

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039206.D
 Acq On : 14 Dec 2023 14:25
 Operator : JC/MD
 Sample : 05829-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 03:00:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

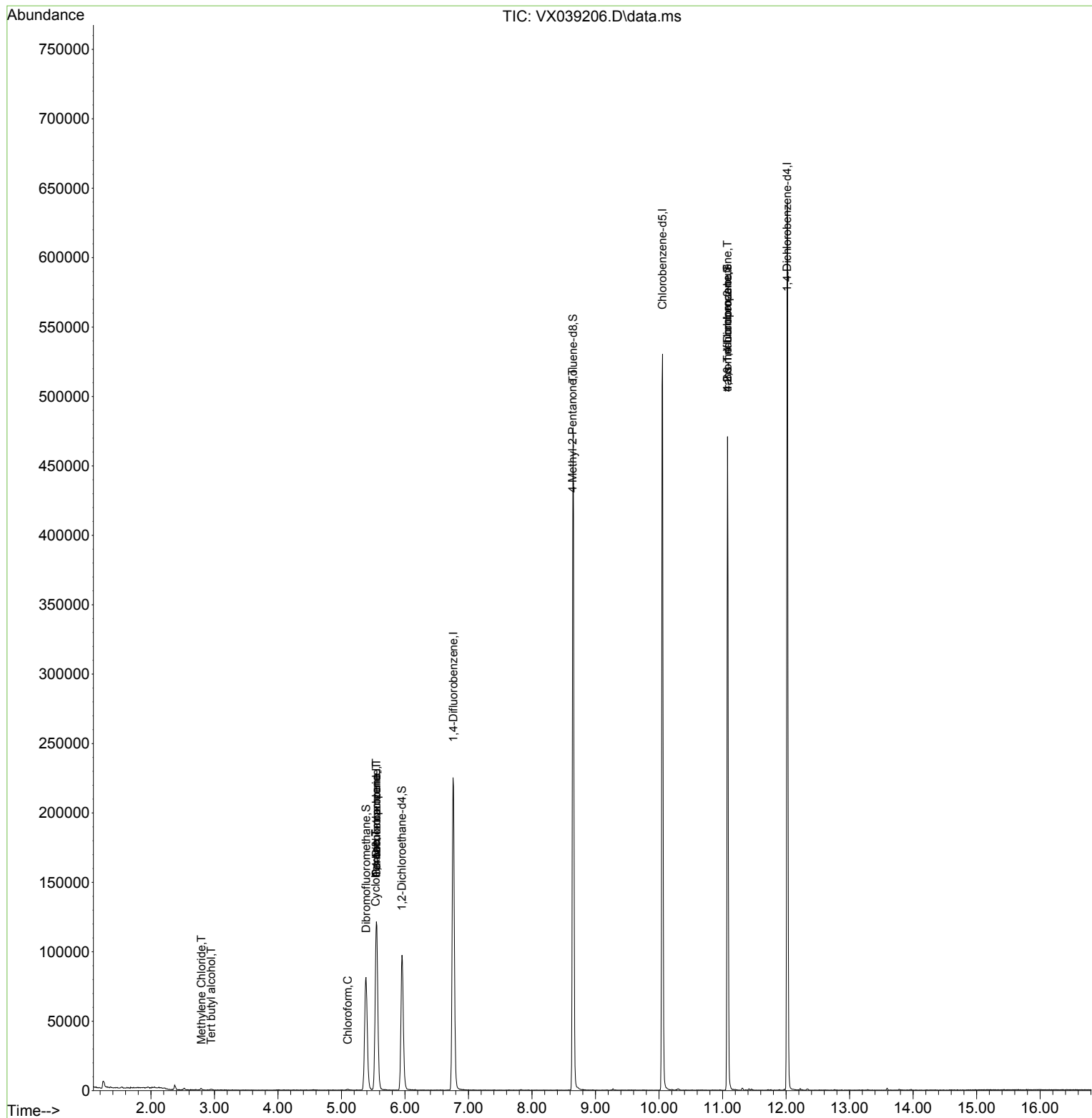
Internal Standards						
1) Pentafluorobenzene	5.550	168	105893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94411	48.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.385	113	71481	47.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	8.647	98	274686	49.416	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	127958	55.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	930	1.909	ug/l #	78
16) Acetone	2.374	43	3351	Below Cal	#	85
20) Methylene Chloride	2.794	84	486	0.301	ug/l #	86
30) Chloroform	5.099	83	772	0.272	ug/l #	63
31) Cyclohexane	5.538	56	2899	1.157	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	10416	4.408	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12103	5.368	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1451	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71126	23.342	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71126	65.847	ug/l #	5

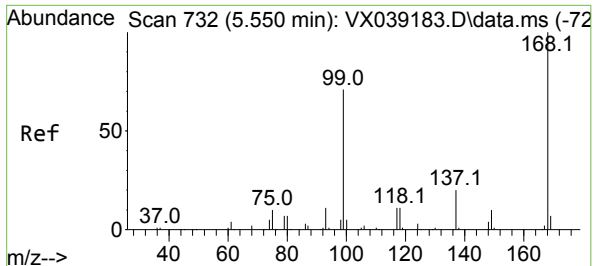
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
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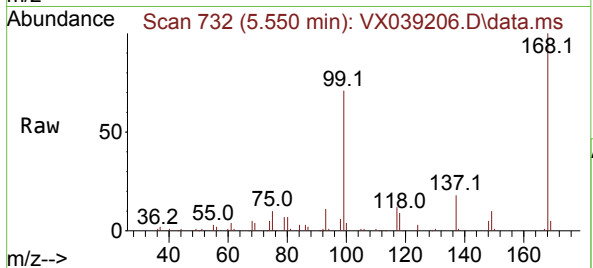
Quant Time: Dec 15 03:00:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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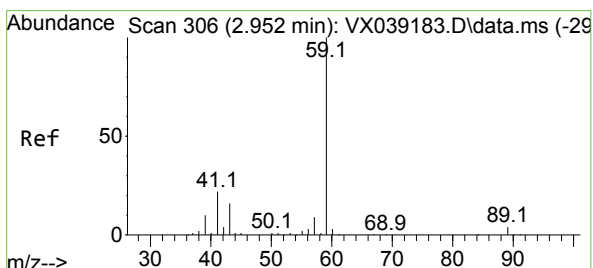
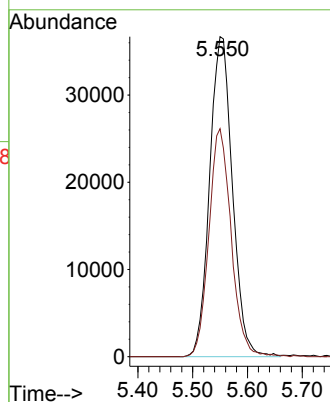
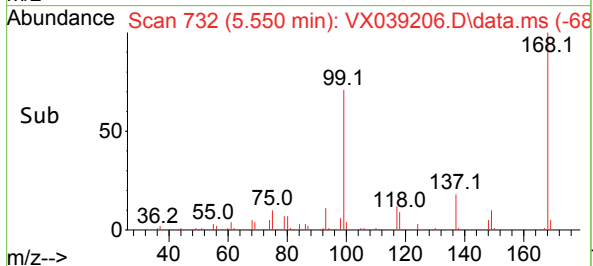


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :

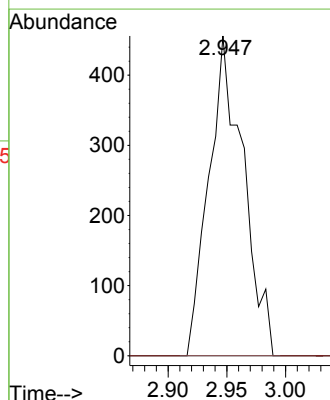
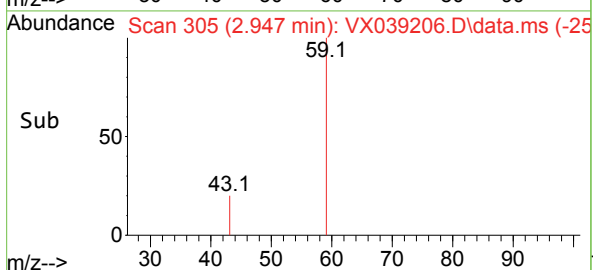
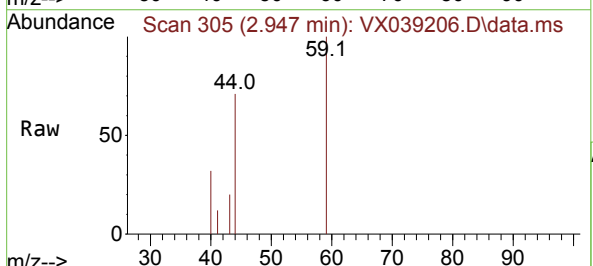


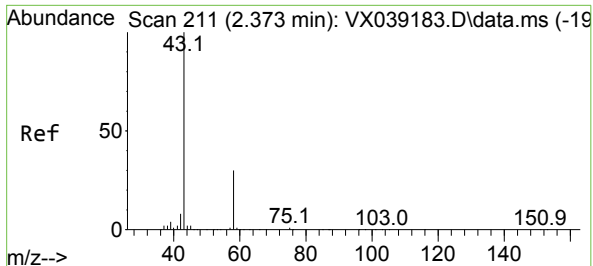
Tgt Ion:168 Resp: 105893
Ion Ratio Lower Upper
168 100
99 71.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.909 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

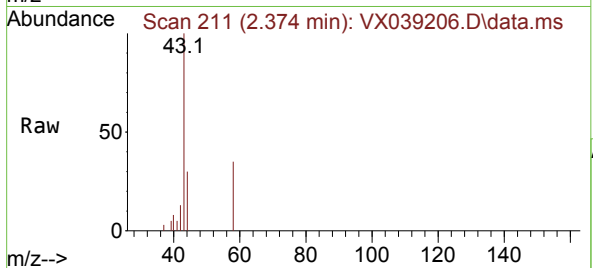
Tgt Ion: 59 Resp: 930
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



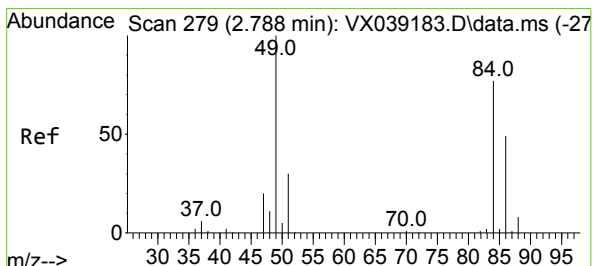
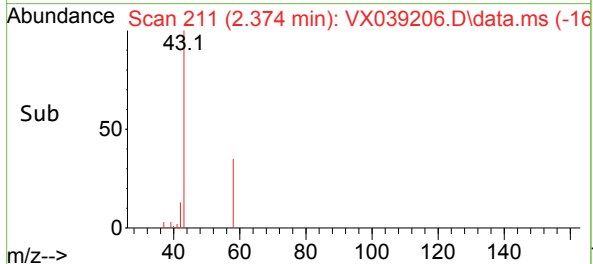
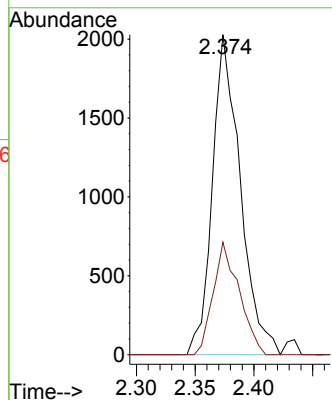


#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :

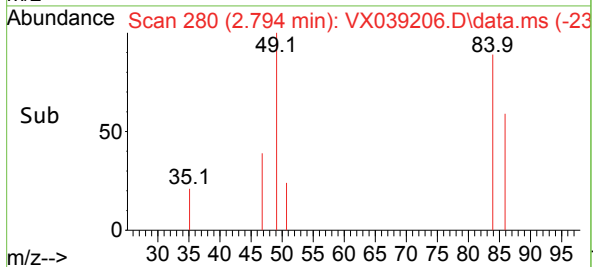
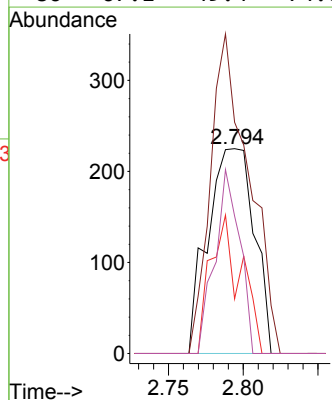
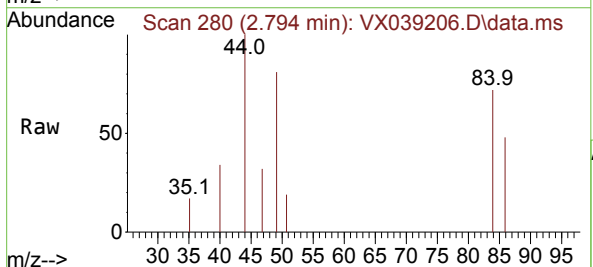


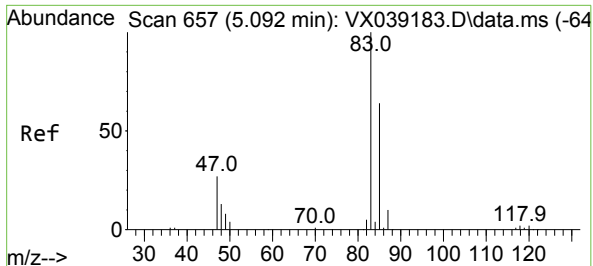
Tgt Ion: 43 Resp: 3351
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Tgt Ion: 84 Resp: 486
Ion Ratio Lower Upper
84 100
49 112.9 103.6 155.4
51 26.7 33.8 50.6#
86 67.1 49.4 74.0





#30

Chloroform

Concen: 0.272 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039206.D

Acq: 14 Dec 2023 14:25

Instrument :

MSVOA_X

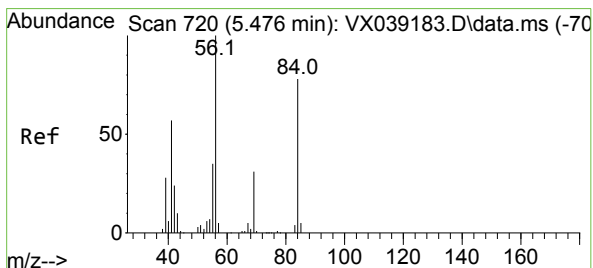
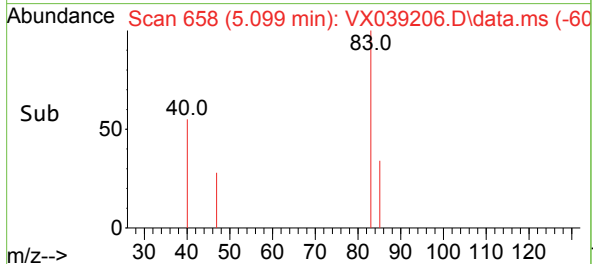
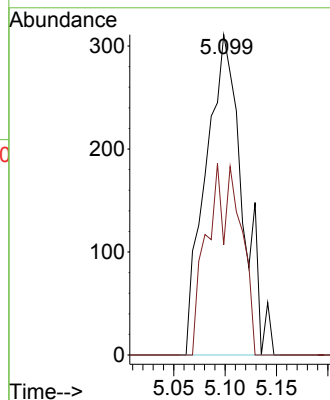
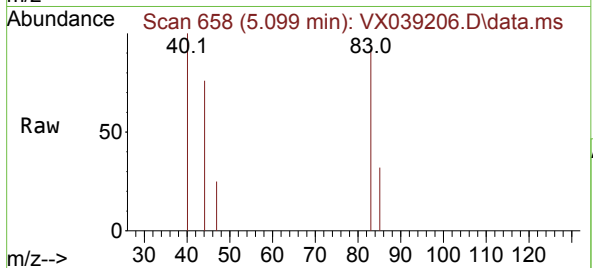
ClientSampleId :

Tgt Ion: 83 Resp: 772

Ion Ratio Lower Upper

83 100

85 34.4 50.3 75.5#



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.061 min

Lab File: VX039206.D

Acq: 14 Dec 2023 14:25

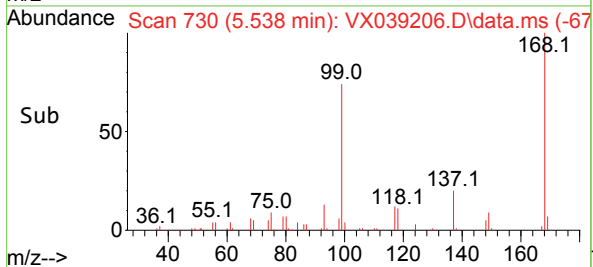
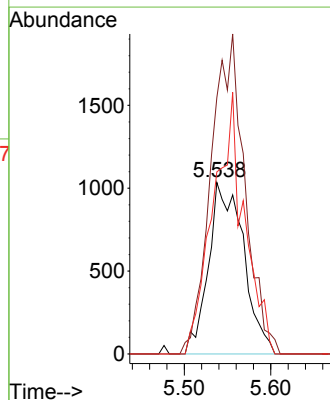
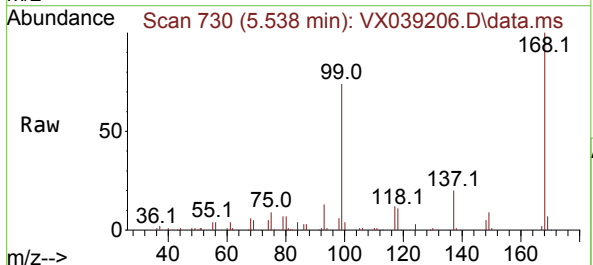
Tgt Ion: 56 Resp: 2899

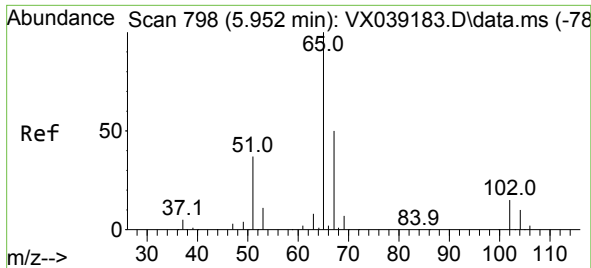
Ion Ratio Lower Upper

56 100

69 149.5 23.4 35.2#

84 106.2 65.9 98.9#

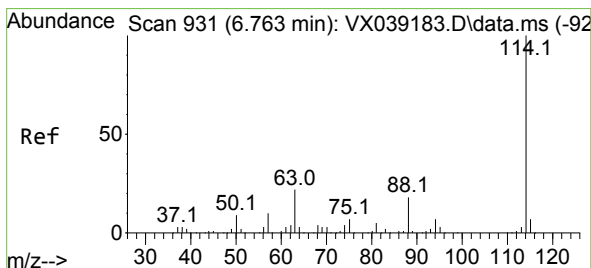
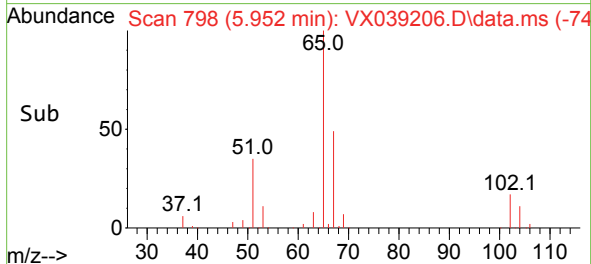
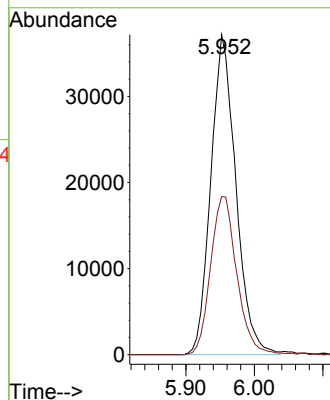
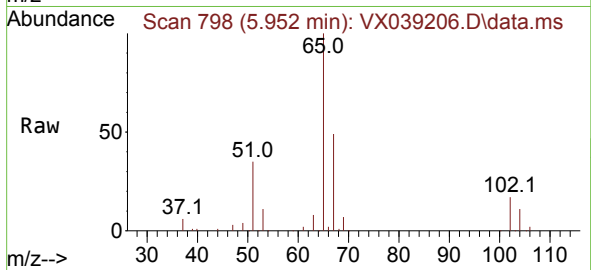




#33
 1,2-Dichloroethane-d4
 Concen: 48.668 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039206.D
 Acq: 14 Dec 2023 14:25

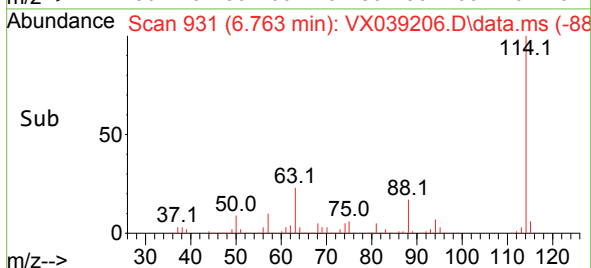
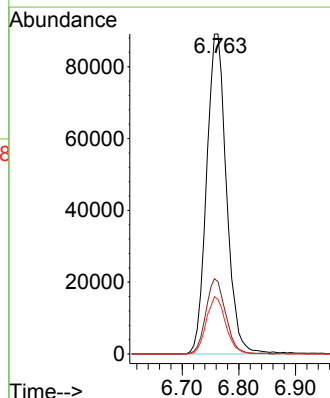
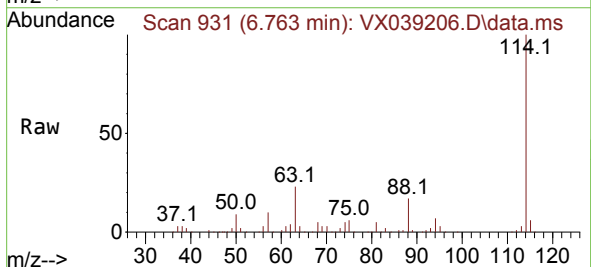
Instrument :
 MSVOA_X
 ClientSampleId :

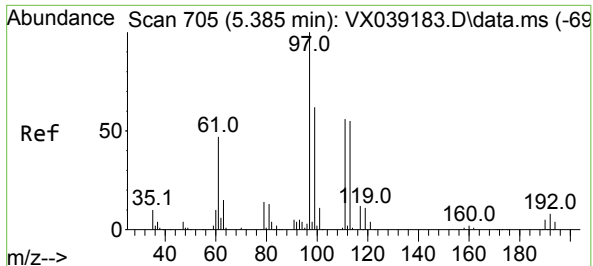
Tgt Ion: 65 Resp: 94411
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039206.D
 Acq: 14 Dec 2023 14:25

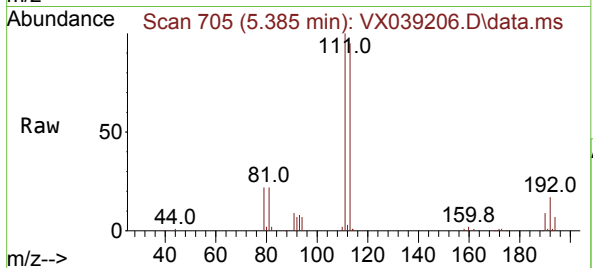
Tgt Ion: 114 Resp: 216727
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 17.0 0.0 36.6



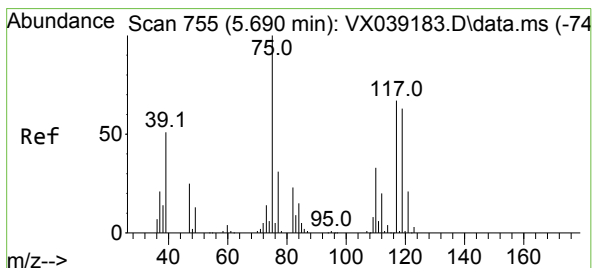
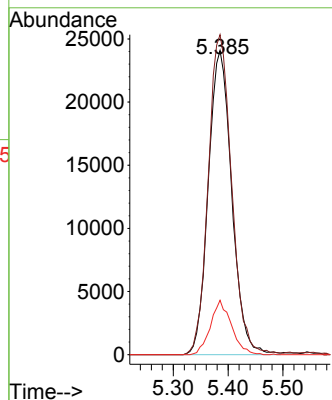
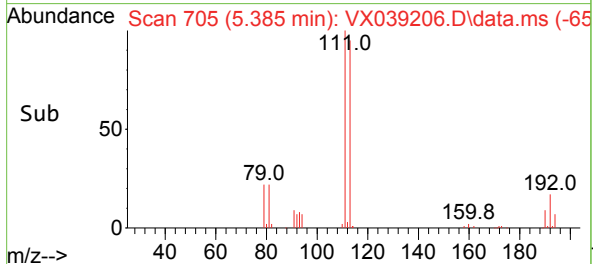


#35
Dibromofluoromethane
Concen: 47.741 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :

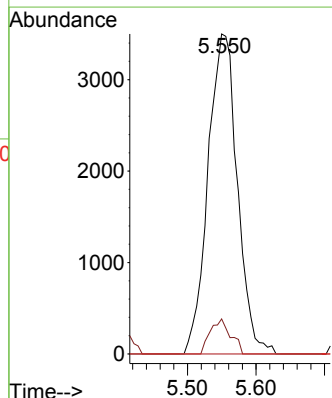
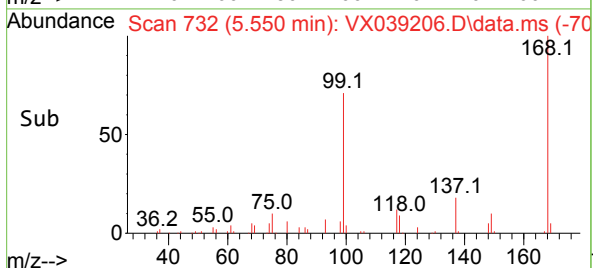
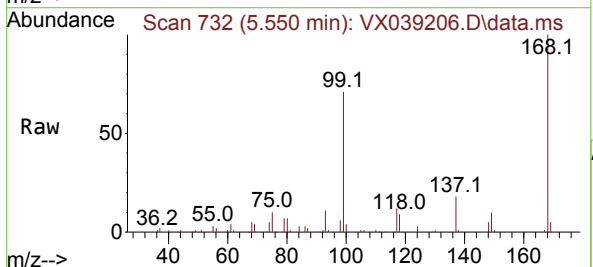


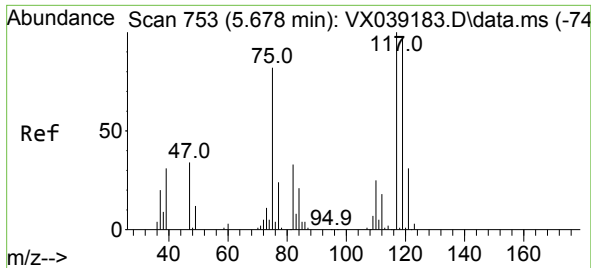
Tgt Ion:113 Resp: 71481
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

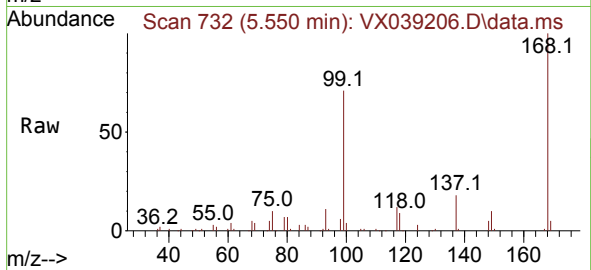
Tgt Ion: 75 Resp: 10416
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#



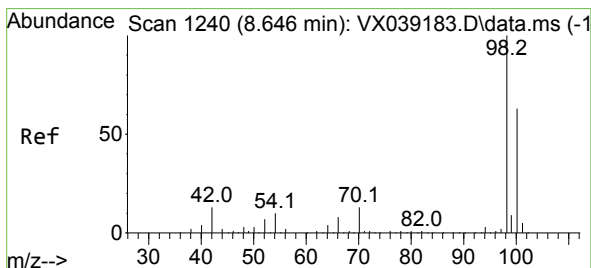
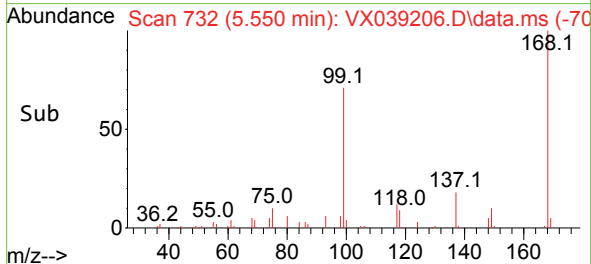
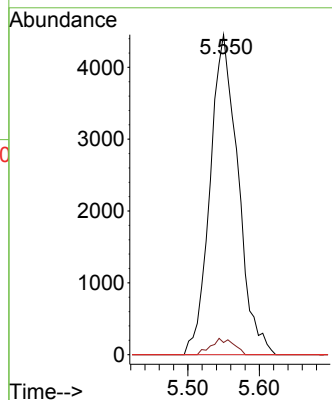


#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :

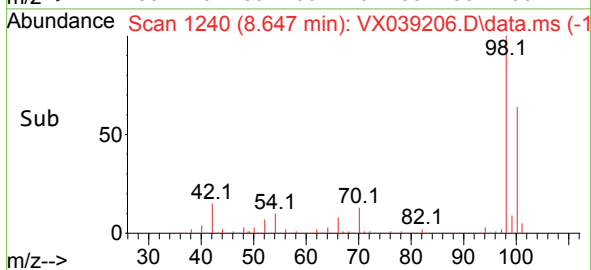
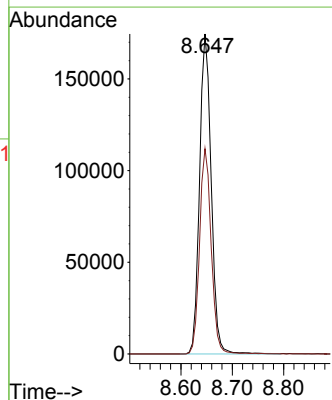
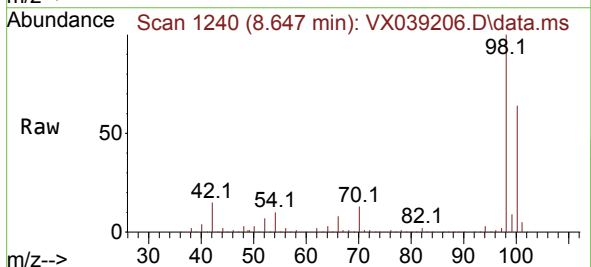


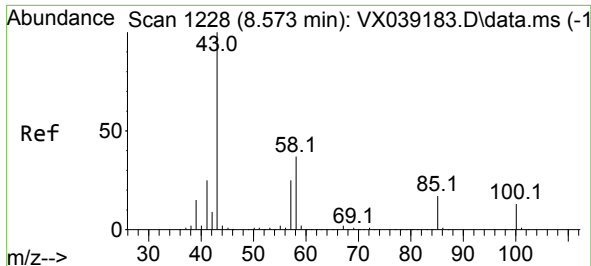
Tgt Ion:117 Resp: 12103
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.416 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Tgt Ion: 98 Resp: 274686
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

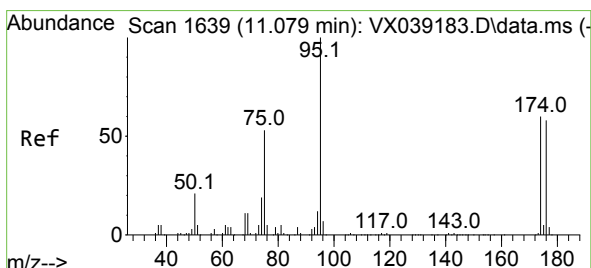
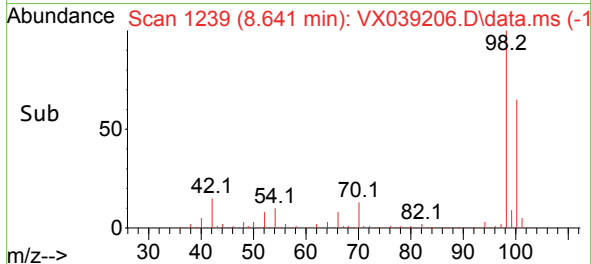
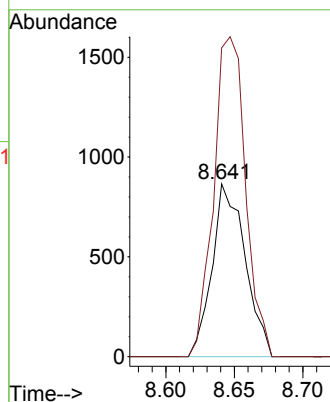
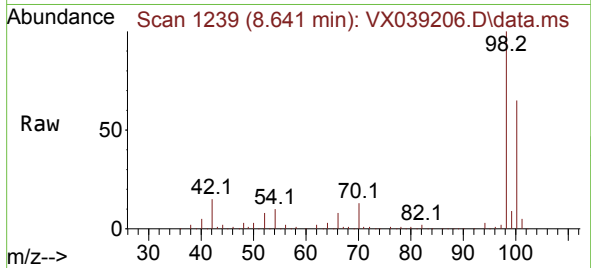




#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

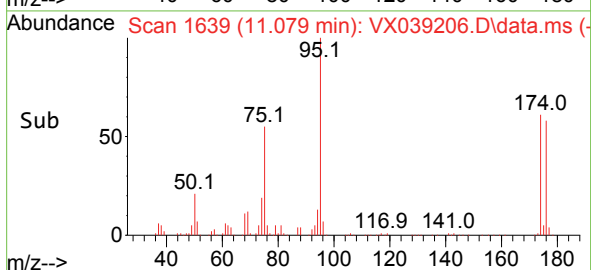
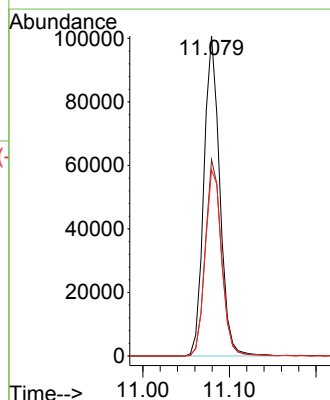
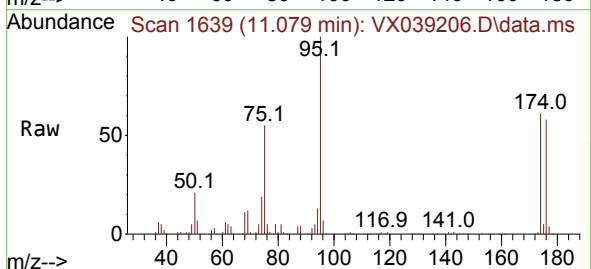
Instrument :
MSVOA_X
ClientSampleId :

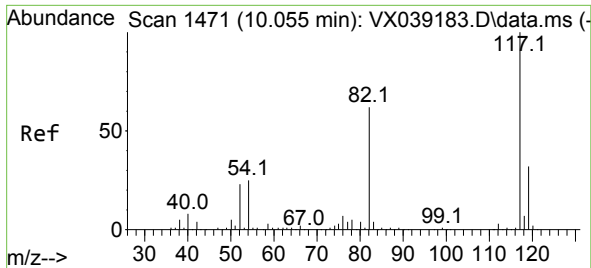
Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
58 179.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 55.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

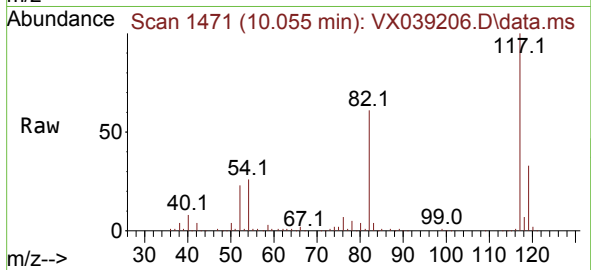
Tgt Ion: 95 Resp: 127958
Ion Ratio Lower Upper
95 100
174 62.5 0.0 135.6
176 60.7 0.0 131.0



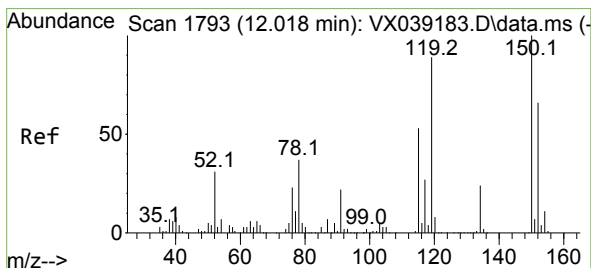
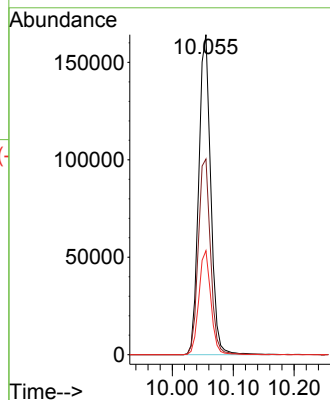
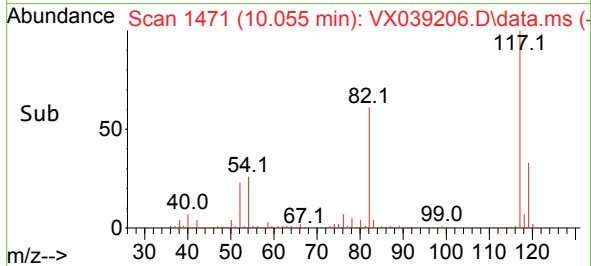


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

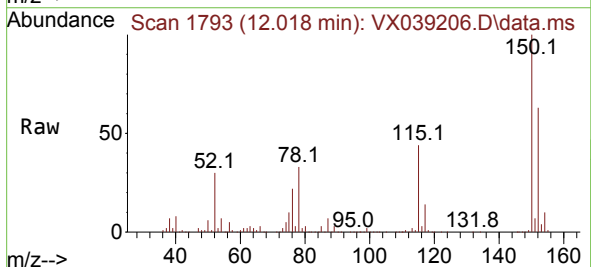
Instrument :
MSVOA_X
ClientSampleId :



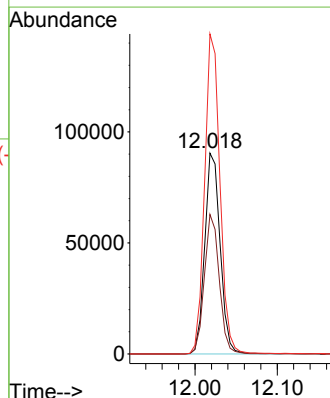
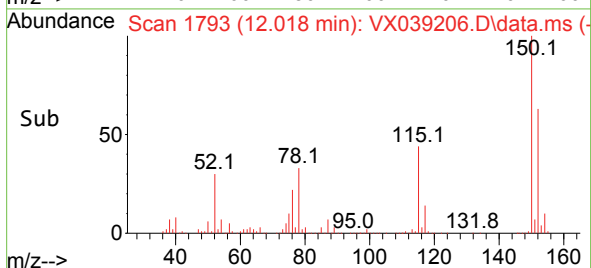
Tgt Ion:117 Resp: 224975
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 32.5 25.5 38.3

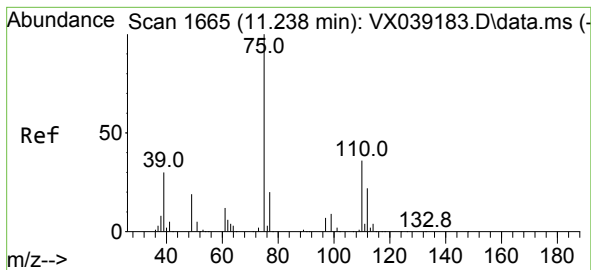


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25



Tgt Ion:152 Resp: 117779
Ion Ratio Lower Upper
152 100
115 67.3 43.3 129.9
150 158.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.342 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039206.D

Acq: 14 Dec 2023 14:25

Instrument :

MSVOA_X

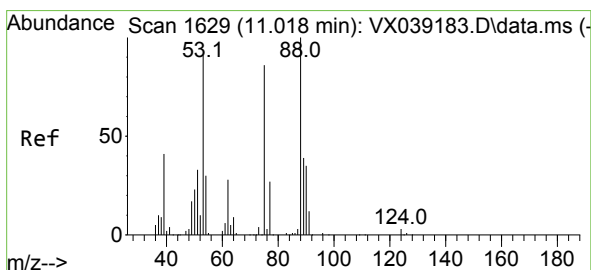
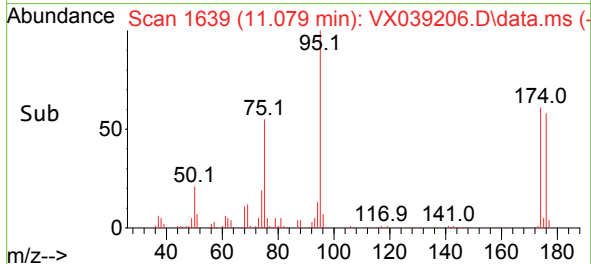
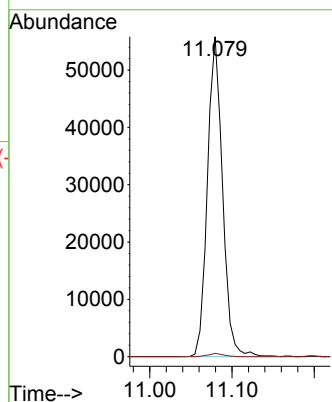
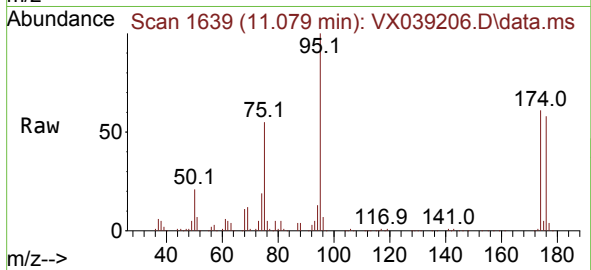
ClientSampleId :

Tgt Ion: 75 Resp: 71126

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.847 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039206.D

Acq: 14 Dec 2023 14:25

Tgt Ion: 75 Resp: 71126

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

