

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037131.D
 Acq On : 21 Aug 2023 15:20
 Operator : JC/MD
 Sample : 04086-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 05:57:07 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)

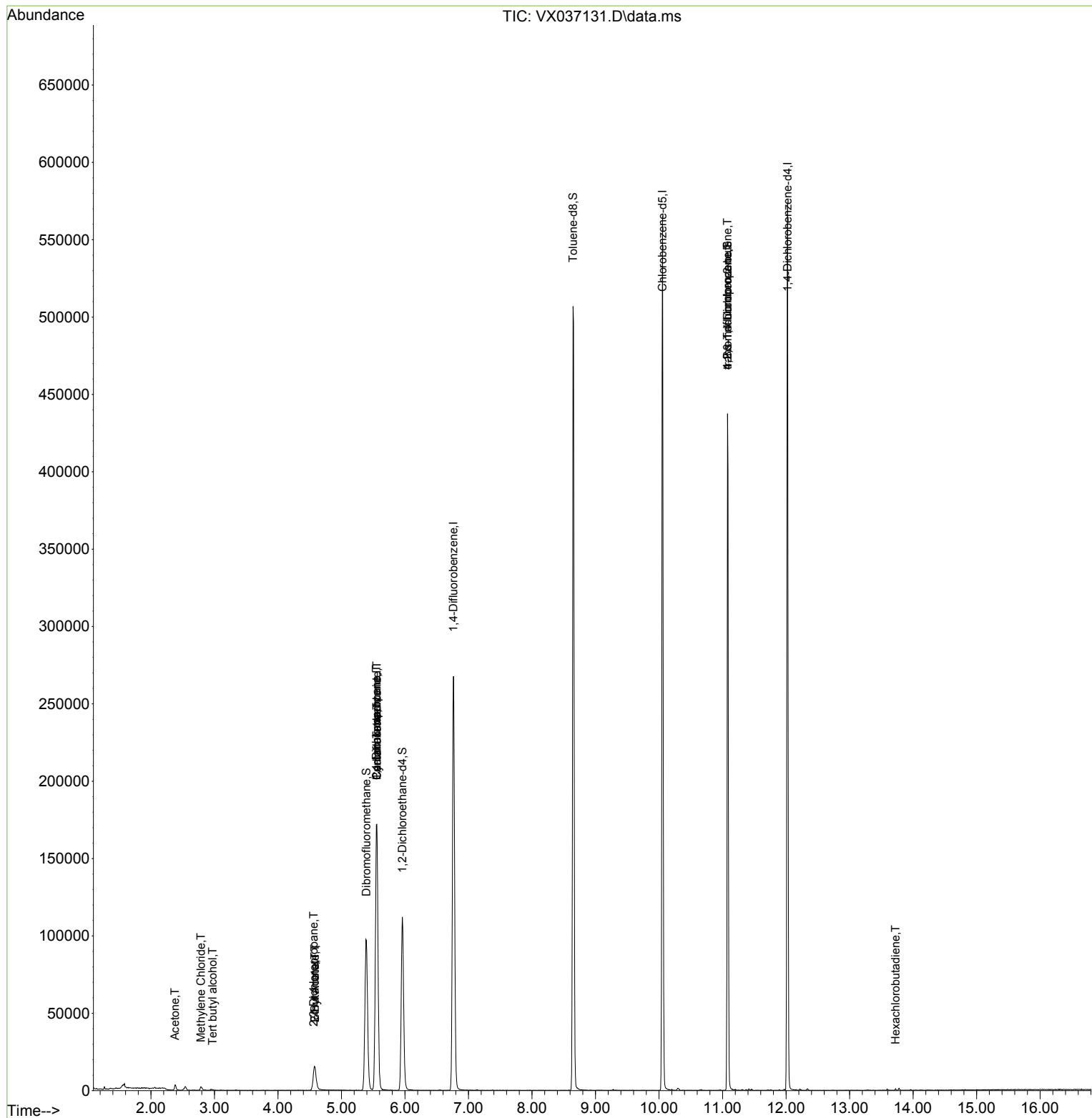
Internal Standards						
1) Pentafluorobenzene	5.556	168	159588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	279839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112501	48.898	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.800%	
35) Dibromofluoromethane	5.391	113	87457	47.190	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.380%	
50) Toluene-d8	8.647	98	313190	46.587	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	93.180%	
62) 4-Bromofluorobenzene	11.079	95	119513	45.237	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	694	1.286	ug/l #	78
16) Acetone	2.380	43	3701	4.112	ug/l	96
20) Methylene Chloride	2.788	84	1397	0.694	ug/l #	88
25) 2-Butanone	4.580	43	1070	0.790	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	1364	0.467	ug/l #	54
31) Cyclohexane	5.556	56	3412	1.319	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13022	4.946	ug/l #	51
37) Ethyl Acetate	4.580	43	1070	0.398	ug/l #	1
38) Carbon Tetrachloride	5.556	117	17486	6.114	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	61708	24.114	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61708	67.353	ug/l #	5
94) Hexachlorobutadiene	13.725	225	302	0.342	ug/l #	58

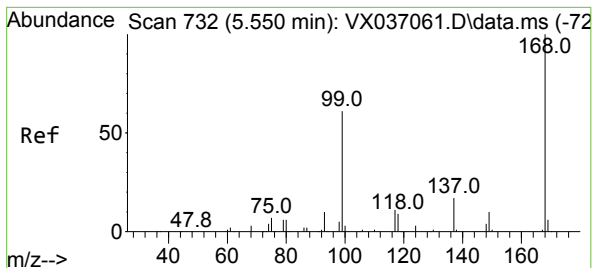
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
Data File : VX037131.D
Acq On : 21 Aug 2023 15:20
Operator : JC/MD
Sample : 04086-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 22 05:57:07 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

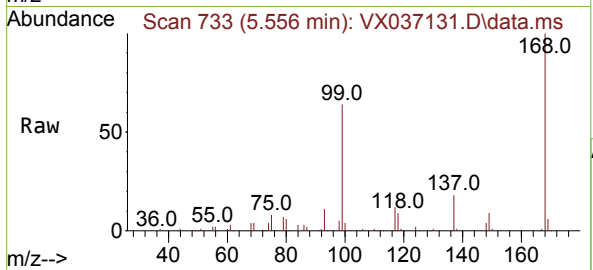
Lab File: VX037131.D

Acq: 21 Aug 2023 15:20

Instrument :

MSVOA_X

ClientSampleId :

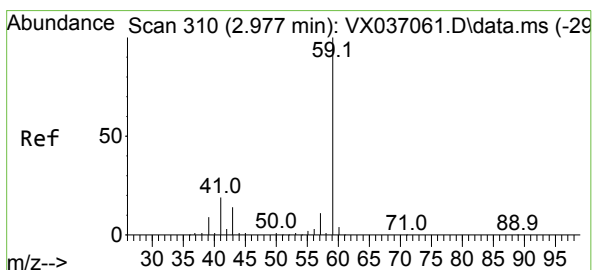
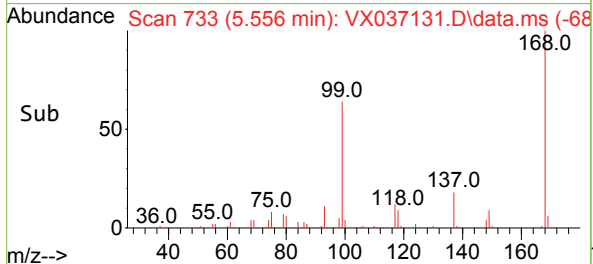
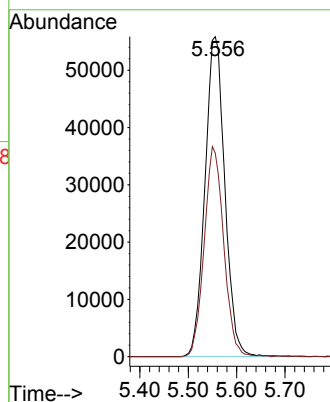


Tgt Ion:168 Resp: 159588

Ion Ratio Lower Upper

168 100

99 63.7 56.6 85.0



#11

Tert butyl alcohol

Concen: 1.286 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX037131.D

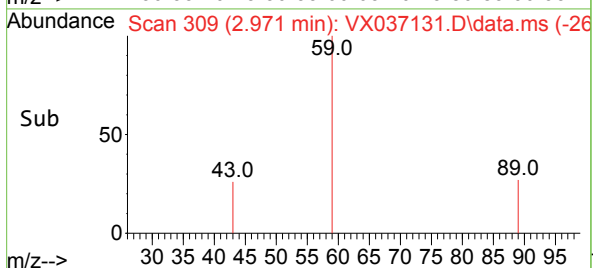
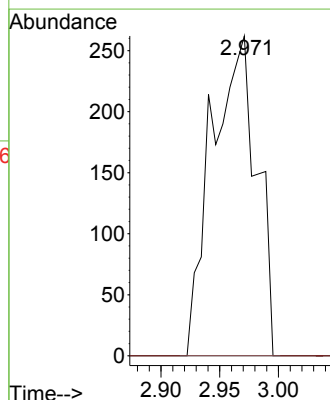
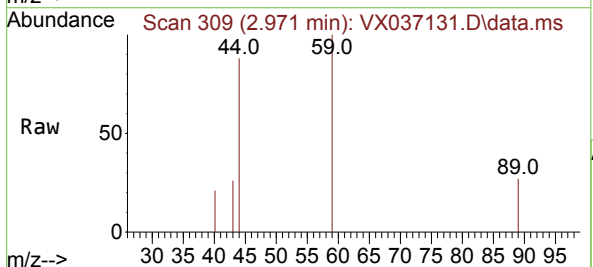
Acq: 21 Aug 2023 15:20

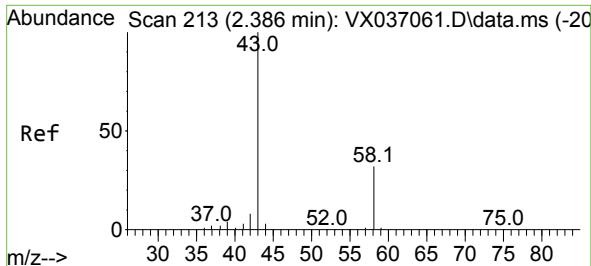
Tgt Ion: 59 Resp: 694

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 4.112 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037131.D

Acq: 21 Aug 2023 15:20

Instrument :

MSVOA_X

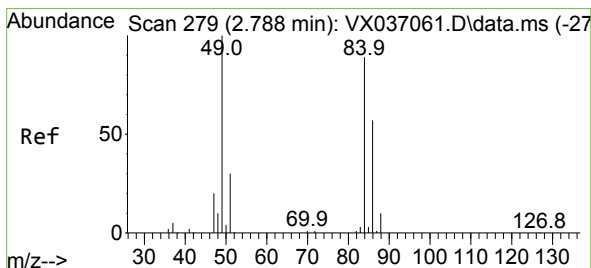
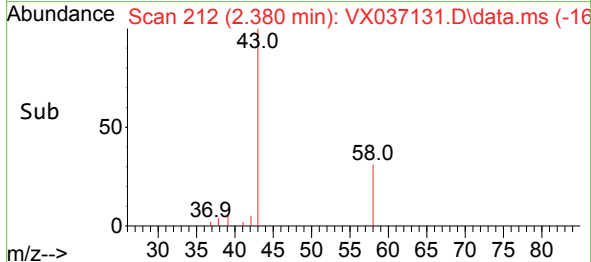
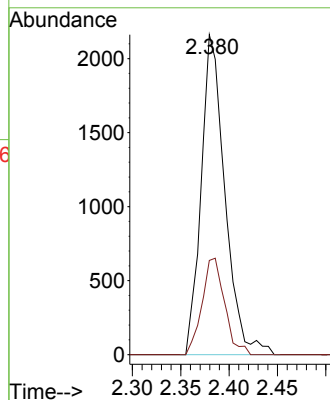
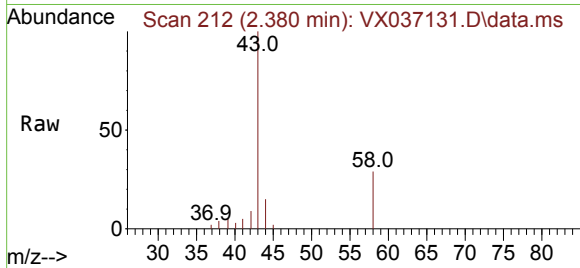
ClientSampleId :

Tgt Ion: 43 Resp: 3701

Ion Ratio Lower Upper

43 100

58 29.5 21.9 32.9



#20

Methylene Chloride

Concen: 0.694 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037131.D

Acq: 21 Aug 2023 15:20

Tgt Ion: 84 Resp: 1397

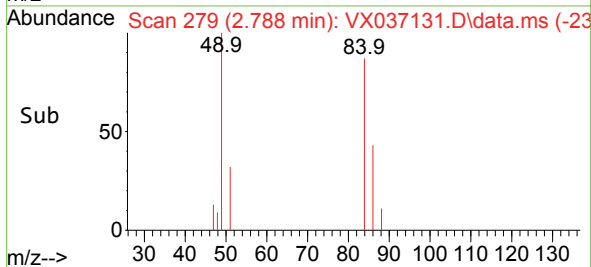
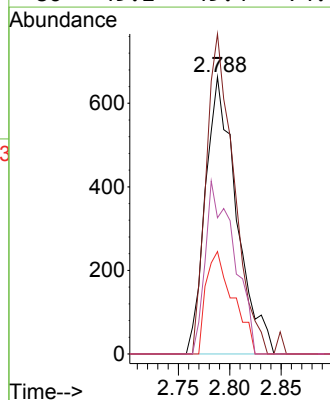
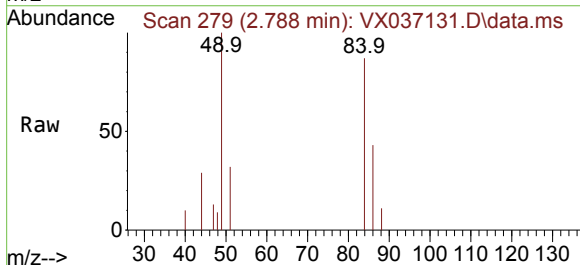
Ion Ratio Lower Upper

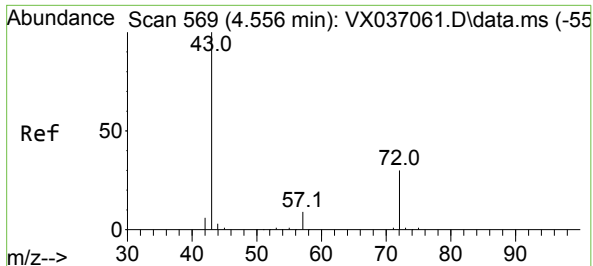
84 100

49 115.5 103.6 155.4

51 37.0 33.8 50.6

86 49.2 49.4 74.0#





#25

2-Butanone

Concen: 0.790 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX037131.D

Acq: 21 Aug 2023 15:20

Instrument :

MSVOA_X

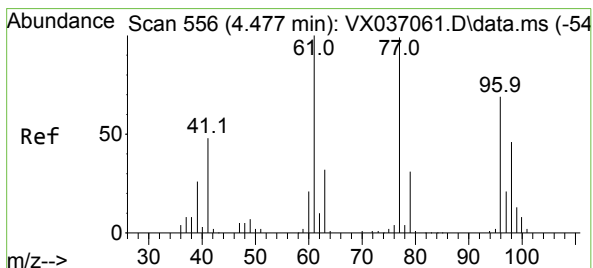
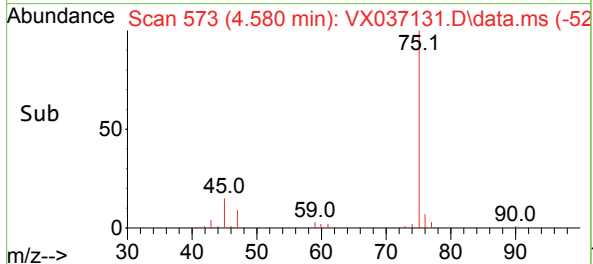
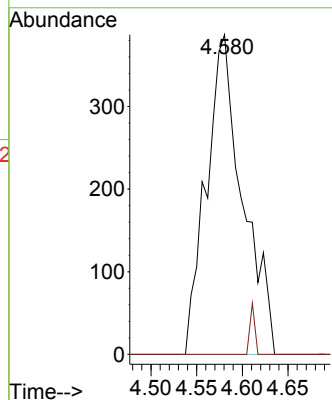
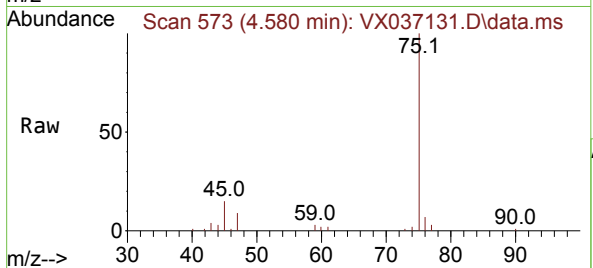
ClientSampleId :

Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.467 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.085 min

Lab File: VX037131.D

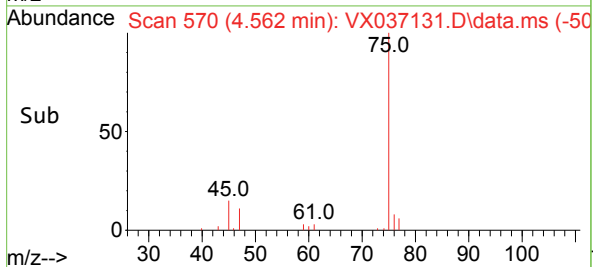
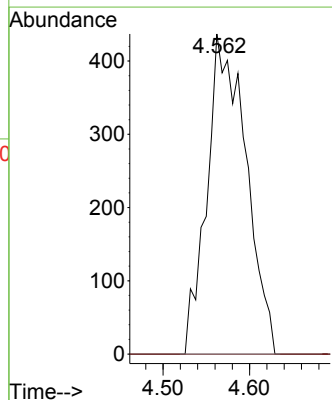
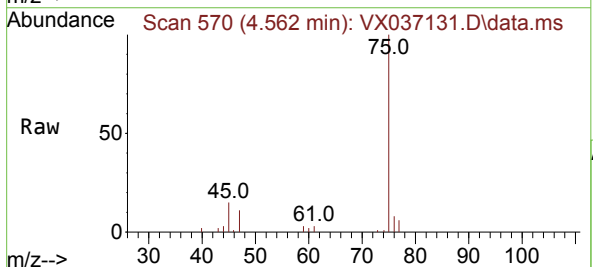
Acq: 21 Aug 2023 15:20

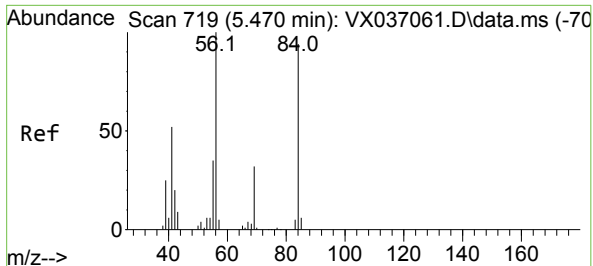
Tgt Ion: 77 Resp: 1364

Ion Ratio Lower Upper

77 100

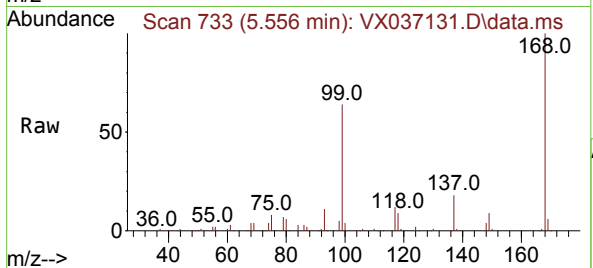
97 0.0 10.8 32.3#



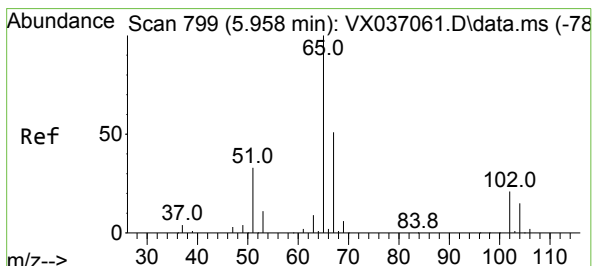
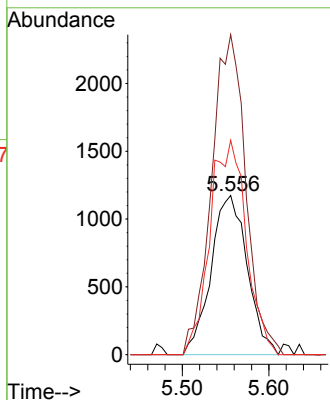
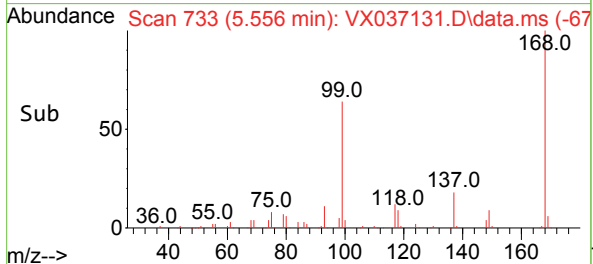


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :

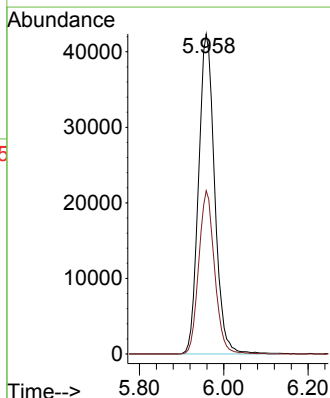
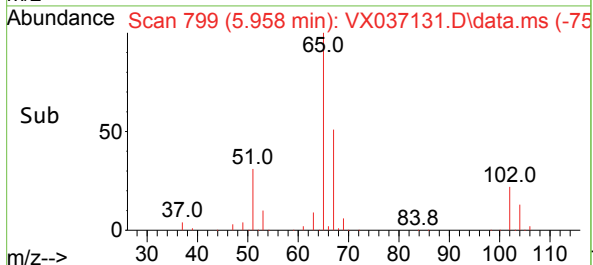
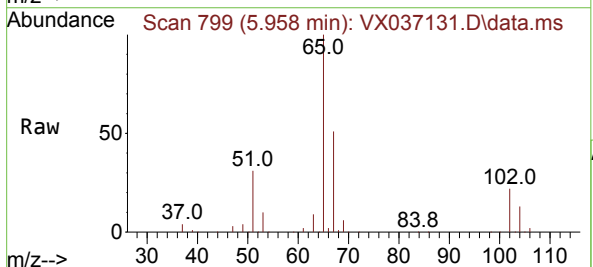


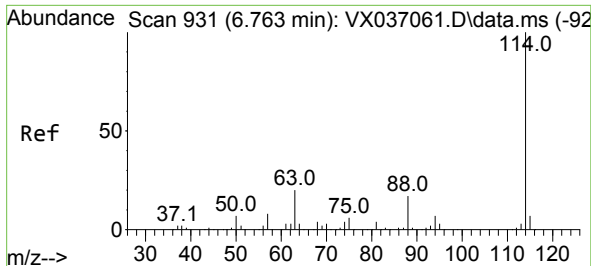
Tgt Ion: 56 Resp: 3412
Ion Ratio Lower Upper
56 100
69 201.0 23.4 35.2#
84 134.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.898 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Tgt Ion: 65 Resp: 112501
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

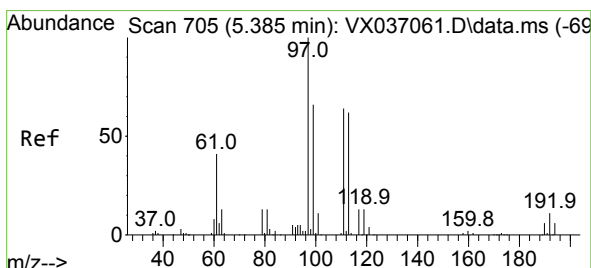
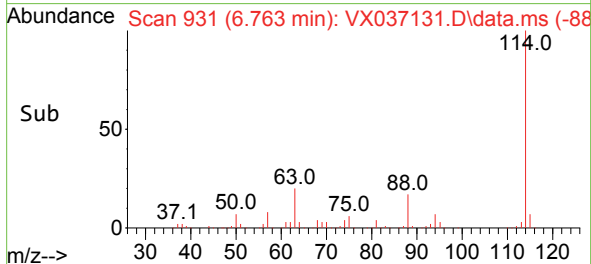
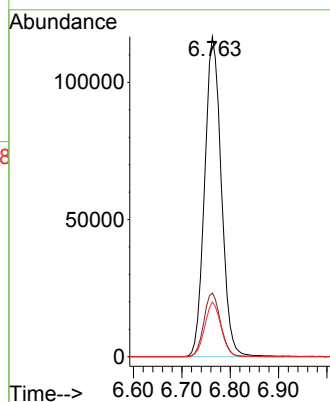
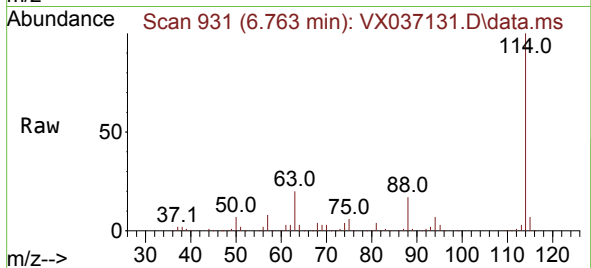




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

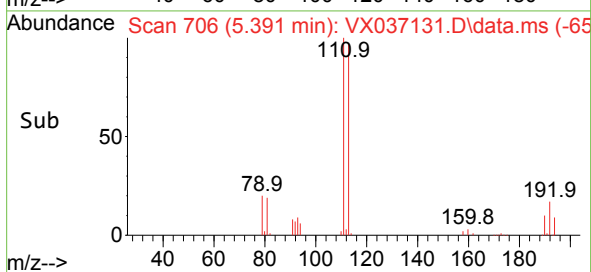
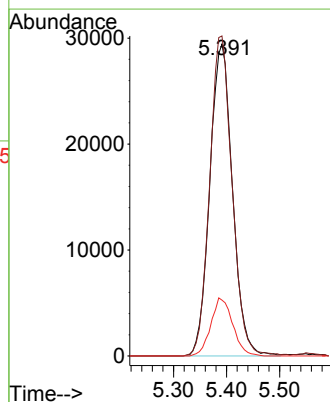
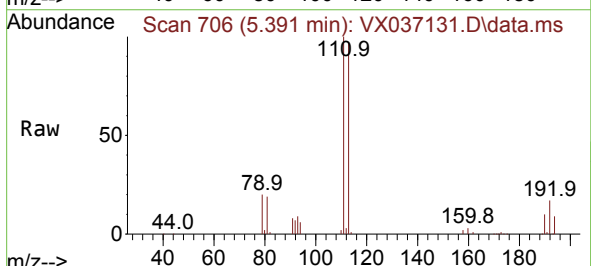
Instrument :
MSVOA_X
ClientSampleId :

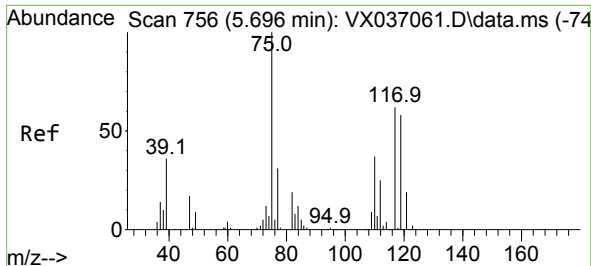
Tgt Ion:114 Resp: 279839
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.190 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

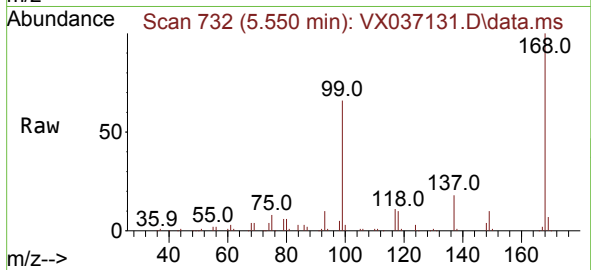
Tgt Ion:113 Resp: 87457
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 18.0 13.3 19.9



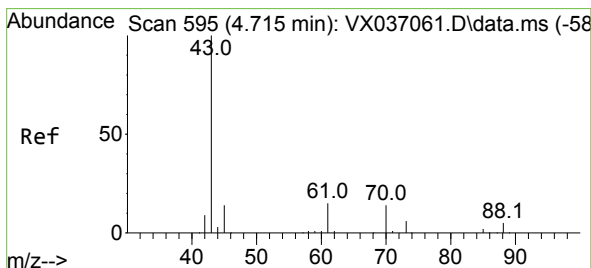
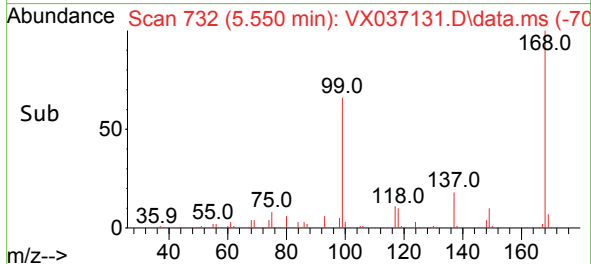
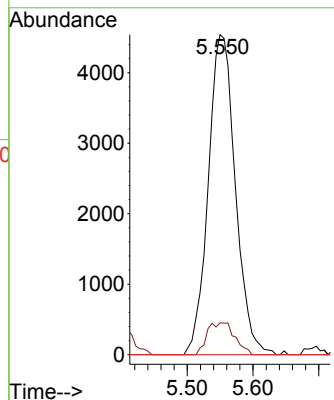


#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :

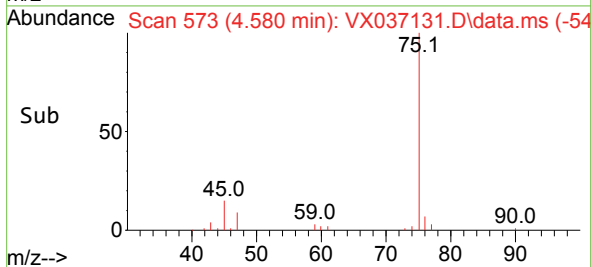
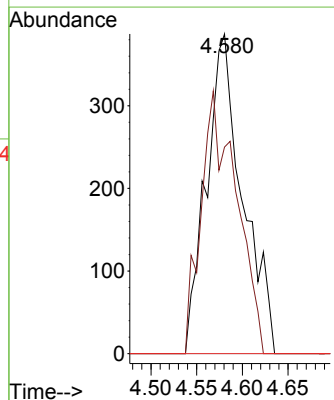
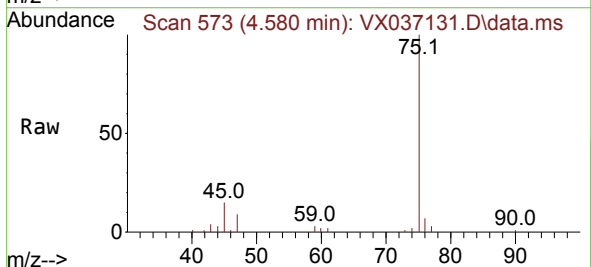


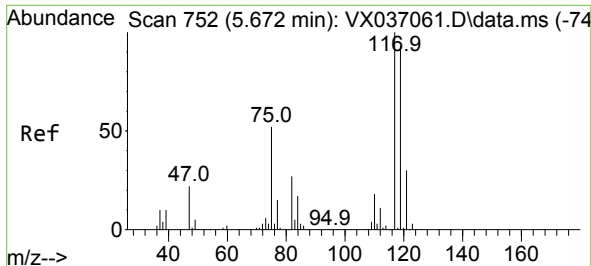
Tgt Ion: 75 Resp: 13022
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.398 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.134 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

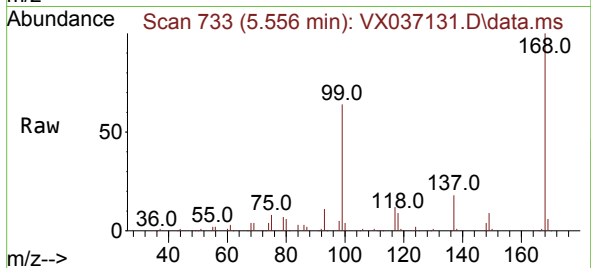
Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
61 80.4 10.6 16.0#
70 0.0 8.3 12.5#



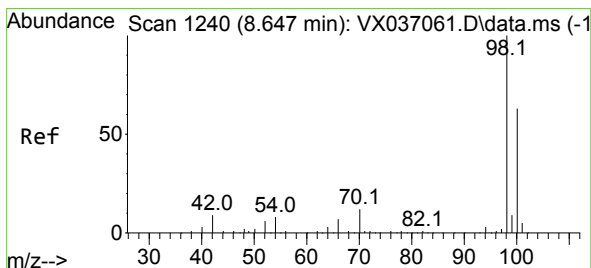
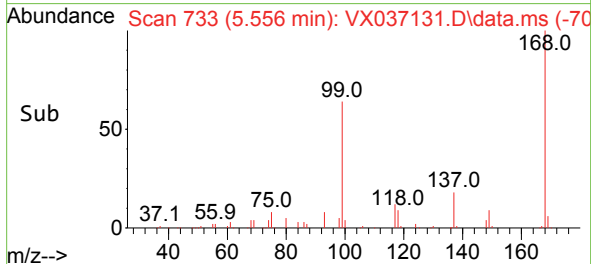
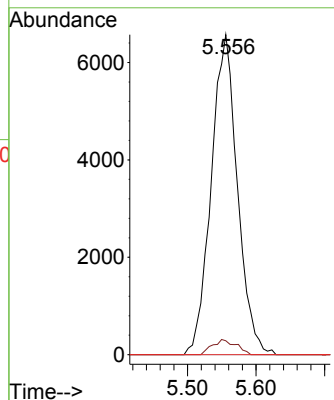


#38
Carbon Tetrachloride
Concen: 6.114 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :

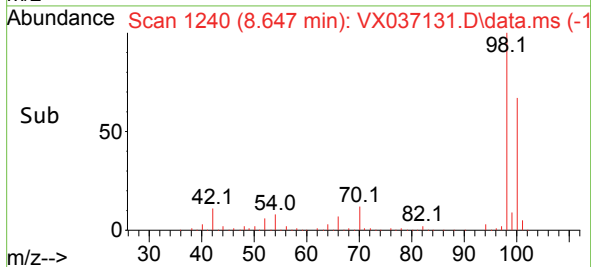
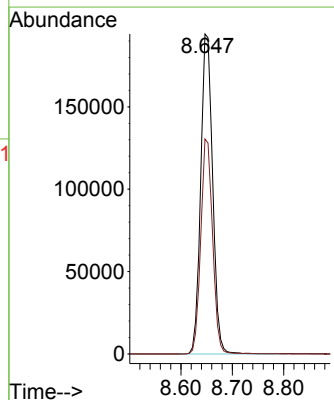
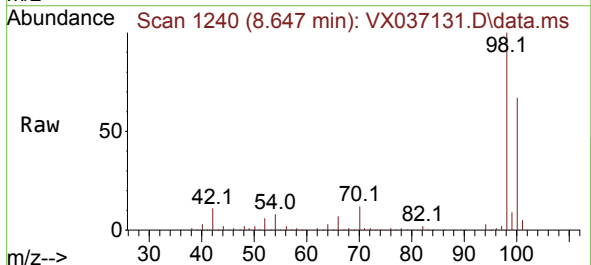


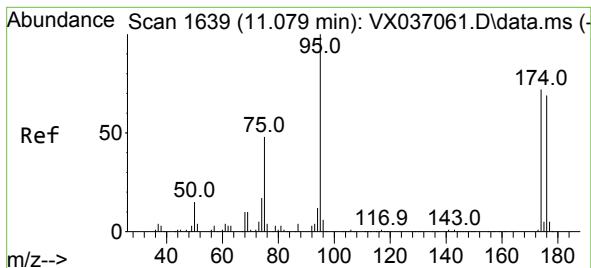
Tgt Ion:117 Resp: 17486
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.587 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Tgt Ion: 98 Resp: 313190
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

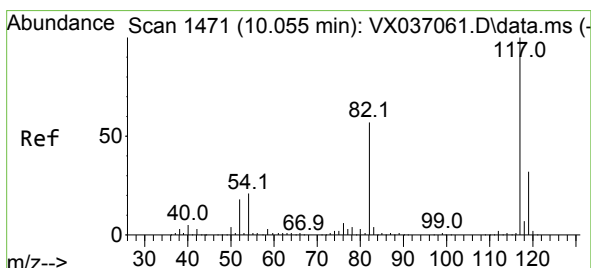
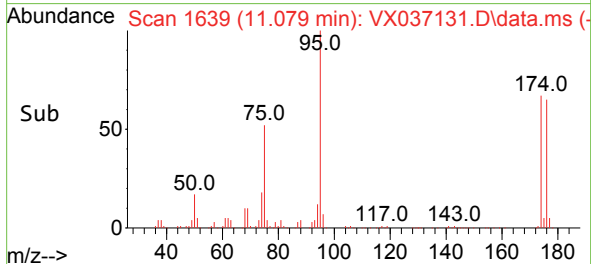
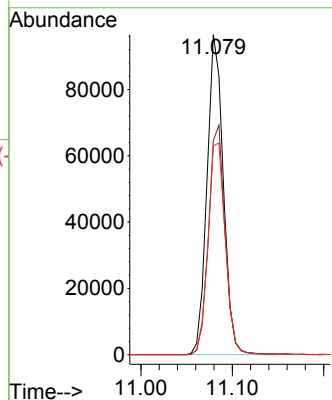
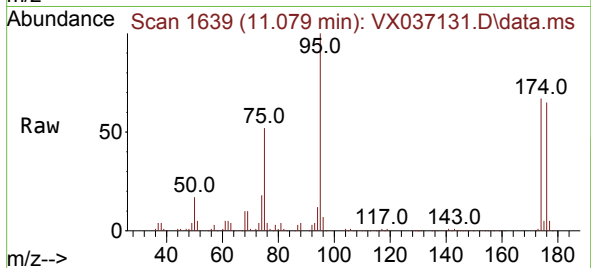




#62
4-Bromofluorobenzene
Concen: 45.237 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

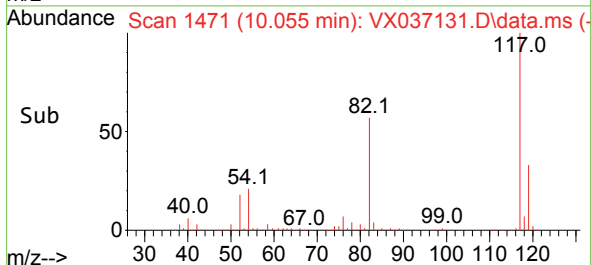
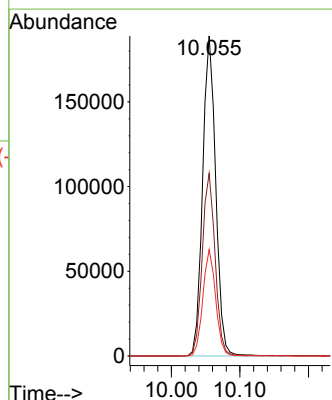
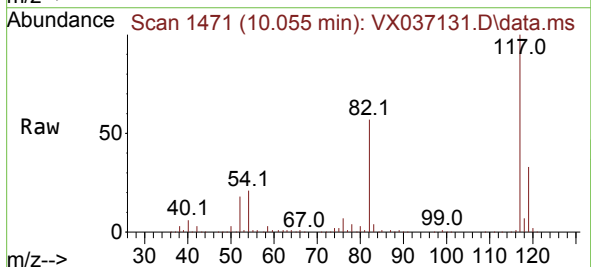
Instrument :
MSVOA_X
ClientSampleId :

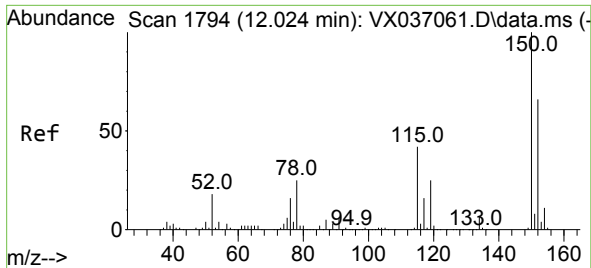
Tgt Ion: 95 Resp: 119513
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

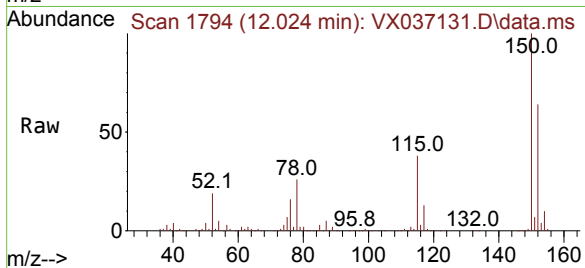
Tgt Ion: 117 Resp: 251239
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 33.2 25.5 38.3



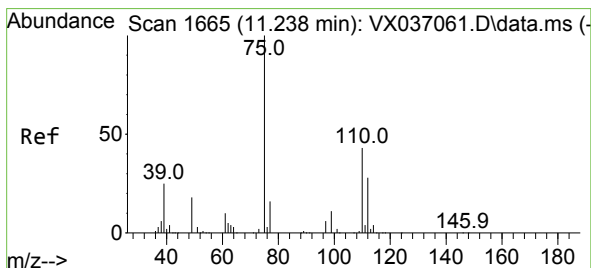
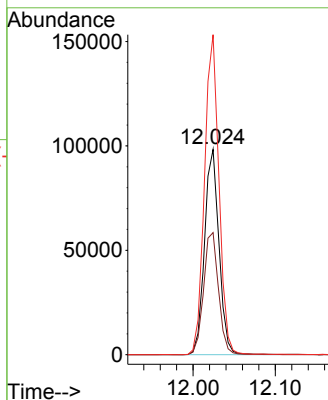
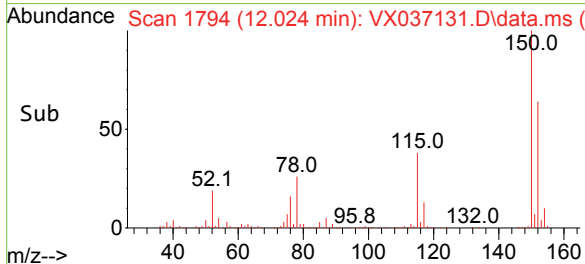


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037131.D
 Acq: 21 Aug 2023 15:20

Instrument :
 MSVOA_X
 ClientSampleId :

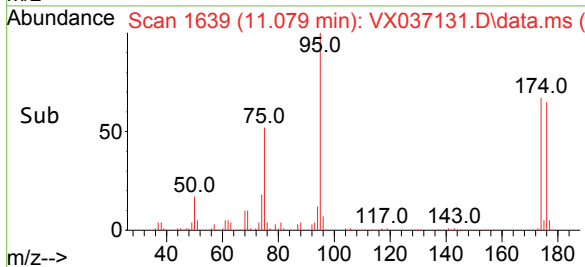
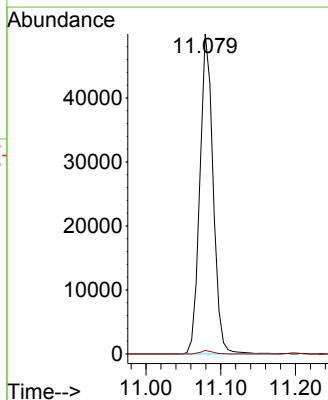
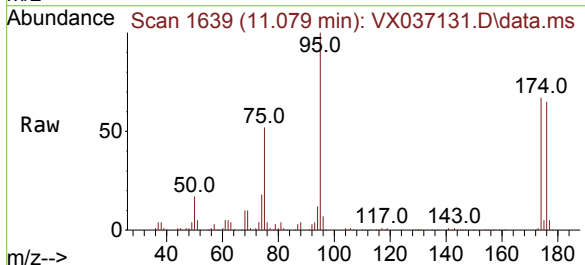


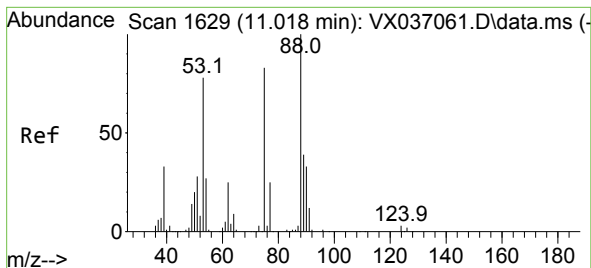
Tgt Ion:152 Resp: 120158
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.114 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037131.D
 Acq: 21 Aug 2023 15:20

Tgt Ion: 75 Resp: 61708
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

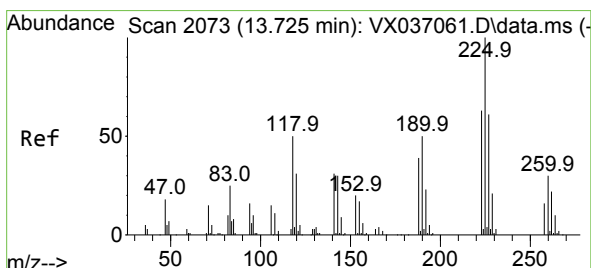
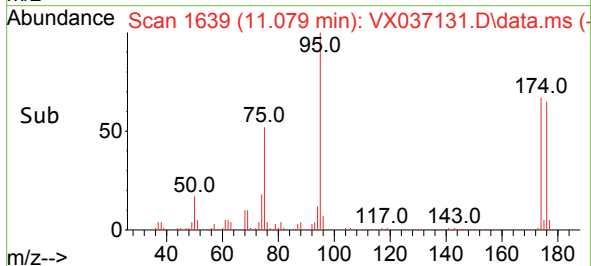
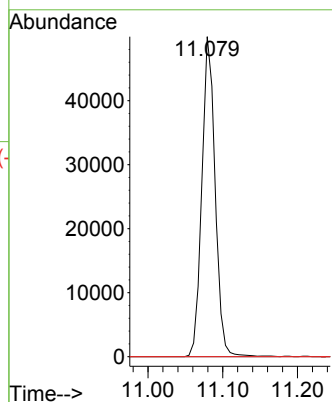
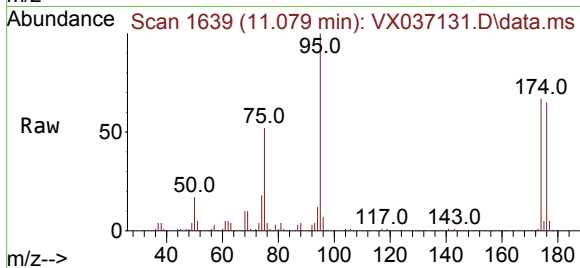




#81
trans-1,4-Dichloro-2-butene
Concen: 67.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61708
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.342 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Tgt Ion: 225 Resp: 302
Ion Ratio Lower Upper
225 100
223 17.9 31.1 93.2#
227 43.4 32.5 97.5

