

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039629.D
 Acq On : 04 Jan 2024 18:35
 Operator : JC/MD
 Sample : P1038-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 00:45:59 2024
 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)

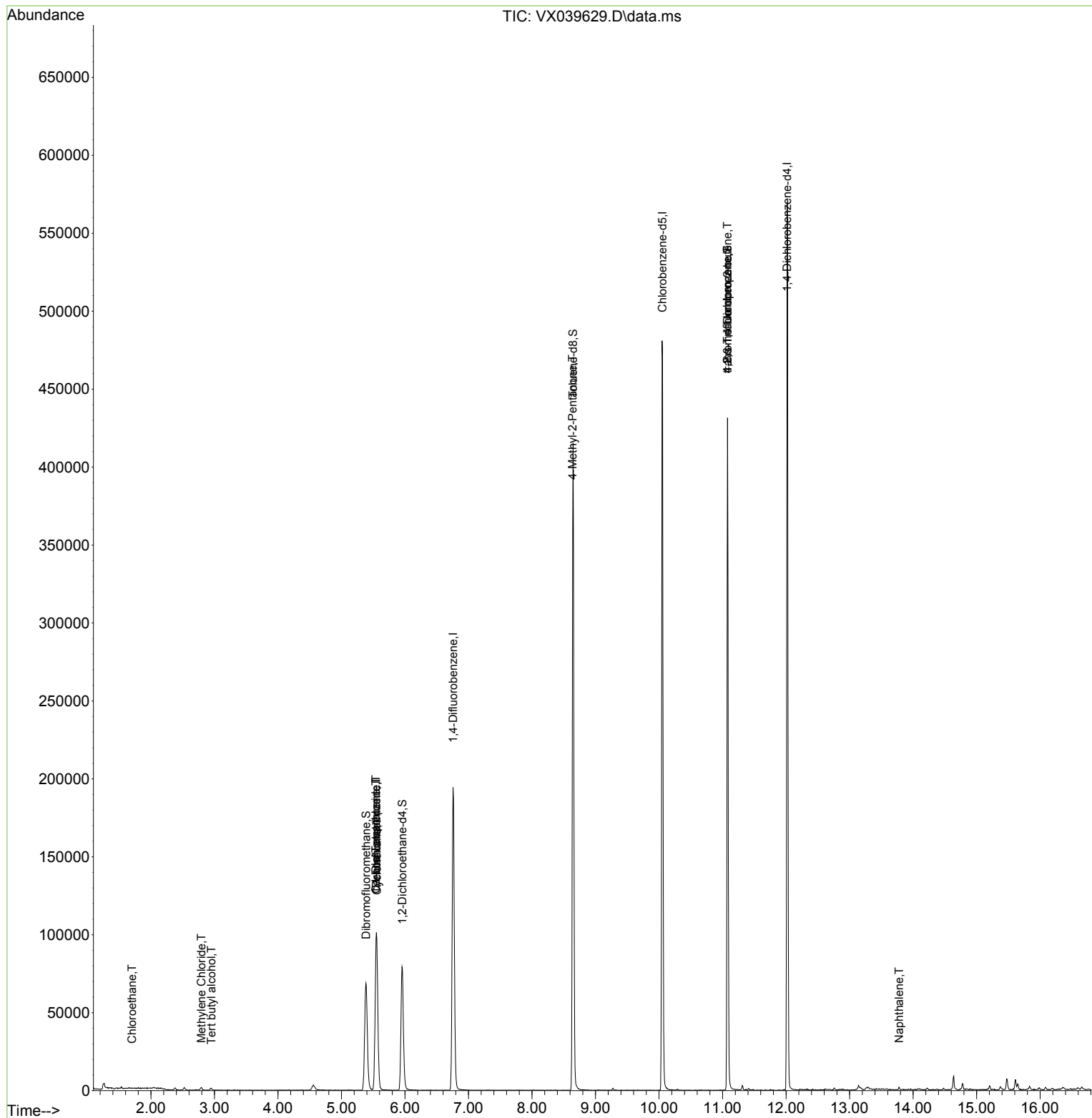
Internal Standards						
1) Pentafluorobenzene	5.550	168	89380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76645	46.810	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.385	113	61172	47.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.420%		
50) Toluene-d8	8.647	98	242086	50.326	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.660%		
62) 4-Bromofluorobenzene	11.079	95	113628	57.250	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.500%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	161	0.206	ug/l #	43
11) Tert butyl alcohol	2.953	59	966	2.349	ug/l #	78
16) Acetone	2.380	43	1446	Below Cal	#	79
20) Methylene Chloride	2.794	84	817	0.599	ug/l #	86
31) Cyclohexane	5.556	56	2601	1.230	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8553	4.183	ug/l #	50
38) Carbon Tetrachloride	5.544	117	10072	5.162	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1158	0.442	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	63068	23.046	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63068	65.013	ug/l #	5
95) Naphthalene	13.780	128	1690	0.218	ug/l #	90

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

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QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

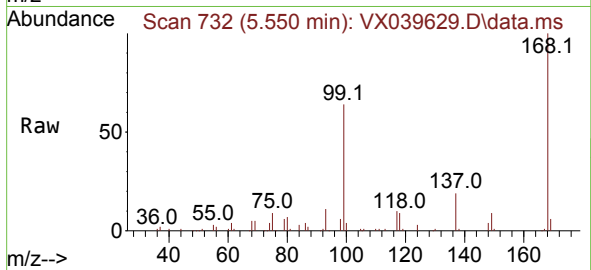
Lab File: VX039629.D

Acq: 04 Jan 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

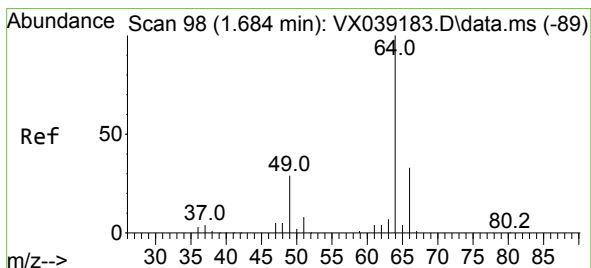
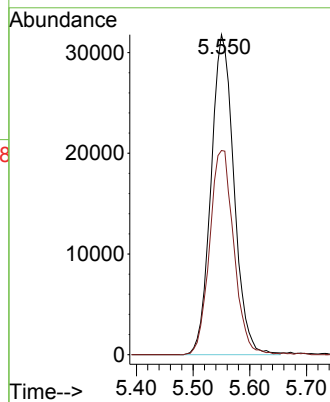
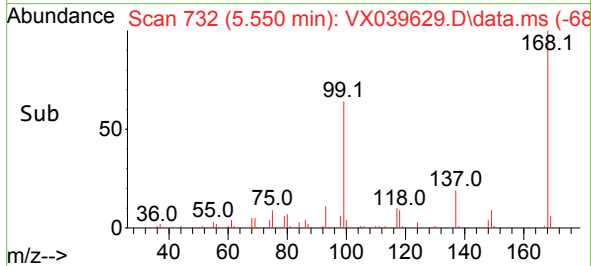


Tgt Ion:168 Resp: 89380

Ion Ratio Lower Upper

168 100

99 63.8 56.6 85.0



#6

Chloroethane

Concen: 0.206 ug/l

RT: 1.703 min Scan# 101

Delta R.T. 0.019 min

Lab File: VX039629.D

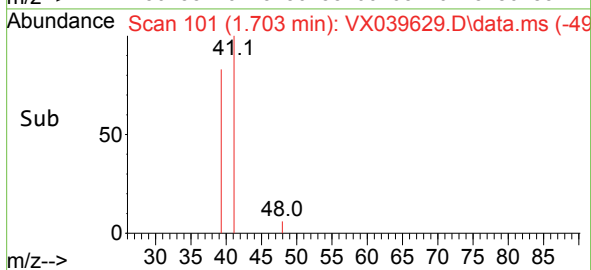
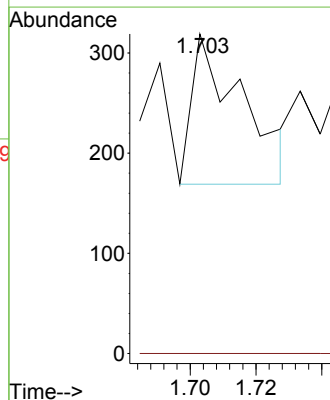
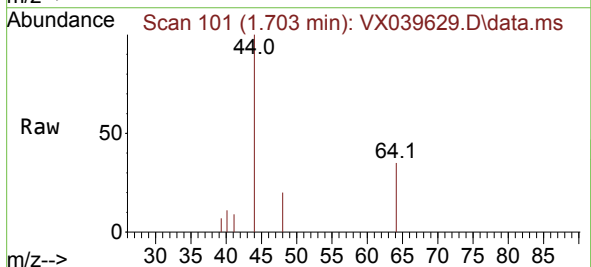
Acq: 04 Jan 2024 18:35

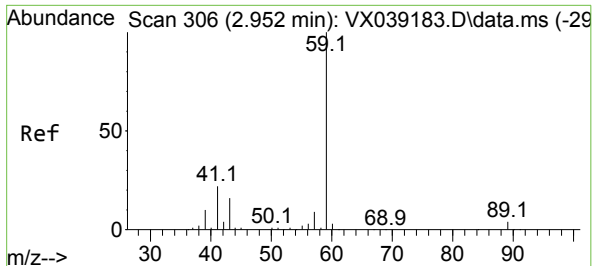
Tgt Ion: 64 Resp: 161

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 2.349 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

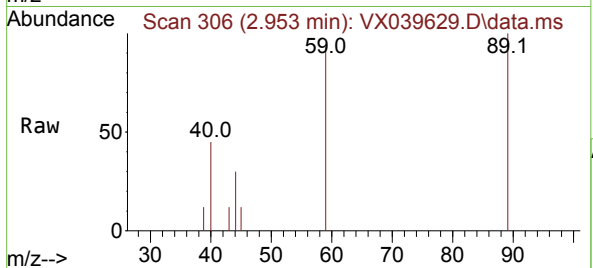
Lab File: VX039629.D

Acq: 04 Jan 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

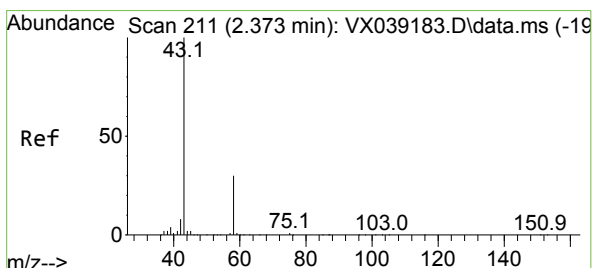
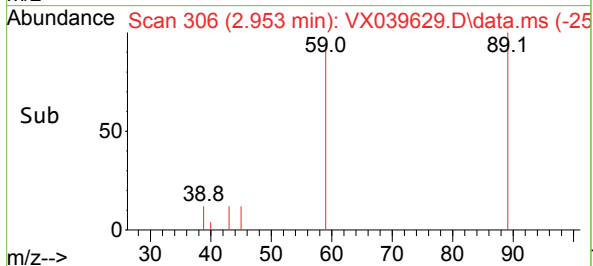
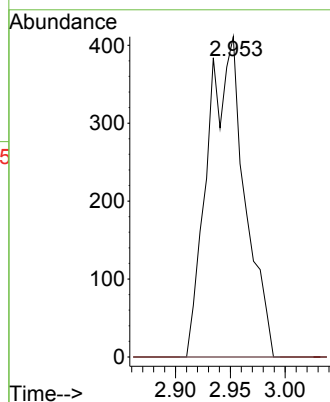


Tgt Ion: 59 Resp: 966

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX039629.D

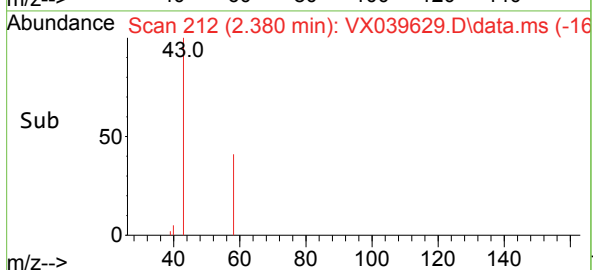
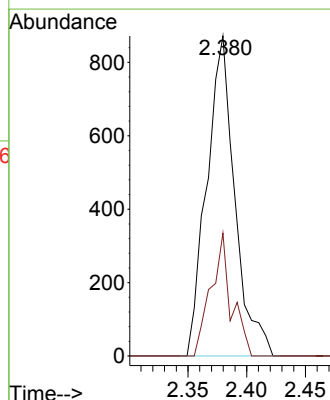
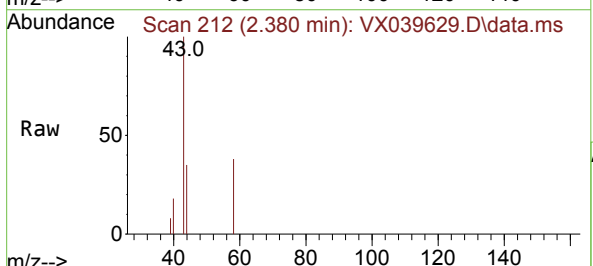
Acq: 04 Jan 2024 18:35

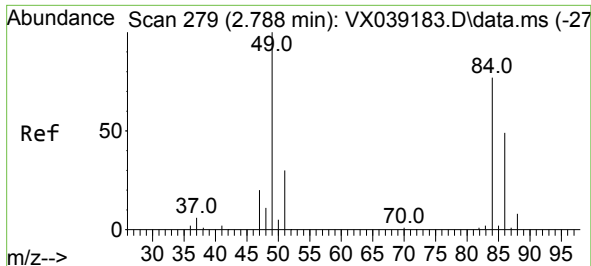
Tgt Ion: 43 Resp: 1446

Ion Ratio Lower Upper

43 100

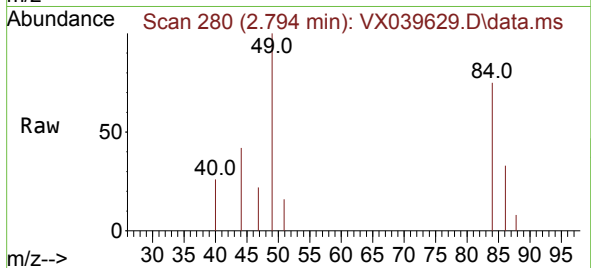
58 38.4 21.9 32.9#





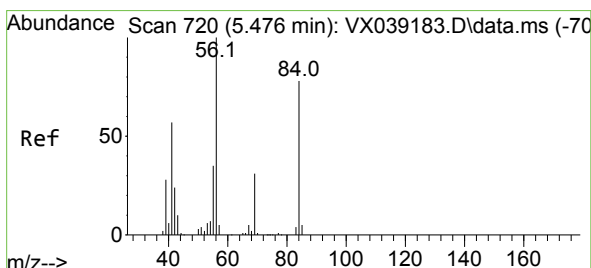
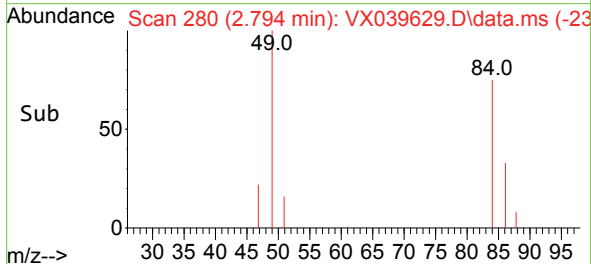
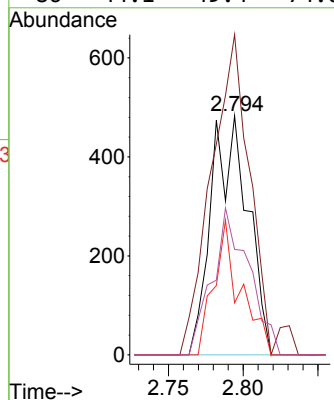
#20
Methylene Chloride
Concen: 0.599 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 817

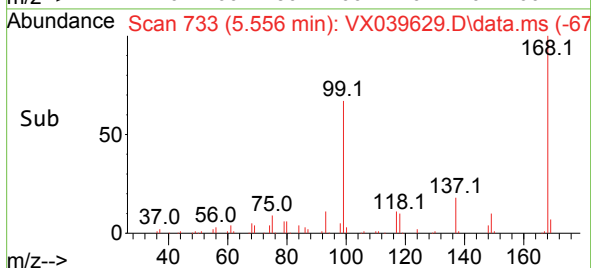
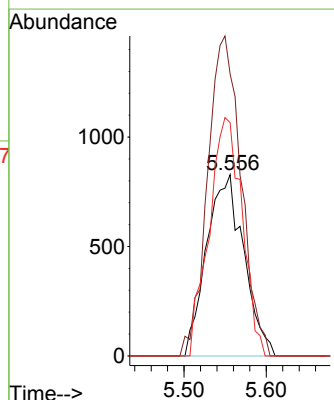
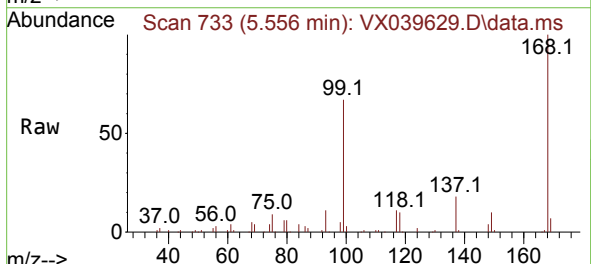
Ion	Ratio	Lower	Upper
84	100		
49	134.0	103.6	155.4
51	21.7	33.8	50.6#
86	44.1	49.4	74.0#

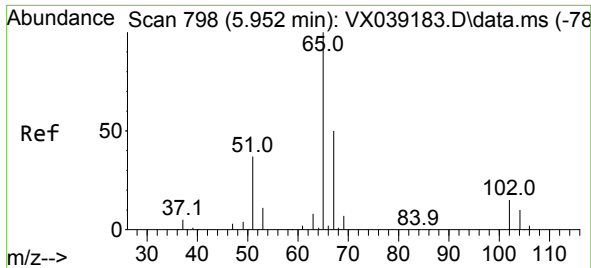


#31
Cyclohexane
Concen: 1.230 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Tgt Ion: 56 Resp: 2601

Ion	Ratio	Lower	Upper
56	100		
69	155.6	23.4	35.2#
84	128.7	65.9	98.9#

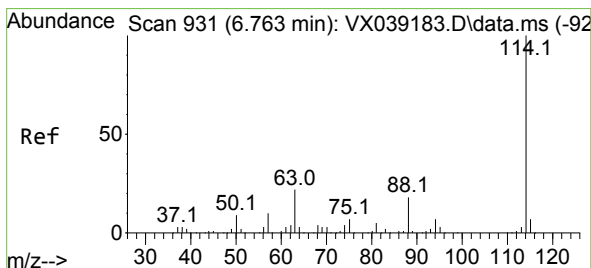
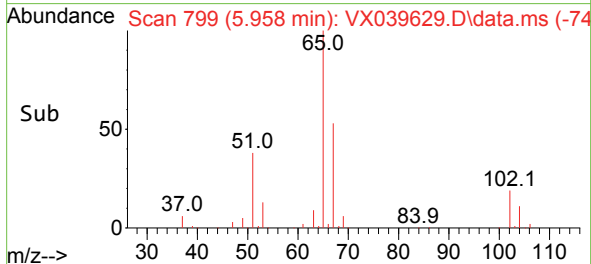
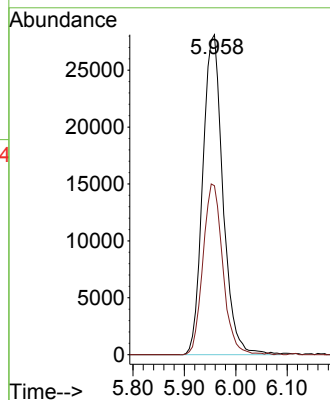
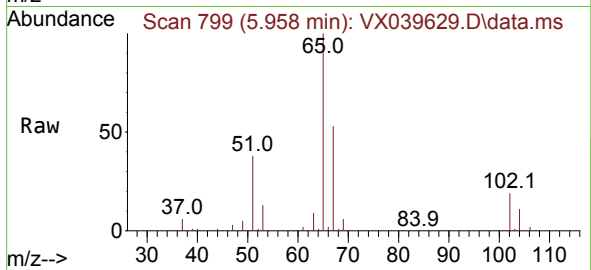




#33
1,2-Dichloroethane-d4
Concen: 46.810 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

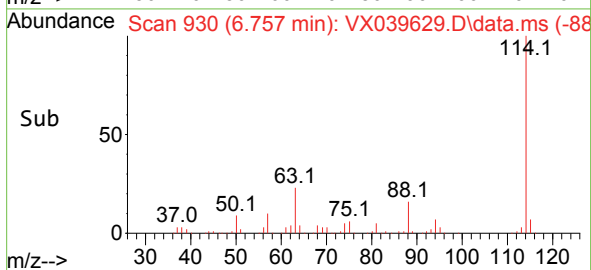
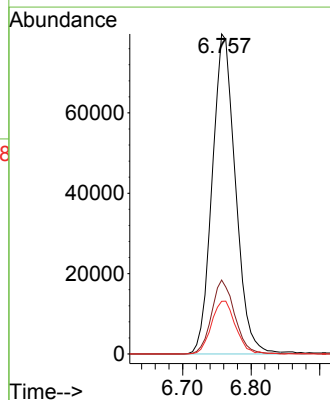
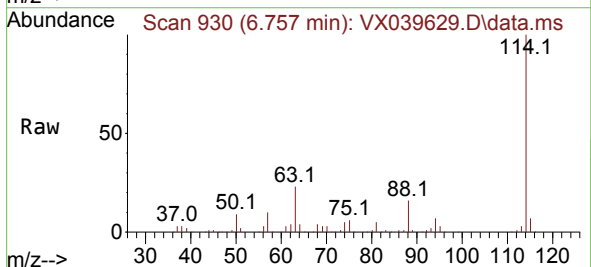
Instrument :
MSVOA_X
ClientSampleId :

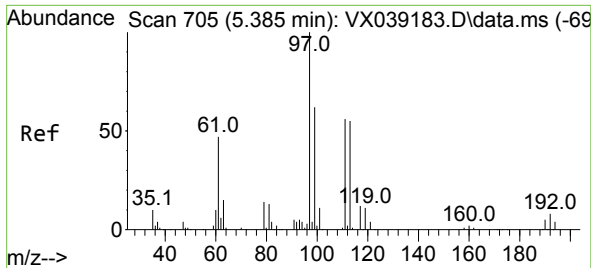
Tgt Ion: 65 Resp: 76645
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Tgt Ion: 114 Resp: 187555
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 16.5 0.0 36.6

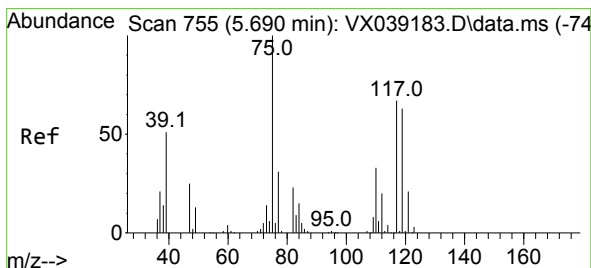
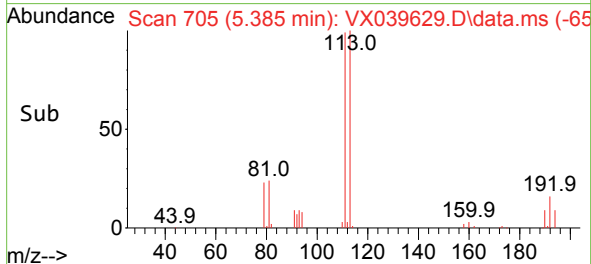
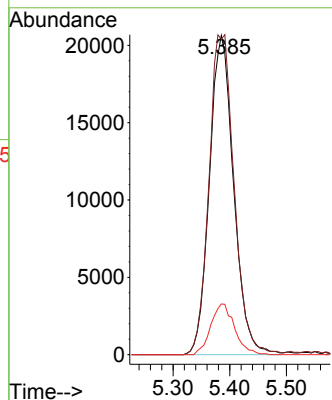
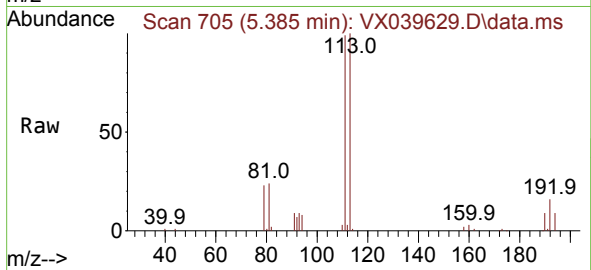




#35
Dibromofluoromethane
Concen: 47.211 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

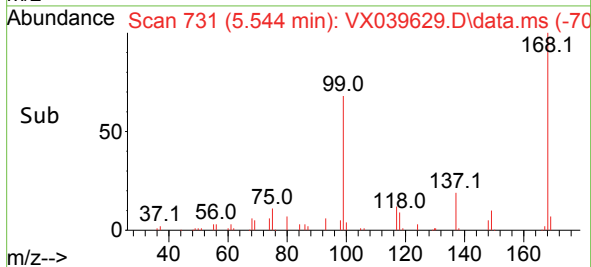
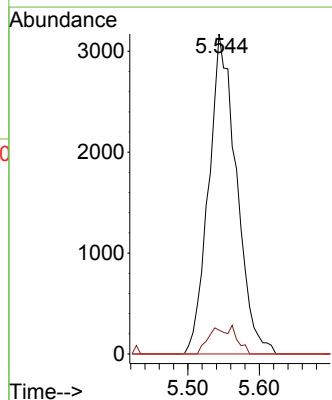
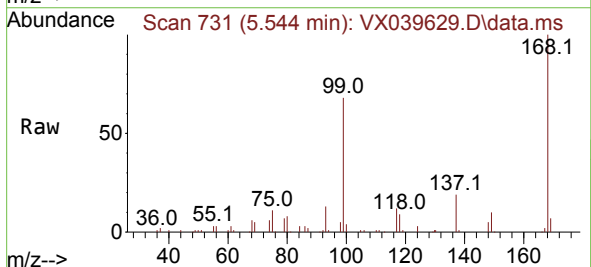
Instrument :
MSVOA_X
ClientSampleId :

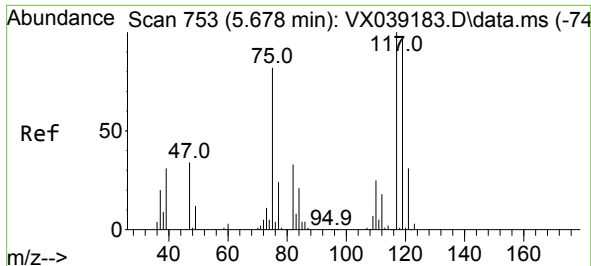
Tgt Ion:113 Resp: 61172
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 15.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.183 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

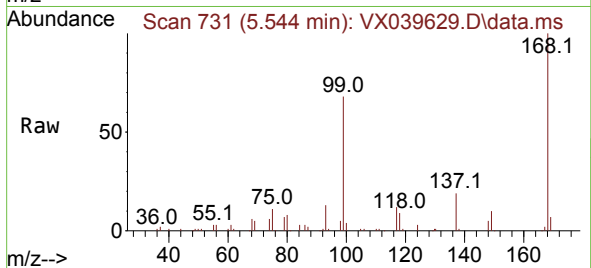
Tgt Ion: 75 Resp: 8553
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



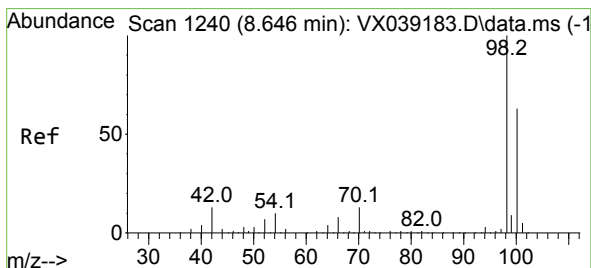
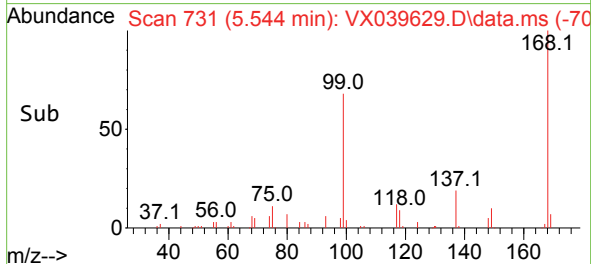
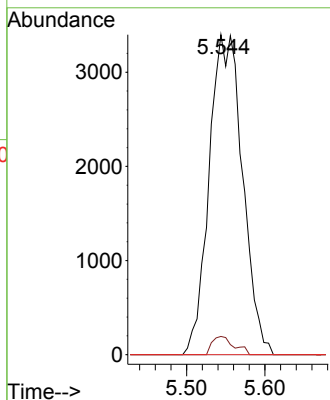


#38
Carbon Tetrachloride
Concen: 5.162 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Instrument :
MSVOA_X
ClientSampleId :

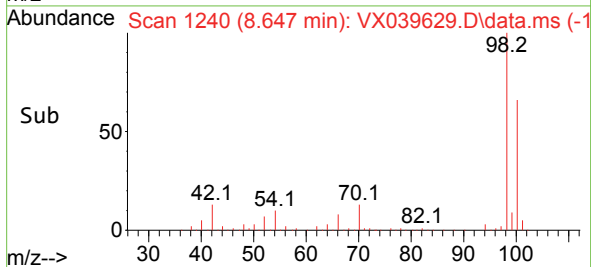
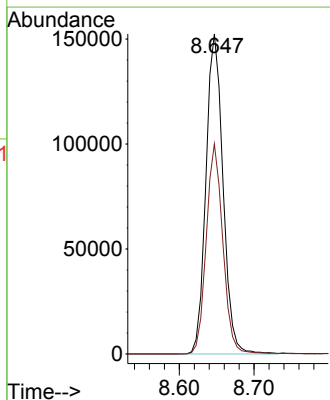
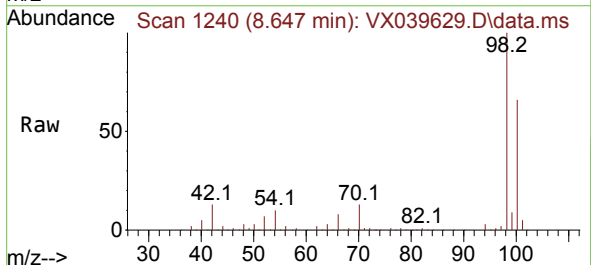


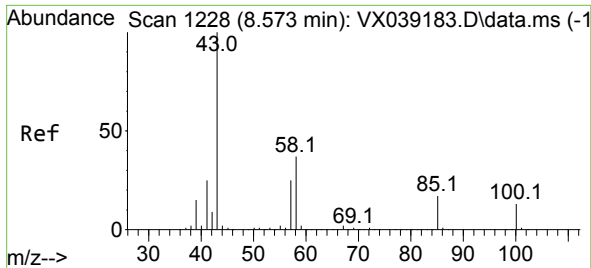
Tgt Ion:117 Resp: 10072
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.326 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Tgt Ion: 98 Resp: 242086
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

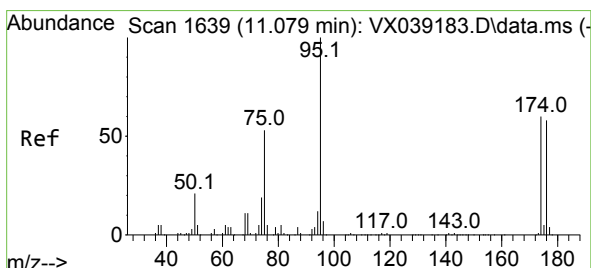
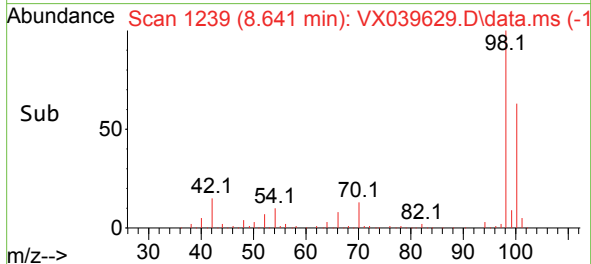
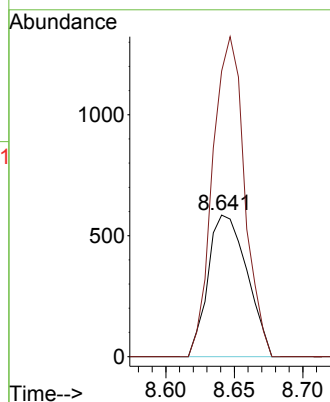
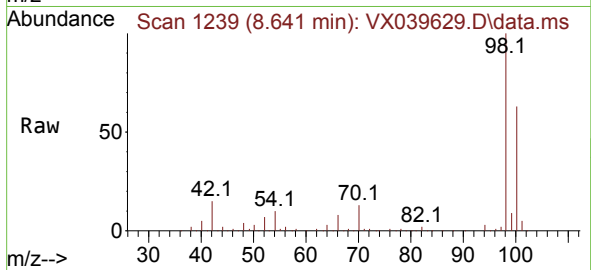




#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 8.641 min Scan# 1158
Delta R.T. 0.067 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

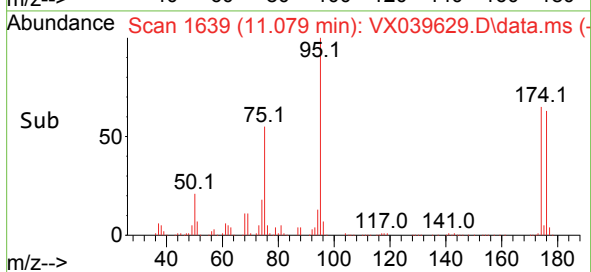
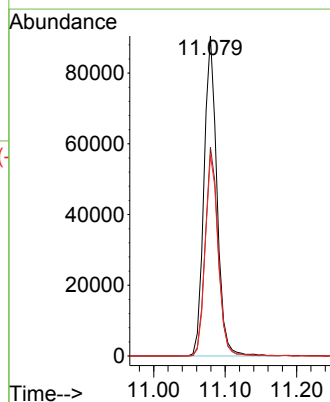
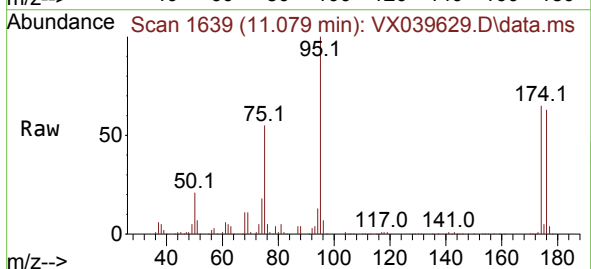
Instrument :
MSVOA_X
ClientSampleId :

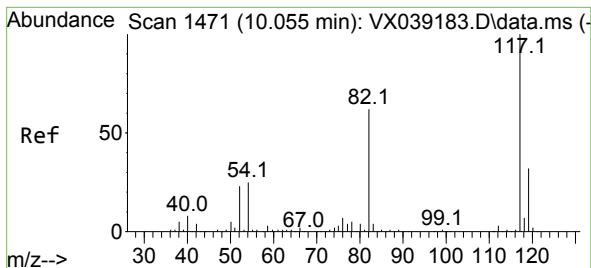
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 185.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 57.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Tgt Ion: 95 Resp: 113628
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.6
176 63.1 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: VX039629.D

Acq: 04 Jan 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

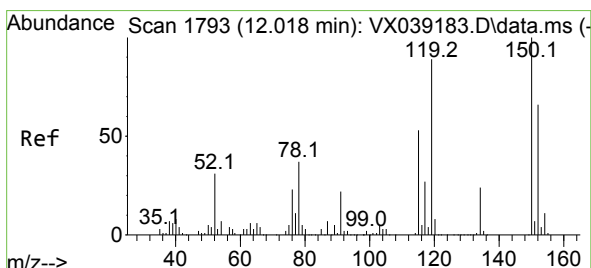
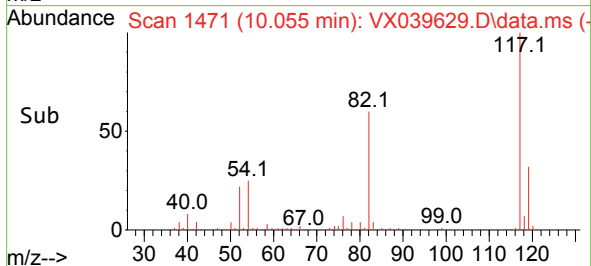
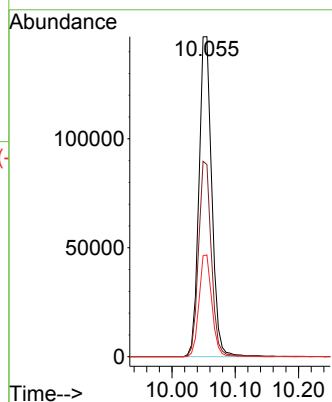
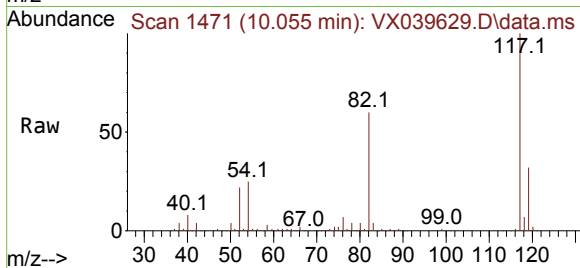
Tgt Ion:117 Resp: 208112

Ion Ratio Lower Upper

117 100

82 60.0 46.2 69.4

119 31.8 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: VX039629.D

Acq: 04 Jan 2024 18:35

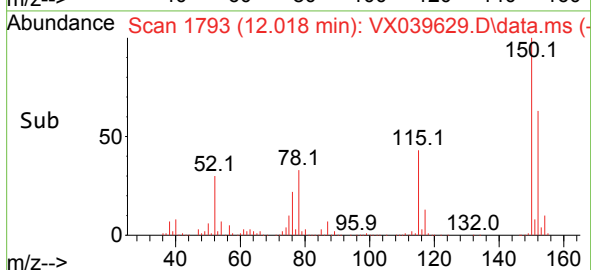
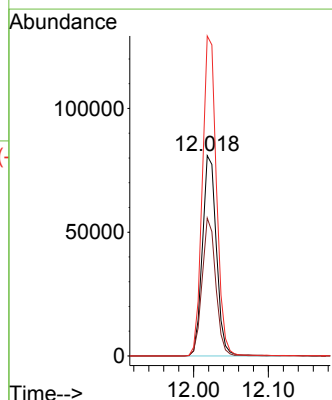
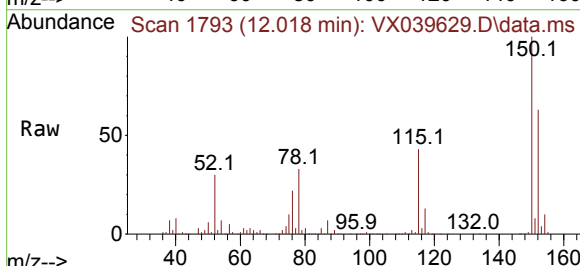
Tgt Ion:152 Resp: 105775

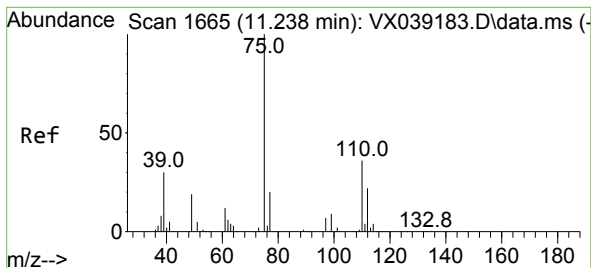
Ion Ratio Lower Upper

152 100

115 66.9 43.3 129.9

150 160.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.046 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039629.D

Acq: 04 Jan 2024 18:35

Instrument :

MSVOA_X

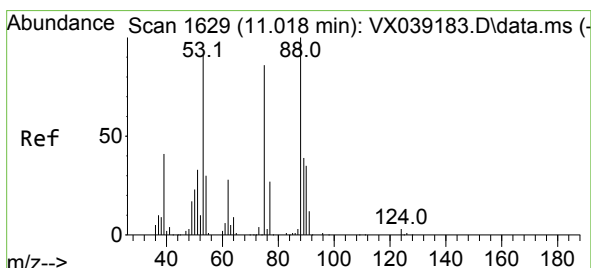
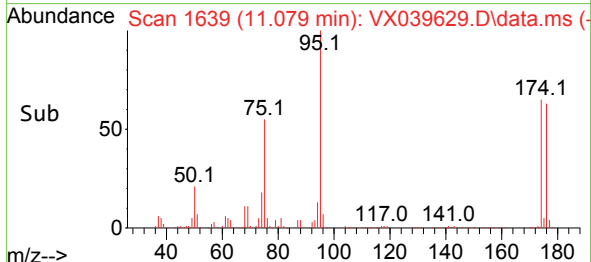
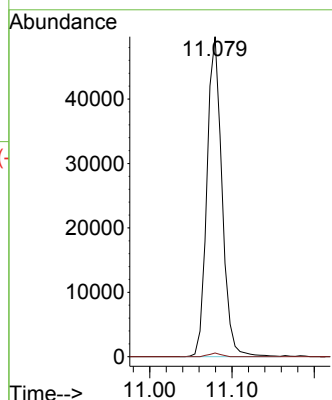
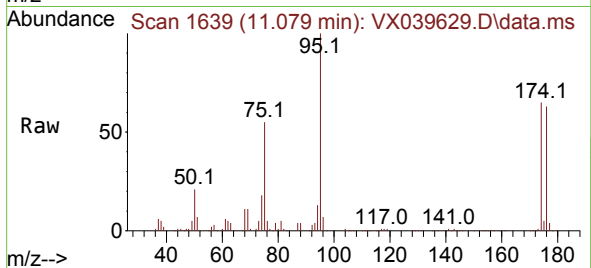
ClientSampleId :

Tgt Ion: 75 Resp: 63068

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.013 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039629.D

Acq: 04 Jan 2024 18:35

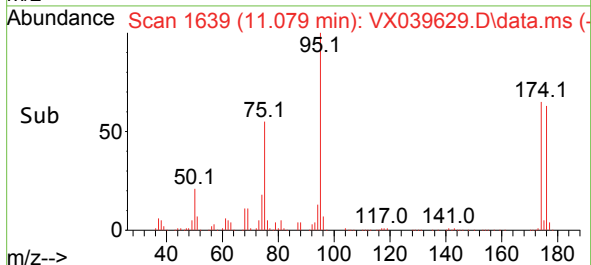
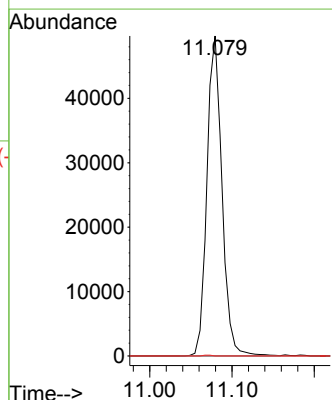
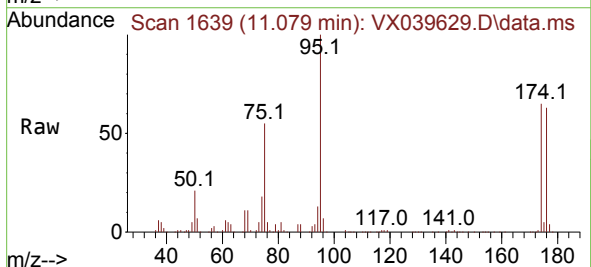
Tgt Ion: 75 Resp: 63068

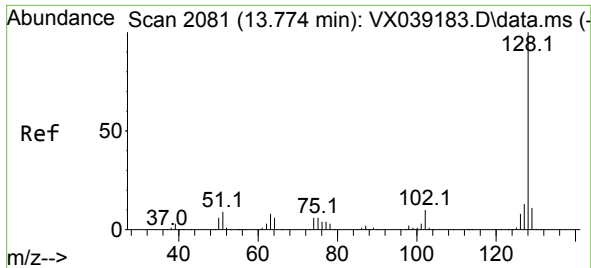
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

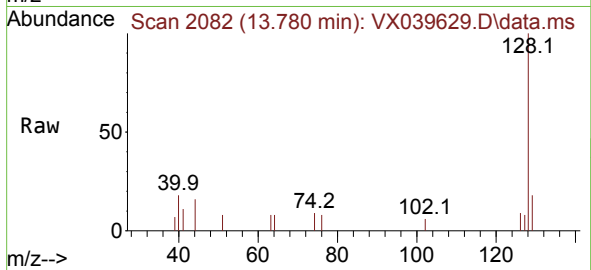
89 0.1 36.9 55.3#





#95
Naphthalene
Concen: 0.218 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1690
Ion Ratio Lower Upper
128 100
127 9.1 10.3 15.5#
129 14.9 8.8 13.2#

