

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037433.D
 Acq On : 31 Aug 2023 16:17
 Operator : JC/MD
 Sample : 04150-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

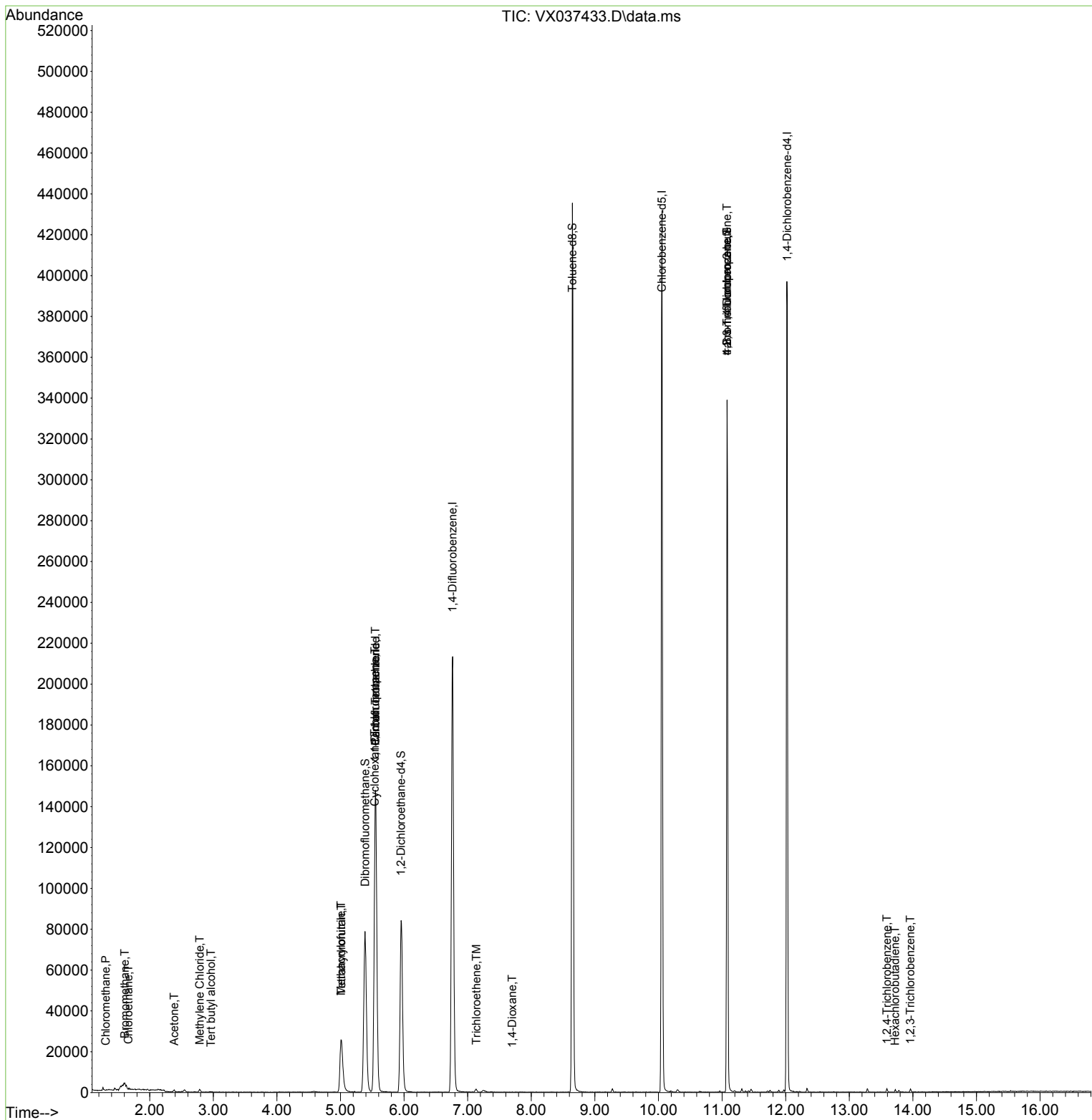
Instrument :
 MSVOA_X
 ClientSampleId :

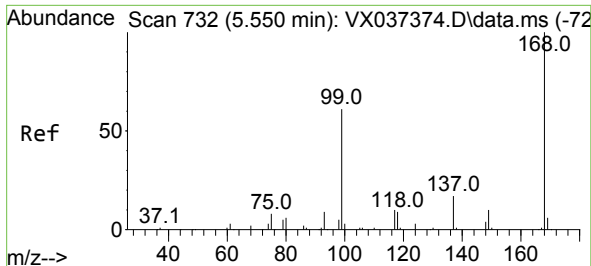
Quant Time: Sep 01 03:13:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	139247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84874	42.279	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.560%
35) Dibromofluoromethane	5.385	113	69989	46.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.647	98	267389	48.804	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	93892	43.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	290	0.205	ug/l #	43
5) Bromomethane	1.605	94	179	0.233	ug/l #	74
6) Chloroethane	1.666	64	230	0.254	ug/l #	43
11) Tert butyl alcohol	2.965	59	226	0.480	ug/l #	78
16) Acetone	2.386	43	1081	1.376	ug/l	95
20) Methylene Chloride	2.788	84	758	0.432	ug/l #	69
29) Tetrahydrofuran	5.013	42	24345	32.283	ug/l #	84
31) Cyclohexane	5.537	56	2676	1.186	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11111	5.178	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14738	6.323	ug/l #	15
41) Methacrylonitrile	5.007	41	14152	12.419	ug/l #	48
44) Trichloroethene	7.135	130	639	0.366	ug/l	89
49) 1,4-Dioxane	7.702	88	19	0.416	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	46482	25.167	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46482	70.292	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	582	0.352	ug/l	92
94) Hexachlorobutadiene	13.719	225	296	0.464	ug/l	82
96) 1,2,3-Trichlorobenzene	13.963	180	523	0.319	ug/l	84

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

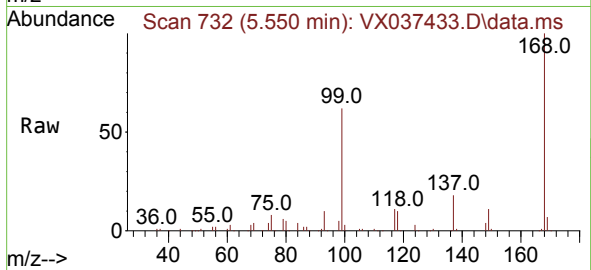
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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



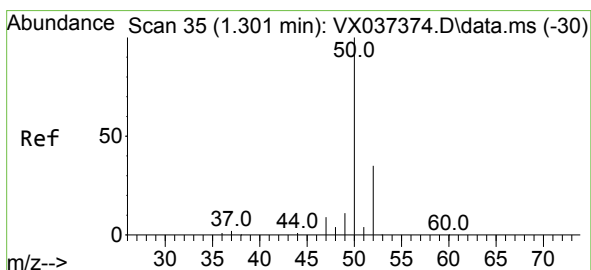
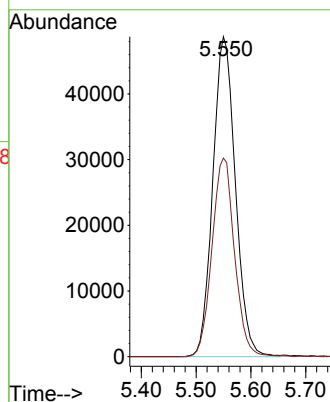


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

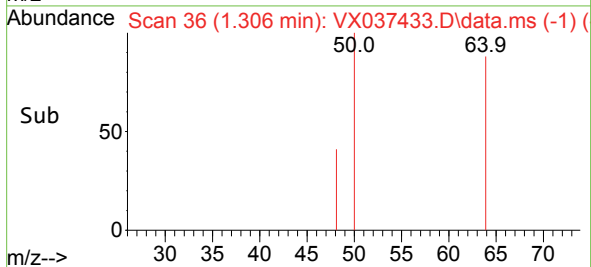
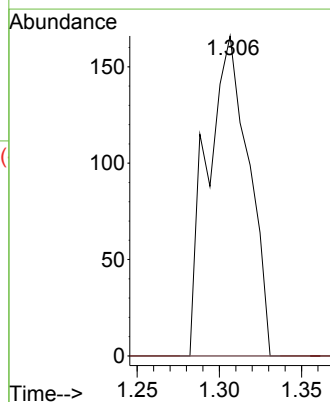
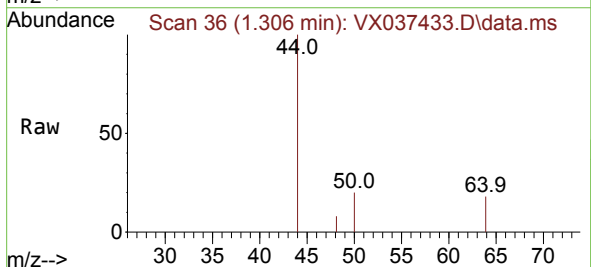


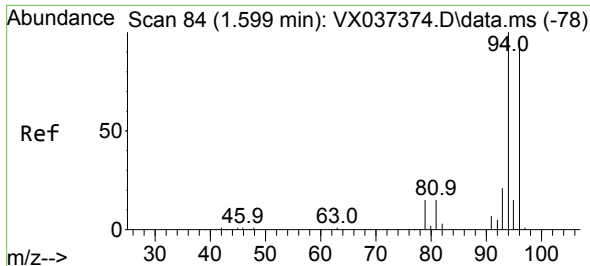
Tgt Ion:168 Resp: 139247
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.306 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

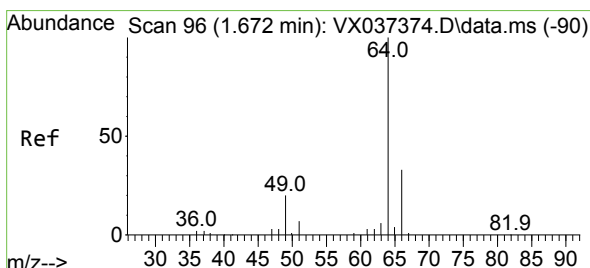
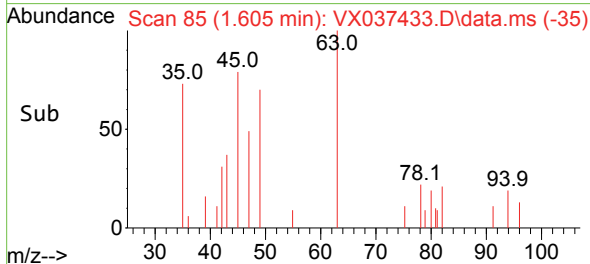
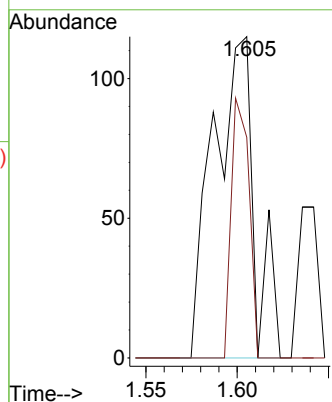
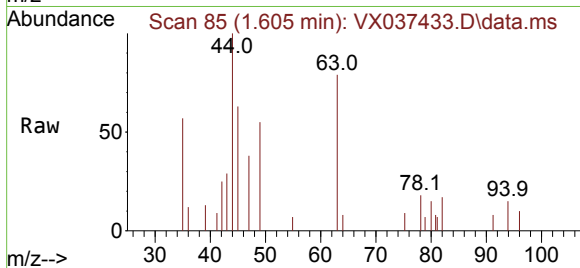




#5
Bromomethane
Concen: 0.233 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

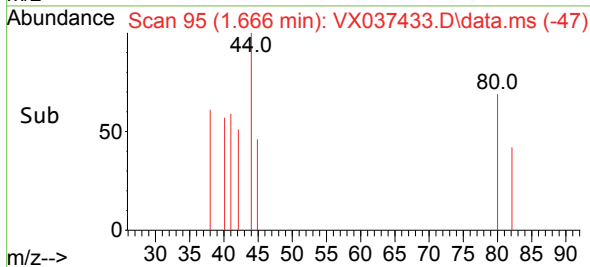
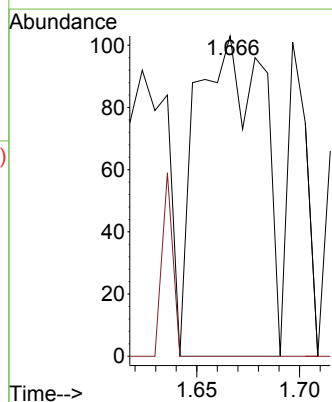
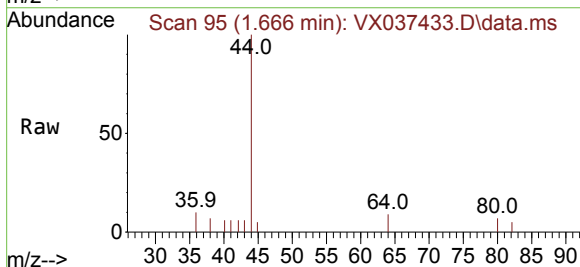
Instrument :
MSVOA_X
ClientSampleId :

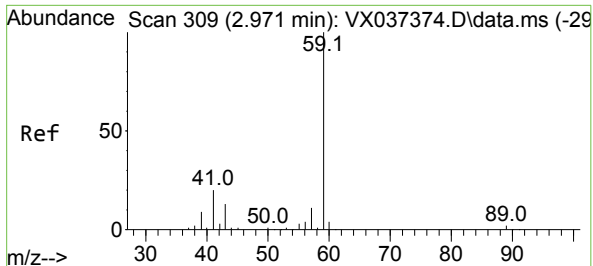
Tgt Ion: 94 Resp: 179
Ion Ratio Lower Upper
94 100
96 68.7 74.6 111.8#



#6
Chloroethane
Concen: 0.254 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.006 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

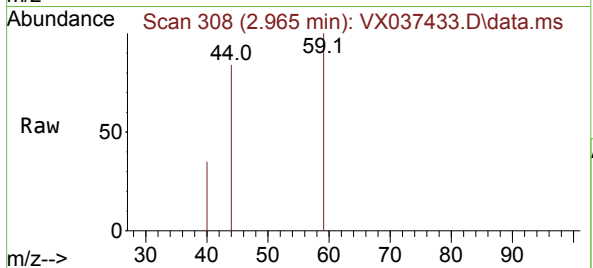
Tgt Ion: 64 Resp: 230
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



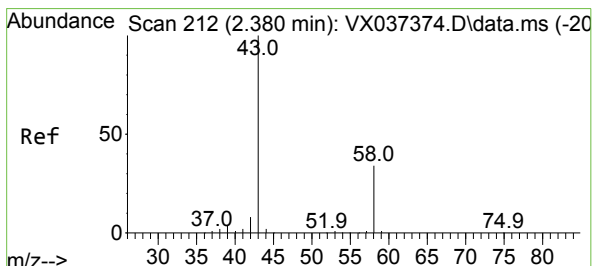
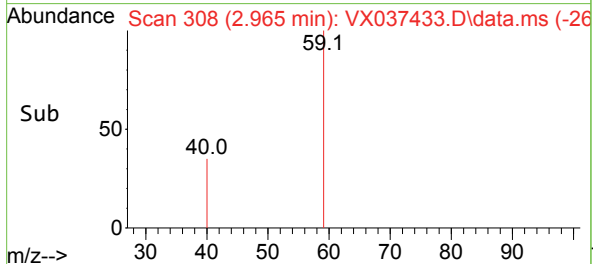
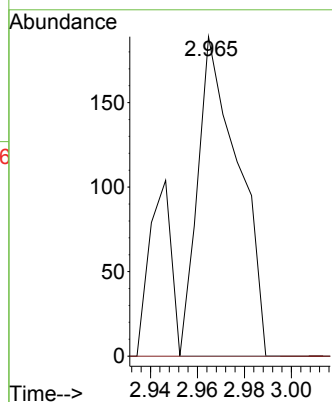


#11
Tert butyl alcohol
Concen: 0.480 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

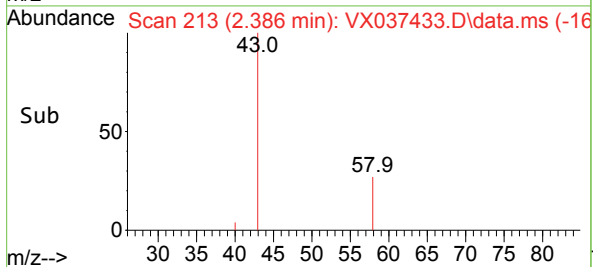
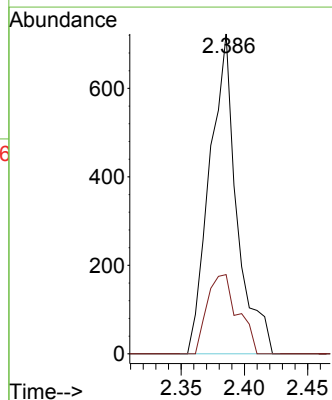
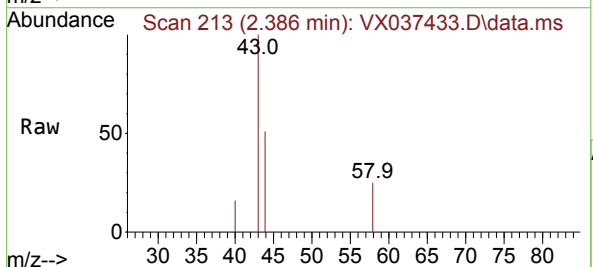


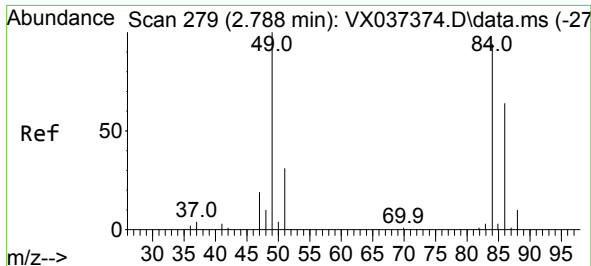
Tgt Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.376 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

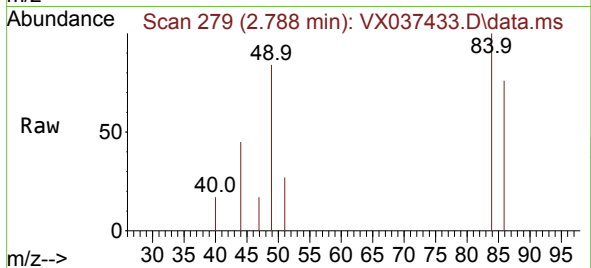
Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
58 24.8 21.9 32.9



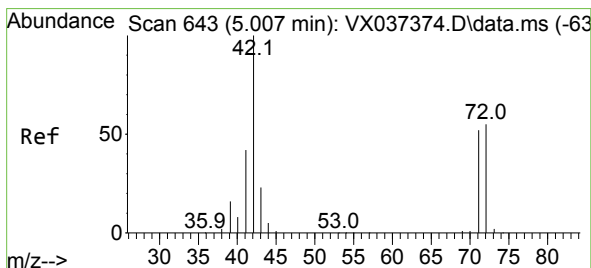
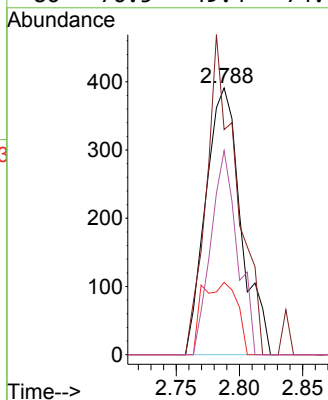
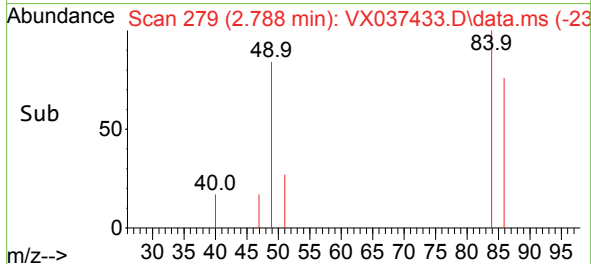


#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

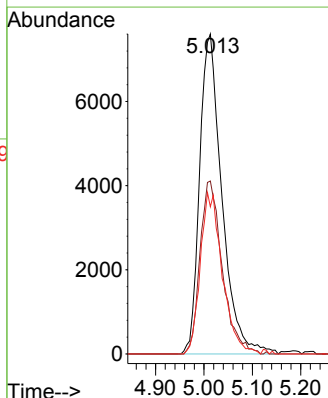
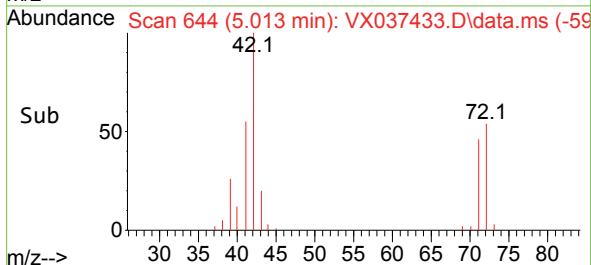
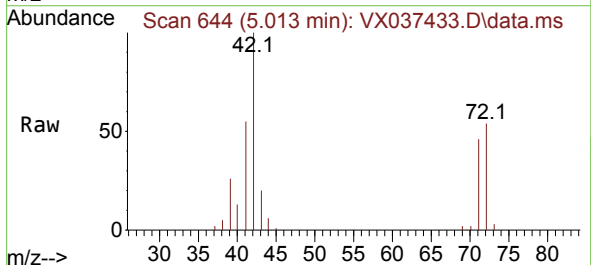


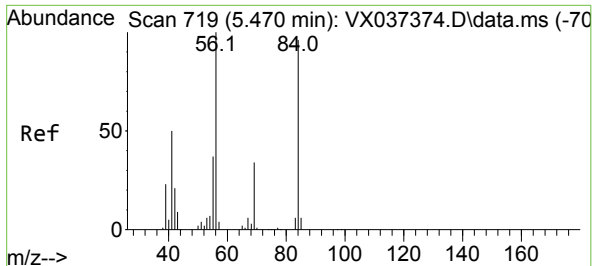
Tgt Ion: 84	Resp: 758
Ion Ratio	Lower Upper
84 100	
49 84.4	103.6 155.4#
51 27.1	33.8 50.6#
86 76.5	49.4 74.0#



#29
Tetrahydrofuran
Concen: 32.283 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

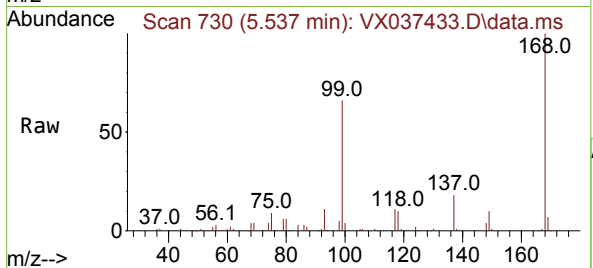
Tgt Ion: 42	Resp: 24345
Ion Ratio	Lower Upper
42 100	
72 53.9	34.2 51.4#
71 49.7	32.2 48.2#



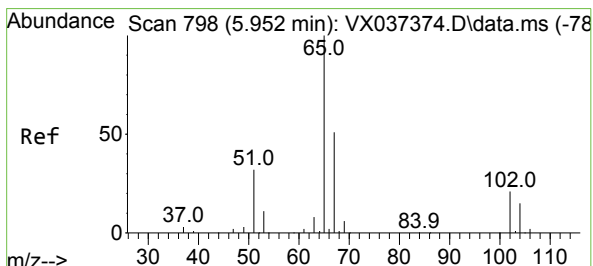
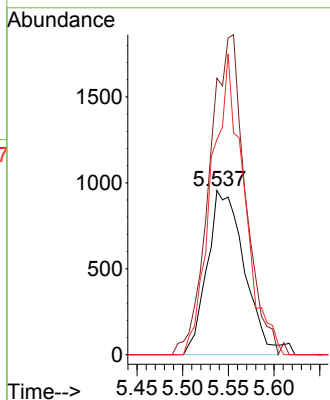
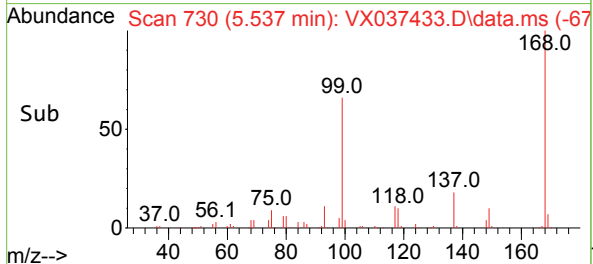


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

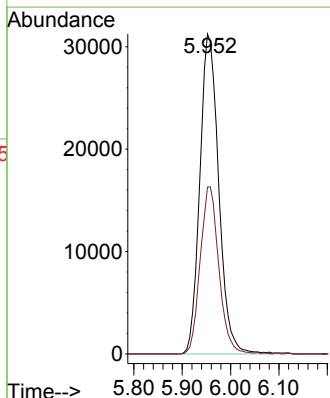
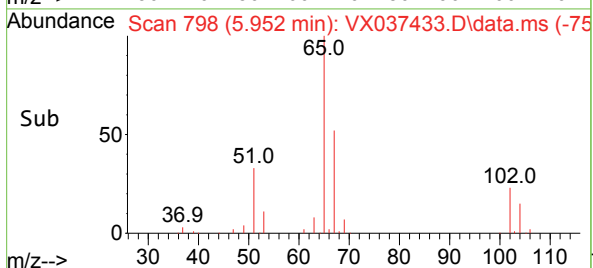
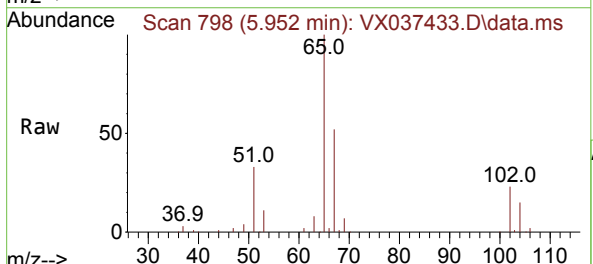


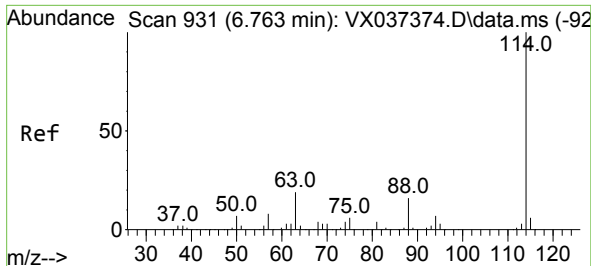
Tgt Ion: 56 Resp: 2676
Ion Ratio Lower Upper
56 100
69 168.5 23.4 35.2#
84 131.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.279 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Tgt Ion: 65 Resp: 84874
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

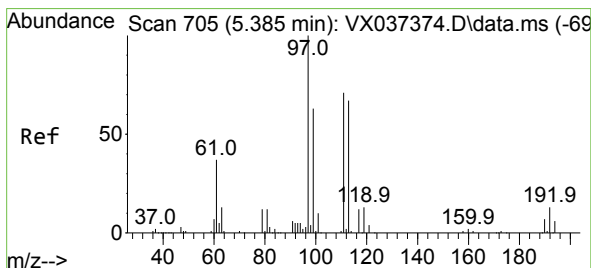
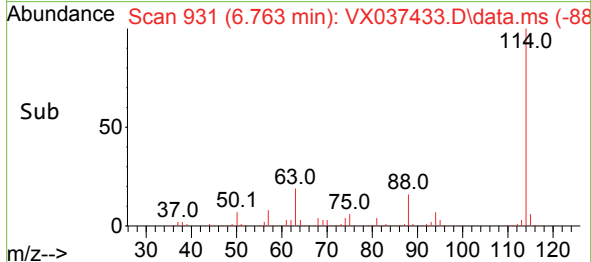
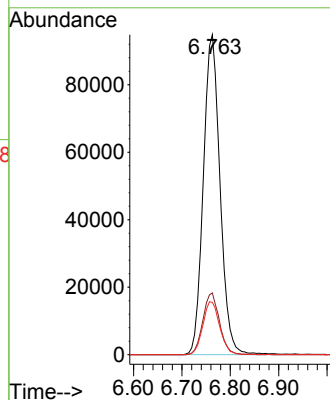
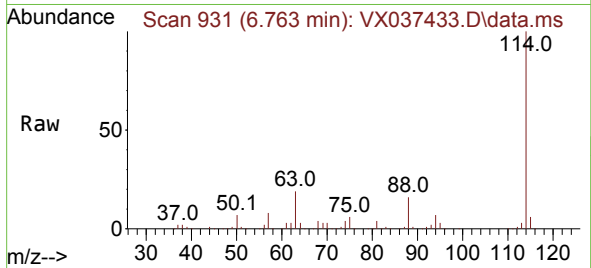




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

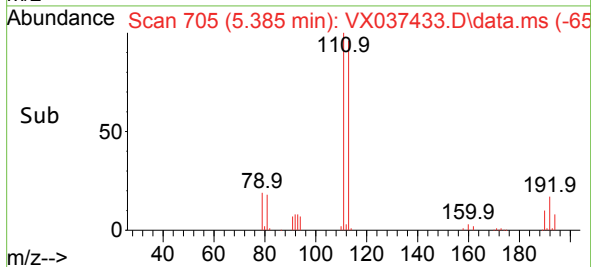
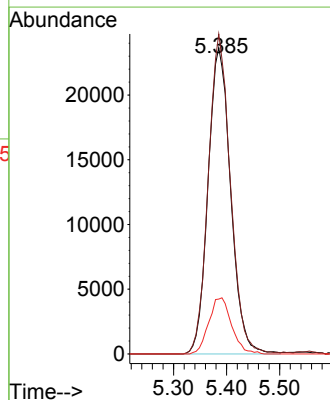
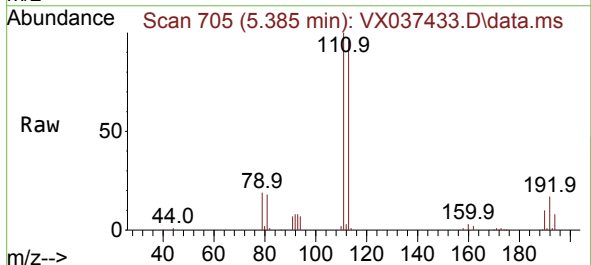
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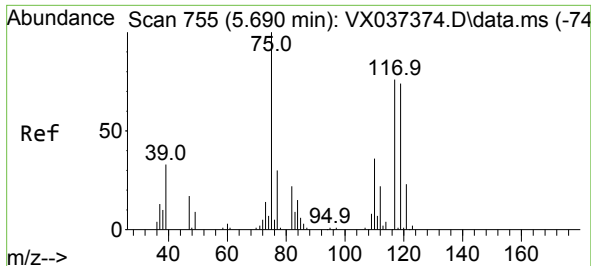
Tgt Ion:114 Resp: 228062
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.338 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

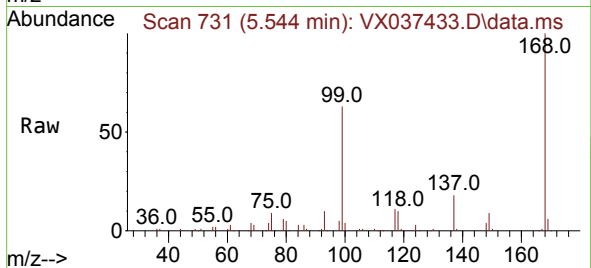
Tgt Ion:113 Resp: 69989
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.6 13.3 19.9



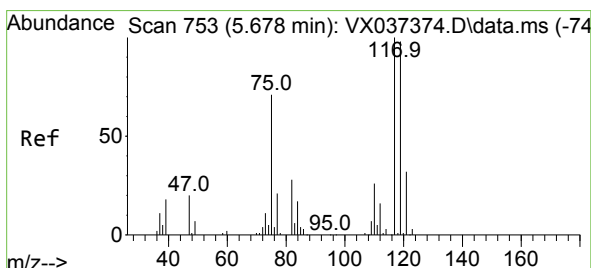
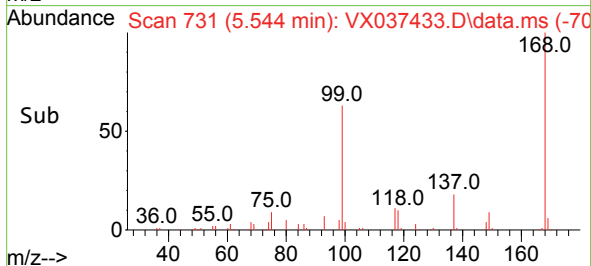
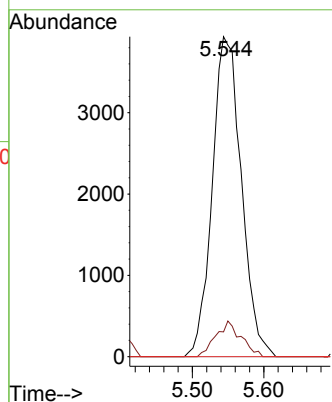


#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.153 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

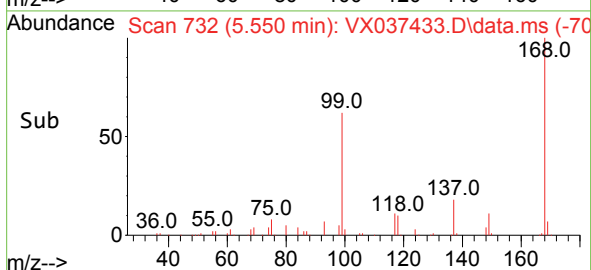
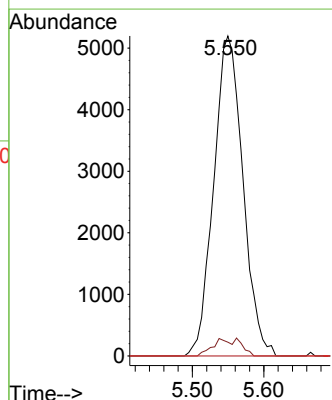
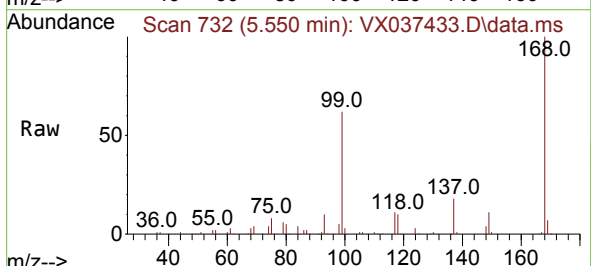


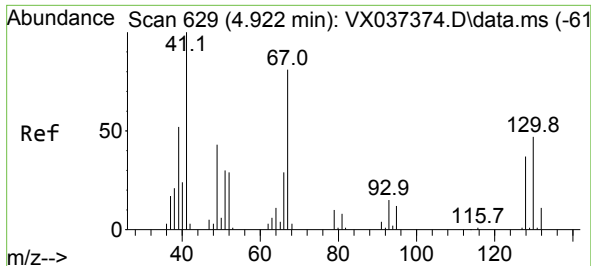
Tgt Ion: 75 Resp: 11111
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

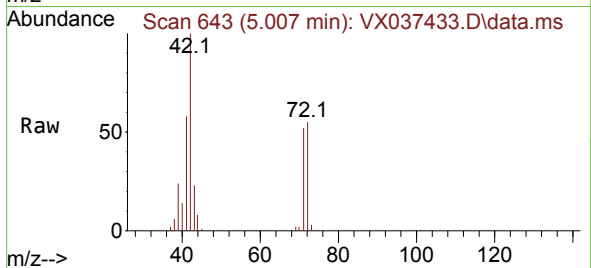
Tgt Ion: 117 Resp: 14738
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



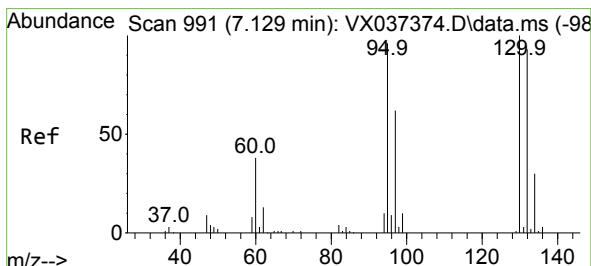
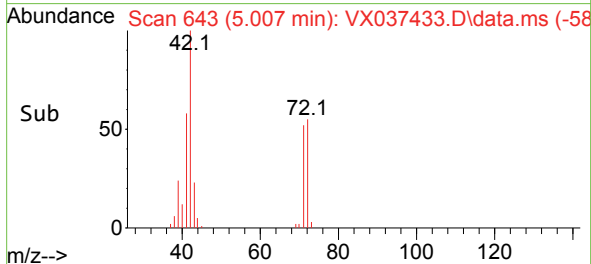
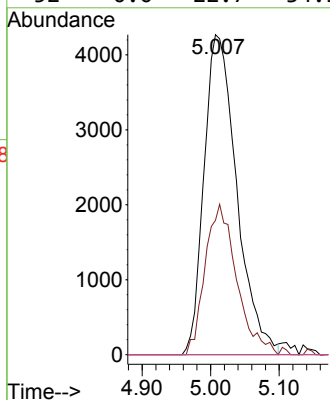


#41
Methacrylonitrile
Concen: 12.419 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.085 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

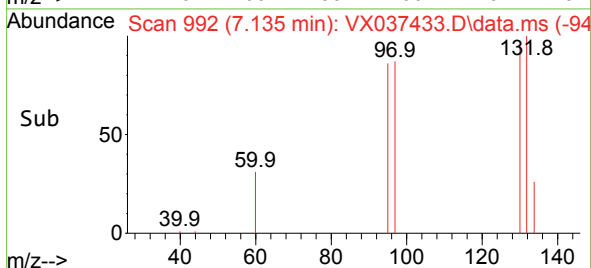
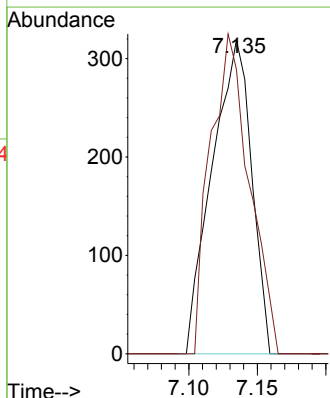
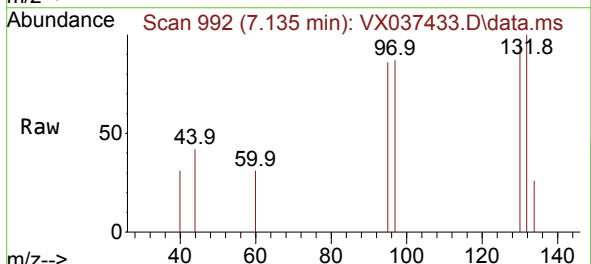


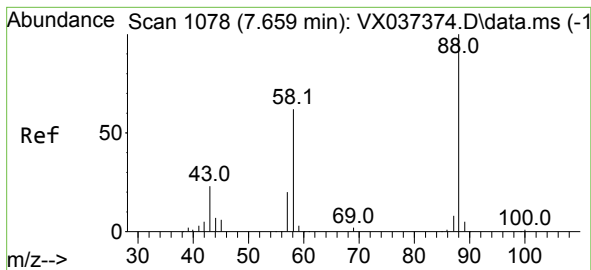
Tgt Ion: 41 Resp: 14152
Ion Ratio Lower Upper
41 100
39 45.3 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#44
Trichloroethene
Concen: 0.366 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Tgt Ion: 130 Resp: 639
Ion Ratio Lower Upper
130 100
95 90.6 0.0 204.4





#49

1,4-Dioxane

Concen: 0.416 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.043 min

Lab File: VX037433.D

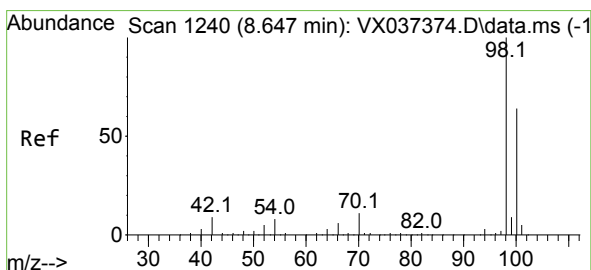
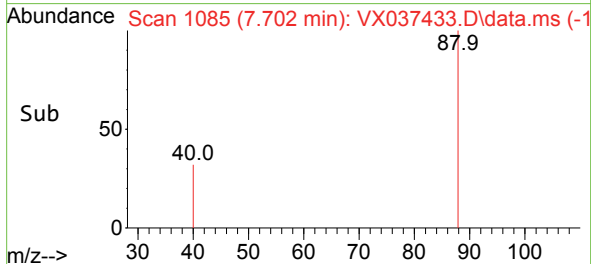
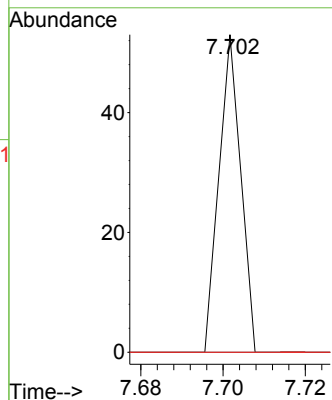
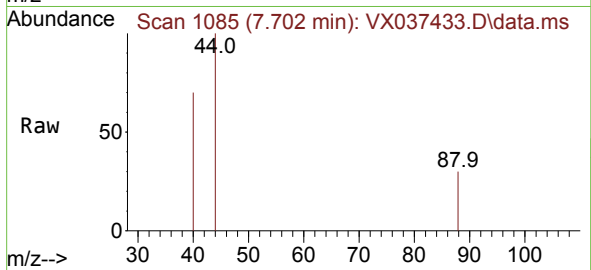
Acq: 31 Aug 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	88	Resp:	19
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	60.1	90.1#



#50

Toluene-d8

Concen: 48.804 ug/l

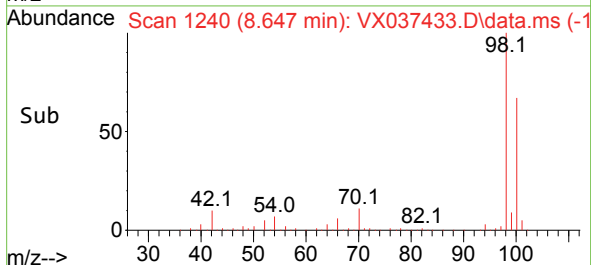
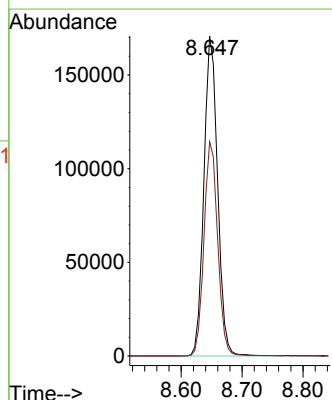
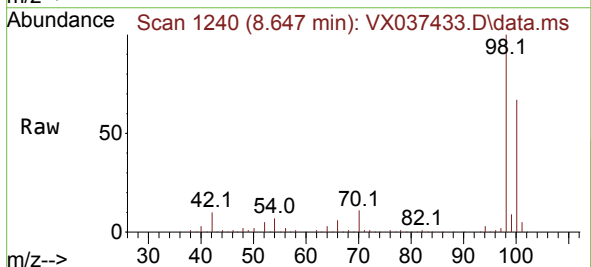
RT: 8.647 min Scan# 1240

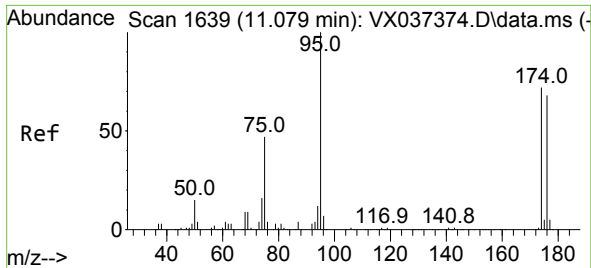
Delta R.T. -0.000 min

Lab File: VX037433.D

Acq: 31 Aug 2023 16:17

Tgt Ion:	98	Resp:	267389
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.1	79.7

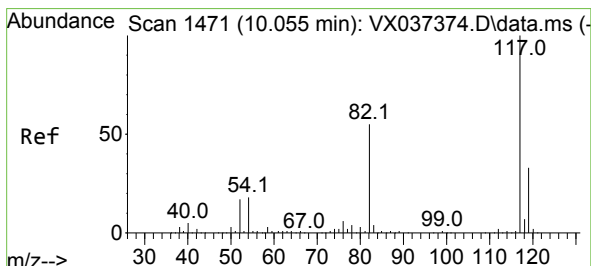
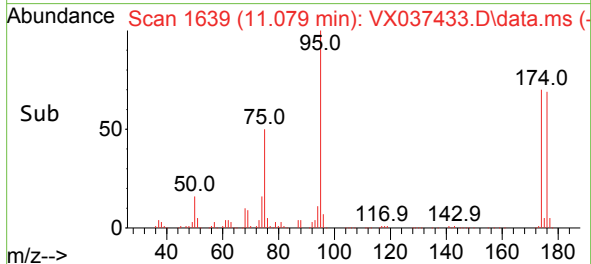
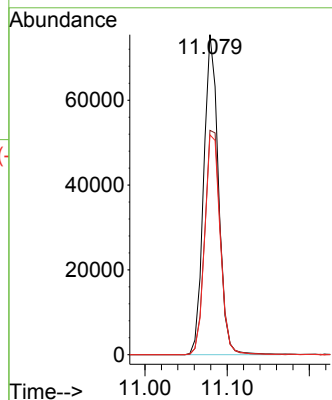
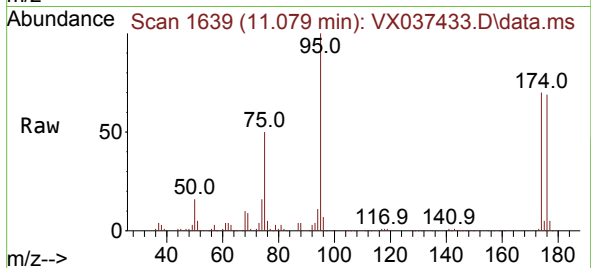




#62
4-Bromofluorobenzene
Concen: 43.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

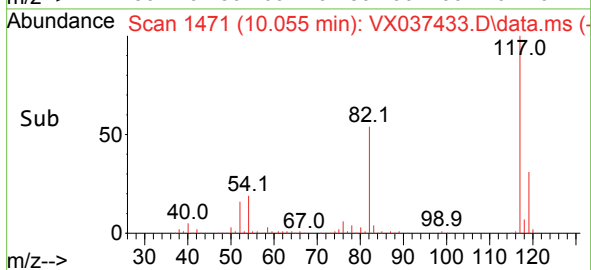
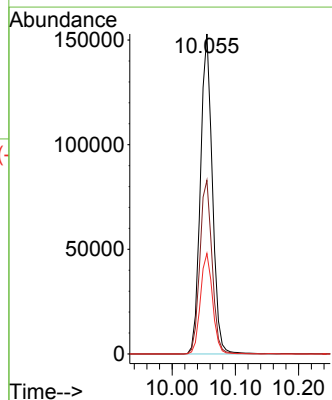
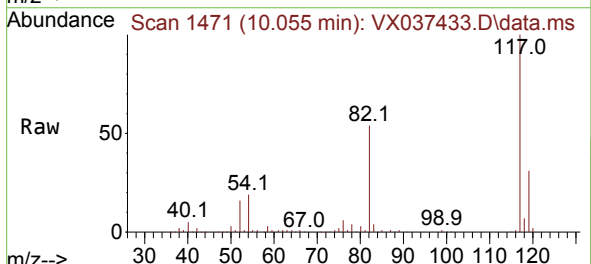
Instrument :
MSVOA_X
ClientSampleId :

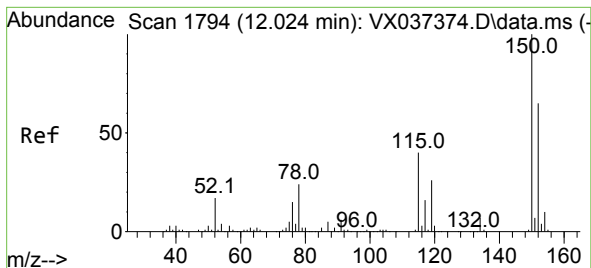
Tgt Ion: 95 Resp: 93892
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 72.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

Tgt Ion: 117 Resp: 200840
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.4 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: VX037433.D

Acq: 31 Aug 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

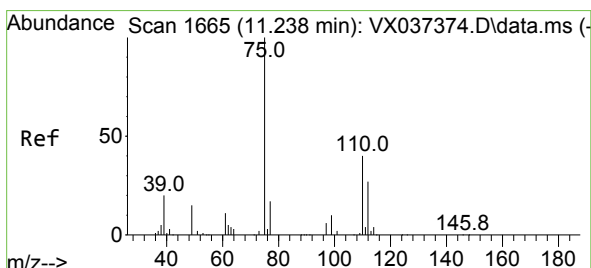
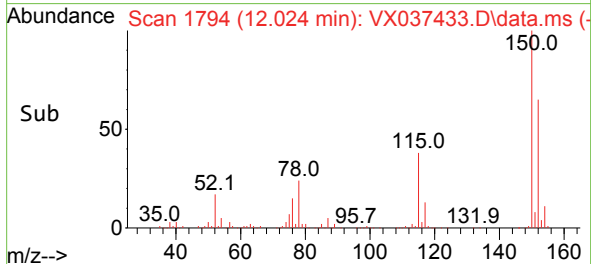
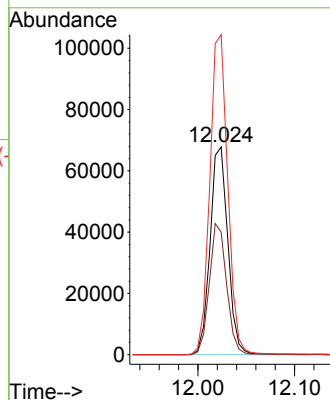
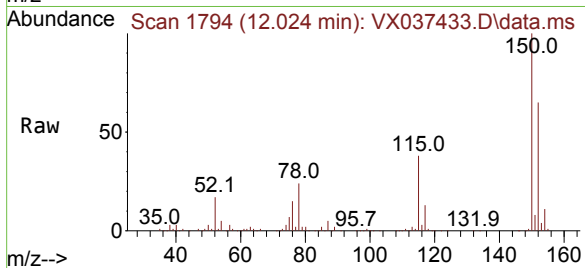
Tgt Ion:152 Resp: 86725

Ion Ratio Lower Upper

152 100

115 61.7 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.167 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037433.D

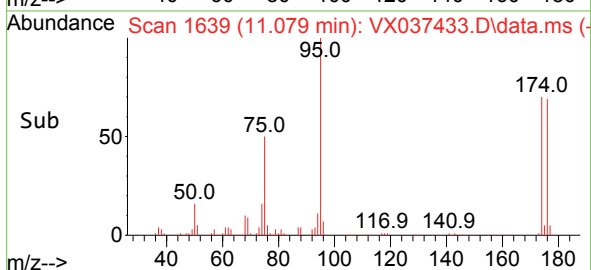
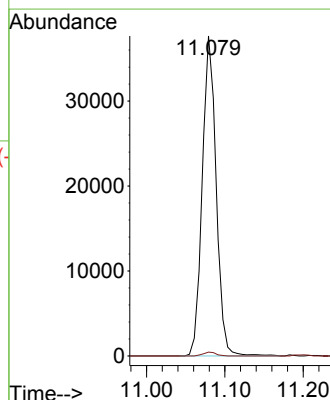
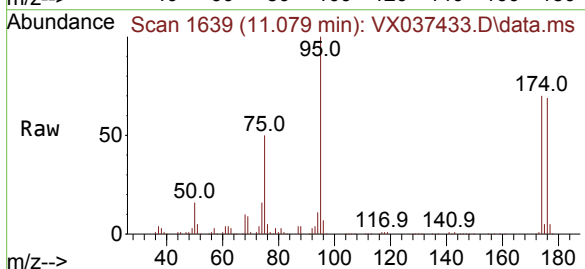
Acq: 31 Aug 2023 16:17

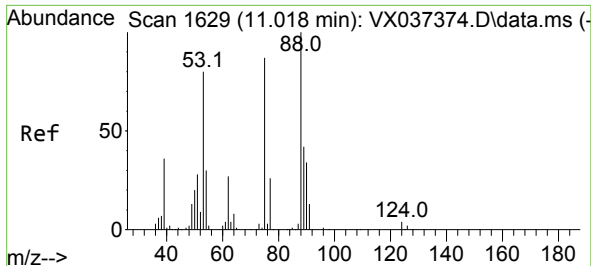
Tgt Ion: 75 Resp: 46482

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

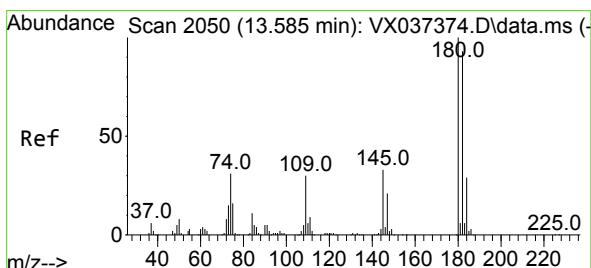
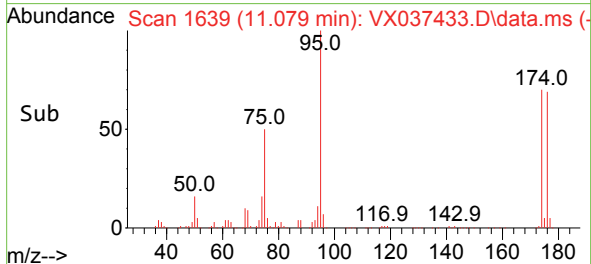
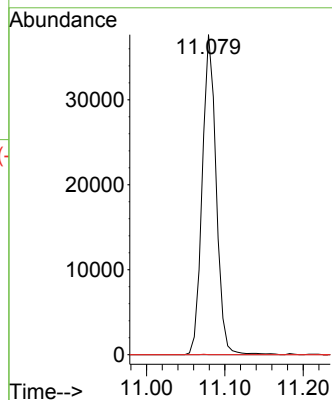
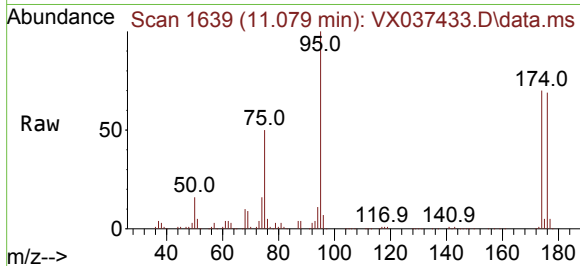




#81
trans-1,4-Dichloro-2-butene
Concen: 70.292 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

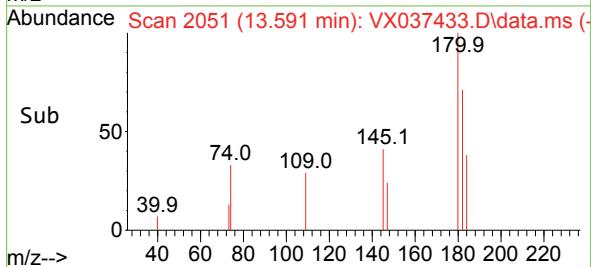
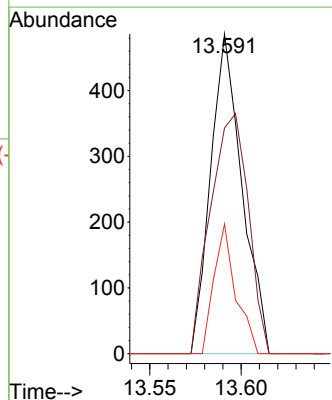
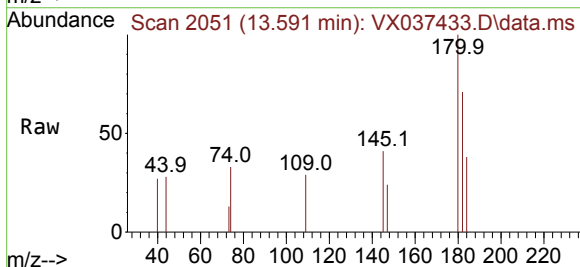
Instrument :
MSVOA_X
ClientSampleId :

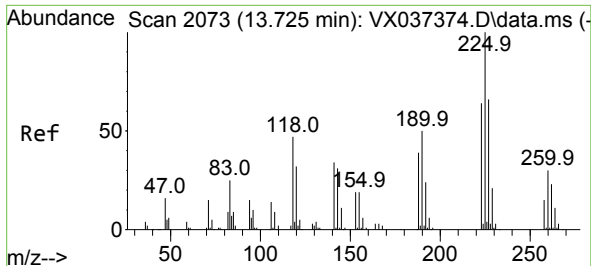
Tgt Ion: 75 Resp: 46482
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.352 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

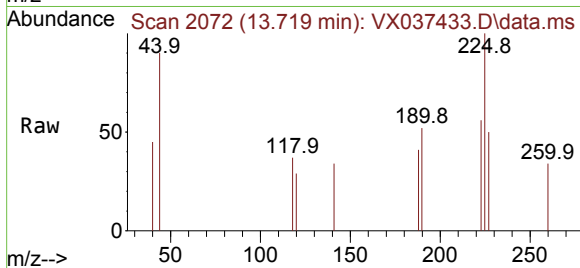
Tgt Ion:180 Resp: 582
Ion Ratio Lower Upper
180 100
182 90.2 48.3 144.8
145 28.2 18.0 54.0



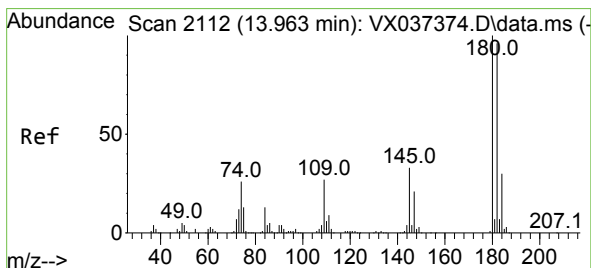
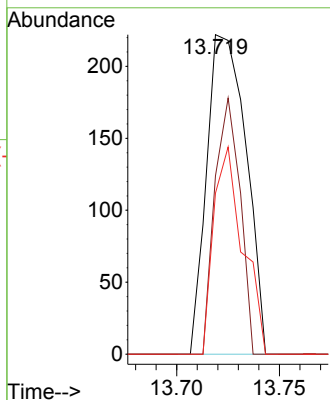
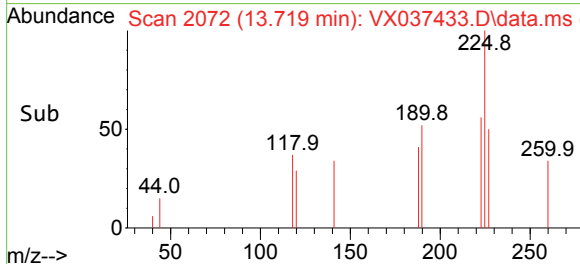


#94
Hexachlorobutadiene
Concen: 0.464 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17

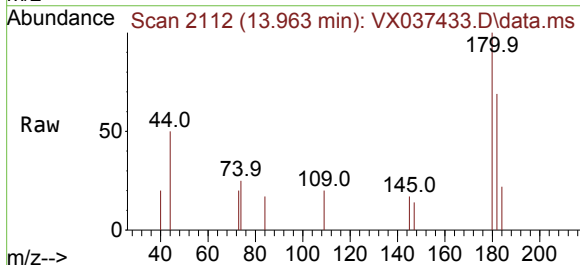
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:225 Resp: 296
Ion Ratio Lower Upper
225 100
223 51.0 31.1 93.2
227 48.3 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.319 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037433.D
Acq: 31 Aug 2023 16:17



Tgt Ion:180 Resp: 523
Ion Ratio Lower Upper
180 100
182 80.7 46.9 140.6
145 22.0 17.8 53.5

