

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037415.D
 Acq On : 31 Aug 2023 08:39
 Operator : JC/MD
 Sample : 04128-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 09:24:34 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)

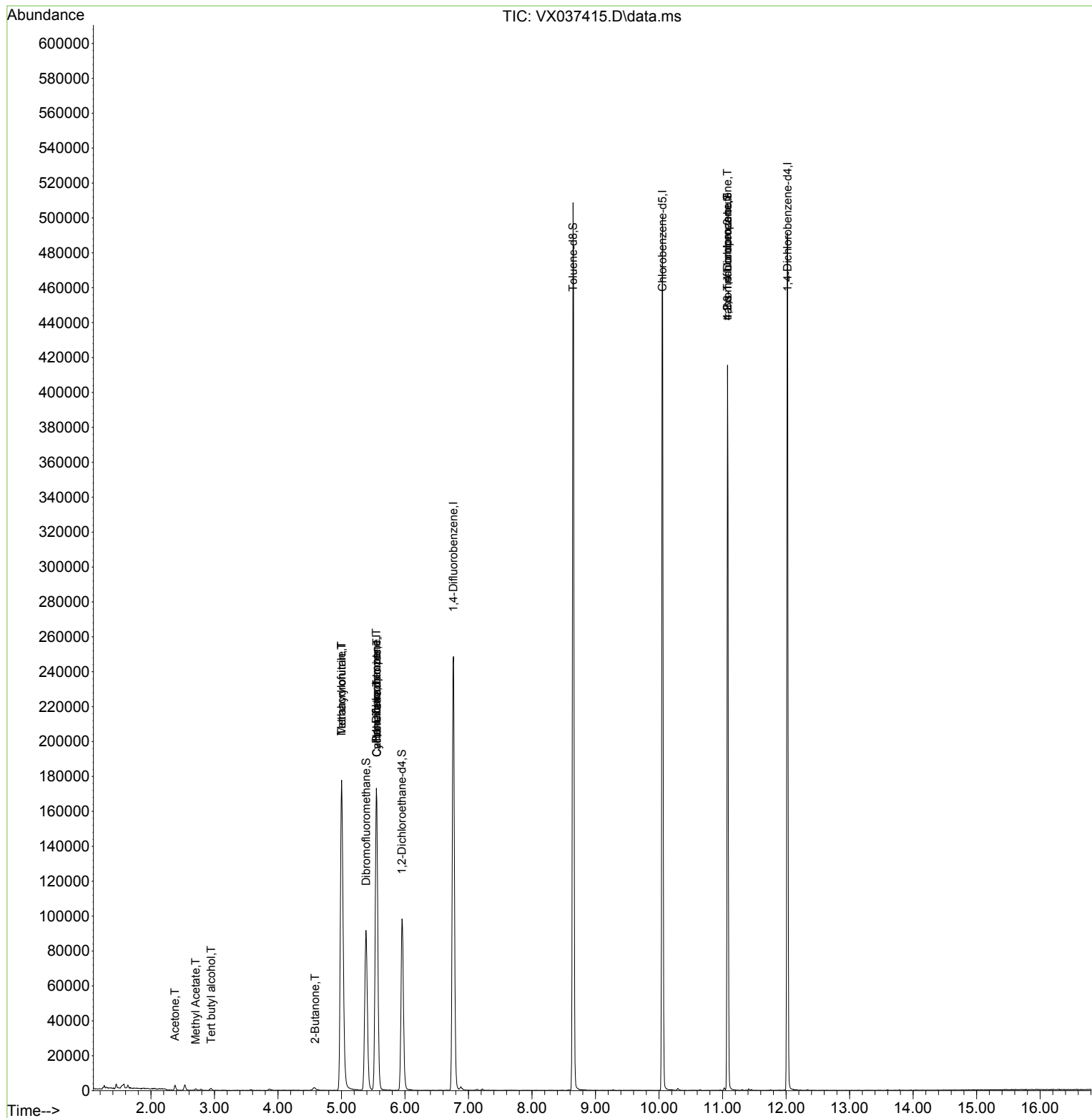
Internal Standards						
1) Pentafluorobenzene	5.550	168	163088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	267245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98143	41.742	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.480%
35) Dibromofluoromethane	5.385	113	81729	46.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
50) Toluene-d8	8.647	98	311023	48.445	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	113154	44.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	883	1.601	ug/l #	78
16) Acetone	2.380	43	3050	3.316	ug/l #	87
18) Methyl Acetate	2.703	43	1013	0.292	ug/l	99
25) 2-Butanone	4.586	43	297	0.214	ug/l #	51
29) Tetrahydrofuran	5.001	42	161199	182.510	ug/l #	84
31) Cyclohexane	5.556	56	3014	1.140	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12473	4.960	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17248	6.314	ug/l #	15
41) Methacrylonitrile	5.001	41	90429	67.722	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	55494	24.210	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55494	67.619	ug/l #	5

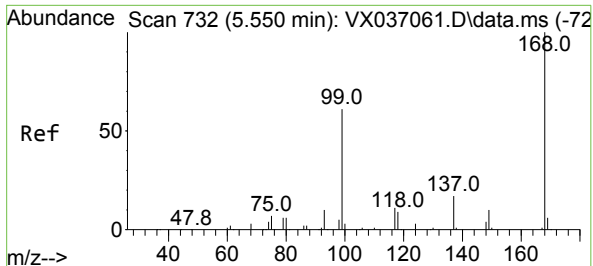
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
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MSVOA_X
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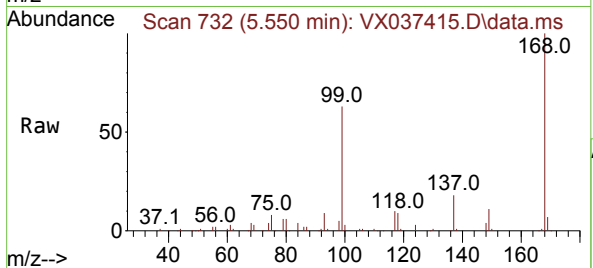
Quant Time: Aug 31 09:24:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



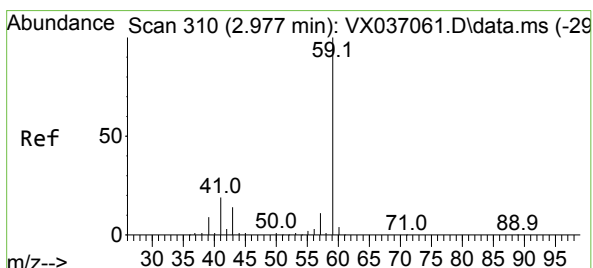
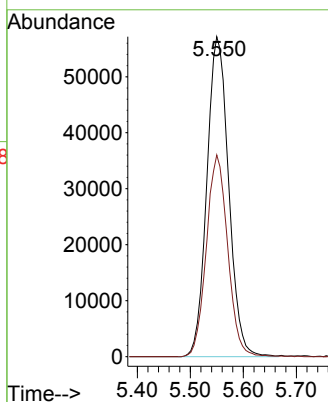
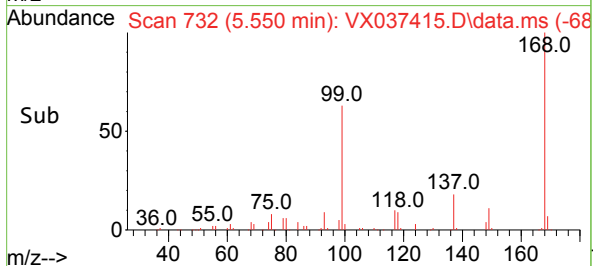


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Instrument :
MSVOA_X
ClientSampleId :

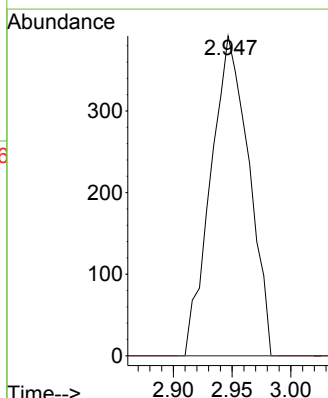
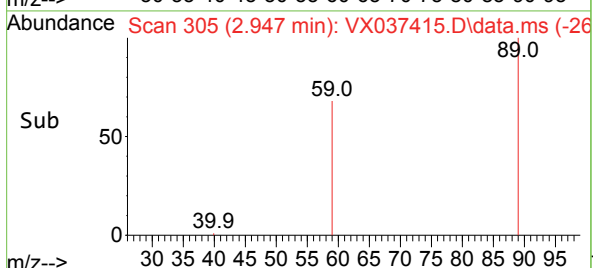
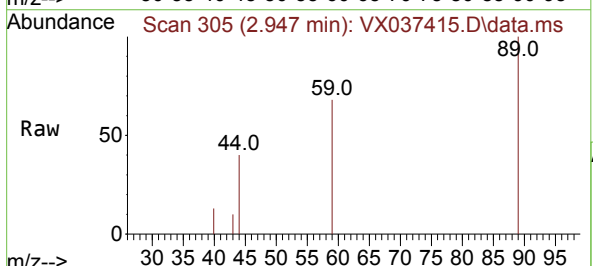


Tgt Ion:168 Resp: 163088
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.601 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

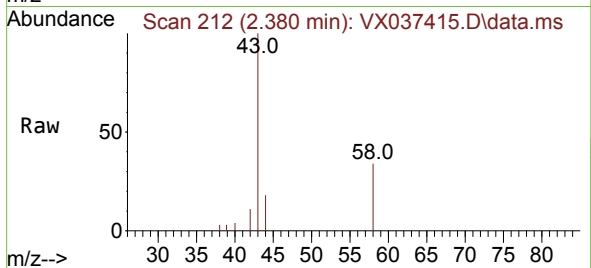
Tgt Ion: 59 Resp: 883
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



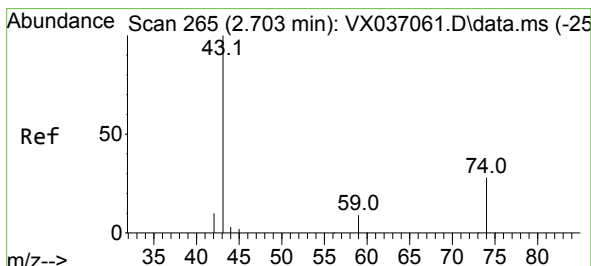
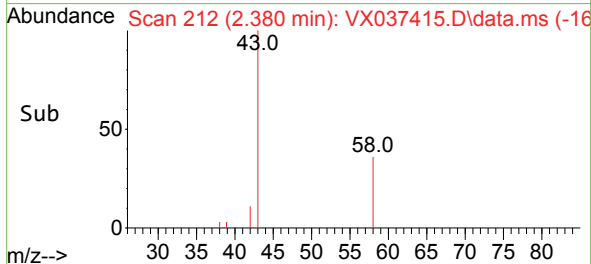
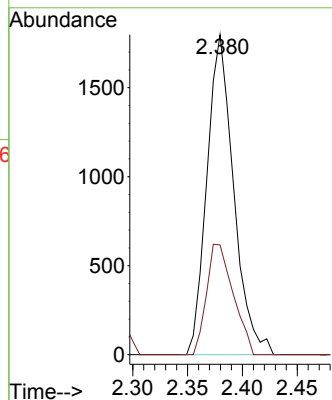


#16
Acetone
Concen: 3.316 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Instrument :
MSVOA_X
ClientSampleId :

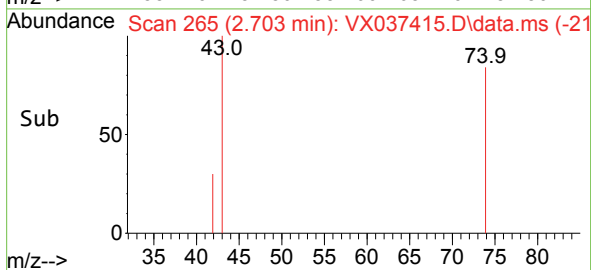
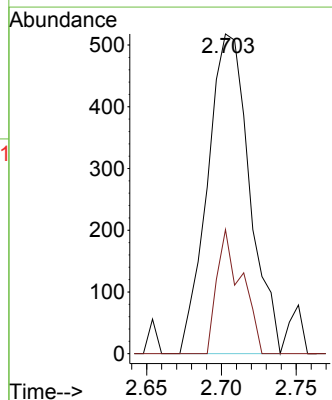
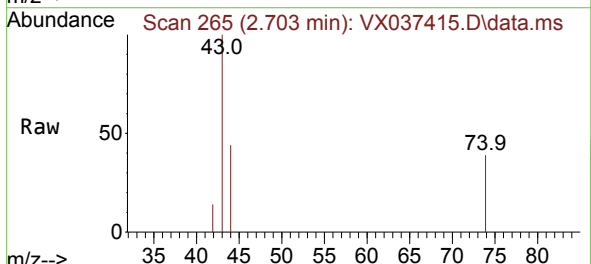


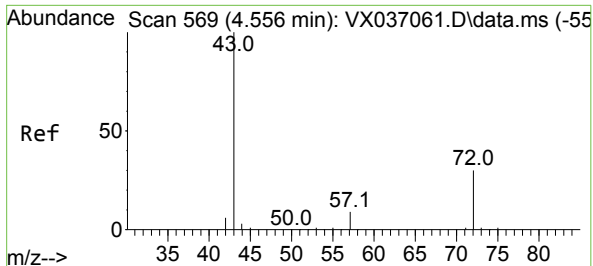
Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#



#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8

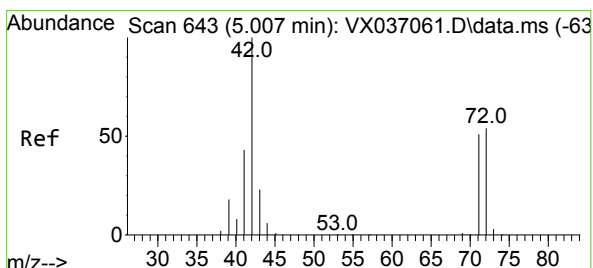
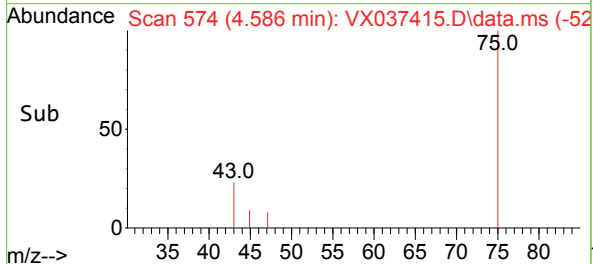
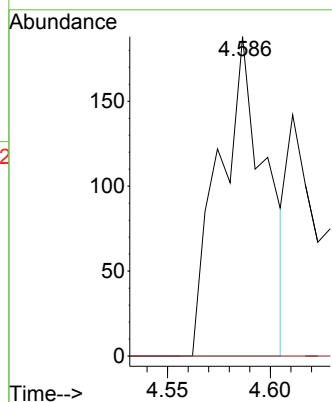
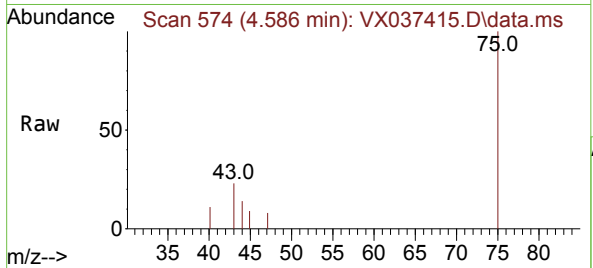




#25
2-Butanone
Concen: 0.214 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

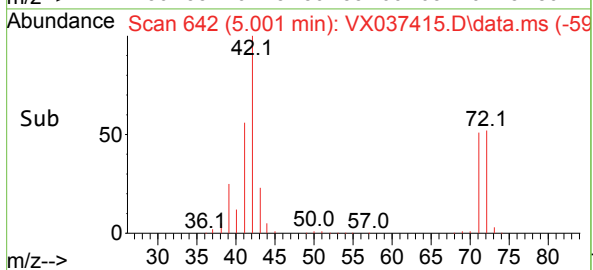
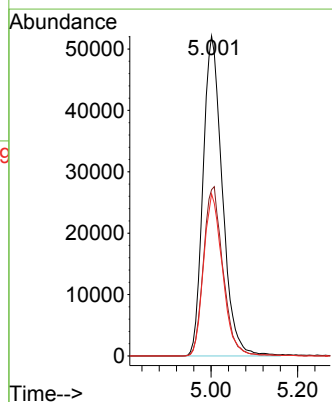
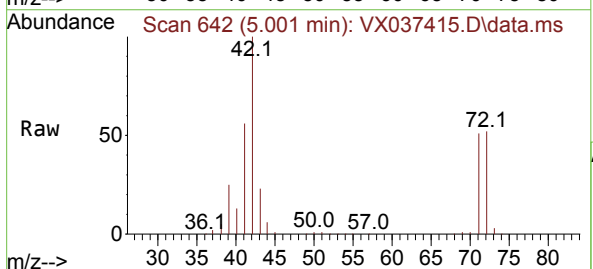
Instrument :
MSVOA_X
ClientSampleId :

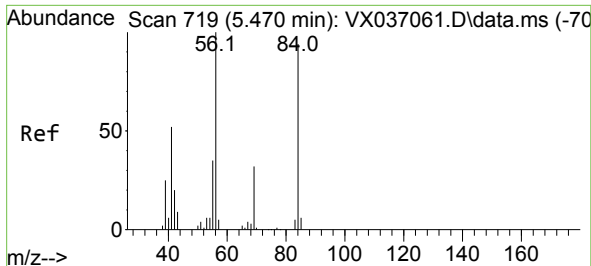
Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 182.510 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

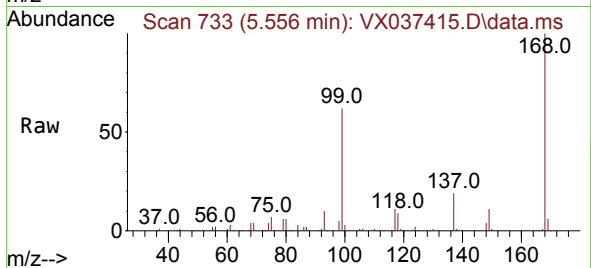
Tgt Ion: 42 Resp: 161199
Ion Ratio Lower Upper
42 100
72 53.1 34.2 51.4#
71 50.1 32.2 48.2#



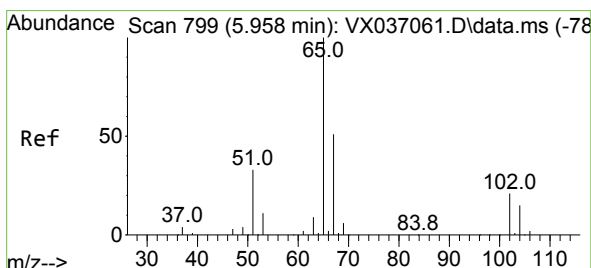
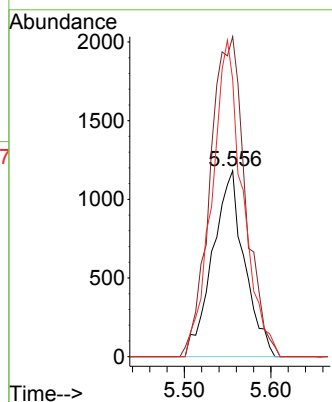
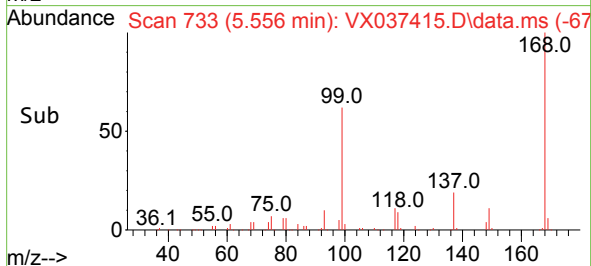


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Instrument :
MSVOA_X
ClientSampleId :

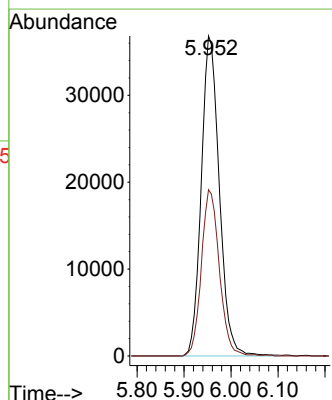
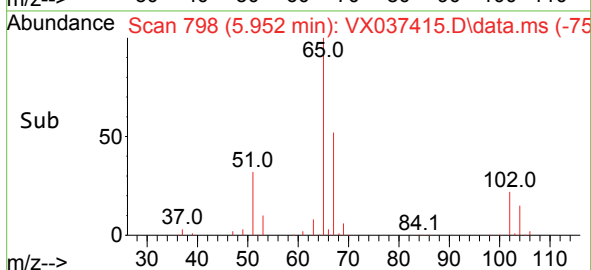
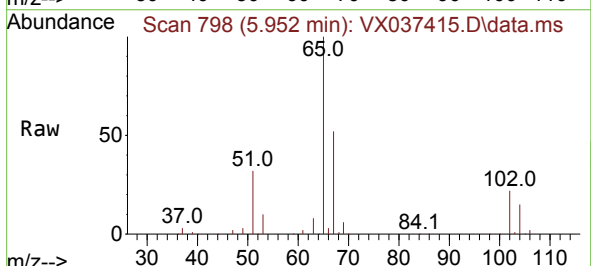


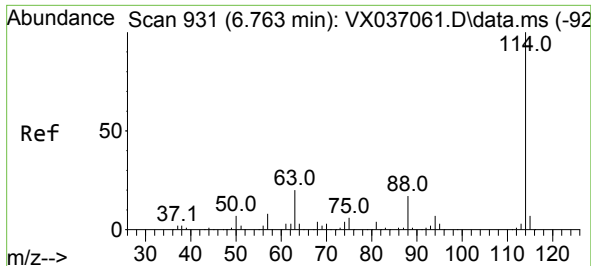
Tgt Ion: 56 Resp: 3014
Ion Ratio Lower Upper
56 100
69 172.1 23.4 35.2#
84 149.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.742 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Tgt Ion: 65 Resp: 98143
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

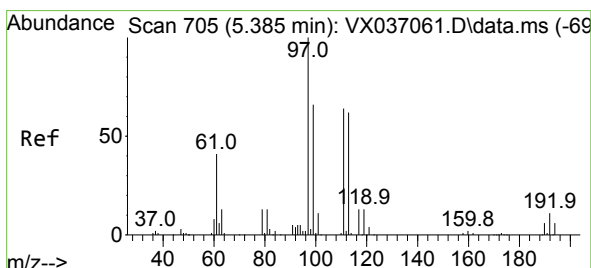
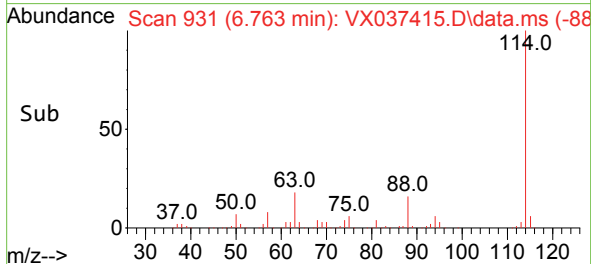
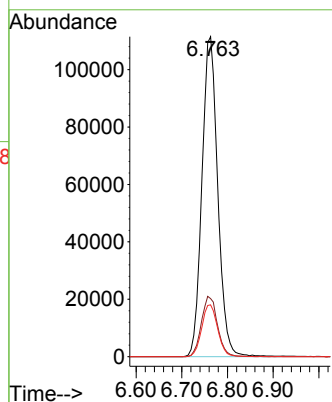
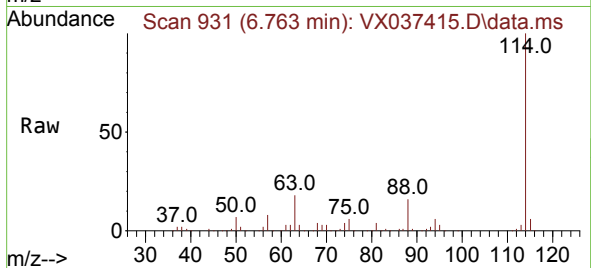




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

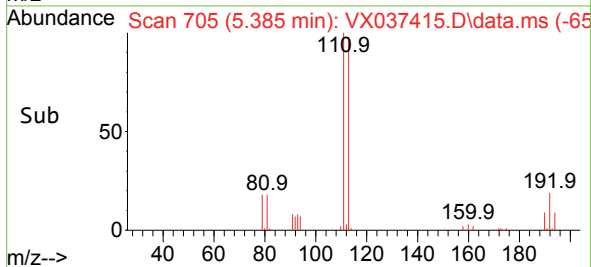
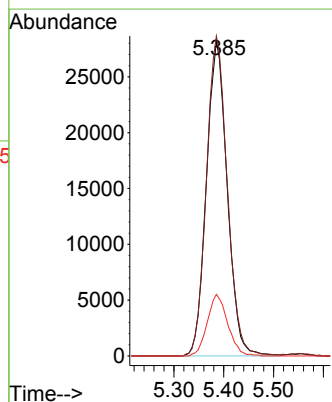
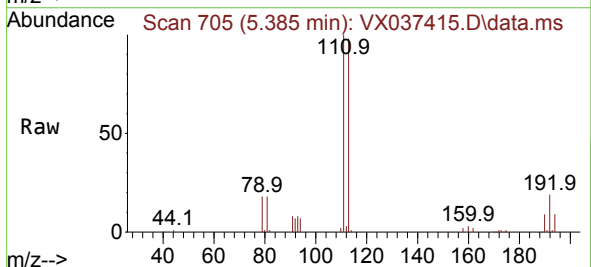
Instrument :
MSVOA_X
ClientSampleId :

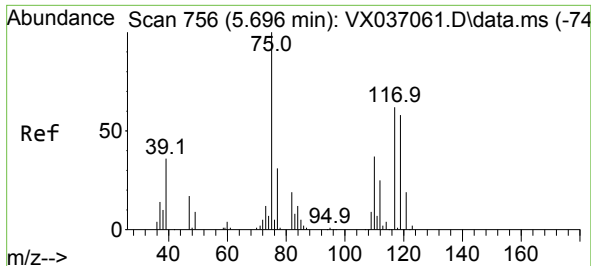
Tgt Ion:114 Resp: 267245
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.177 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

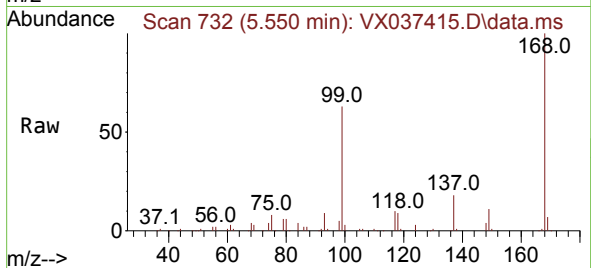
Tgt Ion:113 Resp: 81729
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.2 13.3 19.9



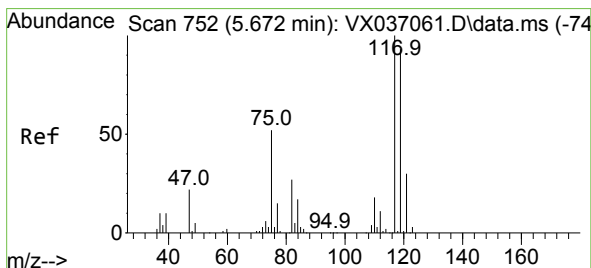
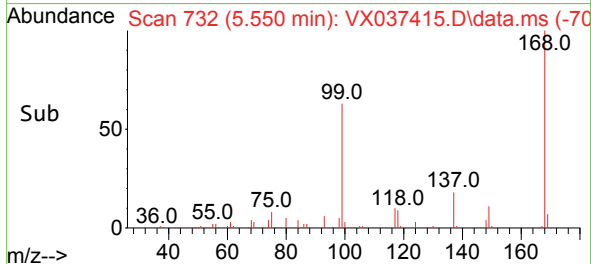
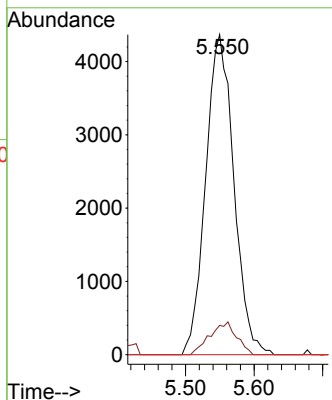


#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Instrument :
MSVOA_X
ClientSampleId :

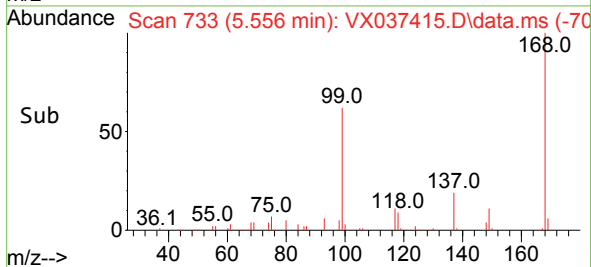
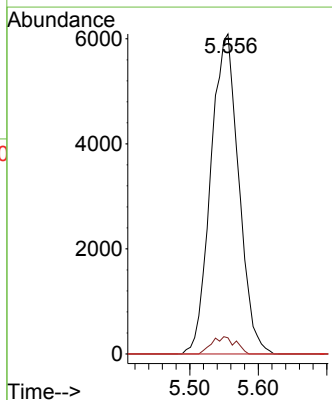
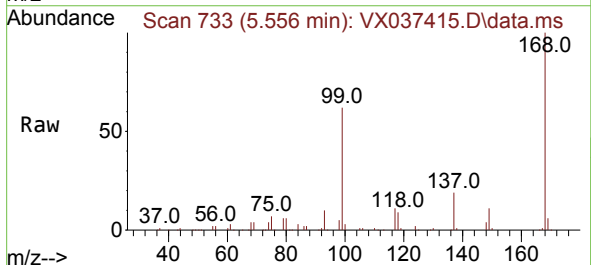


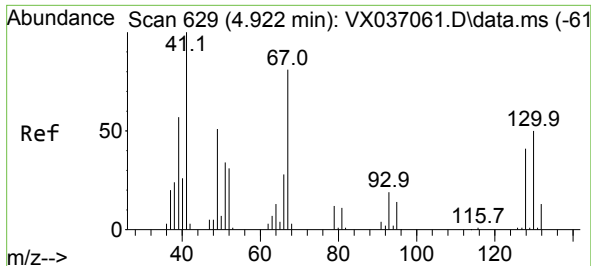
Tgt Ion: 75 Resp: 12473
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.314 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

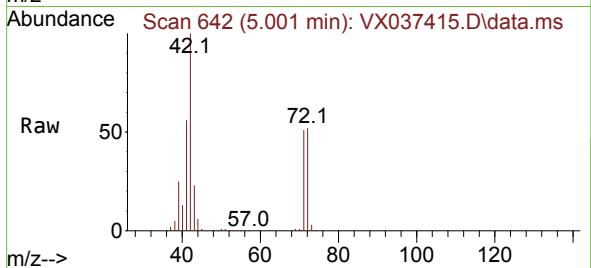
Tgt Ion: 117 Resp: 17248
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



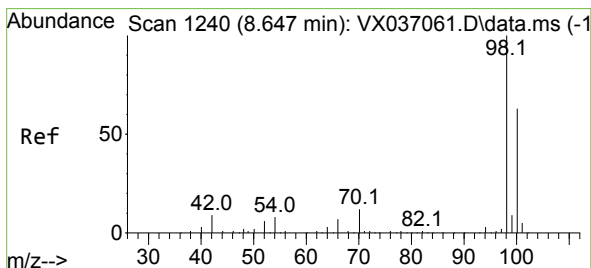
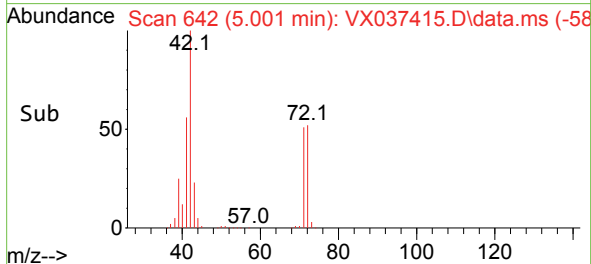
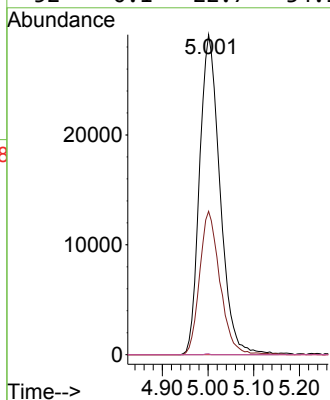


#41
Methacrylonitrile
Concen: 67.722 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.079 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Instrument :
MSVOA_X
ClientSampleId :

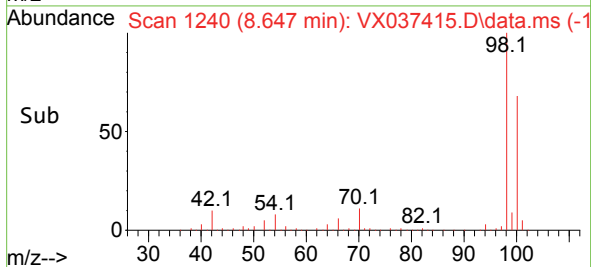
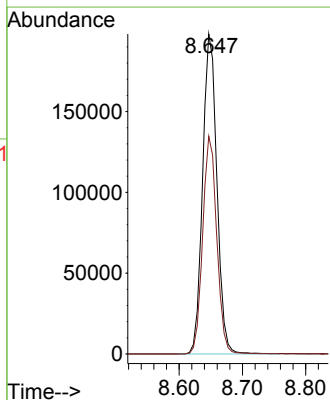
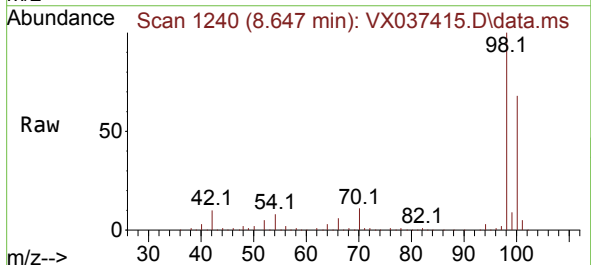


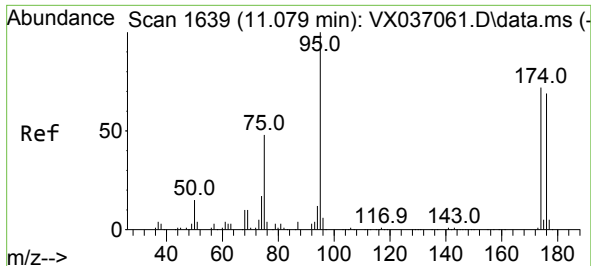
Tgt Ion: 41 Resp: 90429
Ion Ratio Lower Upper
41 100
39 44.6 45.2 67.8#
67 0.0 52.6 78.8#
52 0.1 22.7 34.1#



#50
Toluene-d8
Concen: 48.445 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Tgt Ion: 98 Resp: 311023
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

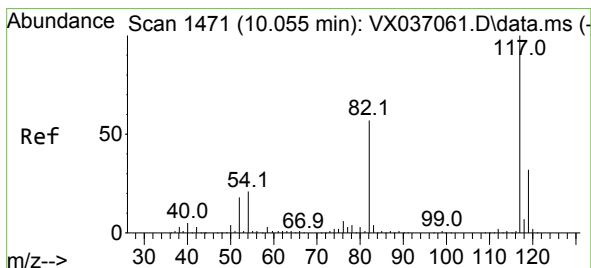
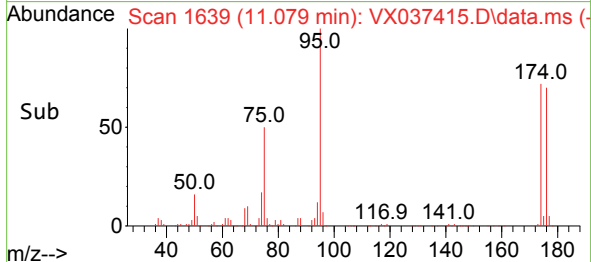
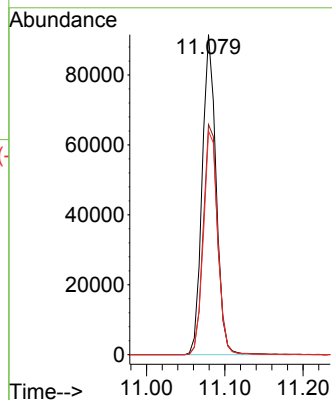
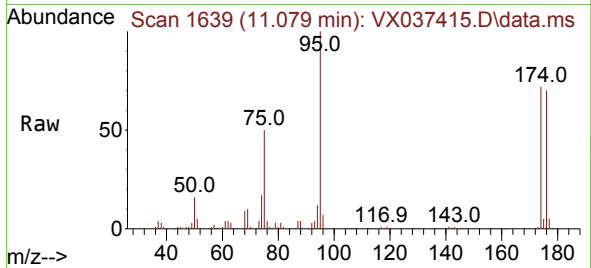




#62
4-Bromofluorobenzene
Concen: 44.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

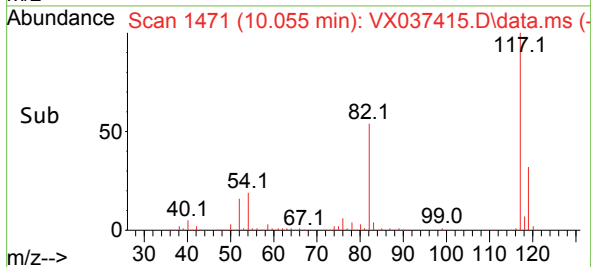
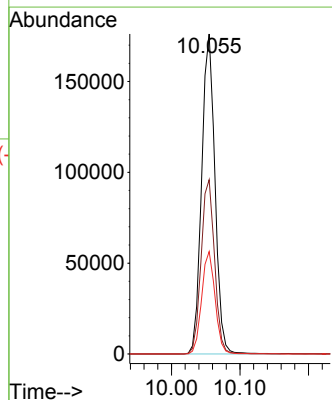
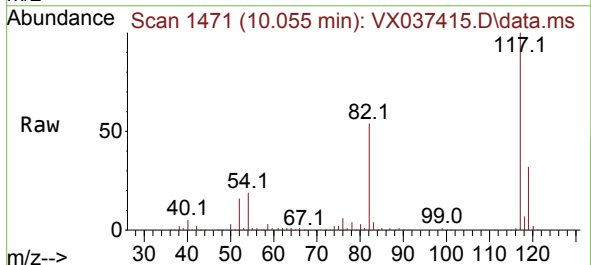
Instrument :
MSVOA_X
ClientSampleId :

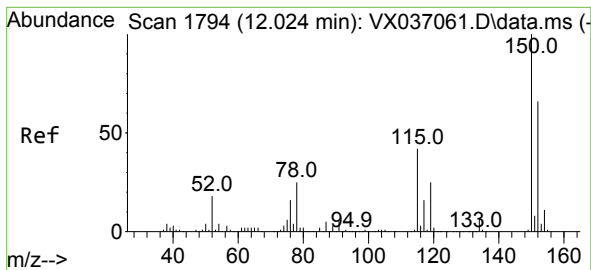
Tgt Ion: 95 Resp: 113154
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037415.D
Acq: 31 Aug 2023 08:39

Tgt Ion: 117 Resp: 238799
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037415.D

Acq: 31 Aug 2023 08:39

Instrument :

MSVOA_X

ClientSampleId :

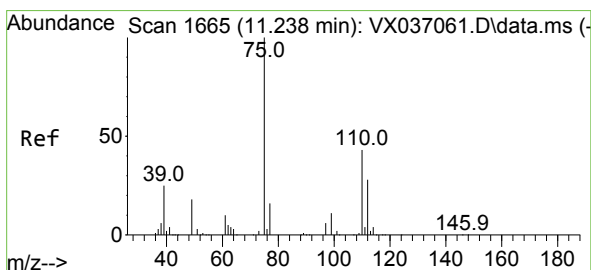
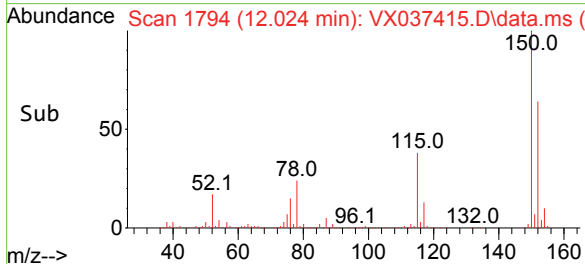
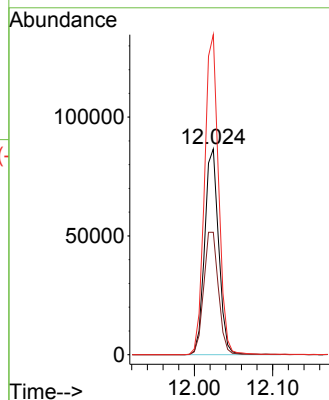
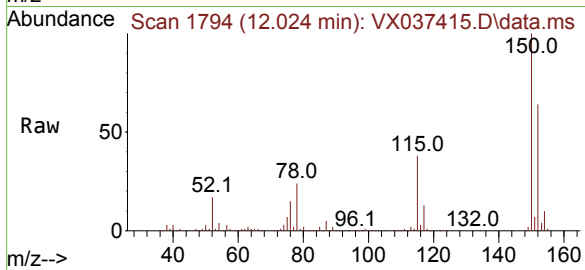
Tgt Ion:152 Resp: 107632

Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.210 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037415.D

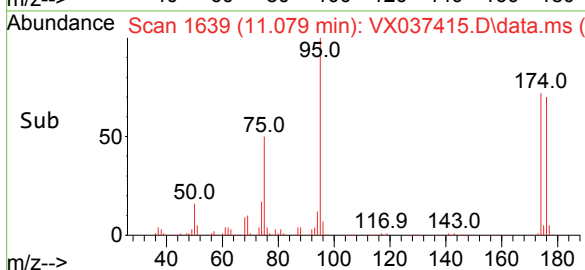
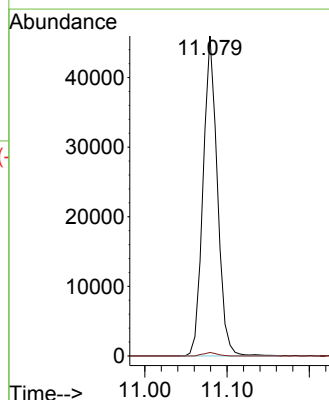
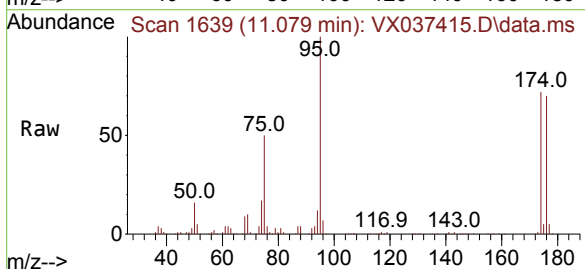
Acq: 31 Aug 2023 08:39

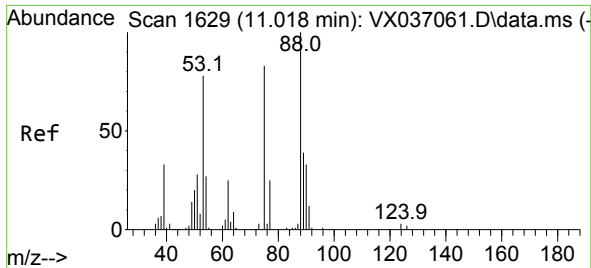
Tgt Ion: 75 Resp: 55494

Ion Ratio Lower Upper

75 100

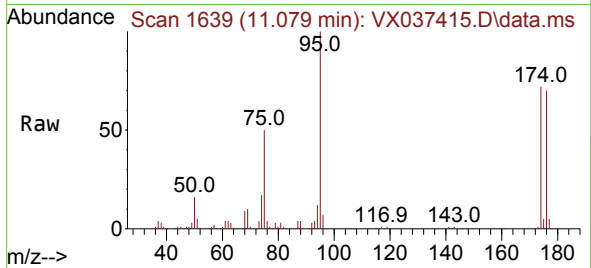
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.619 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX037415.D
 Acq: 31 Aug 2023 08:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55494
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

