

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037241.D
 Acq On : 25 Aug 2023 02:23
 Operator : JC/MD
 Sample : 04077-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 06:31:42 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

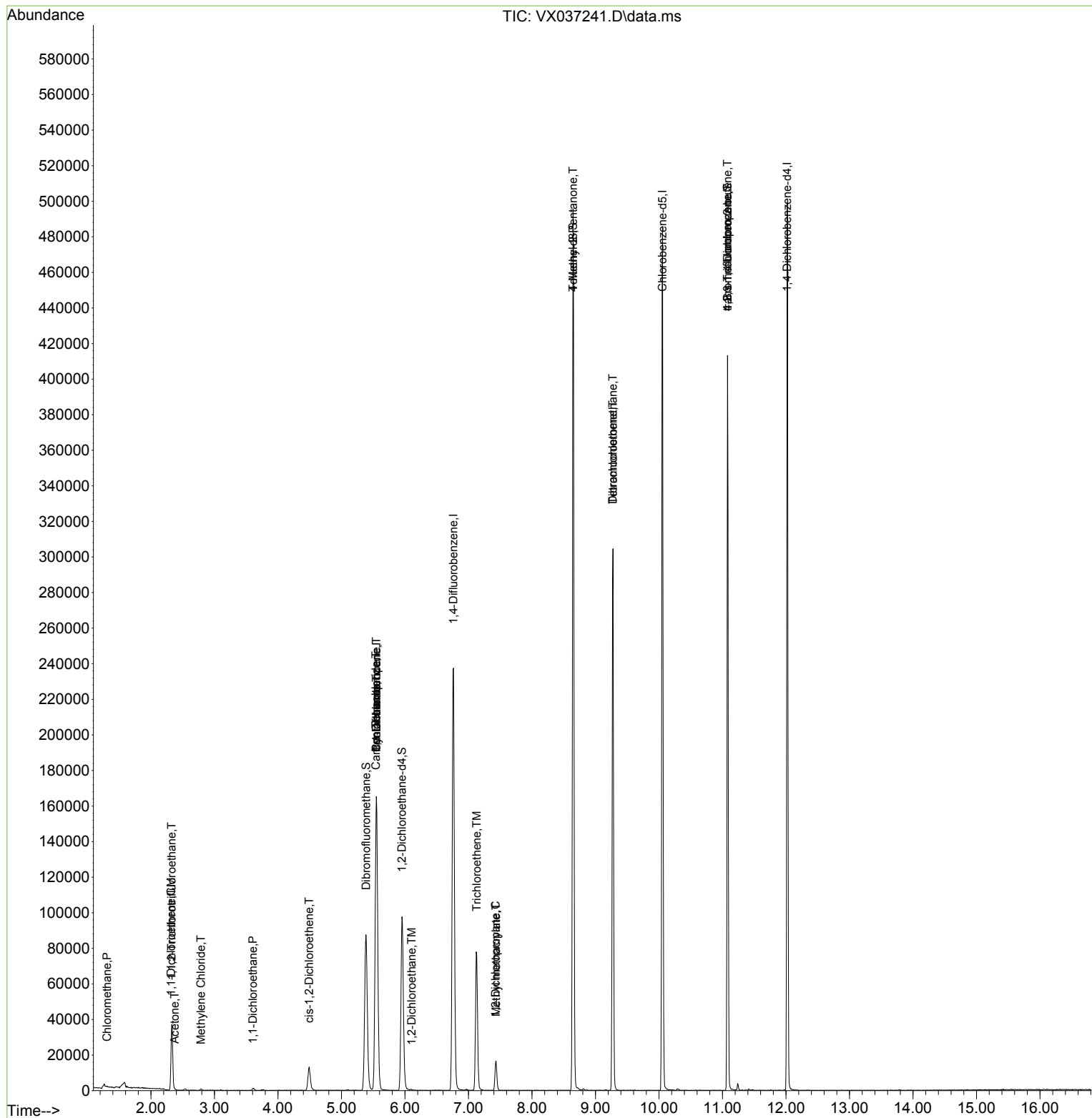
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	154000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97864	44.079	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.160%
35) Dibromofluoromethane	5.385	113	77645	46.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.647	98	295725	48.564	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.079	95	111143	46.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	373	0.238	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	14784	9.082	ug/l	98
12) 1,1-Dichloroethene	2.319	96	796	0.502	ug/l	89
16) Acetone	2.374	43	507	0.584	ug/l #	84
20) Methylene Chloride	2.788	84	425	0.219	ug/l #	70
24) 1,1-Dichloroethane	3.605	63	1686	0.534	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	8858	4.169	ug/l	79
31) Cyclohexane	5.550	56	3000	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12040	5.048	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16594	6.405	ug/l #	14
42) 1,2-Dichloroethane	6.105	62	653	0.243	ug/l #	77
44) Trichloroethene	7.129	130	31836	16.414	ug/l	96
45) 1,2-Dichloropropane	7.428	63	6678	3.959	ug/l	100
48) Methyl methacrylate	7.434	41	3651	1.936	ug/l #	43
51) 4-Methyl-2-Pentanone	8.647	43	1119	0.476	ug/l #	1
60) Dibromochloromethane	9.275	129	56023	28.592	ug/l #	11
64) Tetrachloroethene	9.275	164	56615	34.209	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	56537	26.248	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56537	73.313	ug/l #	5

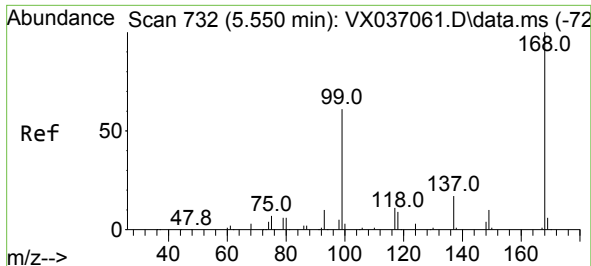
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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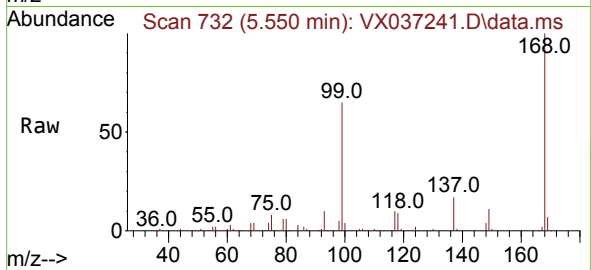
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



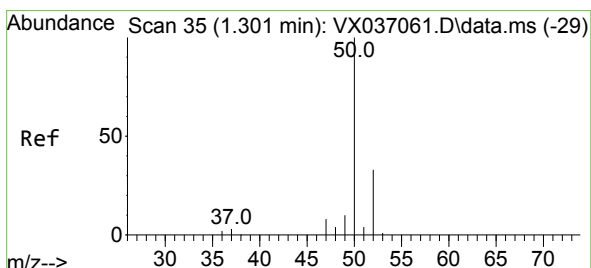
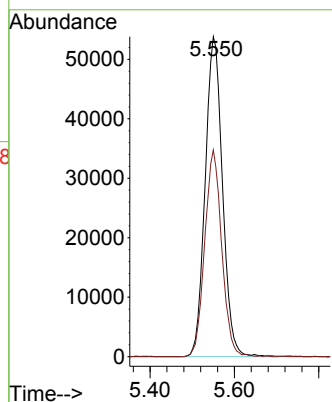
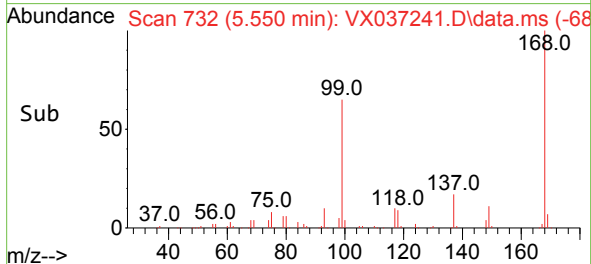


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

Instrument :
MSVOA_X
ClientSampleId :

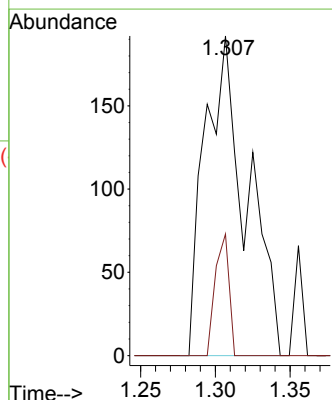
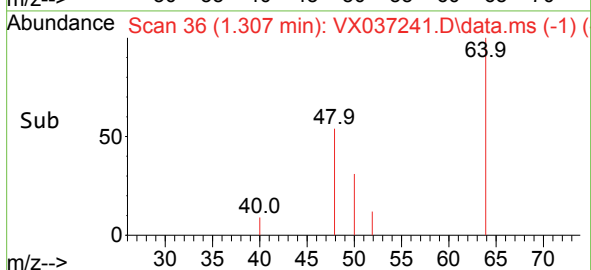
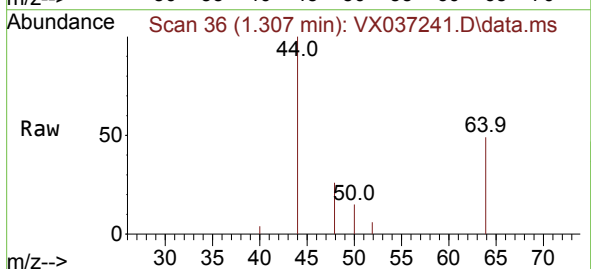


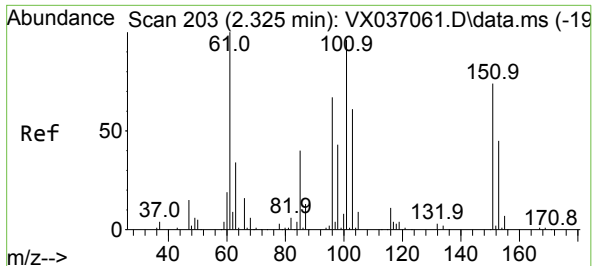
Tgt Ion:168 Resp: 154000
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

Tgt Ion: 50 Resp: 373
Ion Ratio Lower Upper
50 100
52 38.0 25.5 38.3

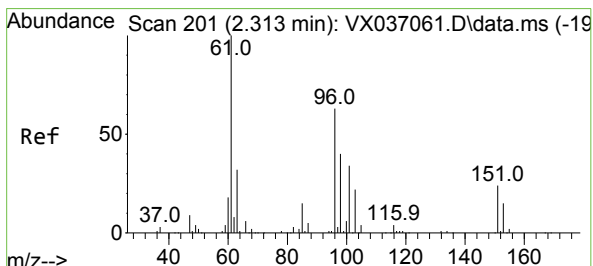
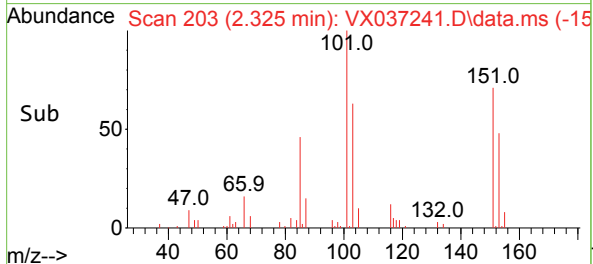
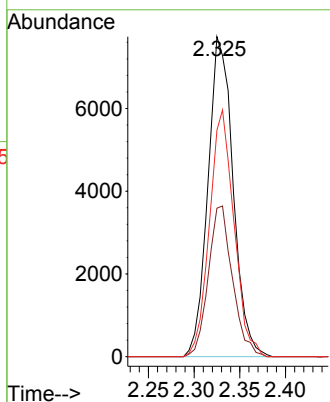
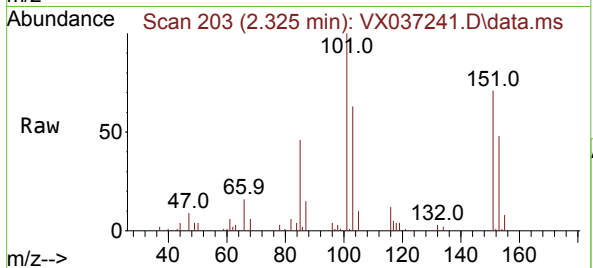




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.082 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.000 min
 Lab File: VX037241.D
 Acq: 25 Aug 2023 02:23

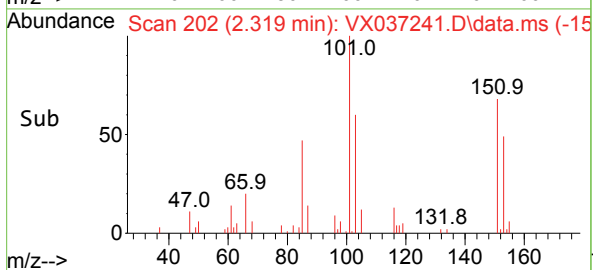
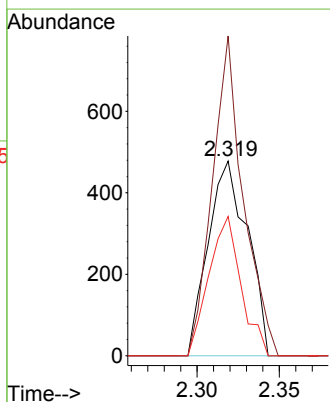
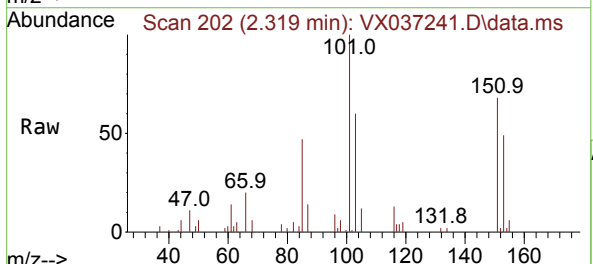
Instrument :
 MSVOA_X
 ClientSampleId :

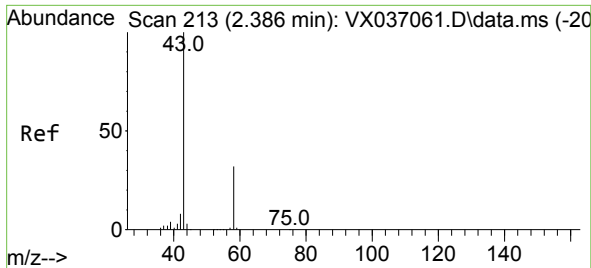
Tgt Ion:101 Resp: 14784
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.0 55.6
 151 75.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 0.502 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.006 min
 Lab File: VX037241.D
 Acq: 25 Aug 2023 02:23

Tgt Ion: 96 Resp: 796
 Ion Ratio Lower Upper
 96 100
 61 164.2 144.6 216.8
 98 71.5 50.4 75.6





#16

Acetone

Concen: 0.584 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX037241.D

Acq: 25 Aug 2023 02:23

Instrument :

MSVOA_X

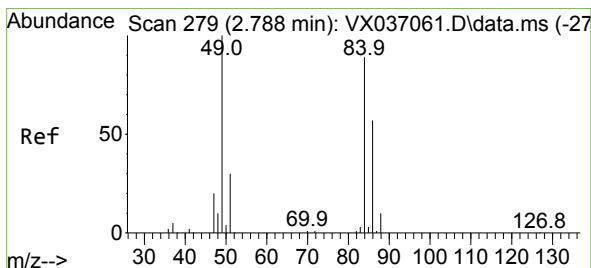
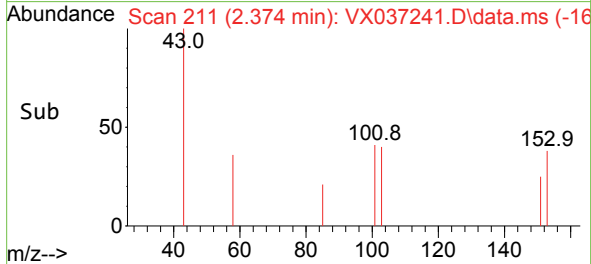
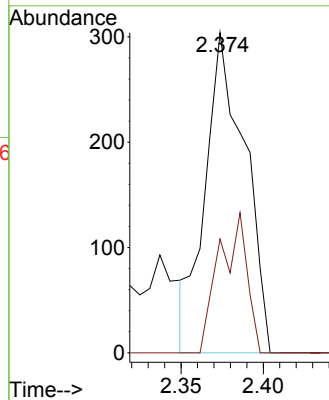
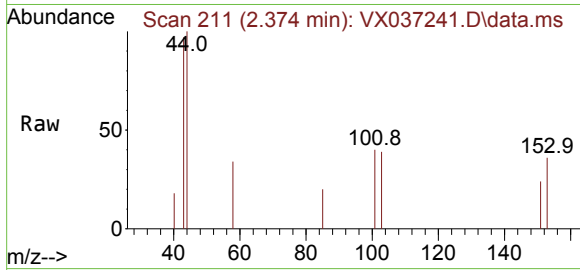
ClientSampleId :

Tgt Ion: 43 Resp: 507

Ion Ratio Lower Upper

43 100

58 35.5 21.9 32.9#



#20

Methylene Chloride

Concen: 0.219 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037241.D

Acq: 25 Aug 2023 02:23

Tgt Ion: 84 Resp: 425

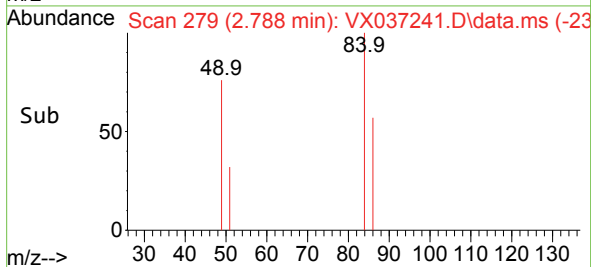
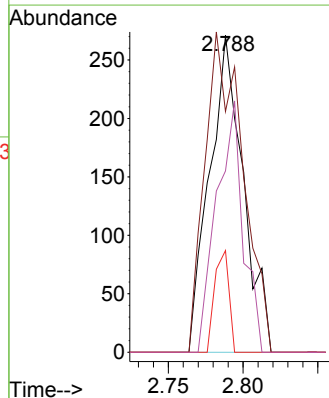
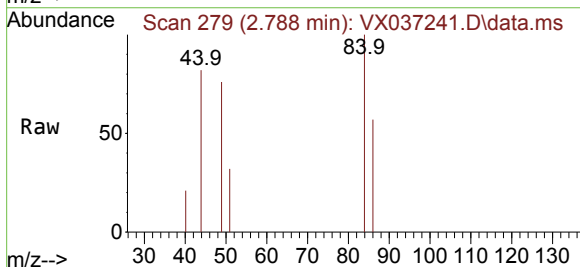
Ion Ratio Lower Upper

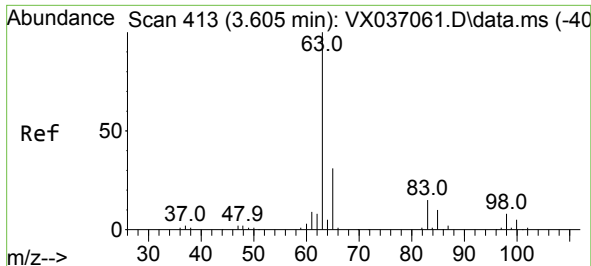
84 100

49 76.0 103.6 155.4#

51 32.1 33.8 50.6#

86 57.2 49.4 74.0

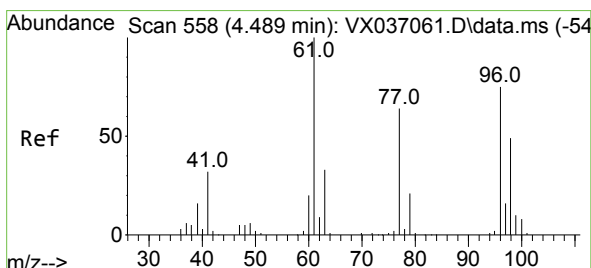
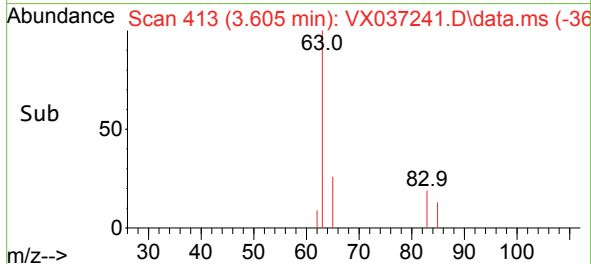
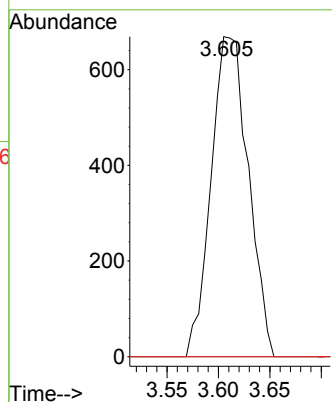
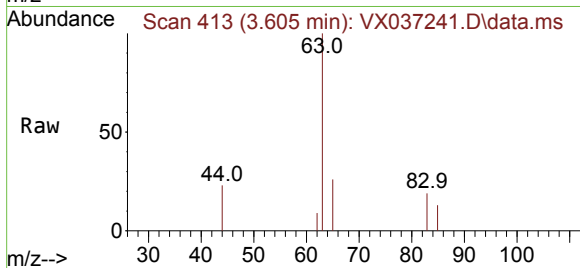




#24
 1,1-Dichloroethane
 Concen: 0.534 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037241.D
 Acq: 25 Aug 2023 02:23

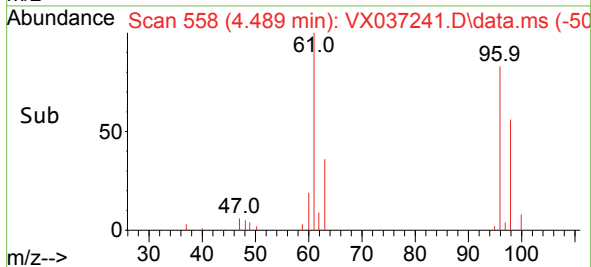
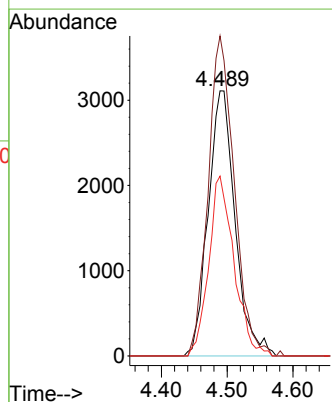
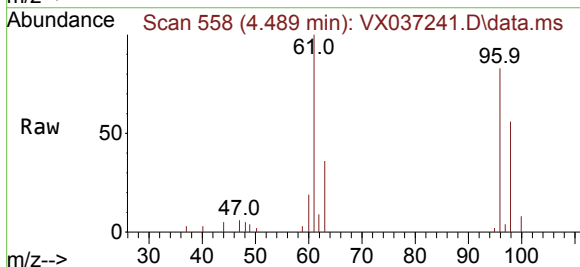
Instrument :
 MSVOA_X
 ClientSampleId :

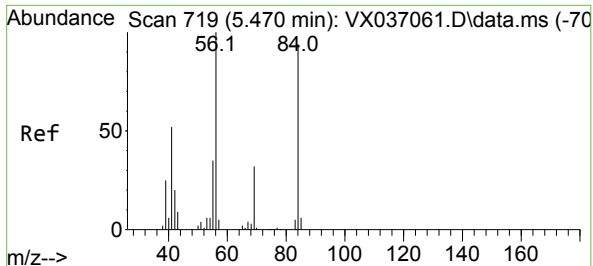
Tgt Ion: 63 Resp: 1686
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#



#27
 cis-1,2-Dichloroethene
 Concen: 4.169 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX037241.D
 Acq: 25 Aug 2023 02:23

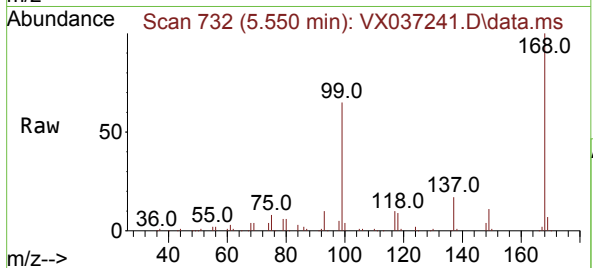
Tgt Ion: 96 Resp: 8858
 Ion Ratio Lower Upper
 96 100
 61 117.2 0.0 312.2
 98 63.8 0.0 129.0



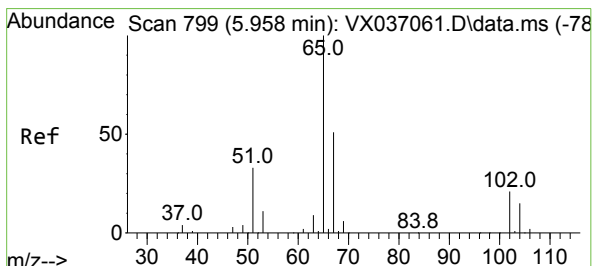
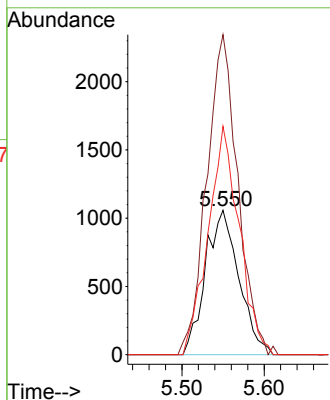
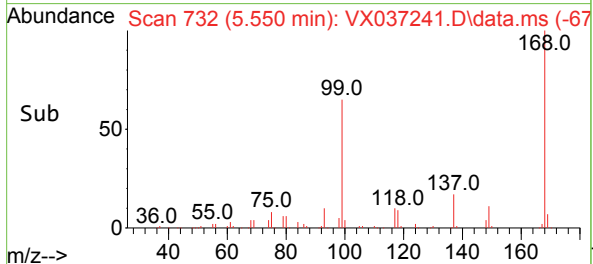


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

Instrument :
MSVOA_X
ClientSampleId :

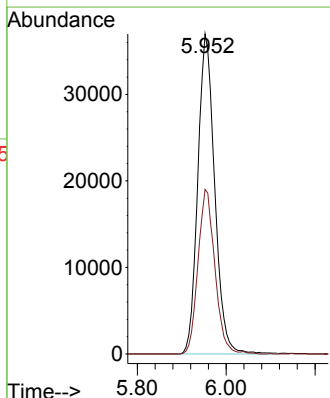
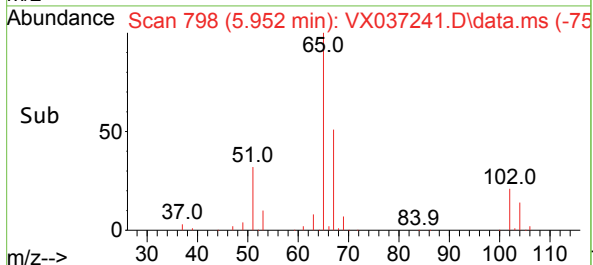
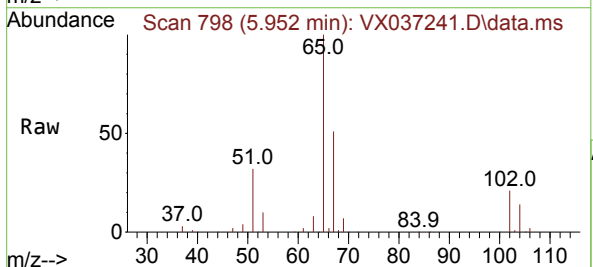


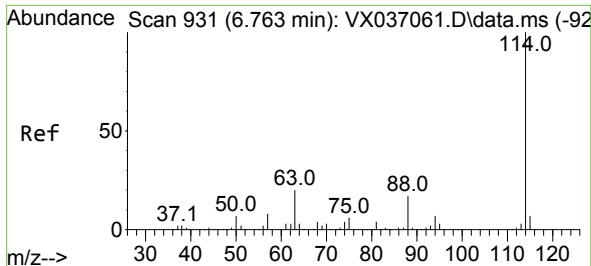
Tgt Ion: 56 Resp: 3000
Ion Ratio Lower Upper
56 100
69 221.8 23.4 35.2#
84 158.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.079 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

Tgt Ion: 65 Resp: 97864
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

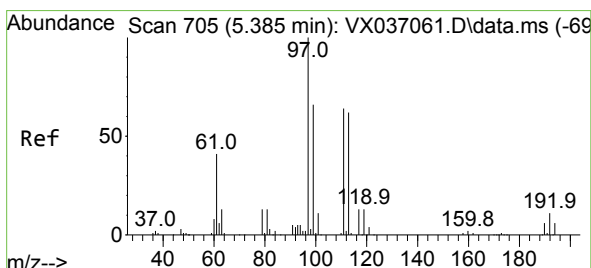
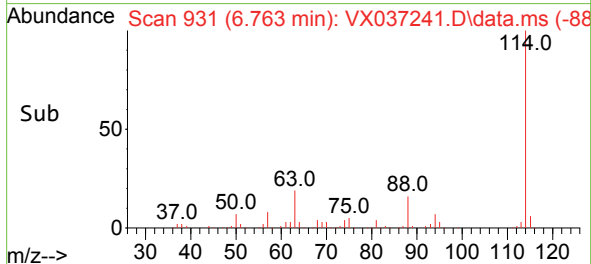
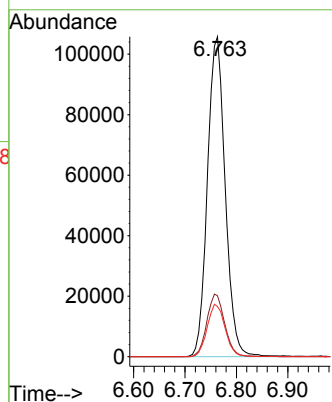
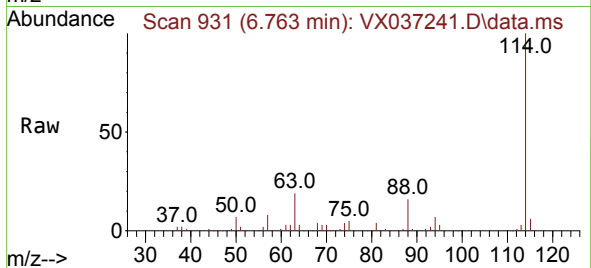




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

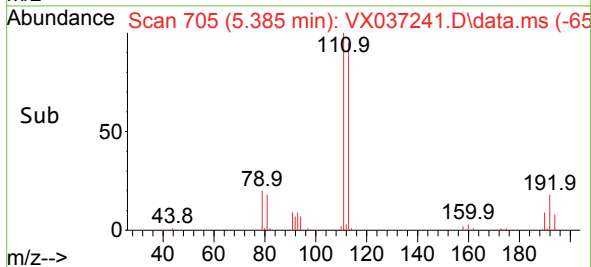
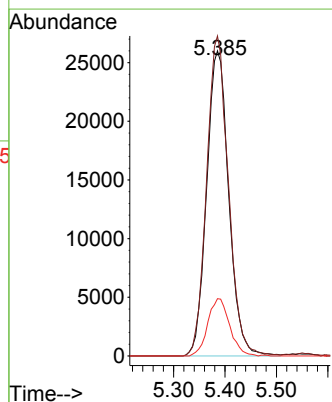
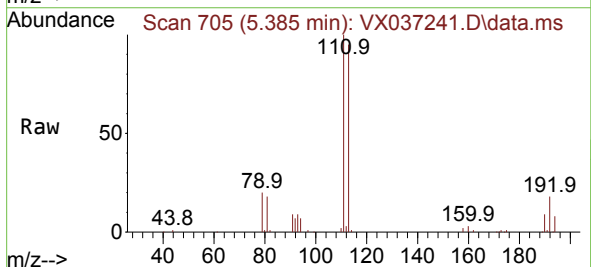
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ClientSampleId :

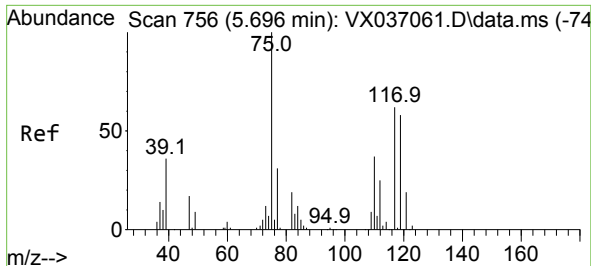
Tgt Ion:114 Resp: 253481
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.252 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

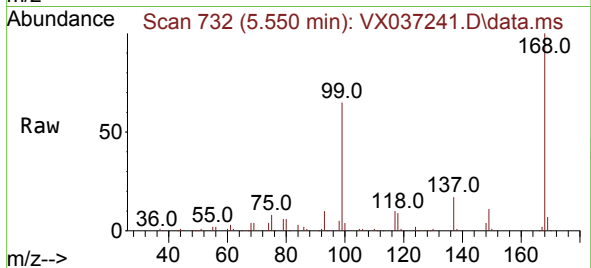
Tgt Ion:113 Resp: 77645
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.6 13.3 19.9



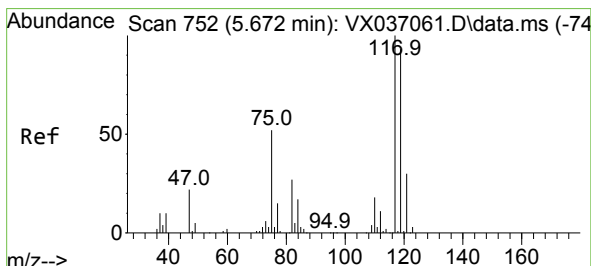
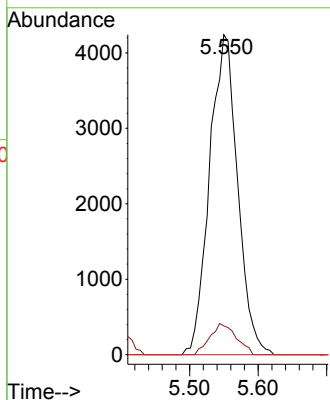
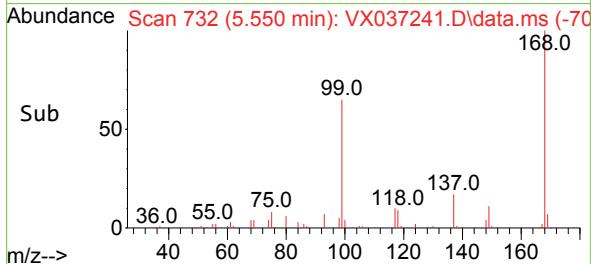


#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

Instrument :
MSVOA_X
ClientSampleId :

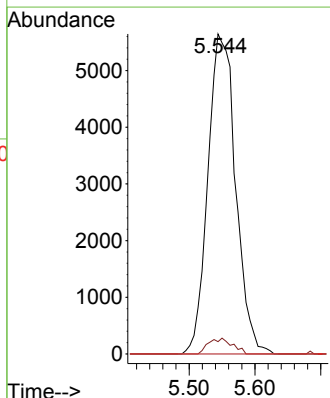
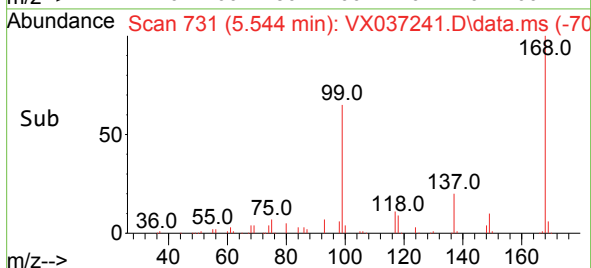
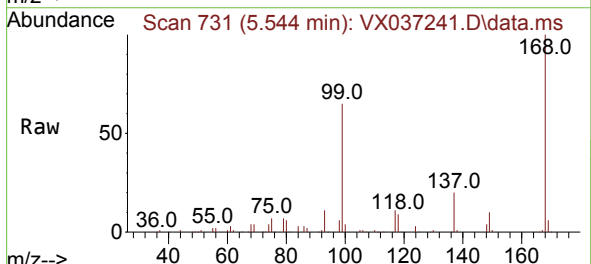


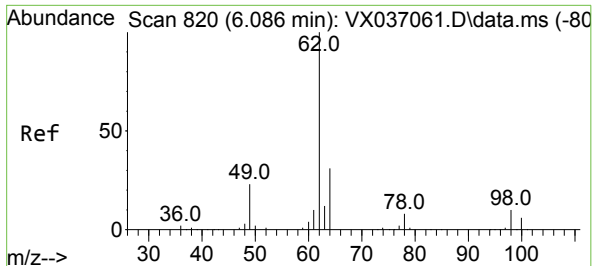
Tgt Ion: 75 Resp: 12040
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

Tgt Ion: 117 Resp: 16594
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.243 ug/l

RT: 6.105 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX037241.D

Acq: 25 Aug 2023 02:23

Instrument :

MSVOA_X

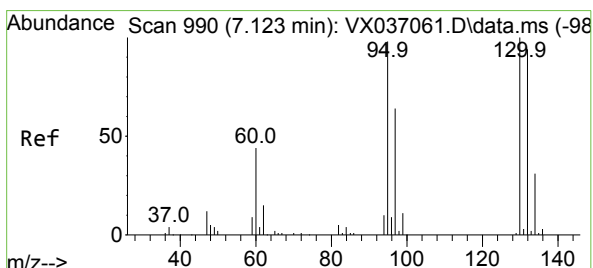
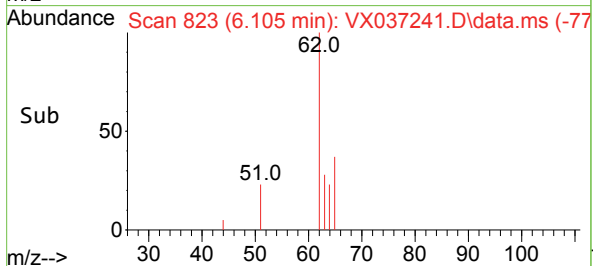
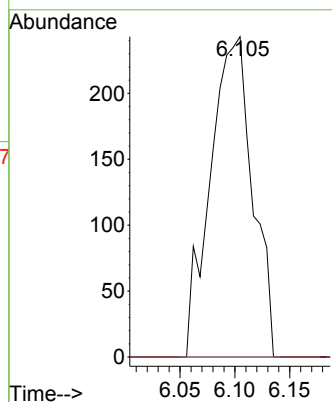
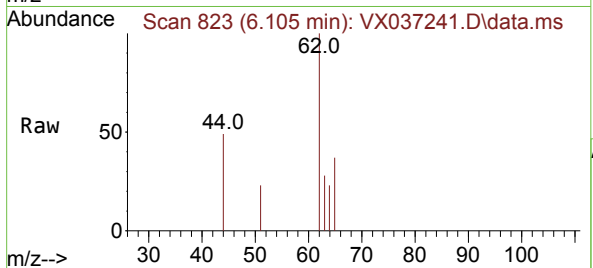
ClientSampleId :

Tgt Ion: 62 Resp: 653

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 16.414 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037241.D

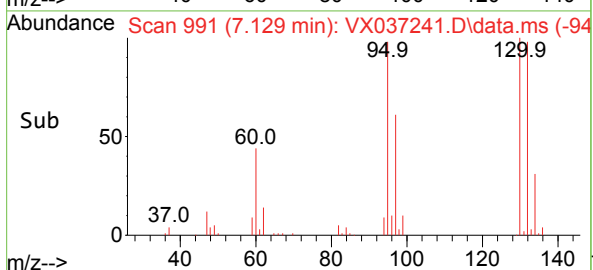
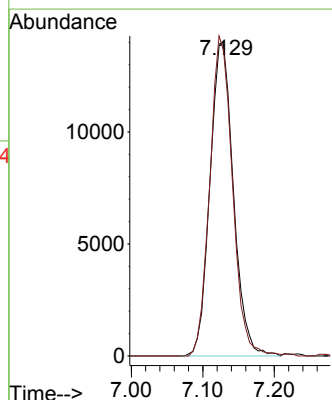
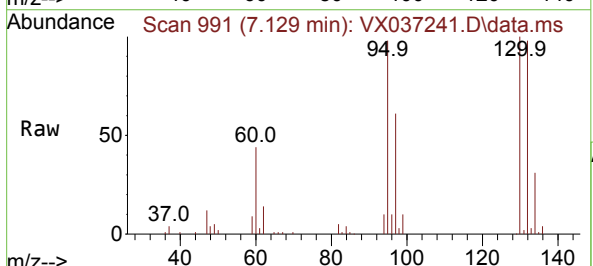
Acq: 25 Aug 2023 02:23

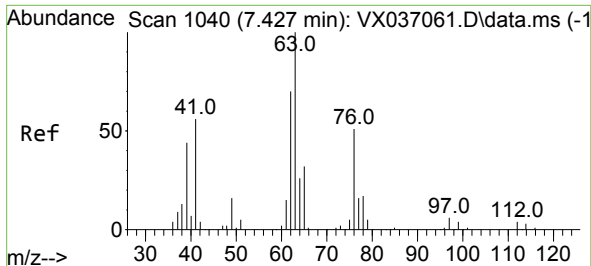
Tgt Ion:130 Resp: 31836

Ion Ratio Lower Upper

130 100

95 98.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 3.959 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037241.D

Acq: 25 Aug 2023 02:23

Instrument :

MSVOA_X

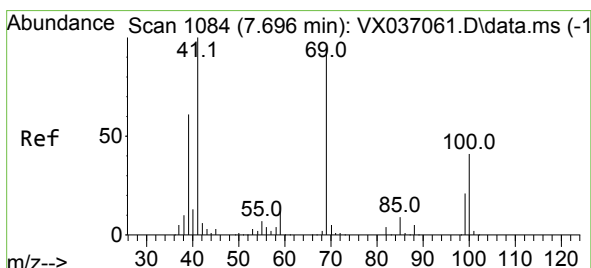
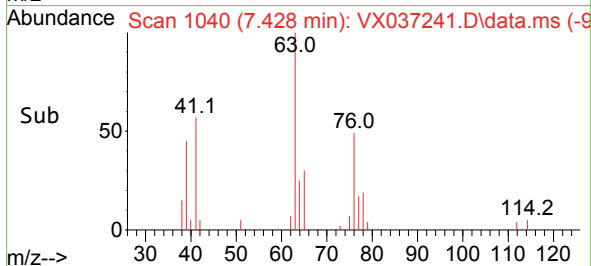
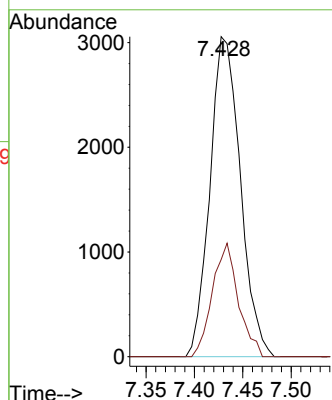
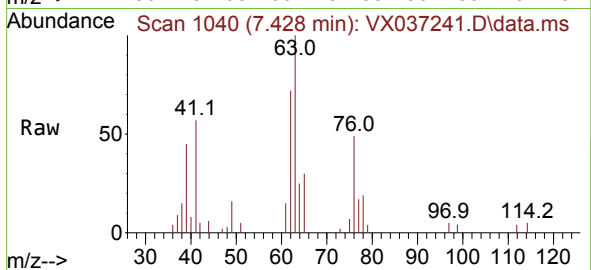
ClientSampleId :

Tgt Ion: 63 Resp: 6678

Ion Ratio Lower Upper

63 100

65 30.3 24.3 36.5



#48

Methyl methacrylate

Concen: 1.936 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.262 min

Lab File: VX037241.D

Acq: 25 Aug 2023 02:23

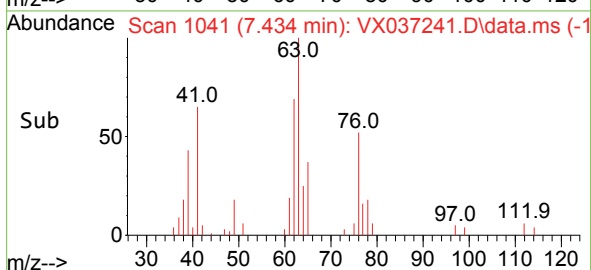
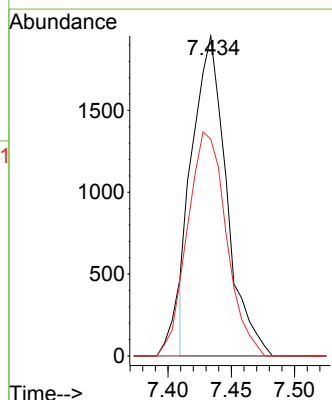
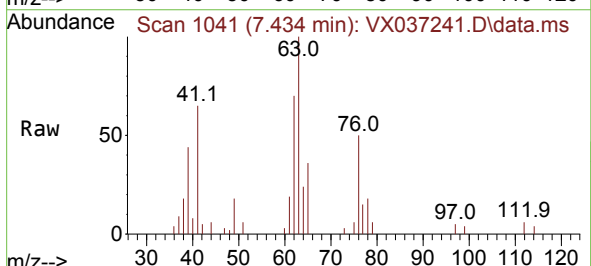
Tgt Ion: 41 Resp: 3651

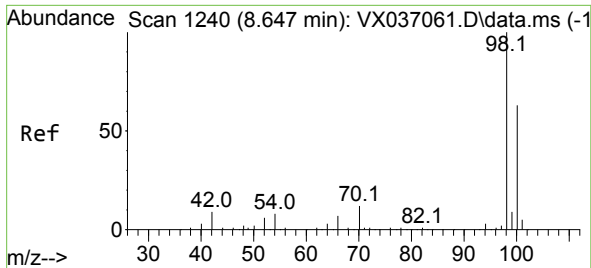
Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 73.5 47.7 71.5#

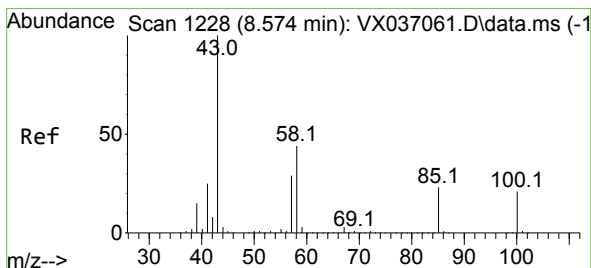
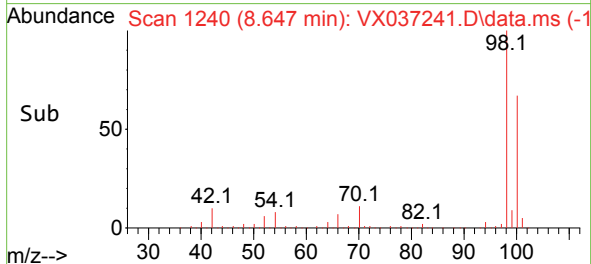
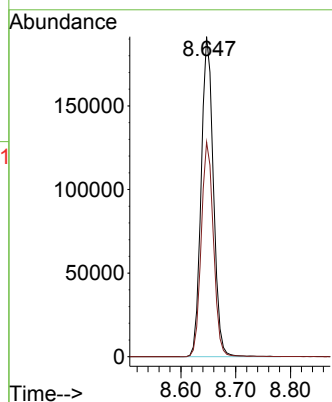
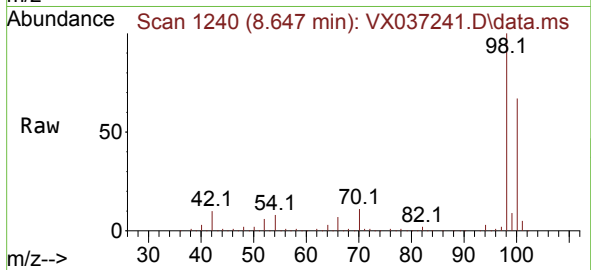




#50
Toluene-d8
Concen: 48.564 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

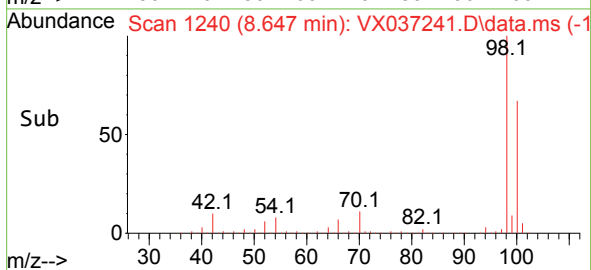
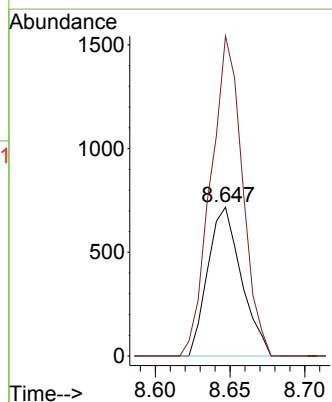
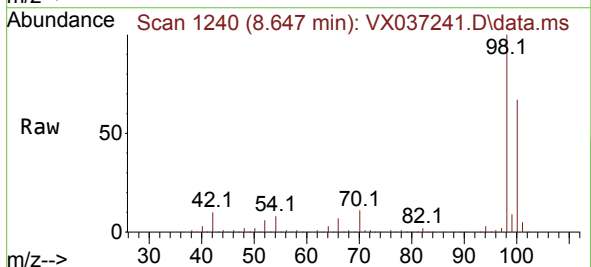
Instrument :
MSVOA_X
ClientSampleId :

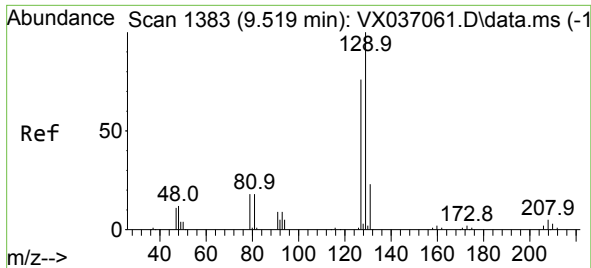
Tgt Ion: 98 Resp: 295725
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 203.5 30.4 45.6#

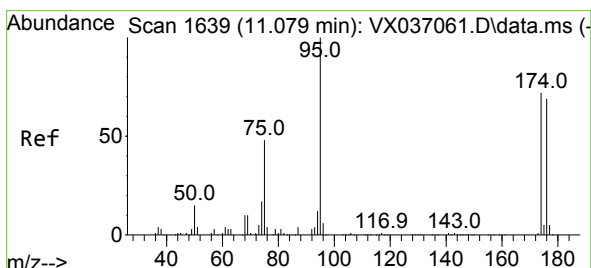
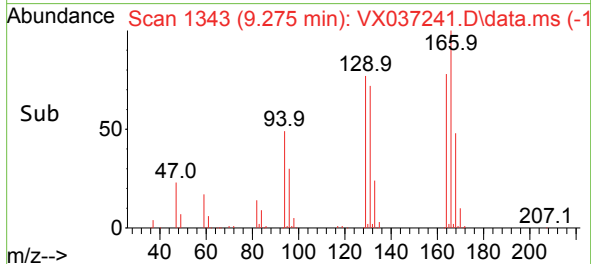
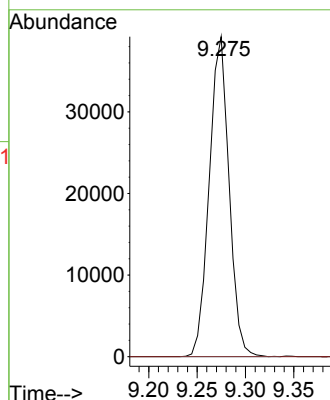
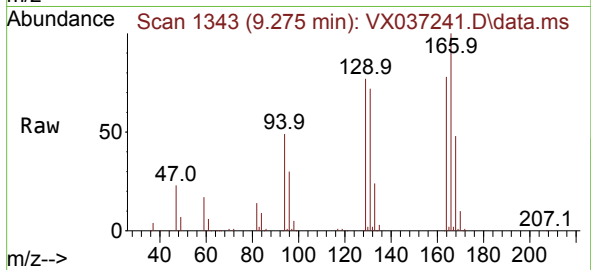




#60
Dibromochloromethane
Concen: 28.592 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

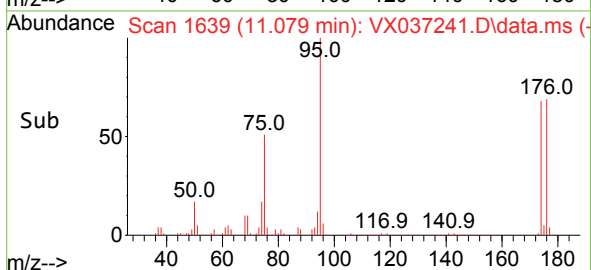
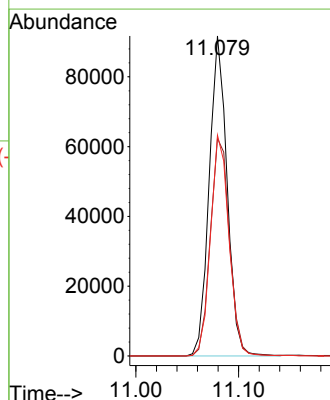
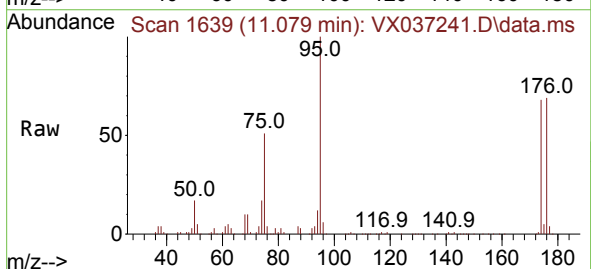
Instrument :
MSVOA_X
ClientSampleId :

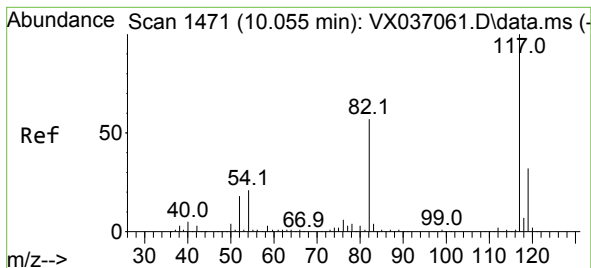
Tgt Ion:129 Resp: 56023
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

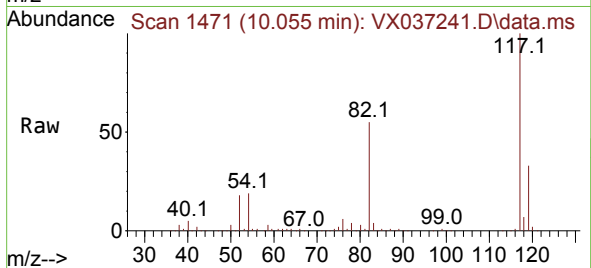
Tgt Ion: 95 Resp: 111143
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 71.1 0.0 131.0



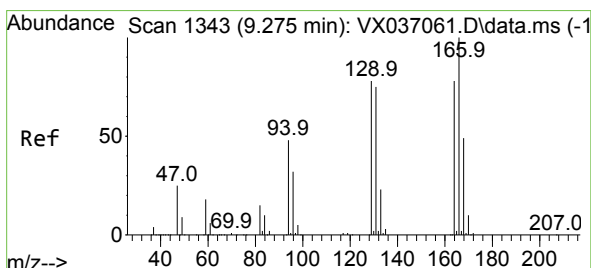
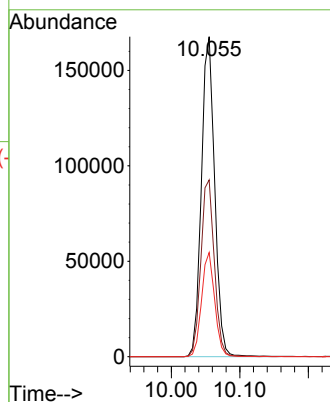
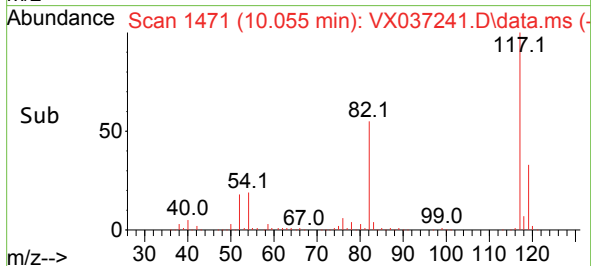


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23

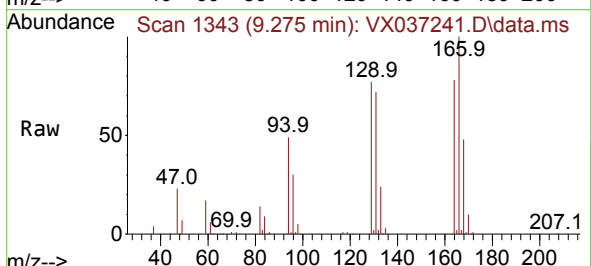
Instrument :
MSVOA_X
ClientSampleId :



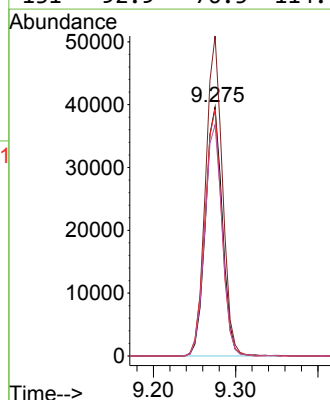
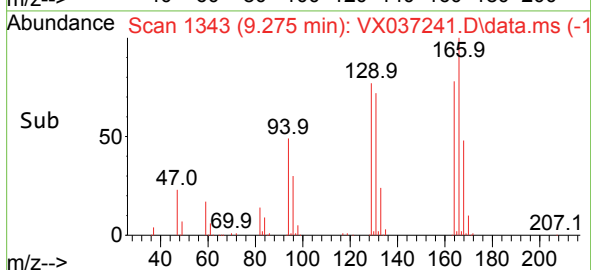
Tgt Ion:117 Resp: 226863
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.6 25.5 38.3

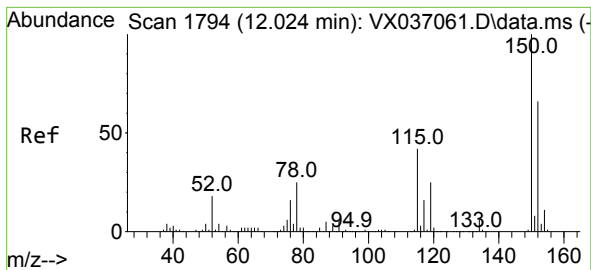


#64
Tetrachloroethene
Concen: 34.209 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037241.D
Acq: 25 Aug 2023 02:23



Tgt Ion:164 Resp: 56615
Ion Ratio Lower Upper
164 100
166 128.6 102.7 154.1
129 99.0 80.4 120.6
131 92.9 76.5 114.7

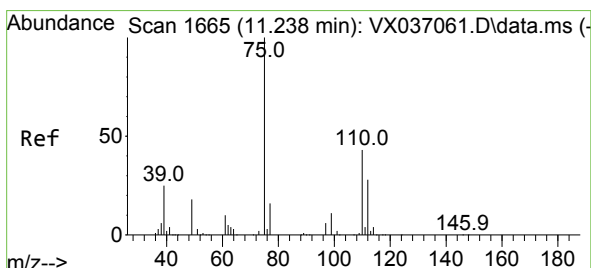
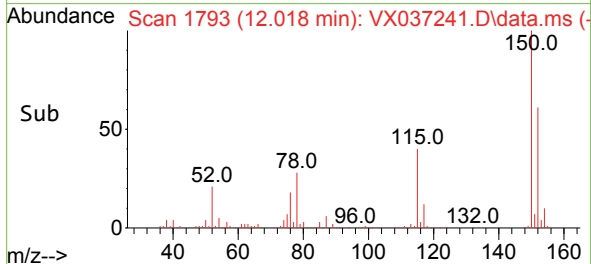
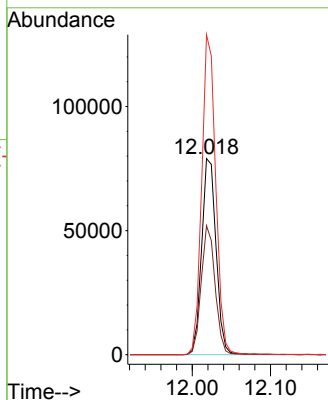
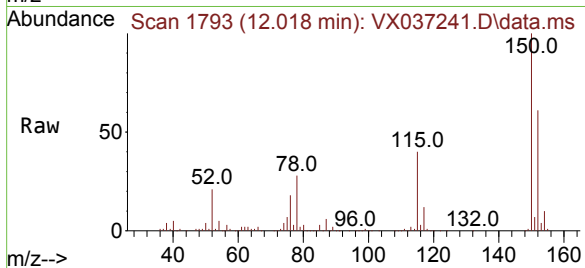




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037241.D
 Acq: 25 Aug 2023 02:23

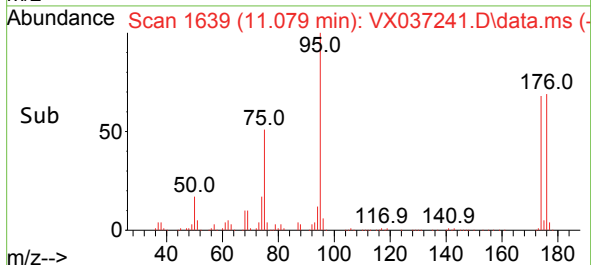
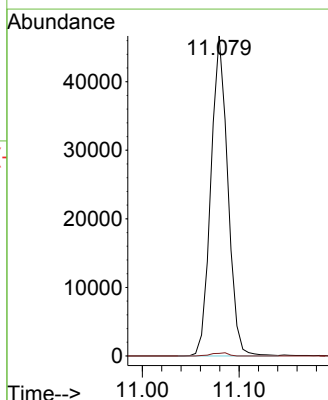
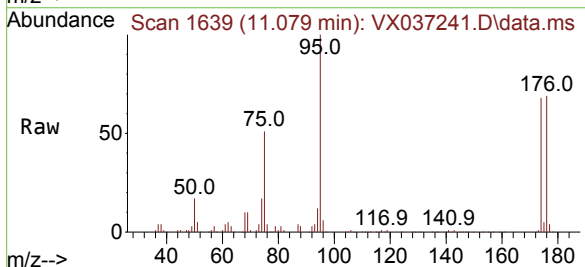
Instrument :
 MSVOA_X
 ClientSampleId :

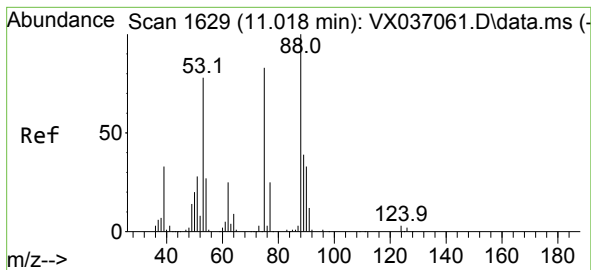
Tgt Ion:152 Resp: 101139
 Ion Ratio Lower Upper
 152 100
 115 63.5 43.3 129.9
 150 158.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.248 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037241.D
 Acq: 25 Aug 2023 02:23

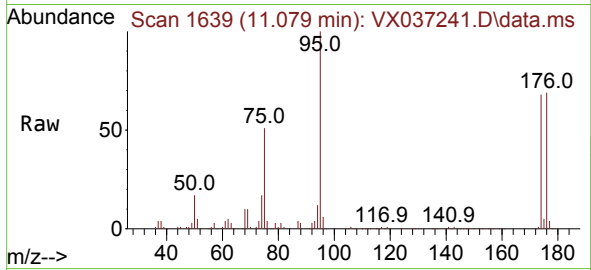
Tgt Ion: 75 Resp: 56537
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.313 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037241.D
 Acq: 25 Aug 2023 02:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 56537
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

