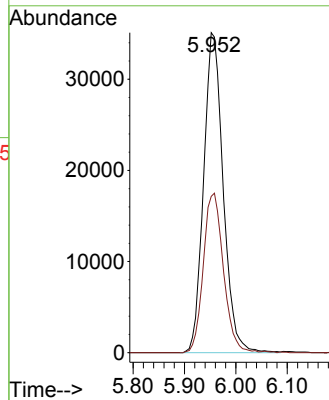
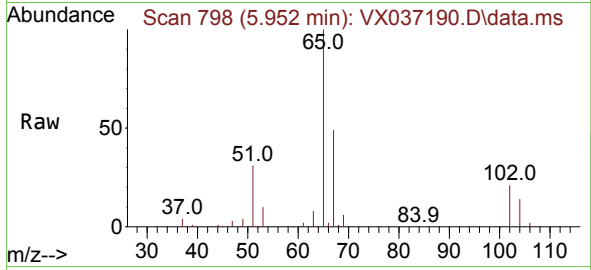




#33
 1,2-Dichloroethane-d4
 Concen: 41.181 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX037190.D
 Acq: 23 Aug 2023 17:54

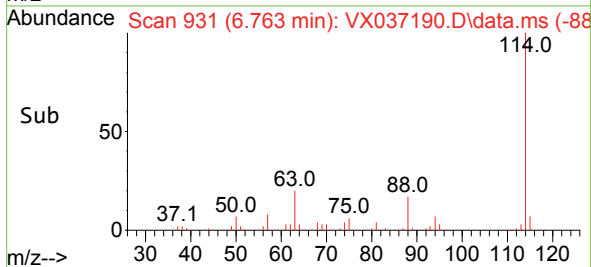
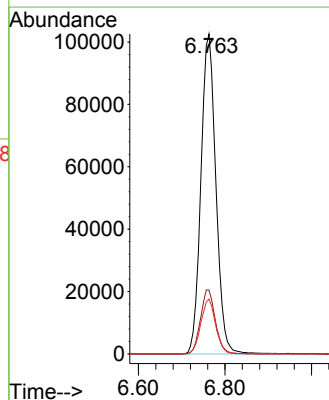
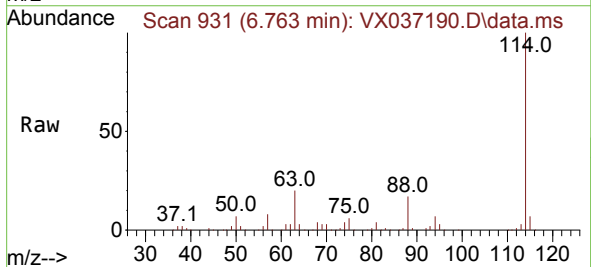
Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230815

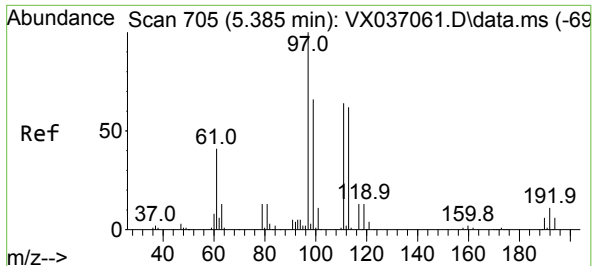
Tgt Ion: 65 Resp: 92899
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037190.D
 Acq: 23 Aug 2023 17:54

Tgt Ion: 114 Resp: 246136
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.0
 88 17.1 0.0 36.6

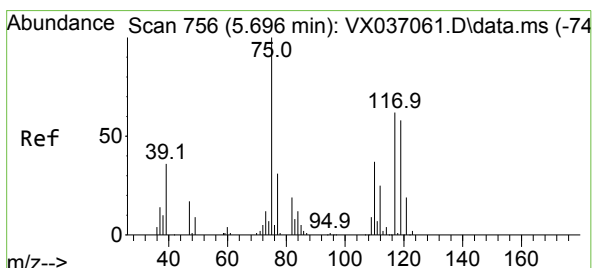
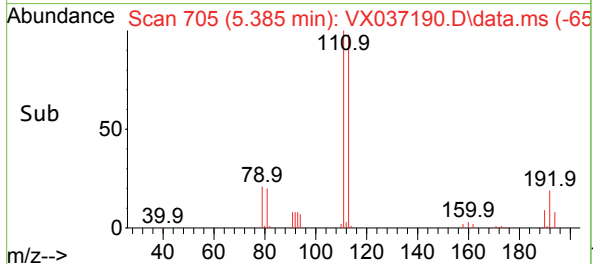
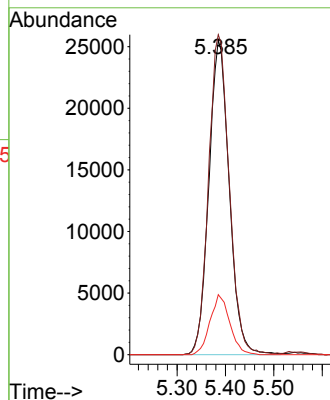
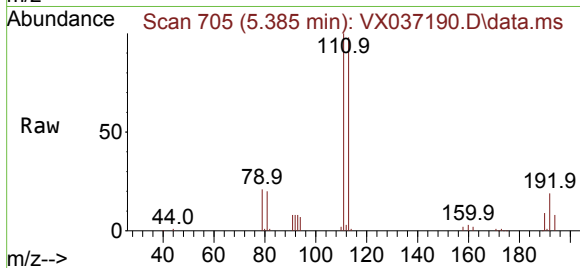




#35
Dibromofluoromethane
Concen: 45.828 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

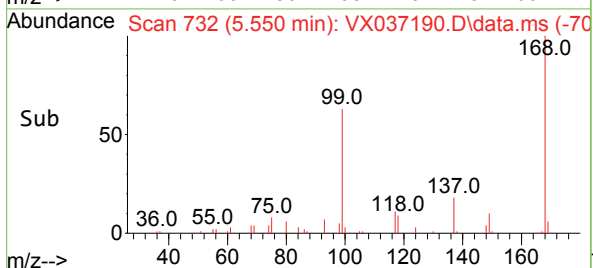
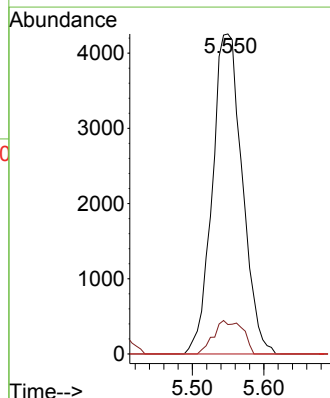
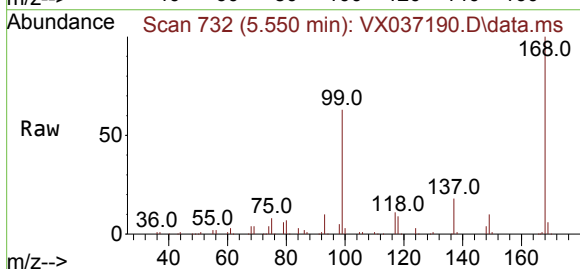
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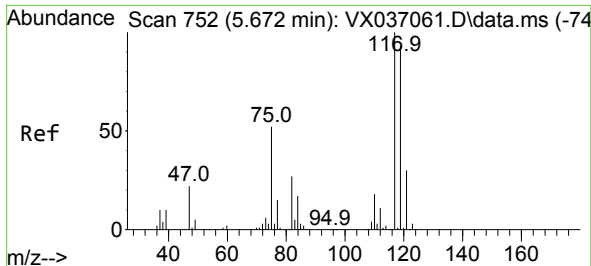
Tgt Ion:	113	Resp:	74704
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	18.4	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.342 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

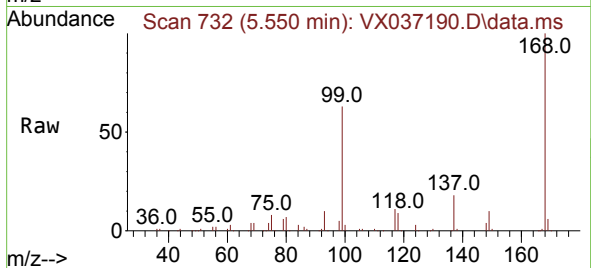
Tgt Ion:	75	Resp:	12371
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.0	50.9#
77	0.0	24.7	37.1#



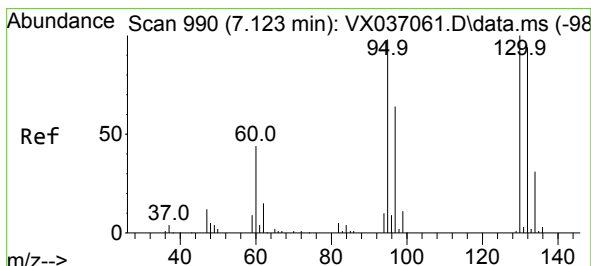
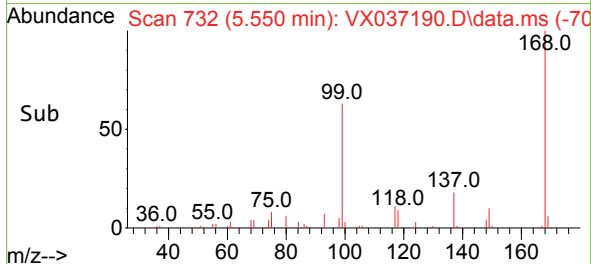
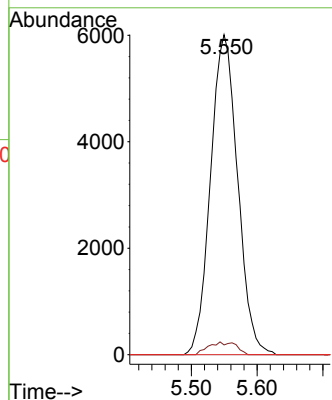


#38
Carbon Tetrachloride
Concen: 6.852 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

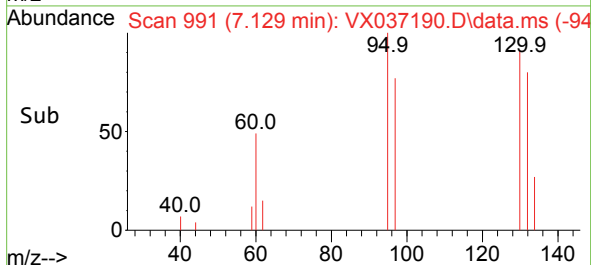
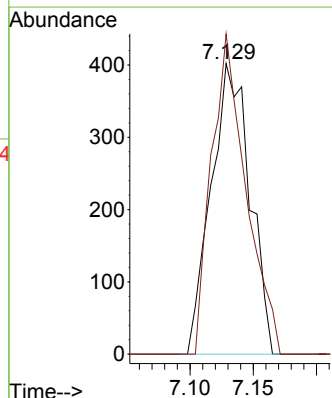
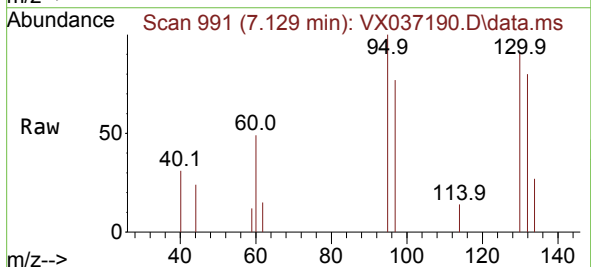


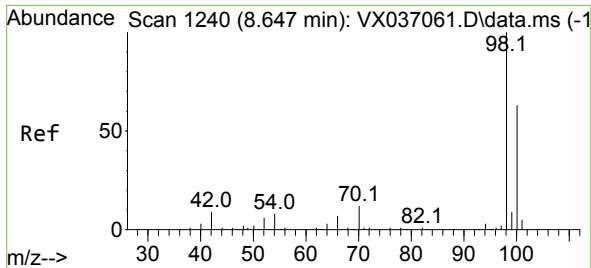
Tgt Ion:117 Resp: 17238
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.454 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion:130 Resp: 856
Ion Ratio Lower Upper
130 100
95 110.2 0.0 204.4

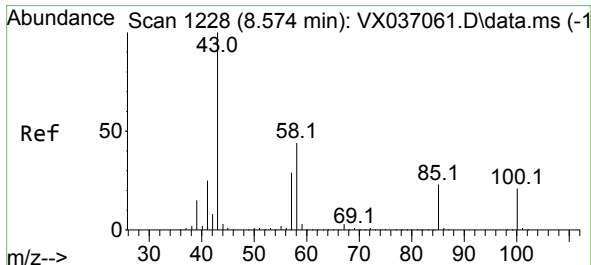
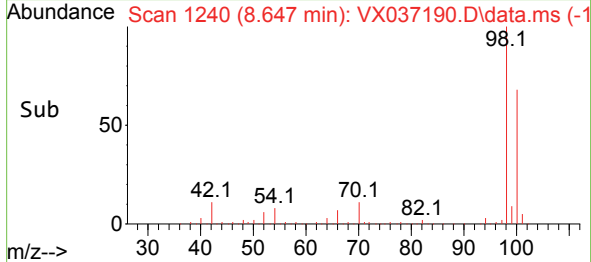
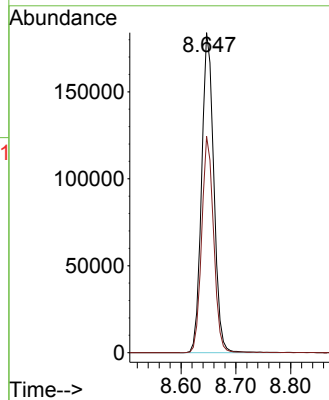
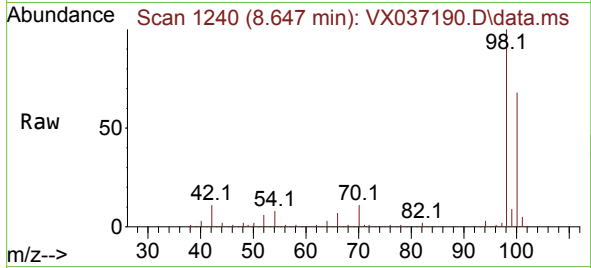




#50
Toluene-d8
Concen: 48.022 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

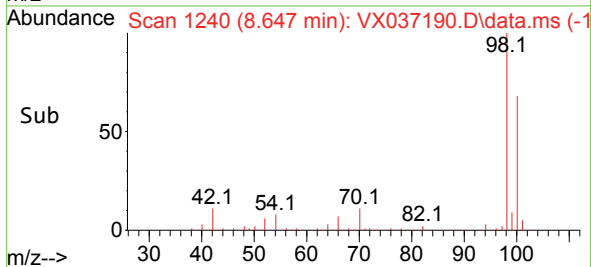
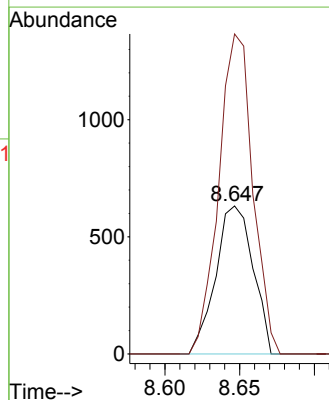
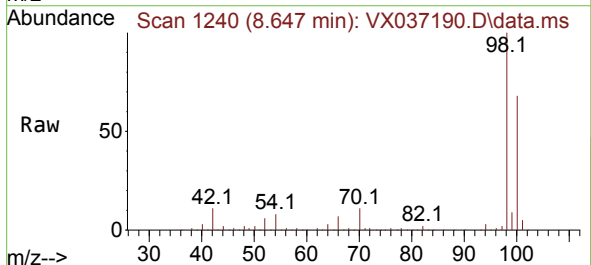
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

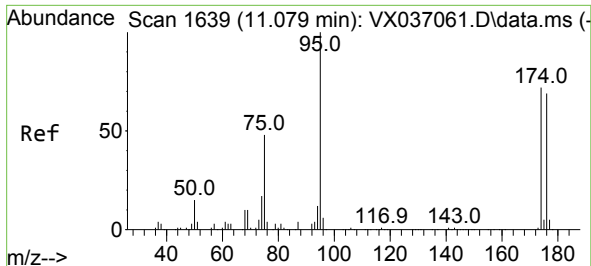
Tgt Ion: 98 Resp: 283953
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
58 197.5 30.4 45.6#

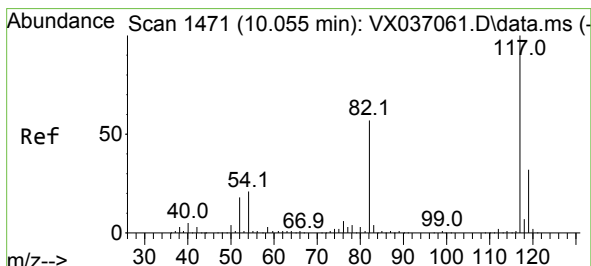
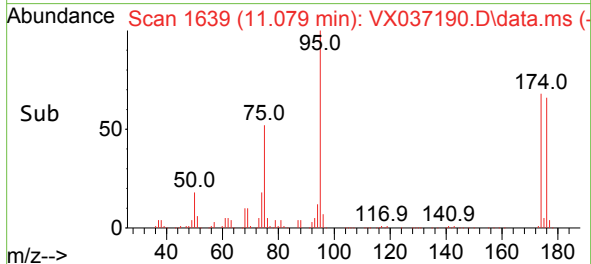
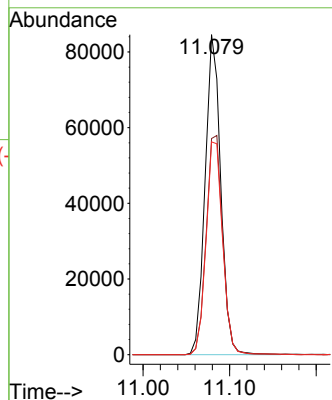
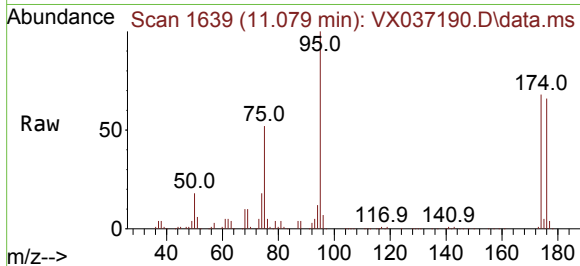




#62
4-Bromofluorobenzene
Concen: 45.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

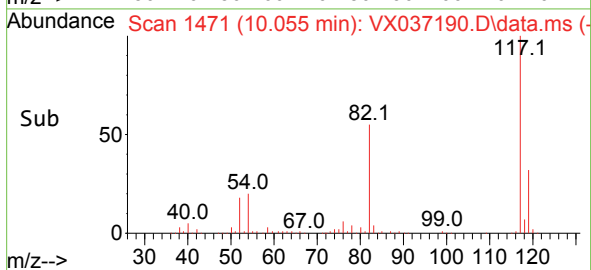
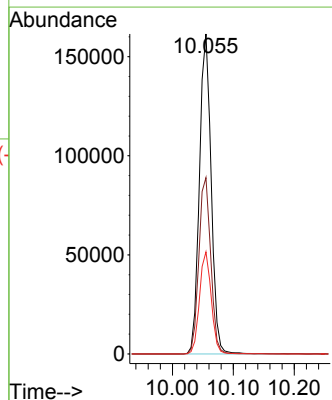
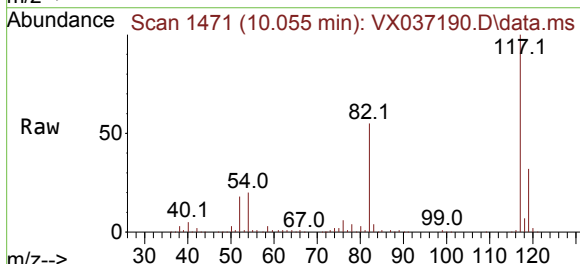
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

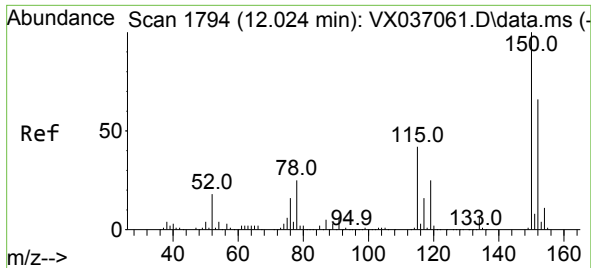
Tgt Ion: 95 Resp: 106028
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion: 117 Resp: 215419
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.9 25.5 38.3

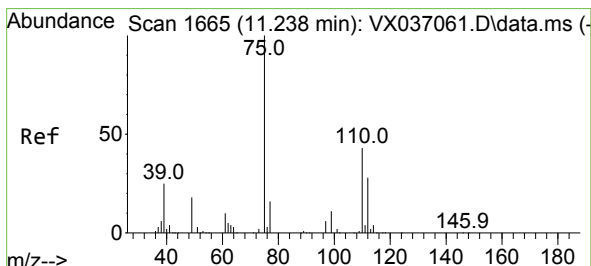
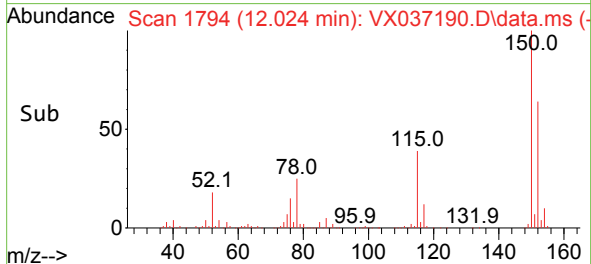
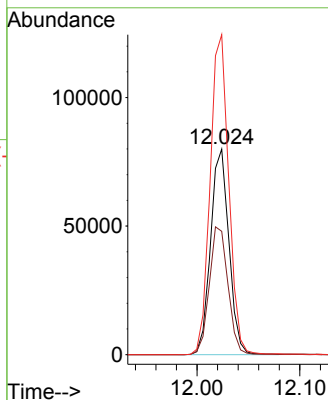
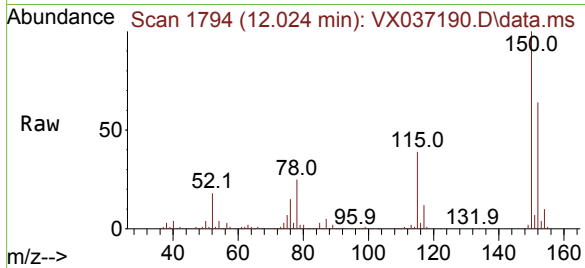




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037190.D
 Acq: 23 Aug 2023 17:54

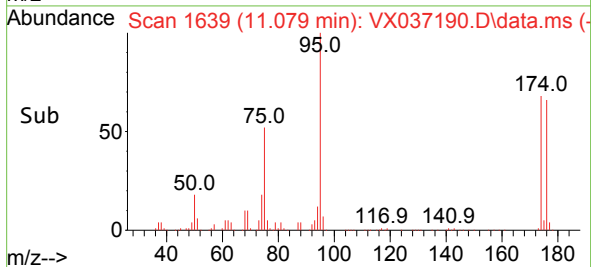
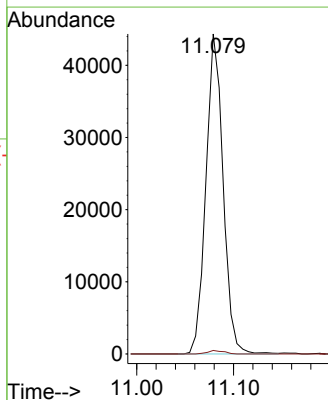
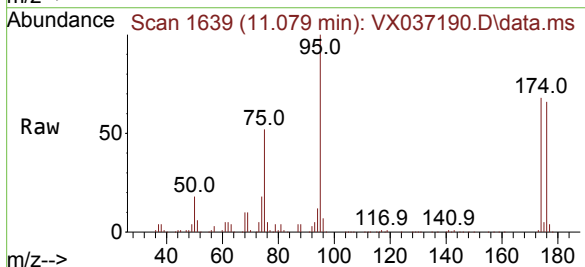
Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230815

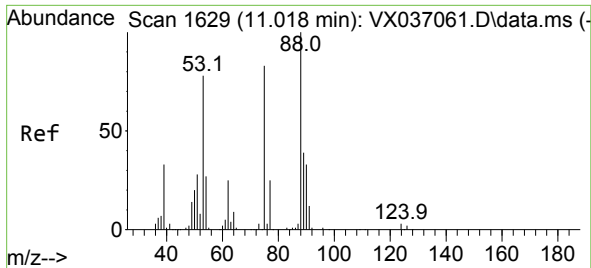
Tgt Ion:152 Resp: 99156
 Ion Ratio Lower Upper
 152 100
 115 63.5 43.3 129.9
 150 158.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.988 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037190.D
 Acq: 23 Aug 2023 17:54

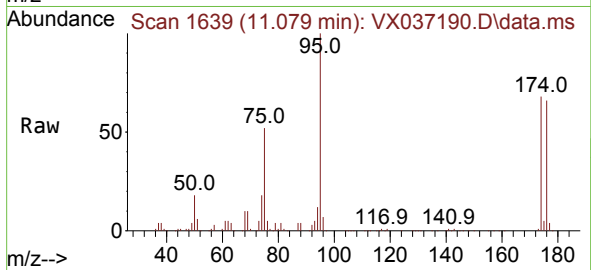
Tgt Ion: 75 Resp: 54878
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.585 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037190.D
 Acq: 23 Aug 2023 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230815



Tgt Ion: 75 Resp: 54878
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

