

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040230.D
 Acq On : 14 Feb 2024 18:59
 Operator : JC/MD
 Sample : P1462-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 00:07:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

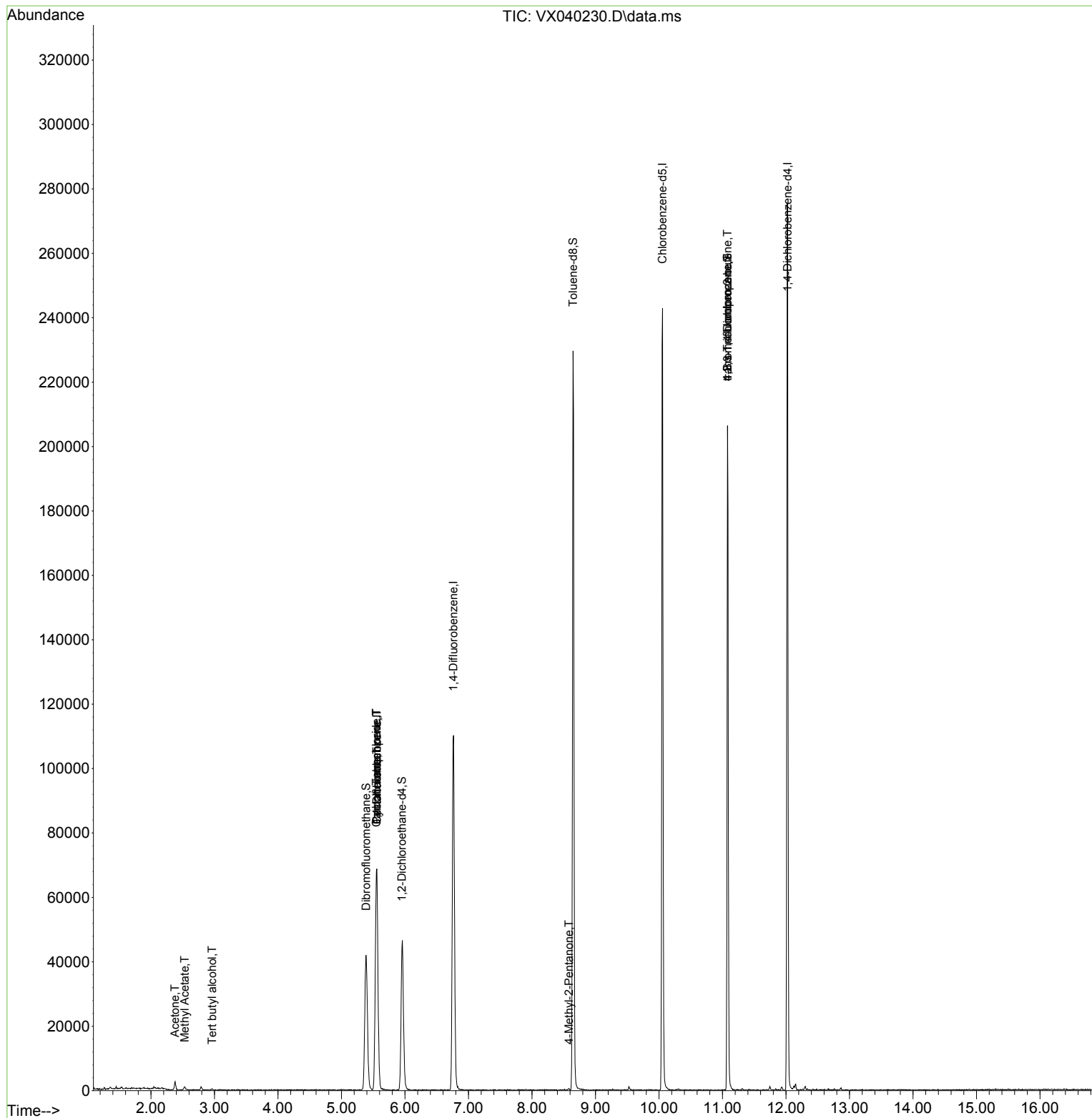
Internal Standards						
1) Pentafluorobenzene	5.556	168	68400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	115104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44034	43.273	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.540%
35) Dibromofluoromethane	5.385	113	36475	45.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.760%
50) Toluene-d8	8.647	98	137131	45.606	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.220%#
62) 4-Bromofluorobenzene	11.079	95	55446	45.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	329	1.660	ug/l	# 78
16) Acetone	2.380	43	2574	6.159	ug/l	# 88
18) Methyl Acetate	2.532	43	333	0.297	ug/l	# 53
20) Methylene Chloride	2.788	84	379	Below Cal		90
31) Cyclohexane	5.556	56	1388	1.144	ug/l	# 31
36) 1,1-Dichloropropene	5.556	75	5240	4.654	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	7096	6.628	ug/l	# 11
51) 4-Methyl-2-Pentanone	8.580	43	322	0.241	ug/l	# 79
76) 1,2,3-Trichloropropane	11.079	75	28603	23.809	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	28603	65.661	ug/l	# 5

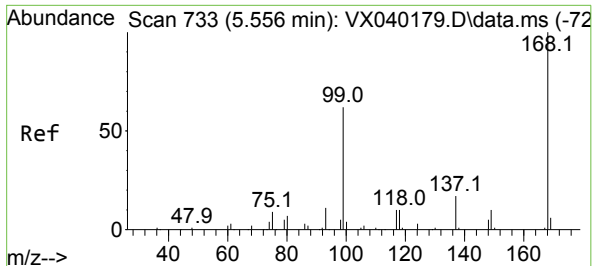
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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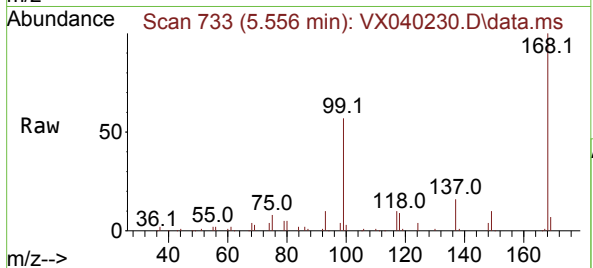


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

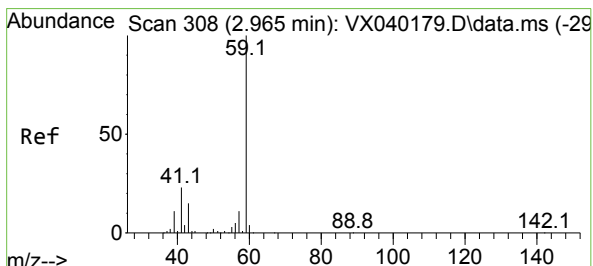
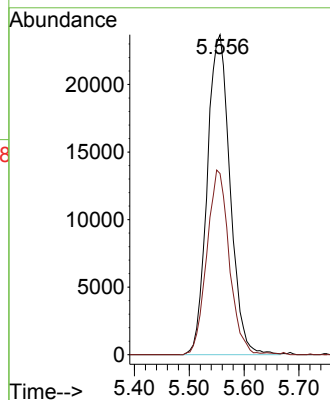
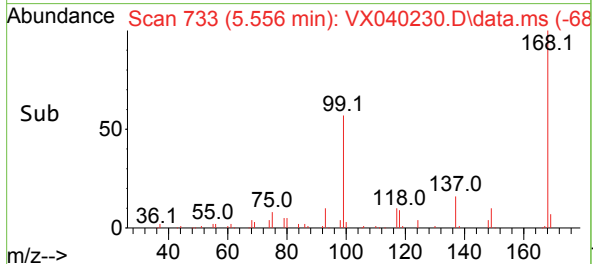
Instrument :

MSVOA_X

ClientSampleId :

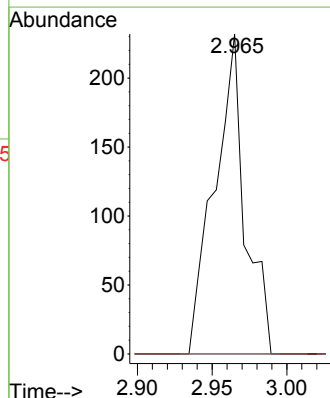
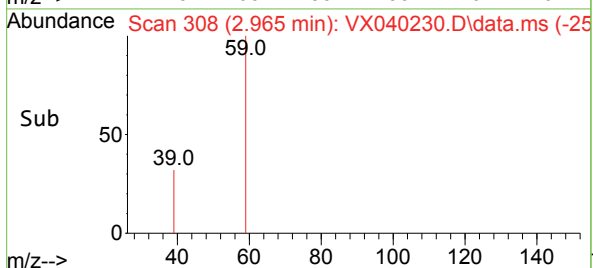
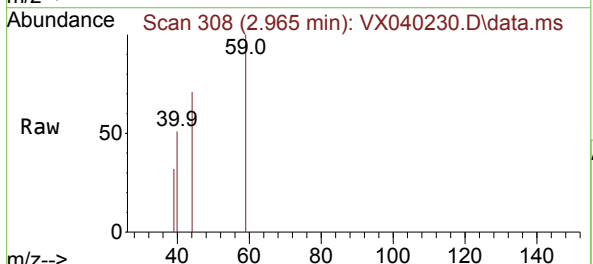


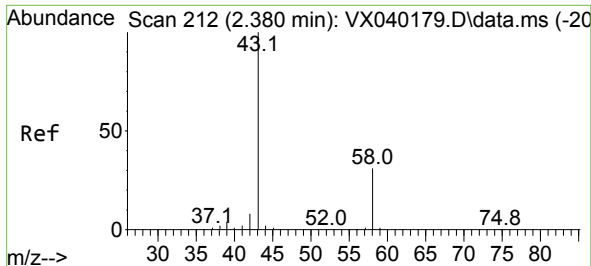
Tgt Ion:168 Resp: 68400
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.660 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

Tgt Ion: 59 Resp: 329
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

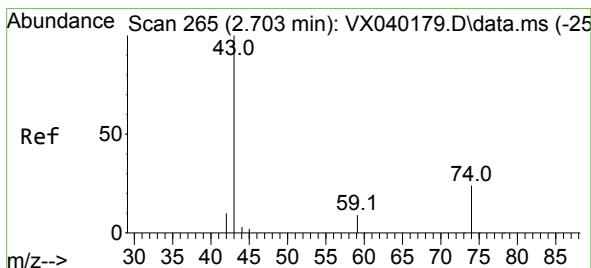
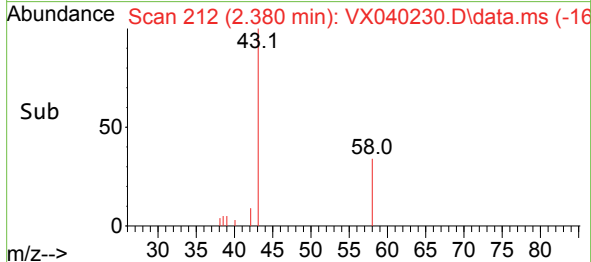
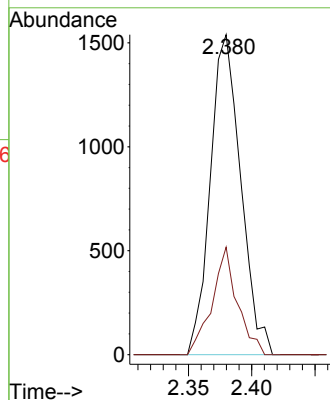
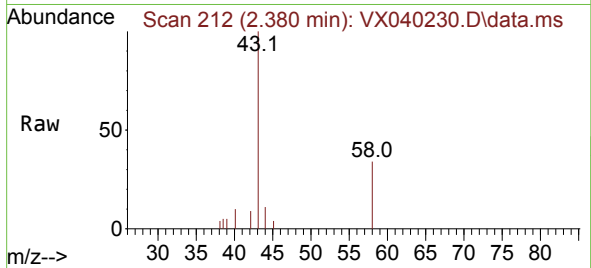




#16
Acetone
Concen: 6.159 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

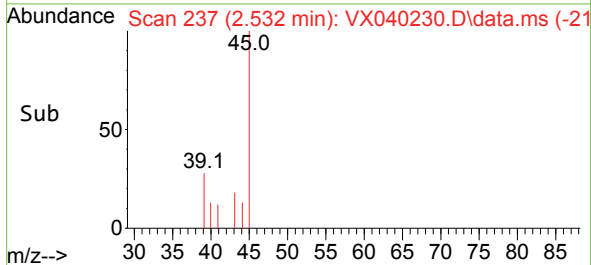
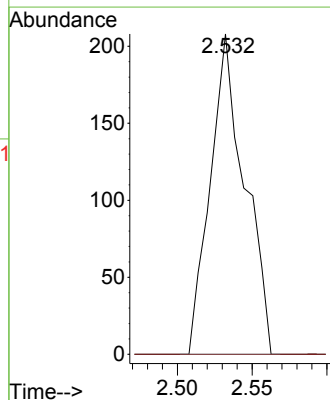
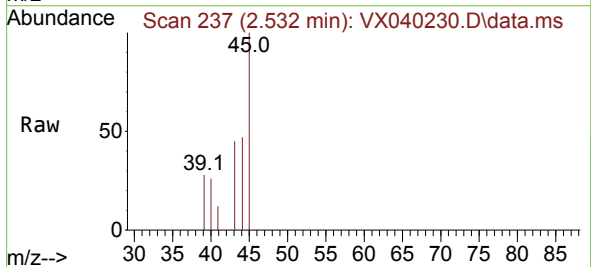
Instrument :
MSVOA_X
ClientSampleId :

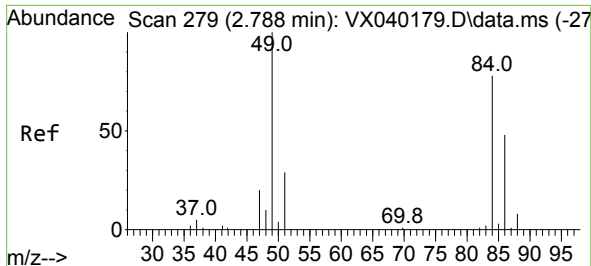
Tgt Ion: 43 Resp: 2574
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#



#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.170 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

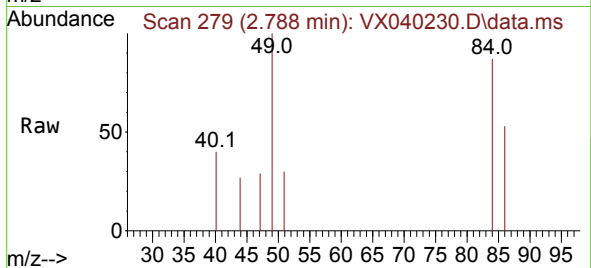
Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





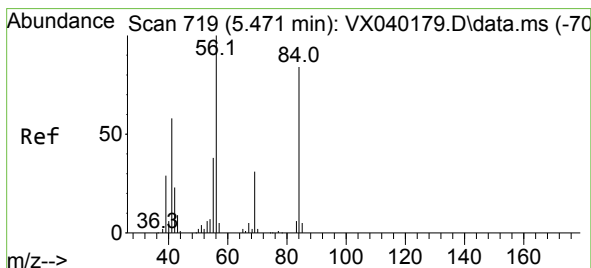
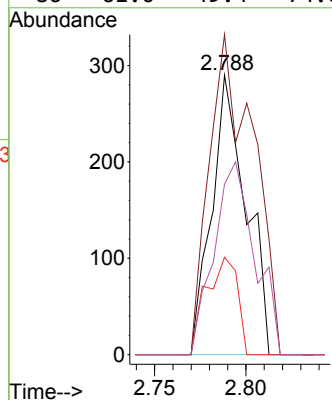
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 379

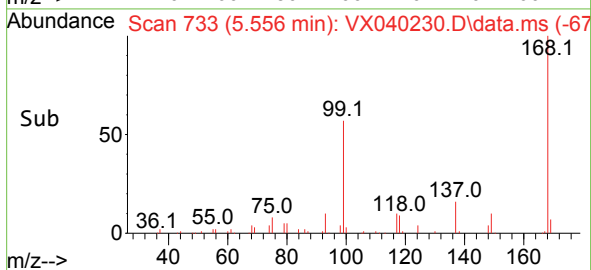
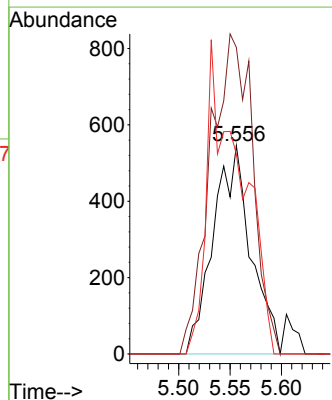
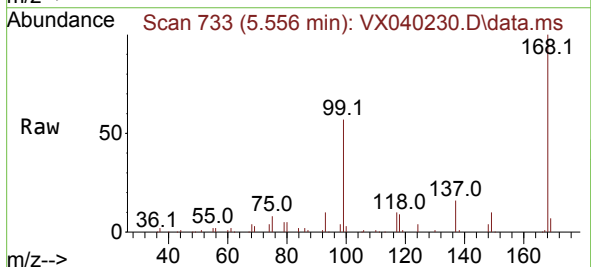
Ion	Ratio	Lower	Upper
84	100		
49	114.5	103.6	155.4
51	34.8	33.8	50.6
86	61.0	49.4	74.0

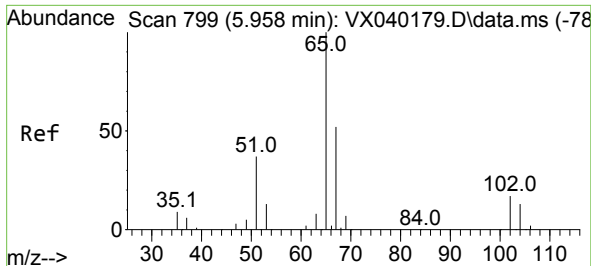


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

Tgt Ion: 56 Resp: 1388

Ion	Ratio	Lower	Upper
56	100		
69	147.1	23.4	35.2#
84	96.0	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 43.273 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

Instrument :

MSVOA_X

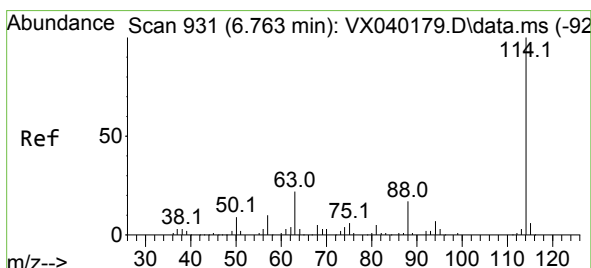
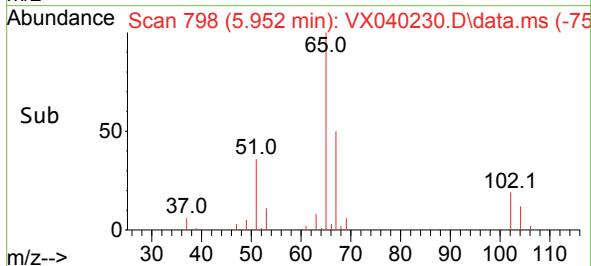
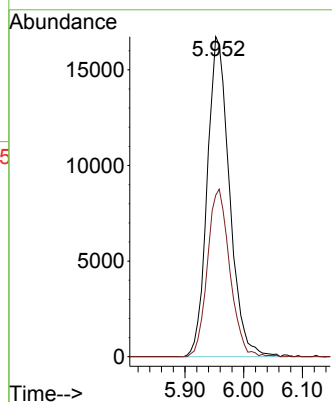
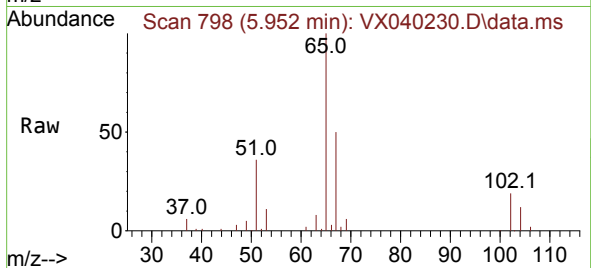
ClientSampleId :

Tgt Ion: 65 Resp: 44034

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

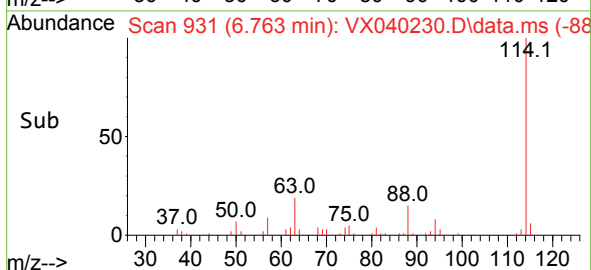
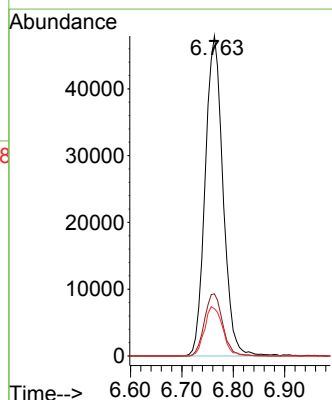
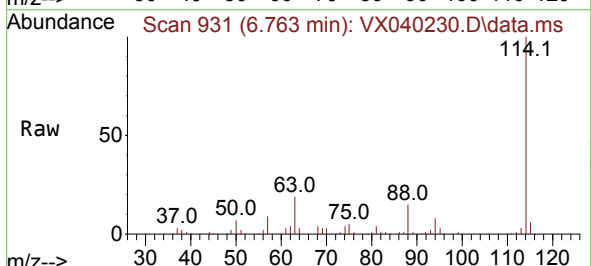
Tgt Ion: 114 Resp: 115104

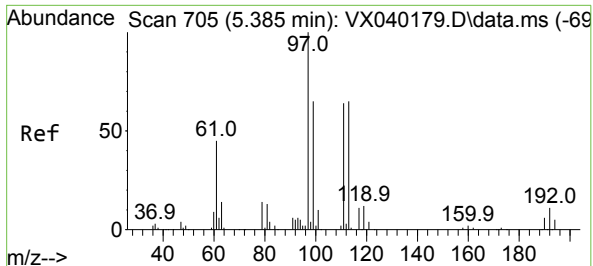
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

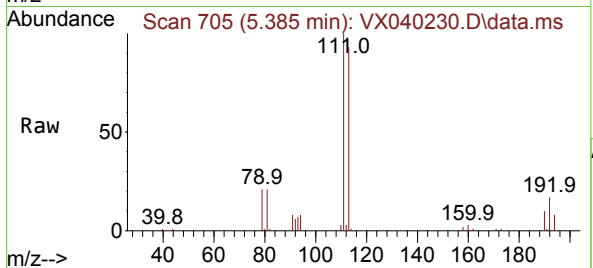
88 14.7 0.0 36.6



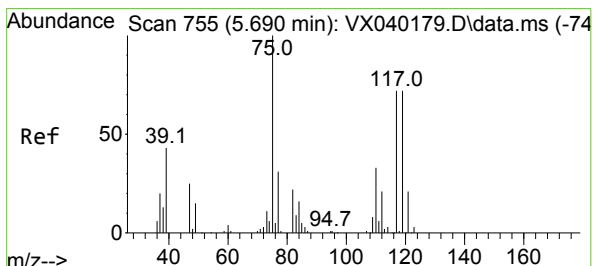
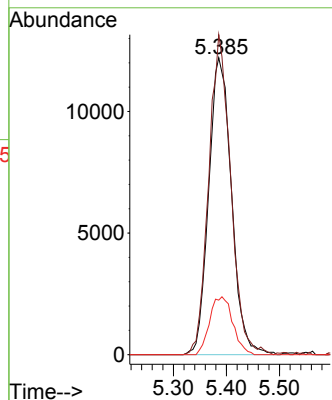
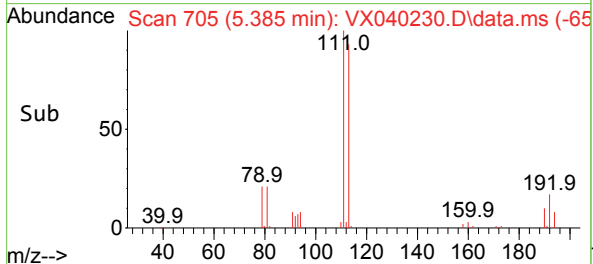


#35
Dibromofluoromethane
Concen: 45.377 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

Instrument :
MSVOA_X
ClientSampleId :

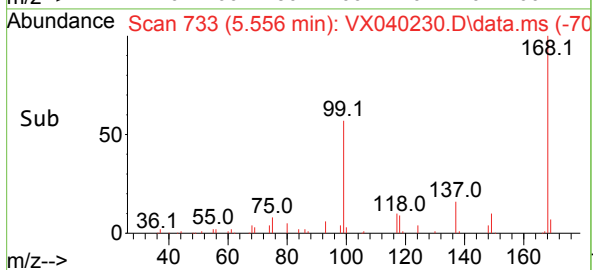
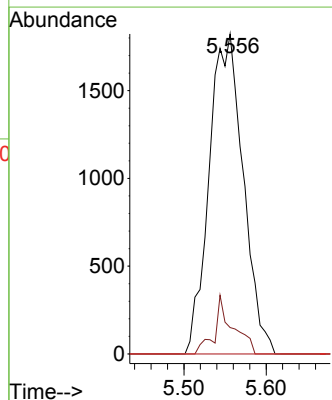
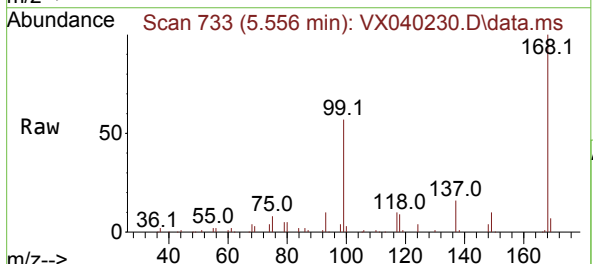


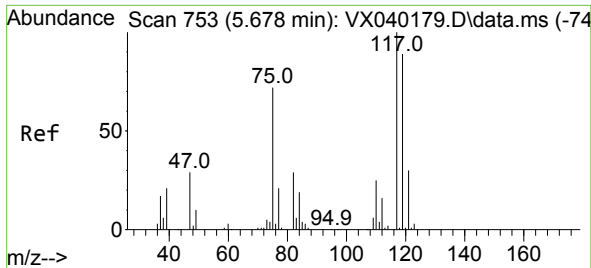
Tgt Ion:113 Resp: 36475
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.654 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

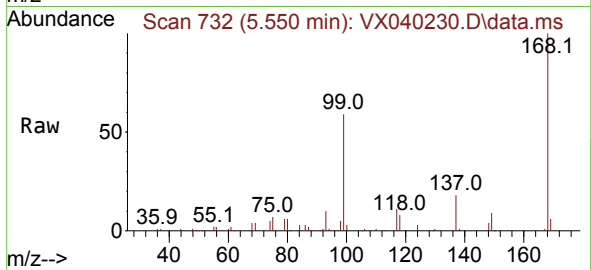
Tgt Ion: 75 Resp: 5240
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



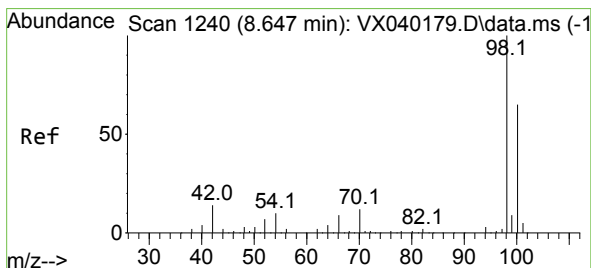
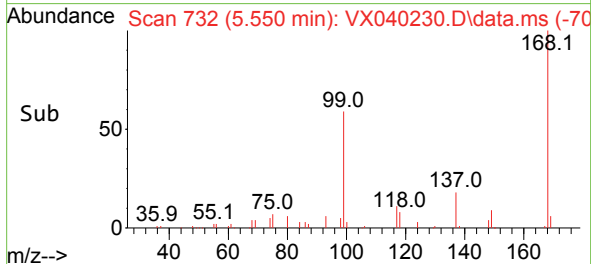
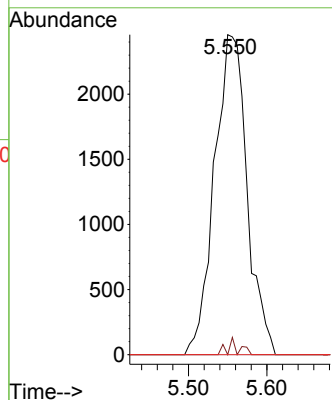


#38
Carbon Tetrachloride
Concen: 6.628 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

Instrument :
MSVOA_X
ClientSampleId :

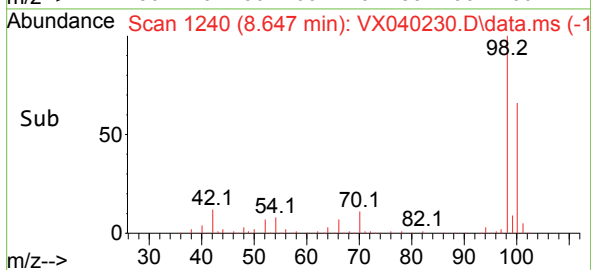
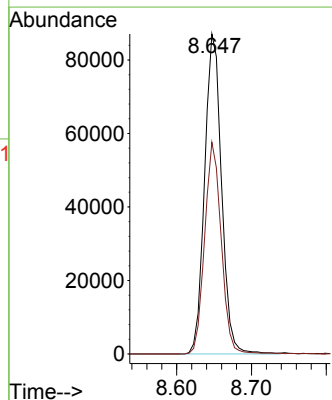
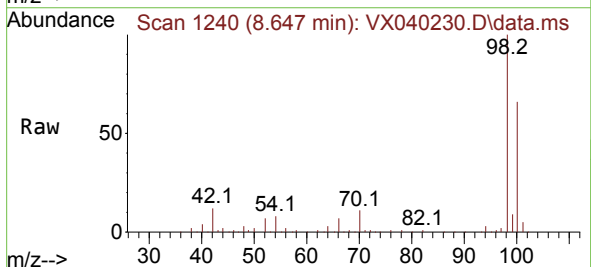


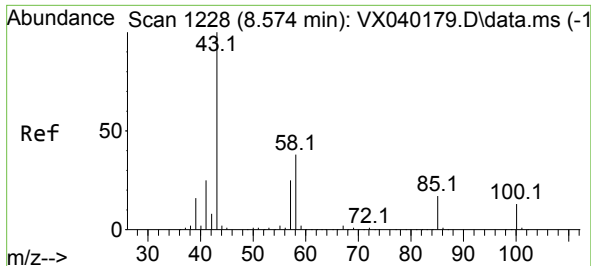
Tgt Ion:117 Resp: 7096
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

Tgt Ion: 98 Resp: 137131
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

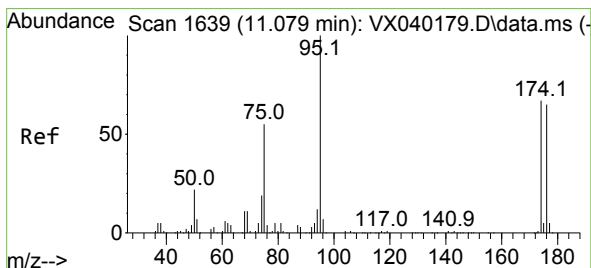
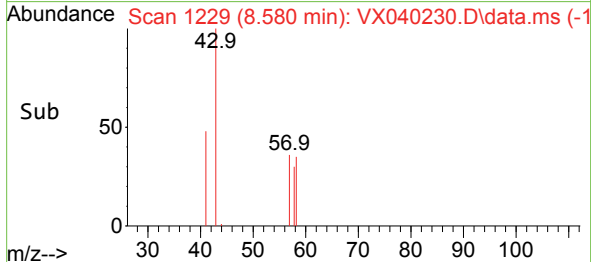
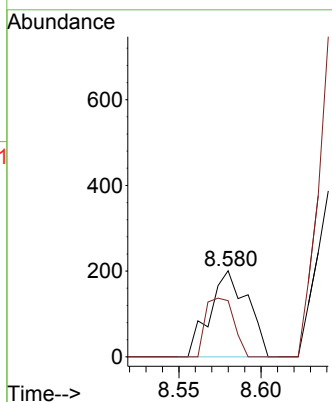
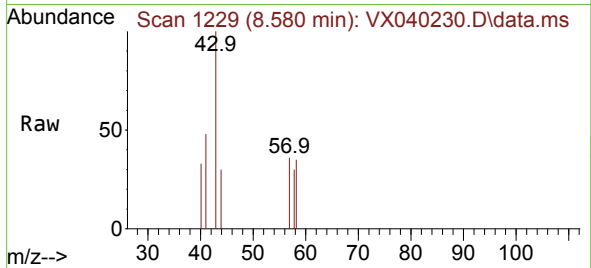




#51
4-Methyl-2-Pentanone
Concen: 0.241 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

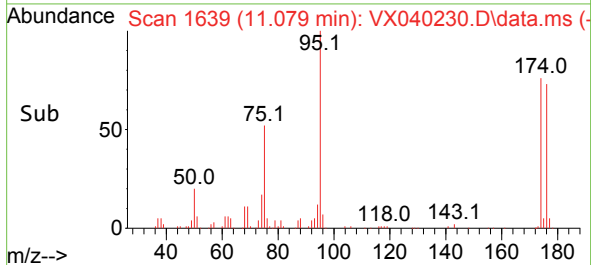
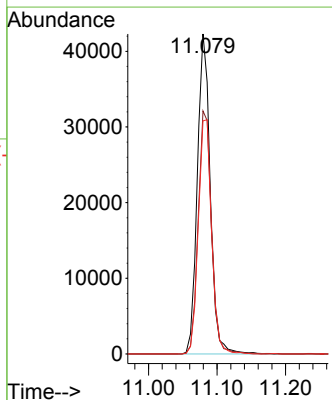
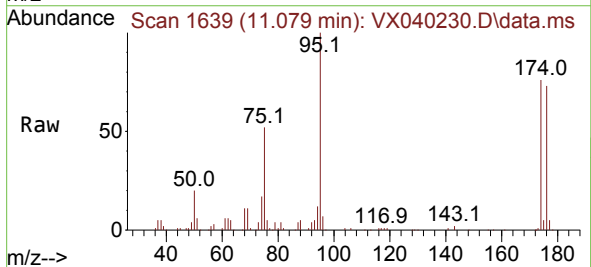
Instrument :
MSVOA_X
ClientSampleId :

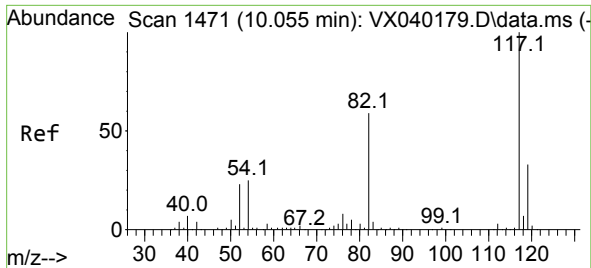
Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
58 50.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

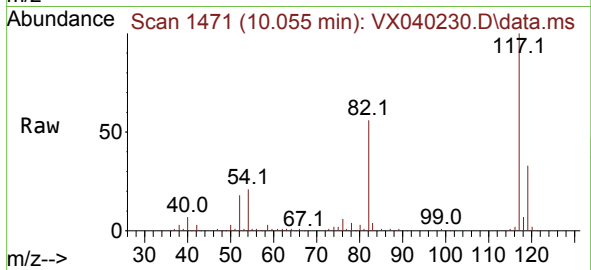
Tgt Ion: 95 Resp: 55446
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 75.6 0.0 131.0



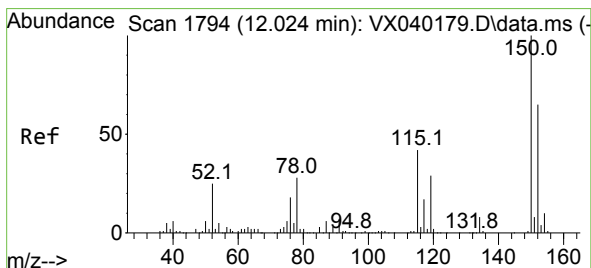
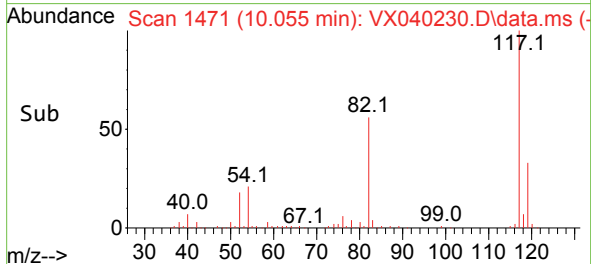
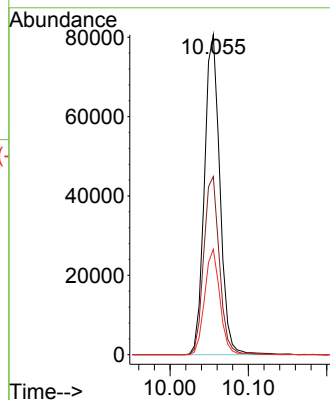


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

Instrument :
MSVOA_X
ClientSampleId :

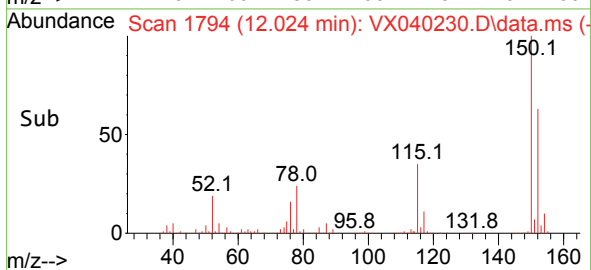
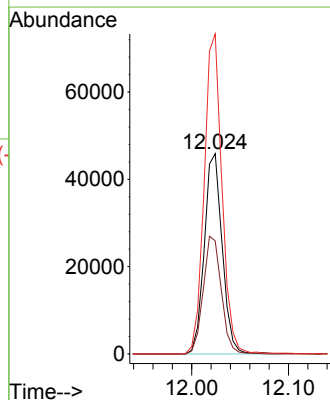
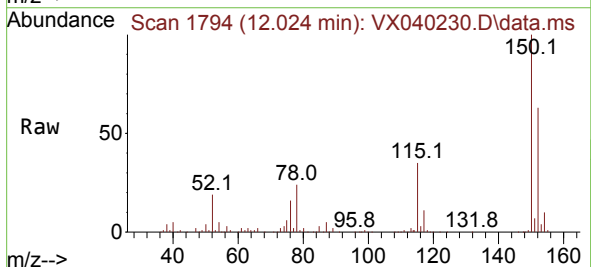


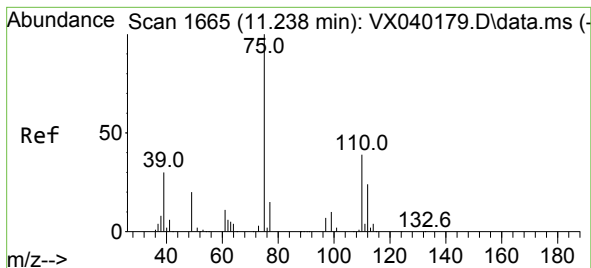
Tgt Ion:117 Resp: 110451
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040230.D
Acq: 14 Feb 2024 18:59

Tgt Ion:152 Resp: 59325
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 158.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.809 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

Instrument :

MSVOA_X

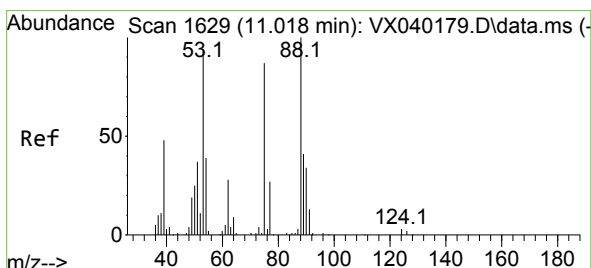
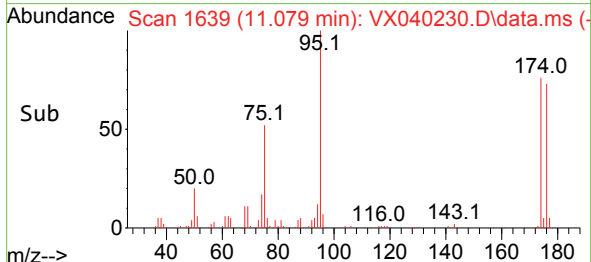
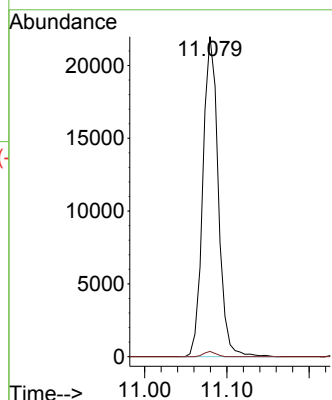
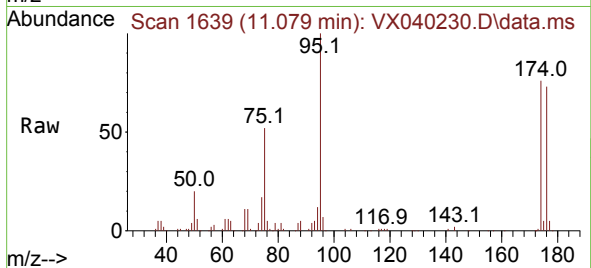
ClientSampleId :

Tgt Ion: 75 Resp: 28603

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.661 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

Tgt Ion: 75 Resp: 28603

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

