

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037414.D
 Acq On : 31 Aug 2023 08:15
 Operator : JC/MD
 Sample : 04128-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

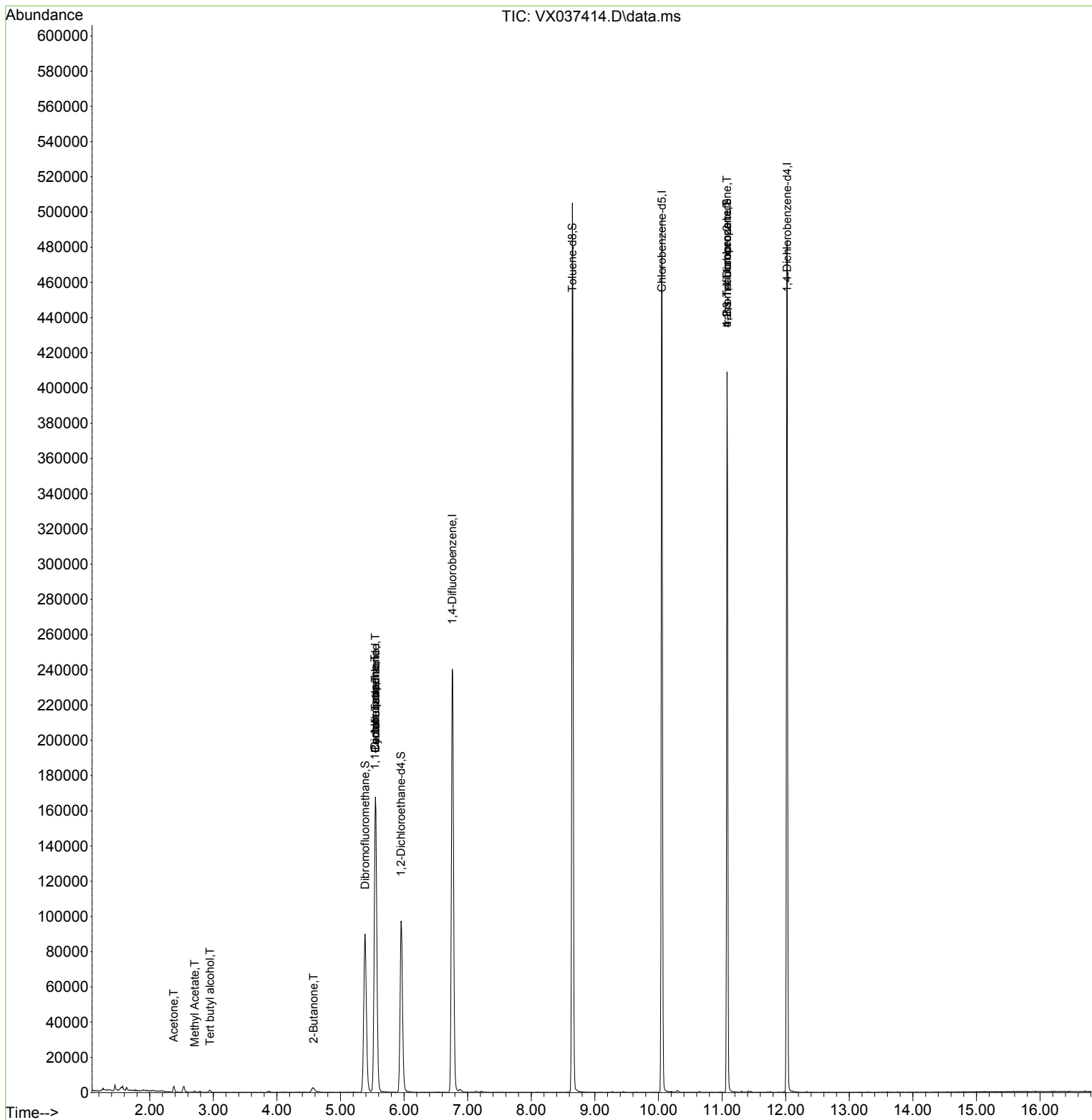
Quant Time: Aug 31 09:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

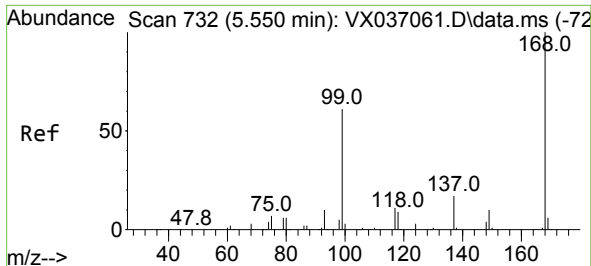
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	157981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	260365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95944	42.125	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.260%
35) Dibromofluoromethane	5.385	113	79485	46.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.647	98	304684	48.712	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	112161	45.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	801	1.499	ug/l #	78
16) Acetone	2.380	43	3563	3.999	ug/l	91
18) Methyl Acetate	2.709	43	909	0.271	ug/l	92
25) 2-Butanone	4.574	43	2093	1.560	ug/l	99
31) Cyclohexane	5.550	56	3062	1.196	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12060	4.923	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16810	6.317	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	55428	24.776	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55428	69.200	ug/l #	5

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

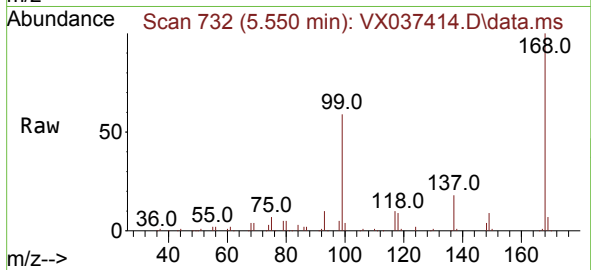
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



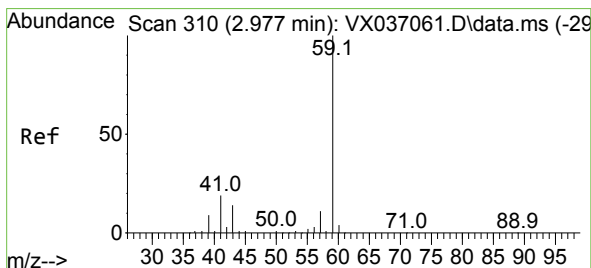
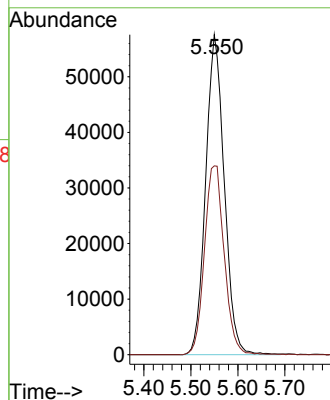
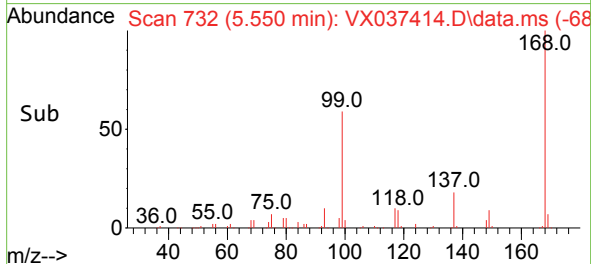


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

Instrument :
MSVOA_X
ClientSampleId :

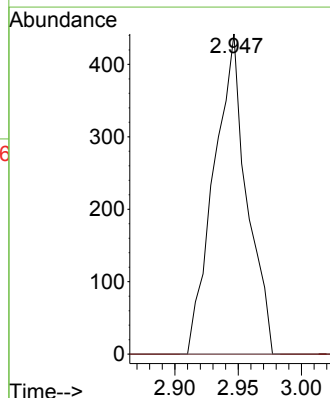
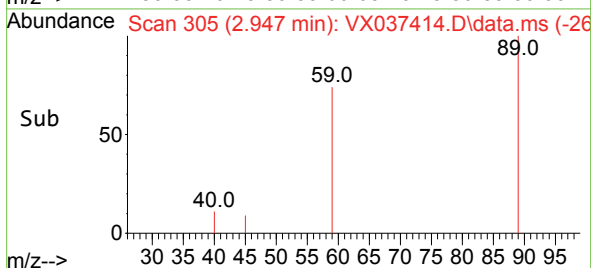
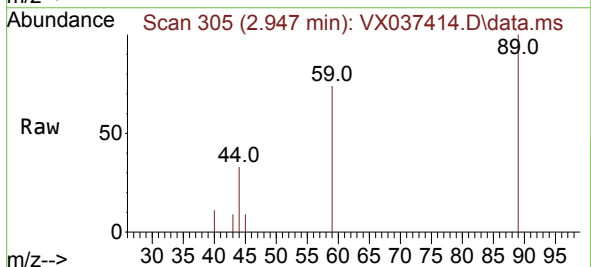


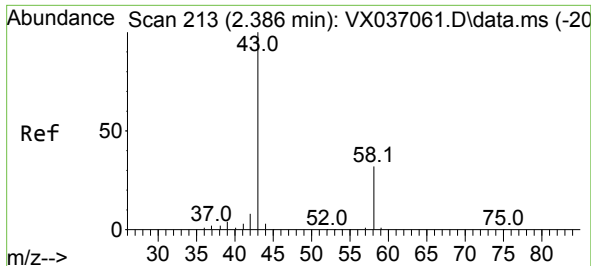
Tgt Ion:168 Resp: 157981
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.499 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

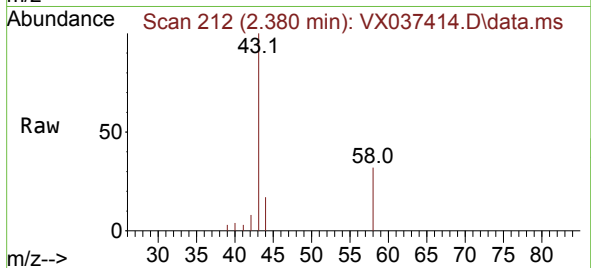
Tgt Ion: 59 Resp: 801
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



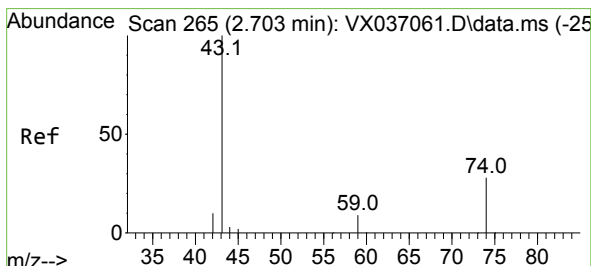
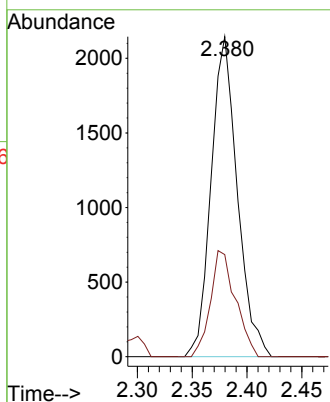
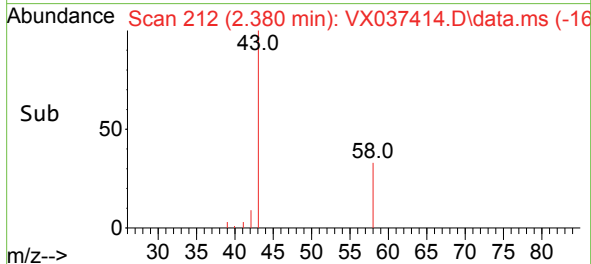


#16
Acetone
Concen: 3.999 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

Instrument :
MSVOA_X
ClientSampleId :

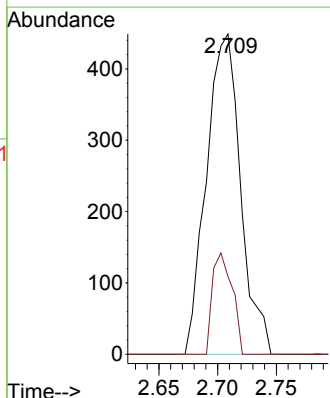
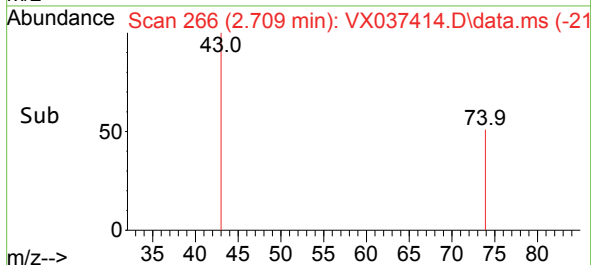
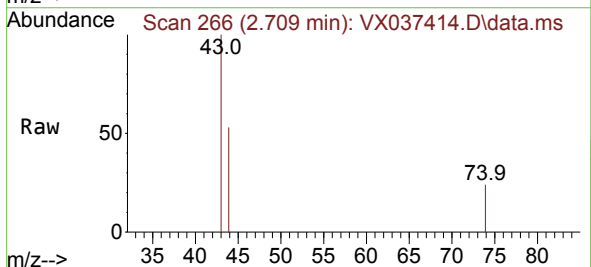


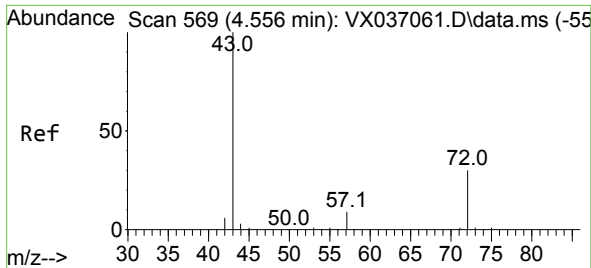
Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9



#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
74 18.3 17.8 26.8

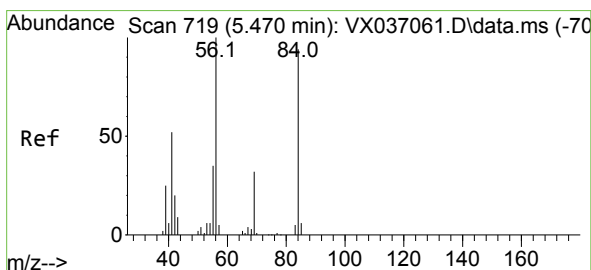
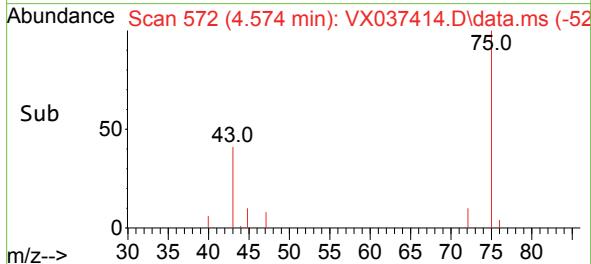
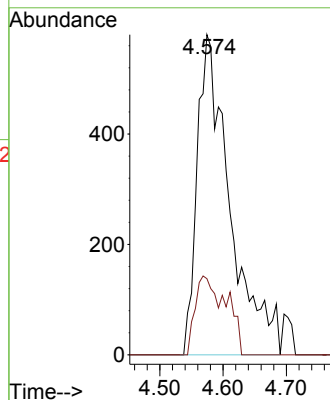
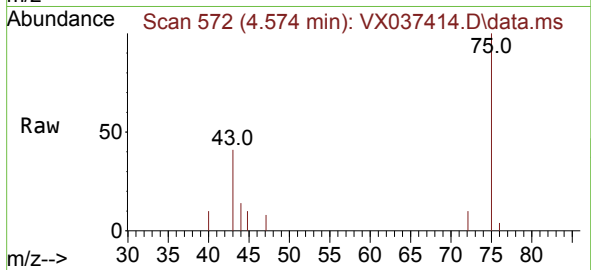




#25
2-Butanone
Concen: 1.560 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

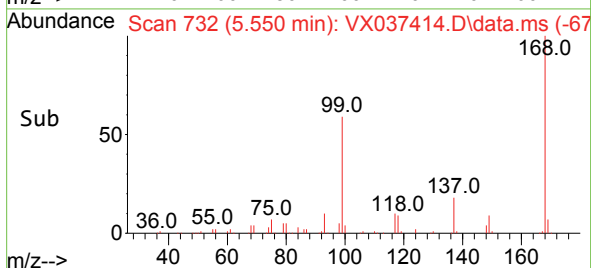
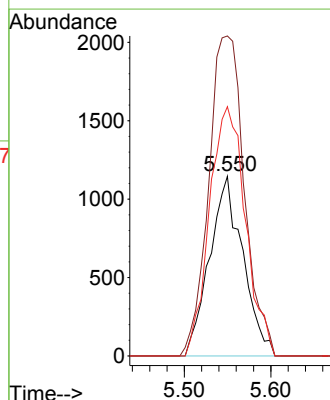
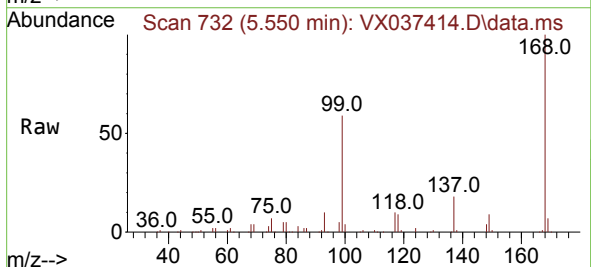
Instrument :
MSVOA_X
ClientSampleId :

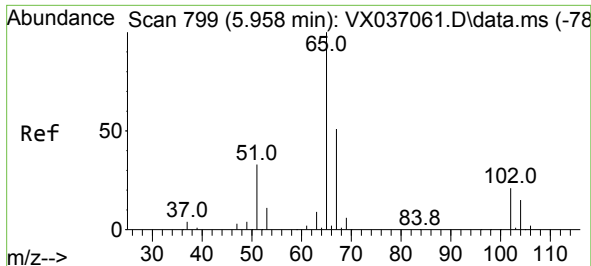
Tgt Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
72 23.8 19.4 29.2



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

Tgt Ion: 56 Resp: 3062
Ion Ratio Lower Upper
56 100
69 178.1 23.4 35.2#
84 138.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.125 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037414.D

Acq: 31 Aug 2023 08:15

Instrument :

MSVOA_X

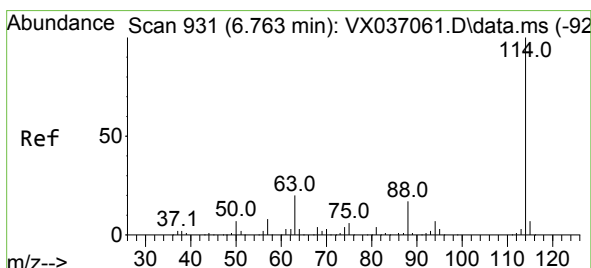
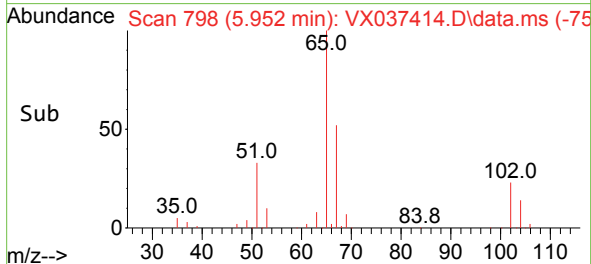
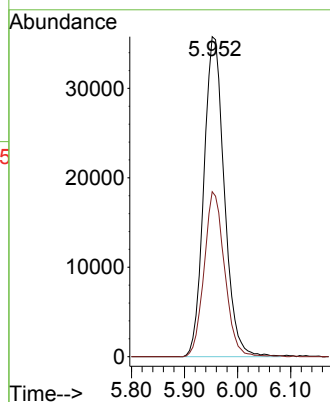
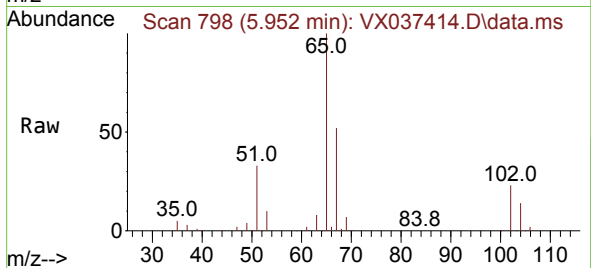
ClientSampleId :

Tgt Ion: 65 Resp: 95944

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037414.D

Acq: 31 Aug 2023 08:15

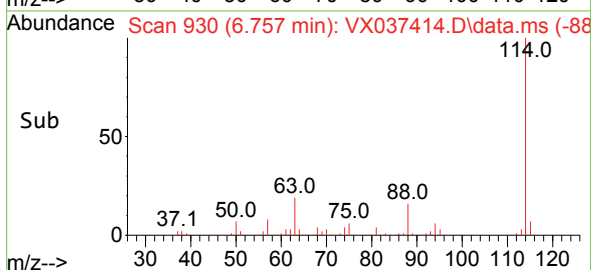
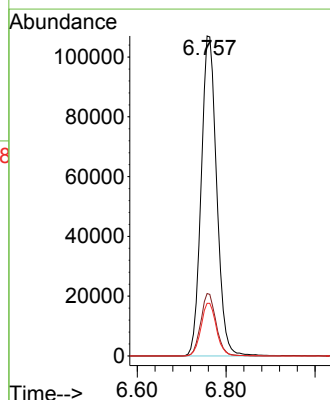
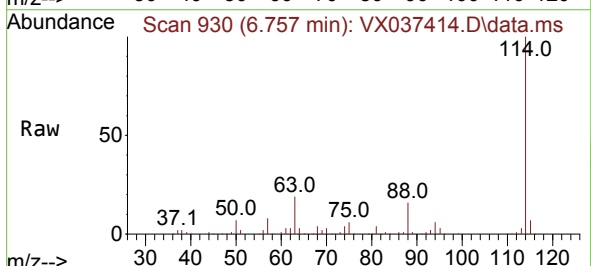
Tgt Ion:114 Resp: 260365

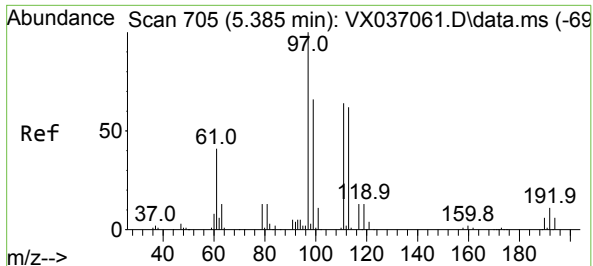
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

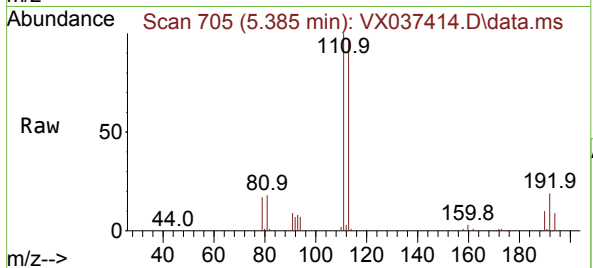
88 16.4 0.0 36.6



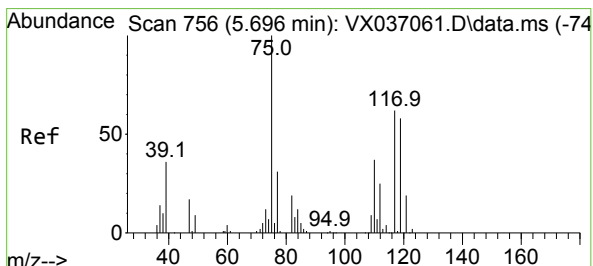
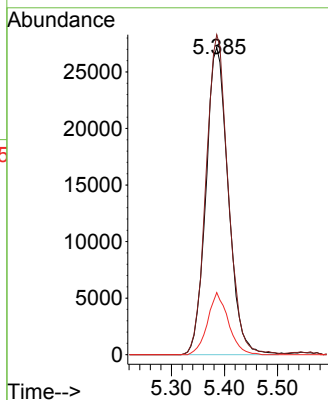
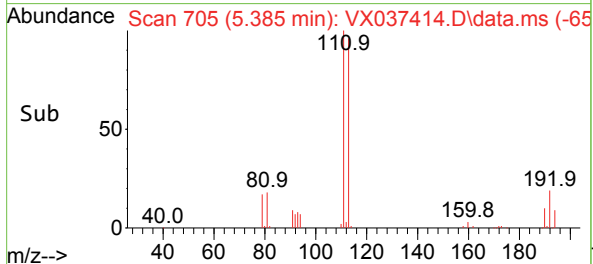


#35
 Dibromofluoromethane
 Concen: 46.096 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037414.D
 Acq: 31 Aug 2023 08:15

Instrument :
 MSVOA_X
 ClientSampleId :

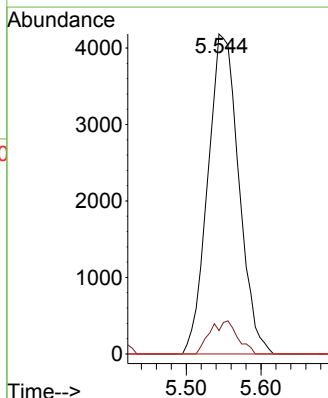
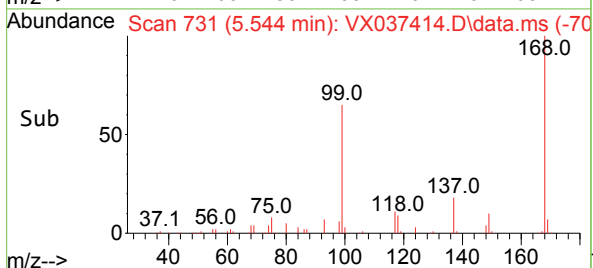
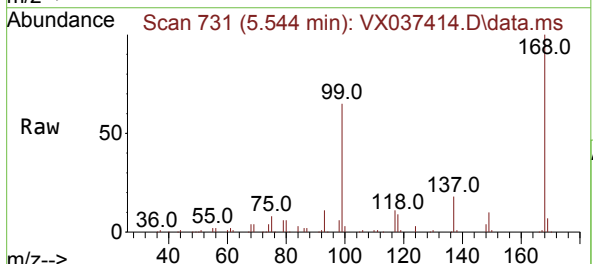


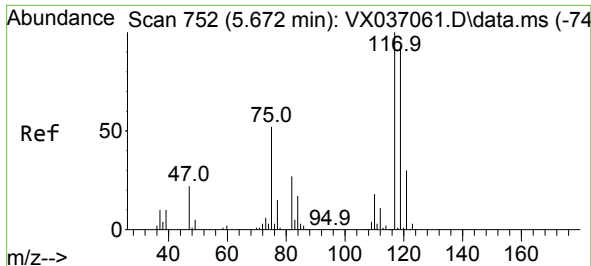
Tgt Ion:113 Resp: 79485
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 18.8 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.923 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.152 min
 Lab File: VX037414.D
 Acq: 31 Aug 2023 08:15

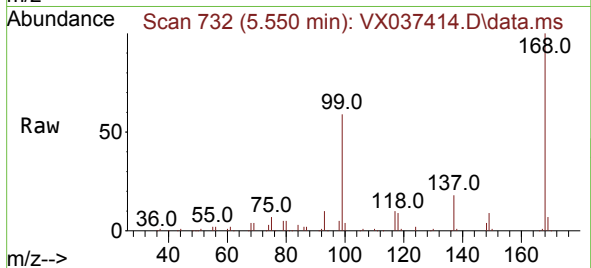
Tgt Ion: 75 Resp: 12060
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.0 50.9#
 77 0.0 24.7 37.1#



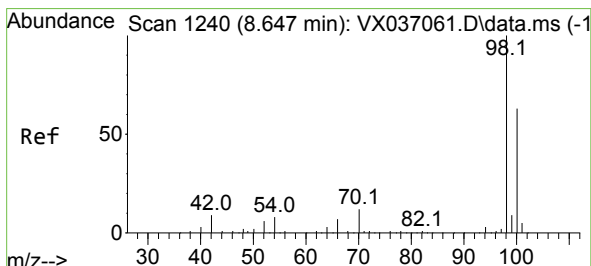
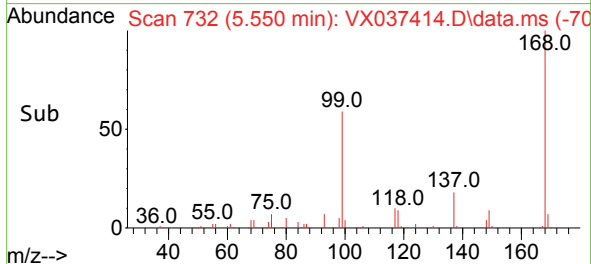
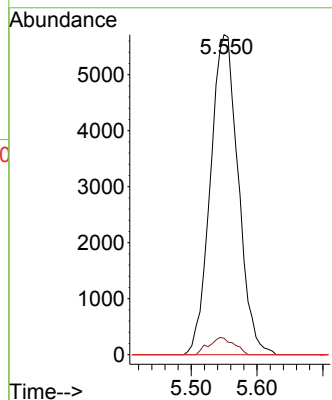


#38
Carbon Tetrachloride
Concen: 6.317 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

Instrument :
MSVOA_X
ClientSampleId :

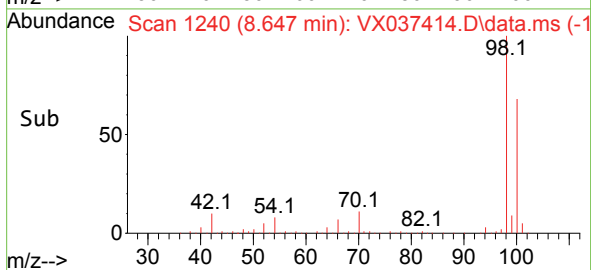
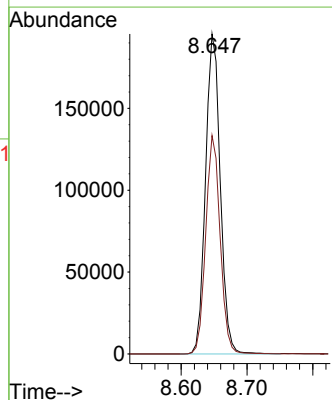
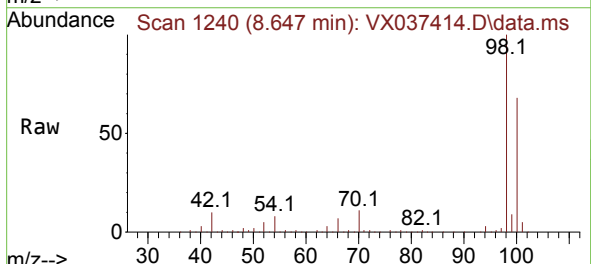


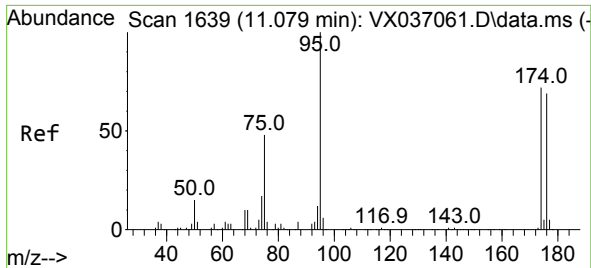
Tgt Ion:117 Resp: 16810
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.712 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

Tgt Ion: 98 Resp: 304684
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

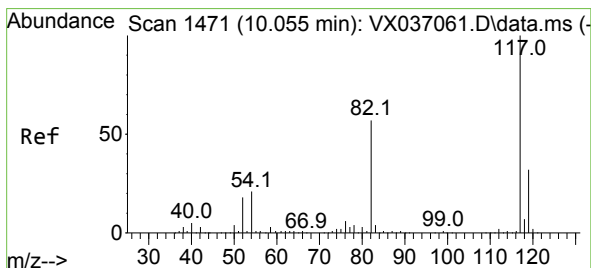
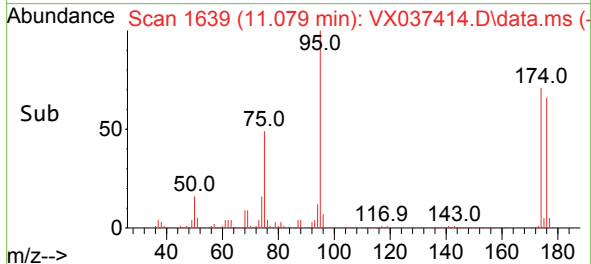
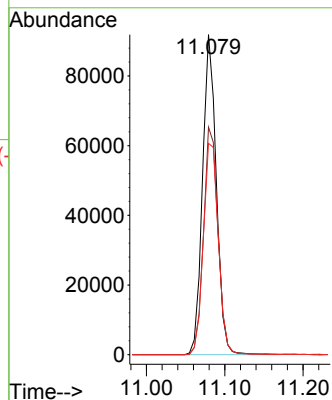
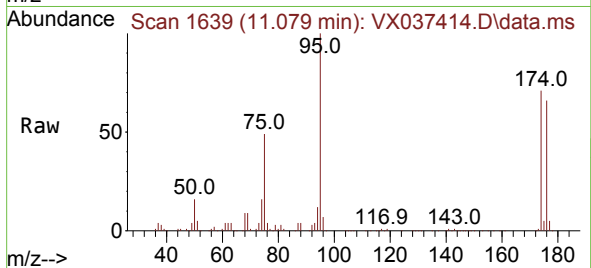




#62
4-Bromofluorobenzene
Concen: 45.630 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

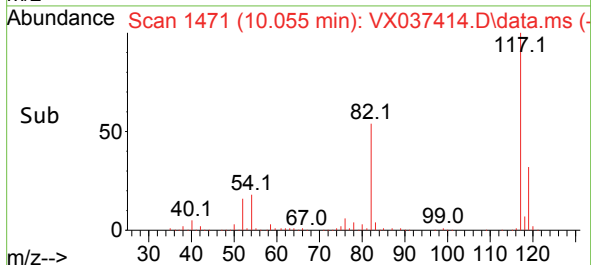
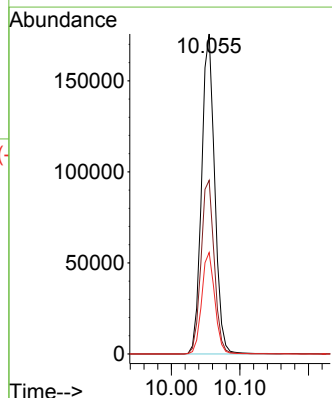
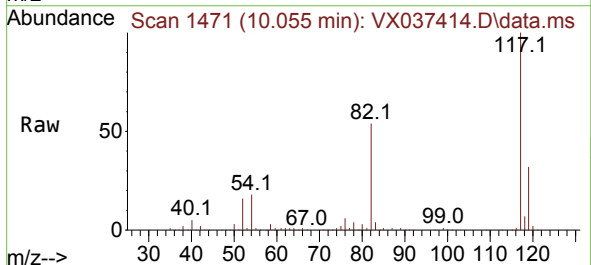
Instrument :
MSVOA_X
ClientSampleId :

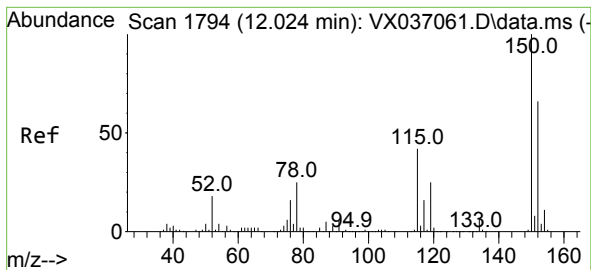
Tgt Ion: 95 Resp: 112161
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 72.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

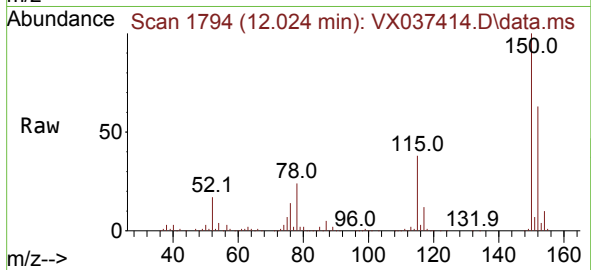
Tgt Ion: 117 Resp: 234081
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.7 25.5 38.3



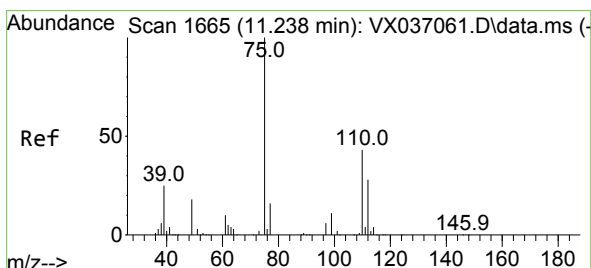
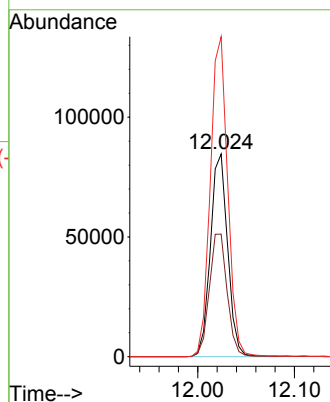
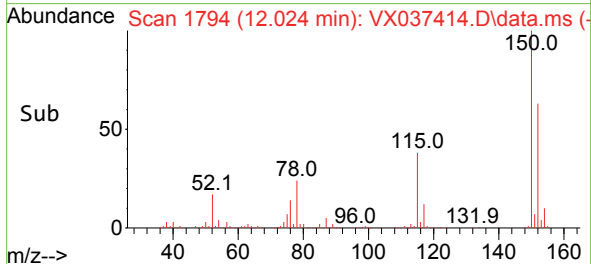


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

Instrument :
MSVOA_X
ClientSampleId :

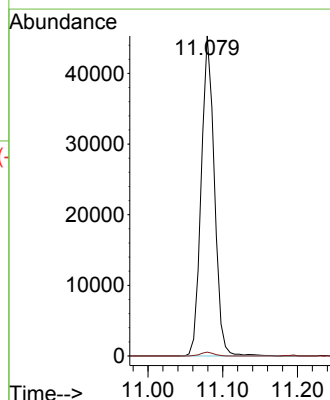
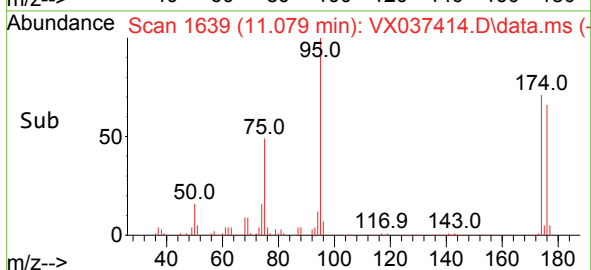
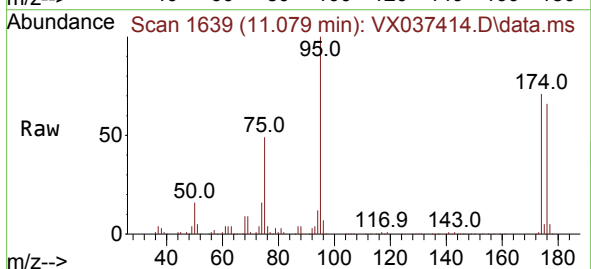


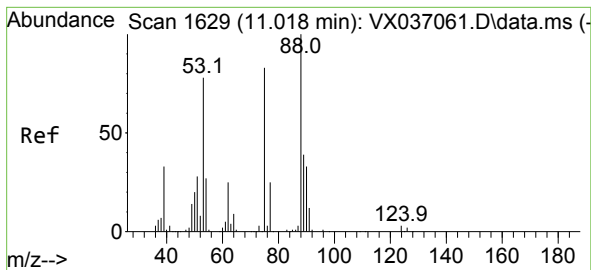
Tgt Ion:152 Resp: 105049
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 159.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037414.D
Acq: 31 Aug 2023 08:15

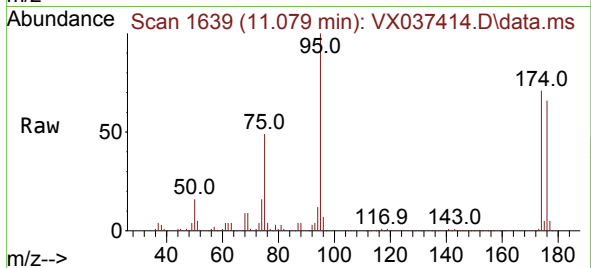
Tgt Ion: 75 Resp: 55428
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.200 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037414.D
 Acq: 31 Aug 2023 08:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55428
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

