

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039569.D
 Acq On : 02 Jan 2024 14:00
 Operator : JC/MD
 Sample : 06046-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:13:09 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)

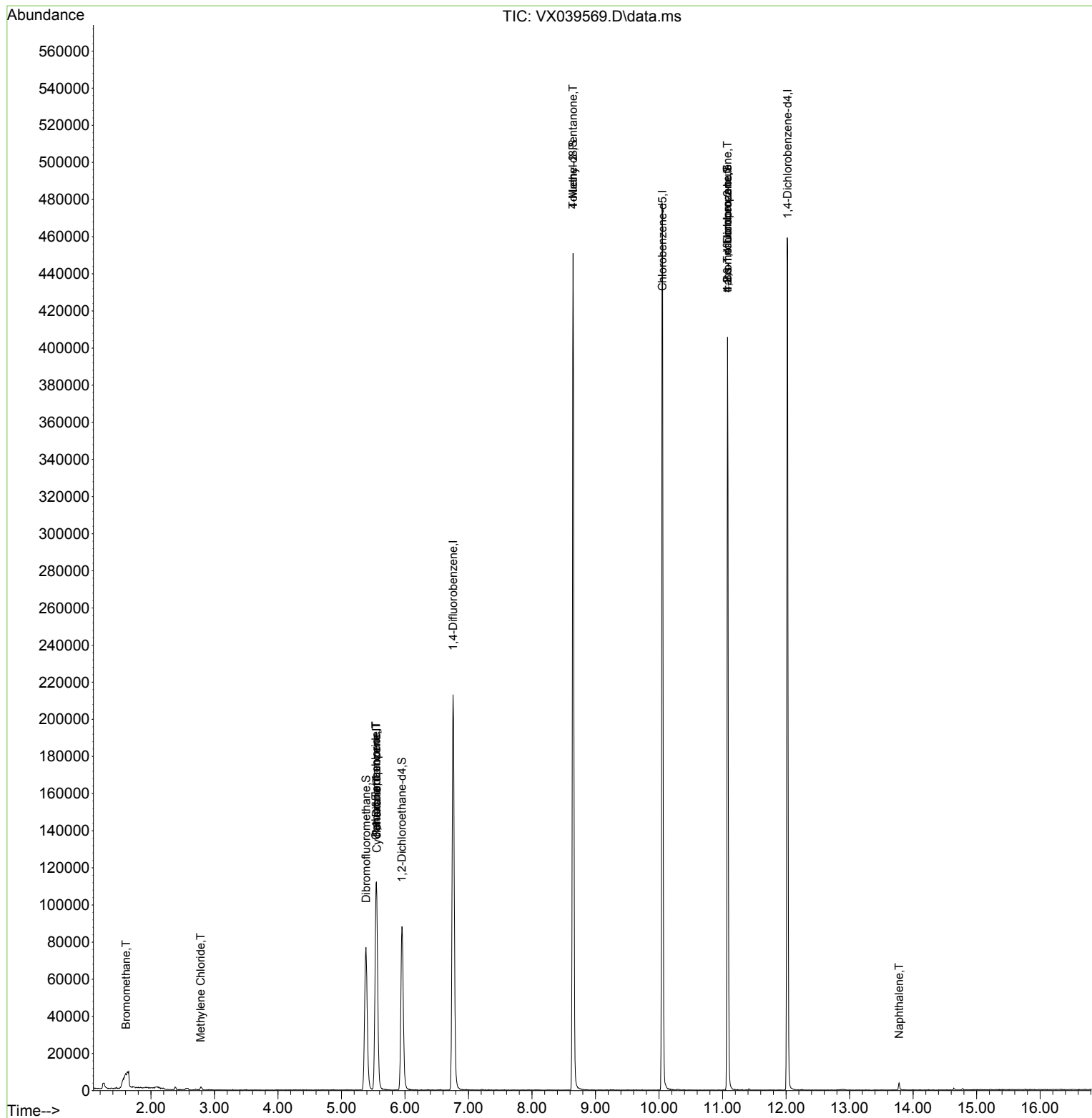
Internal Standards						
1) Pentafluorobenzene	5.550	168	100143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86623	47.218	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.440%
35) Dibromofluoromethane	5.385	113	69103	47.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.647	98	261675	48.840	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	111454	50.418	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	173	0.207	ug/l #	61
16) Acetone	2.380	43	1530	Below Cal		100
20) Methylene Chloride	2.782	84	766	0.501	ug/l #	95
31) Cyclohexane	5.556	56	2786	1.176	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	9501	4.172	ug/l #	50
38) Carbon Tetrachloride	5.544	117	10895	5.013	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1548	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59225	25.914	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59225	73.102	ug/l #	5
95) Naphthalene	13.780	128	3422	0.530	ug/l #	95

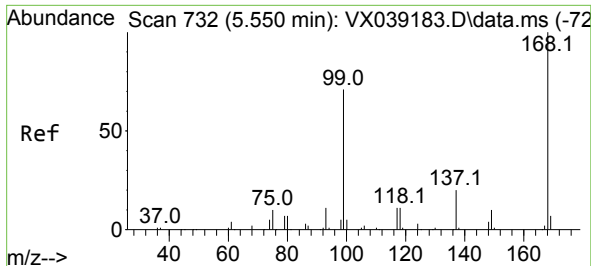
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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Quant Time: Jan 03 04:13:09 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



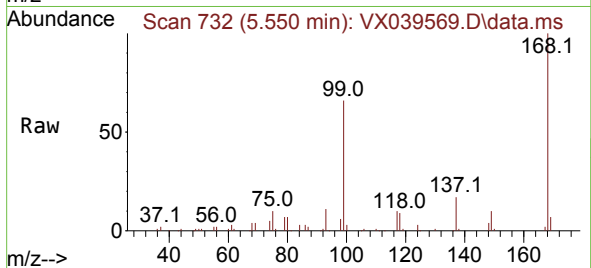


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

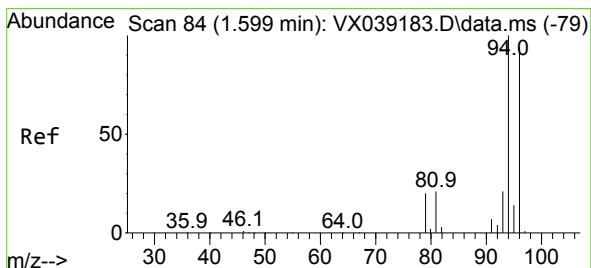
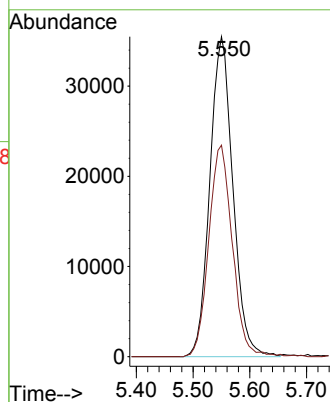
Instrument :

MSVOA_X

ClientSampleId :

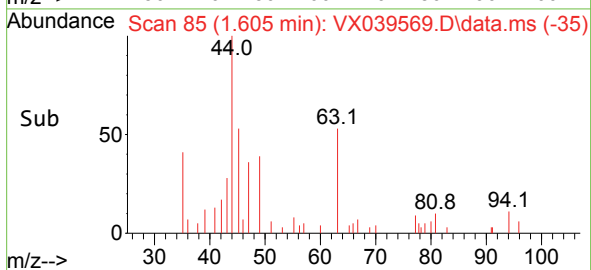
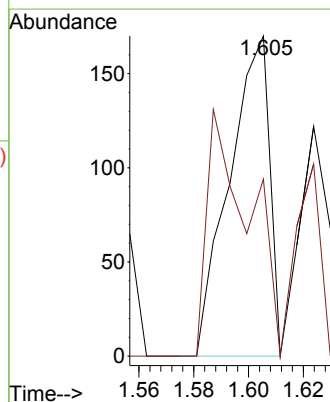
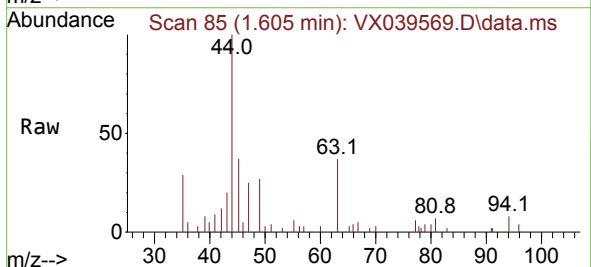


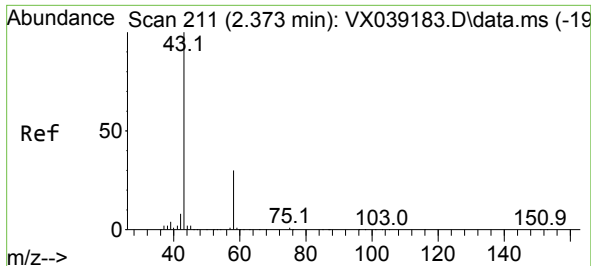
Tgt Ion:168 Resp: 100143
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 55.3 74.6 111.8#

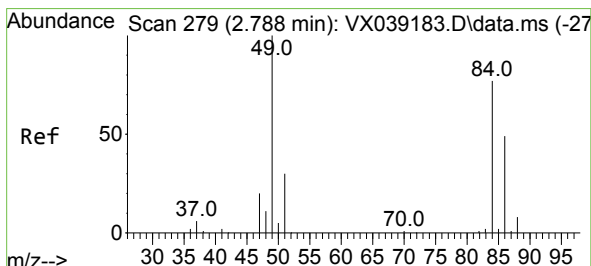
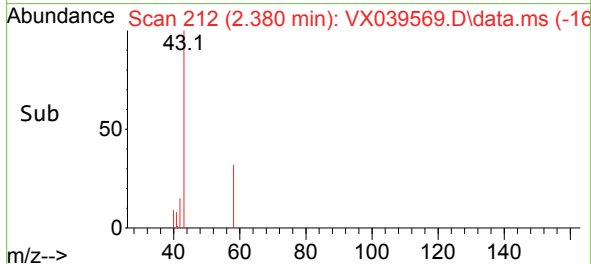
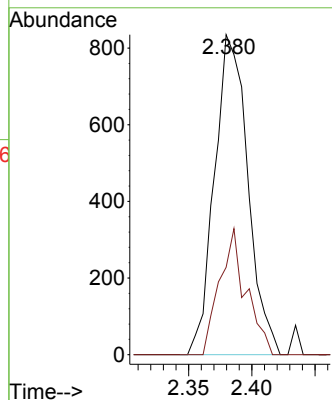
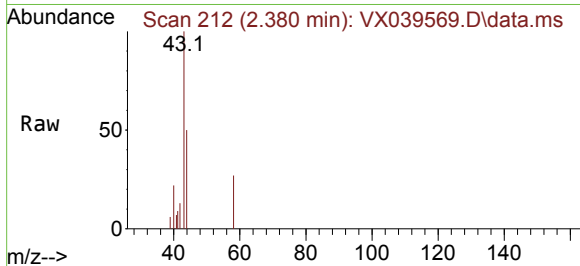




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

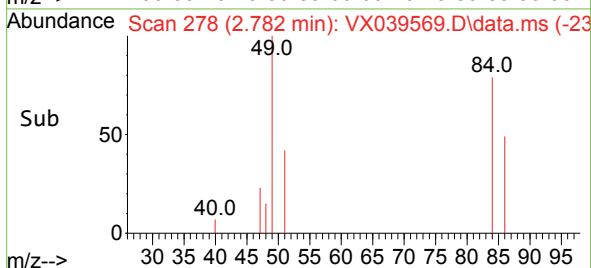
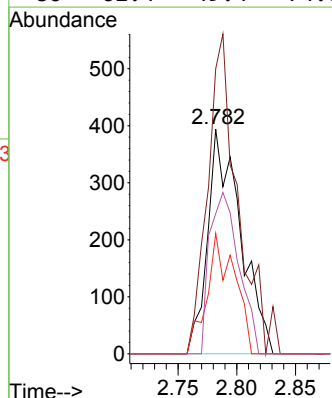
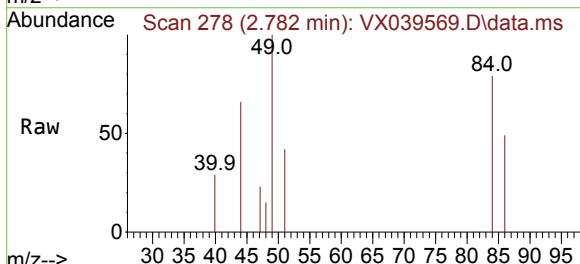
Instrument :
MSVOA_X
ClientSampleId :

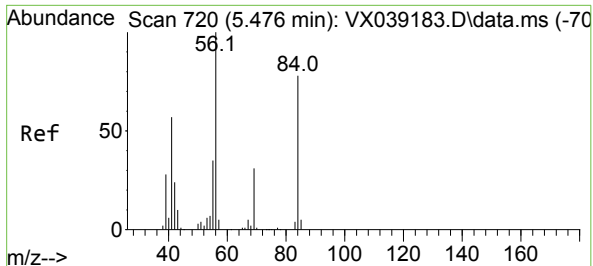
Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.501 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

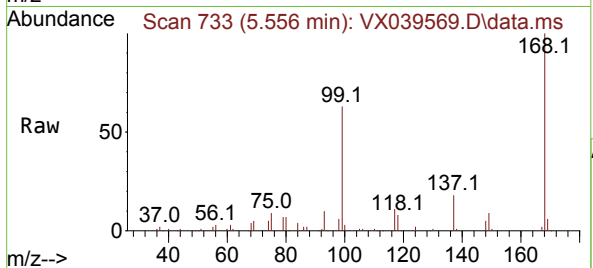
Tgt Ion: 84 Resp: 766
Ion Ratio Lower Upper
84 100
49 126.9 103.6 155.4
51 53.6 33.8 50.6#
86 62.4 49.4 74.0



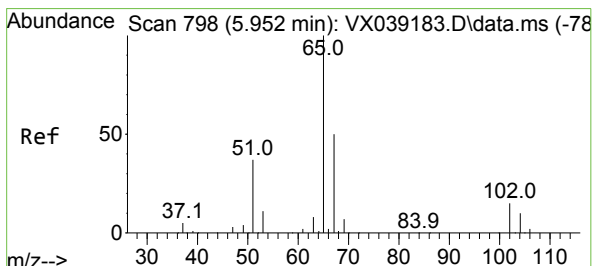
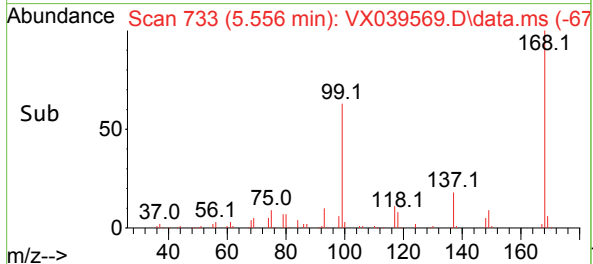
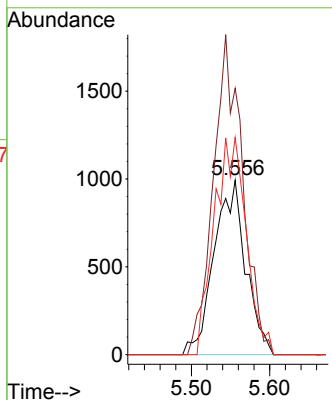


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Instrument :
MSVOA_X
ClientSampleId :

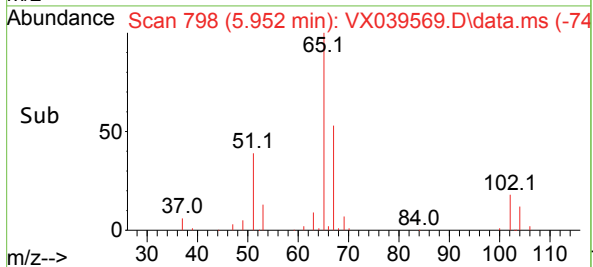
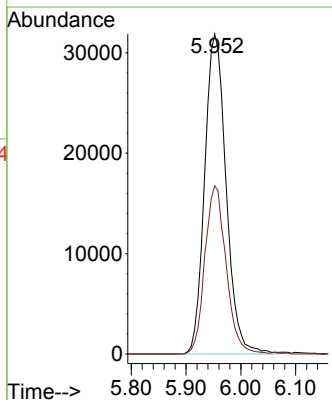
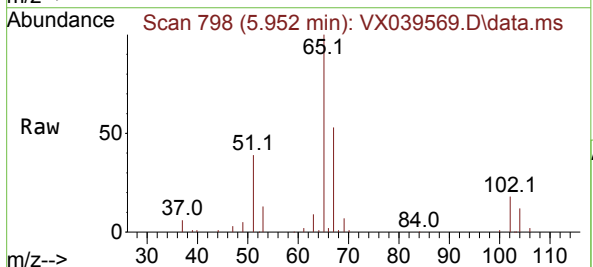


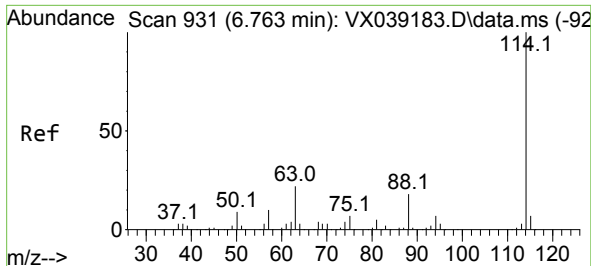
Tgt Ion: 56 Resp: 2786
Ion Ratio Lower Upper
56 100
69 152.8 23.4 35.2#
84 124.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.218 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

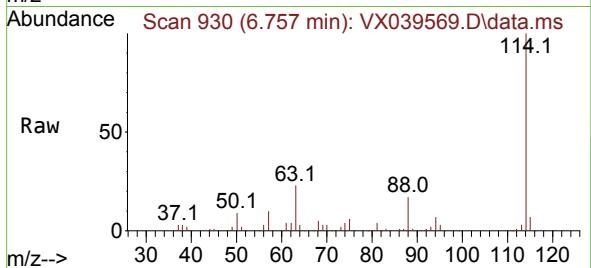
Tgt Ion: 65 Resp: 86623
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



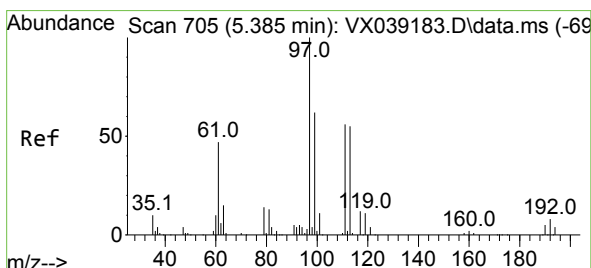
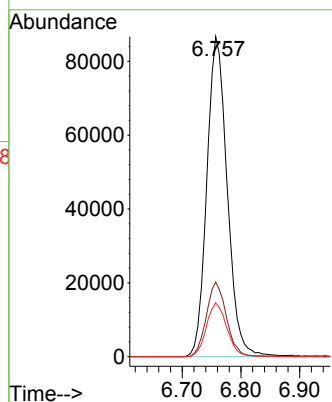
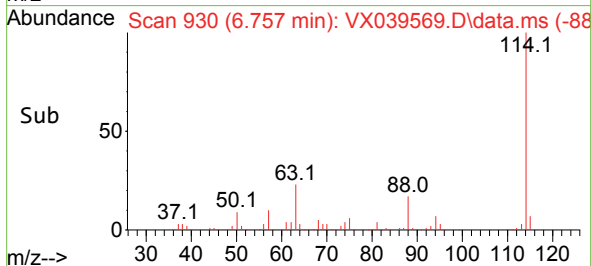


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Instrument :
MSVOA_X
ClientSampleId :

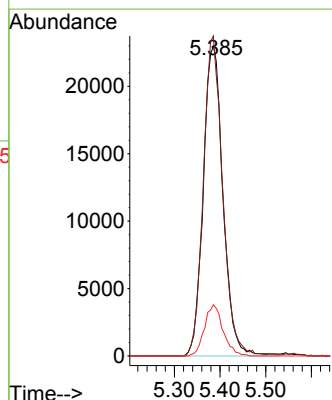
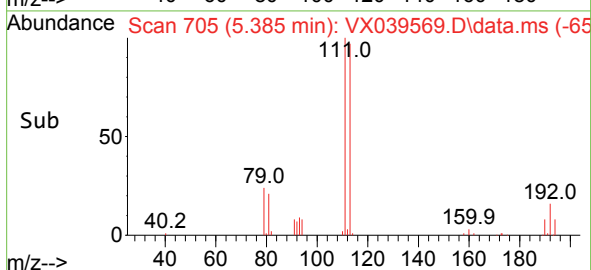
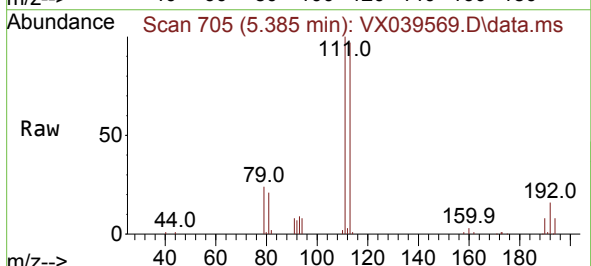


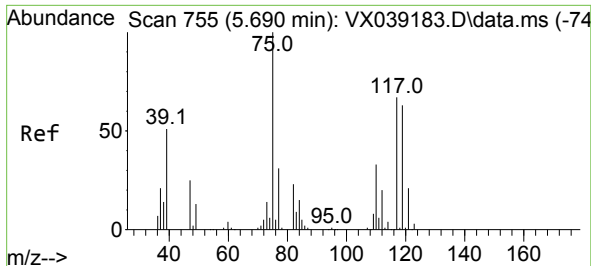
Tgt Ion:114 Resp: 208899
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.883 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Tgt Ion:113 Resp: 69103
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 15.5 13.3 19.9

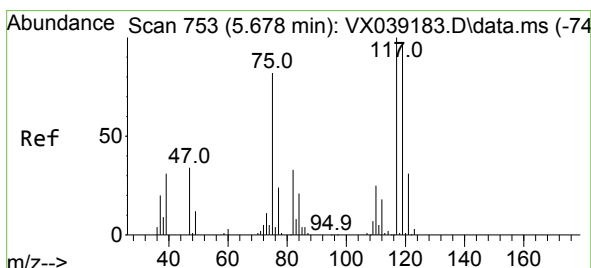
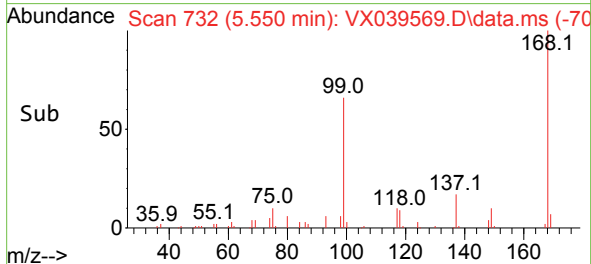
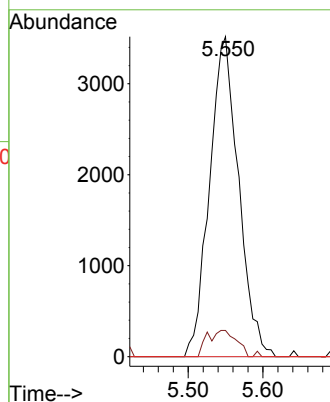
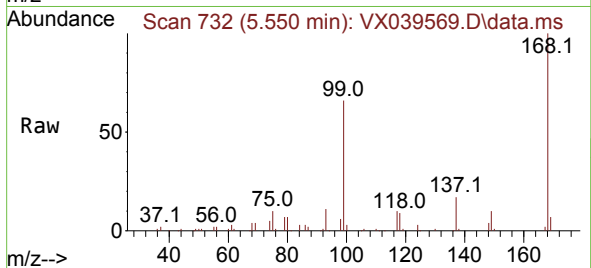




#36
1,1-Dichloropropene
Concen: 4.172 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

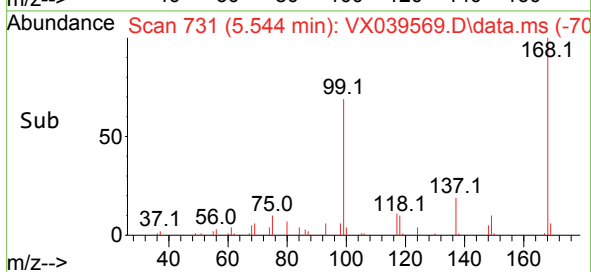
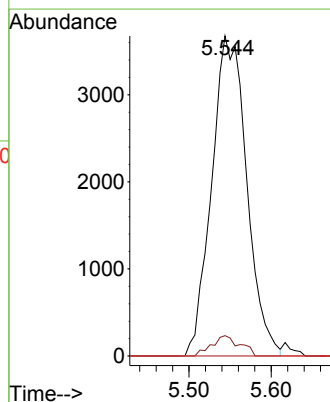
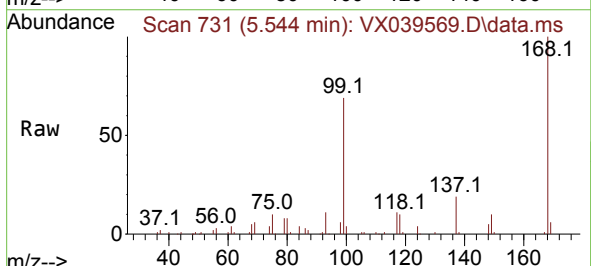
Instrument :
MSVOA_X
ClientSampleId :

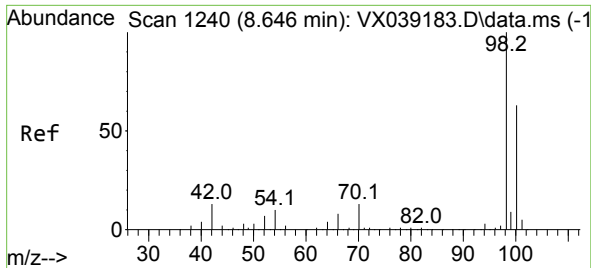
Tgt Ion: 75 Resp: 9501
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Tgt Ion: 117 Resp: 10895
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#

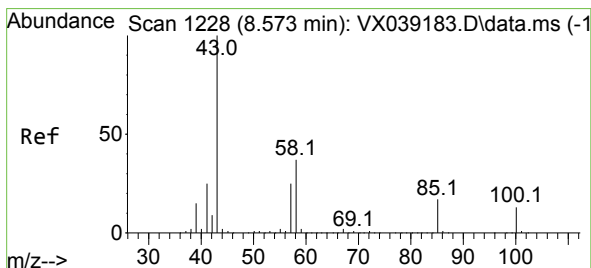
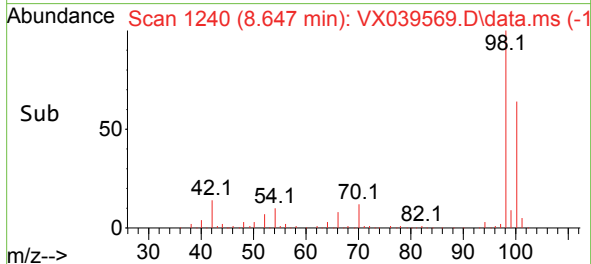
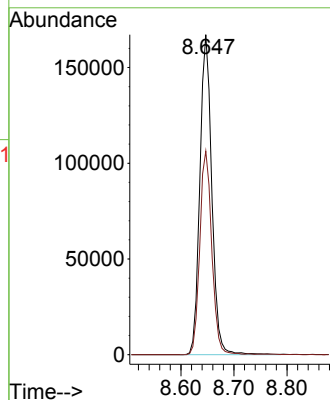
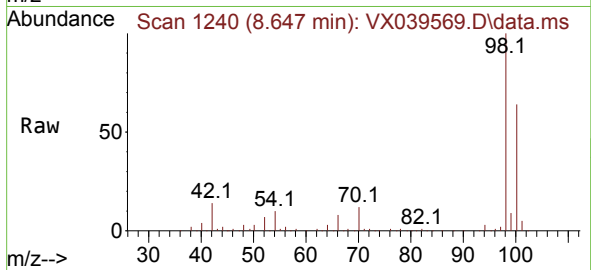




#50
Toluene-d8
Concen: 48.840 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

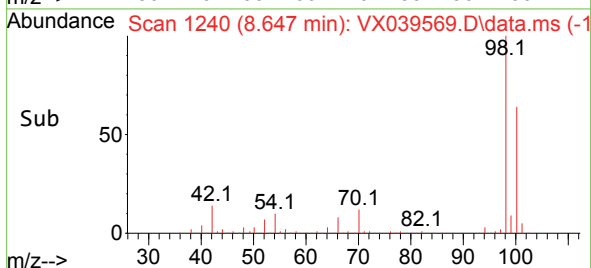
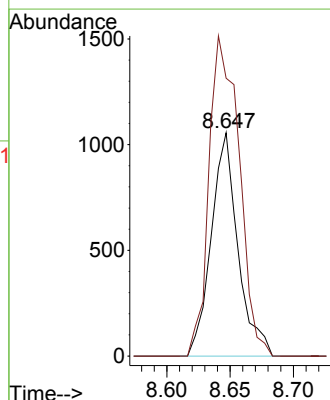
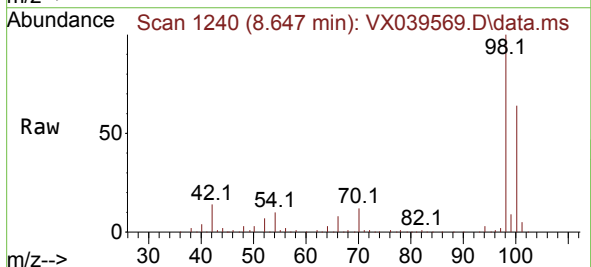
Instrument :
MSVOA_X
ClientSampleId :

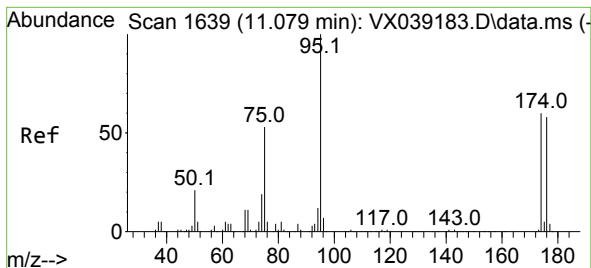
Tgt Ion: 98 Resp: 261675
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 162.1 30.4 45.6#

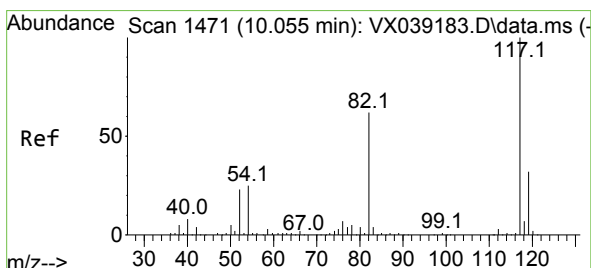
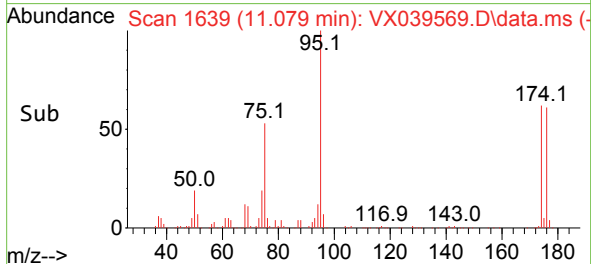
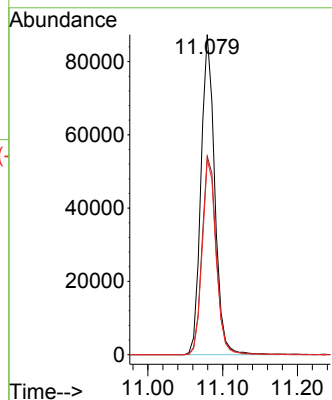
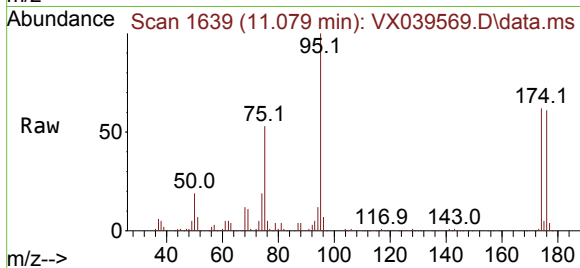




#62
4-Bromofluorobenzene
Concen: 50.418 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

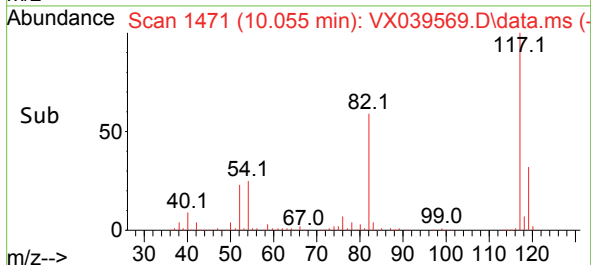
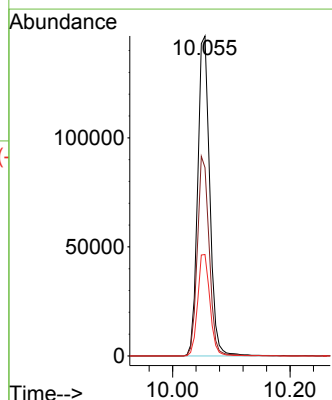
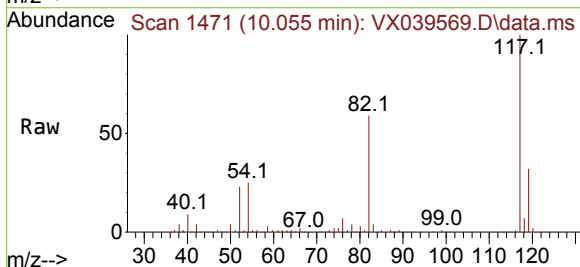
Instrument :
MSVOA_X
ClientSampleId :

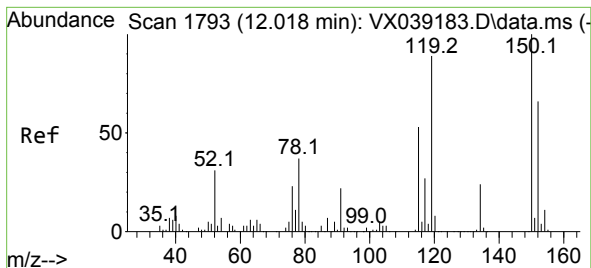
Tgt Ion: 95 Resp: 111454
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.6
176 61.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Tgt Ion: 117 Resp: 208441
Ion Ratio Lower Upper
117 100
82 58.8 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# 1

Delta R.T. 0.006 min

Lab File: VX039569.D

Acq: 02 Jan 2024 14:00

Instrument :

MSVOA_X

ClientSampleId :

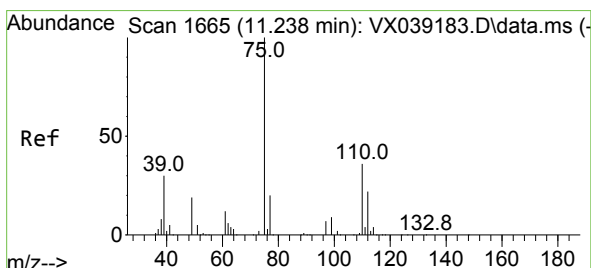
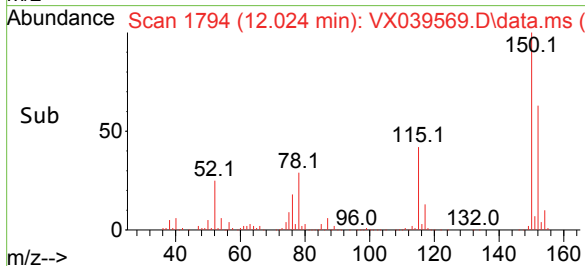
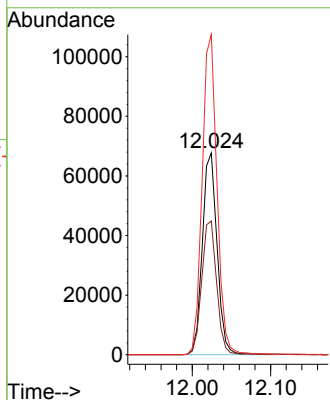
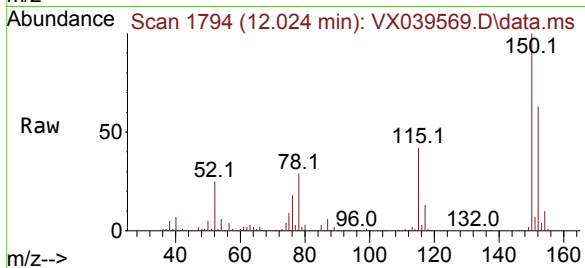
Tgt Ion:152 Resp: 88339

Ion Ratio Lower Upper

152 100

115 67.2 43.3 129.9

150 159.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.914 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039569.D

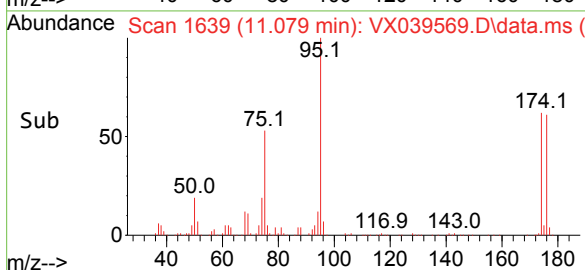
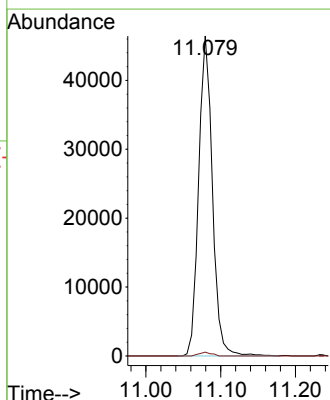
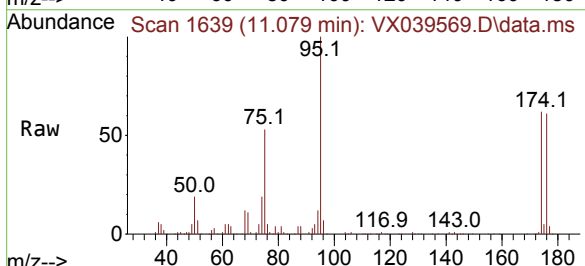
Acq: 02 Jan 2024 14:00

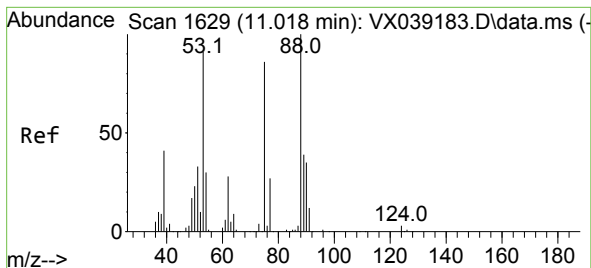
Tgt Ion: 75 Resp: 59225

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

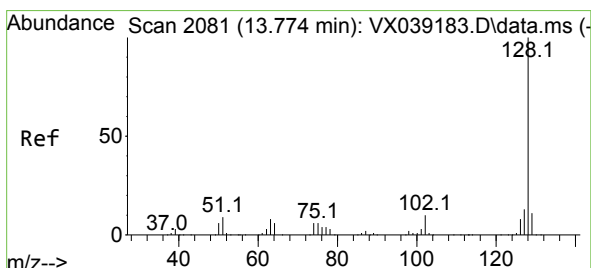
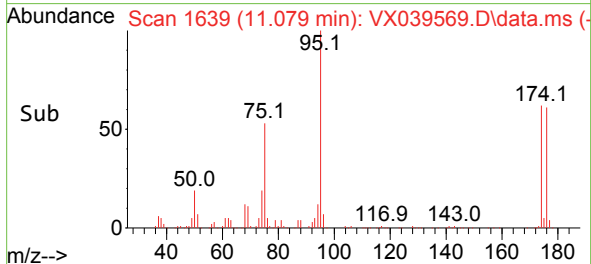
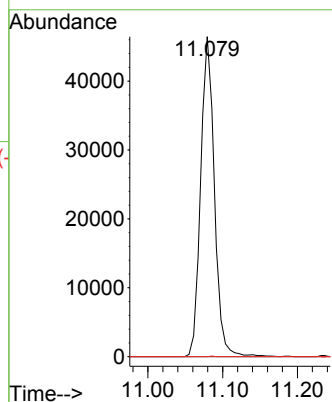
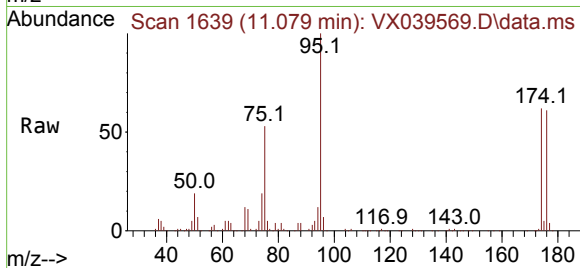




#81
trans-1,4-Dichloro-2-butene
Concen: 73.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 59225
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.530 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039569.D
Acq: 02 Jan 2024 14:00

Tgt Ion: 128 Resp: 3422
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 7.7 8.8 13.2#

