

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039572.D
 Acq On : 02 Jan 2024 15:23
 Operator : JC/MD
 Sample : P1002-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:14:06 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)

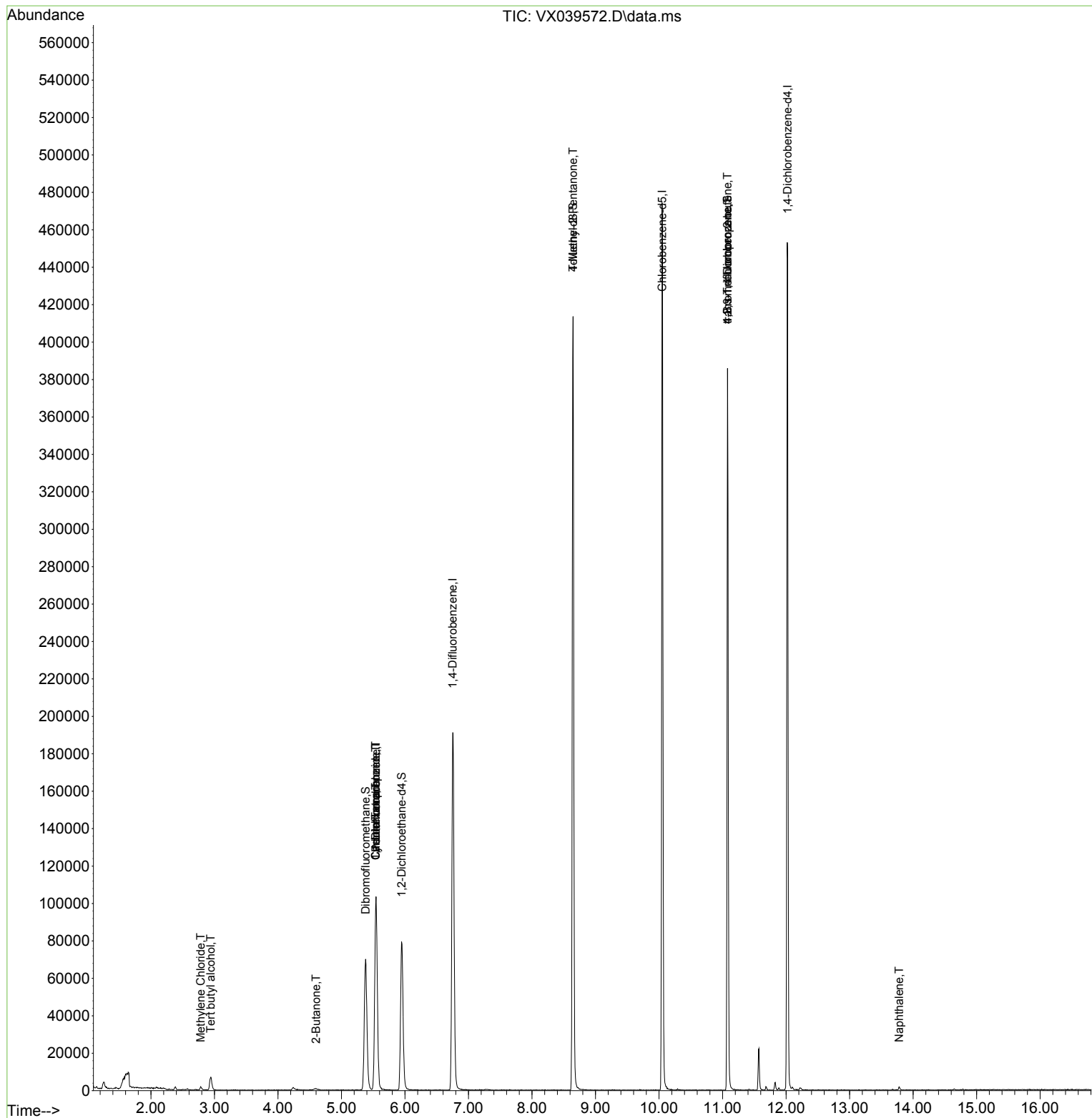
Internal Standards						
1) Pentafluorobenzene	5.544	168	91160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	193344	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	199295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78210	46.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.660%
35) Dibromofluoromethane	5.379	113	61755	46.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.647	98	247349	49.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	106465	52.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	4881	11.639	ug/l #	78
16) Acetone	2.380	43	1601	Below Cal		92
20) Methylene Chloride	2.782	84	906	0.651	ug/l #	92
25) 2-Butanone	4.599	43	300	0.208	ug/l #	51
31) Cyclohexane	5.537	56	2562	1.188	ug/l #	15
36) 1,1-Dichloropropene	5.537	75	8730	4.142	ug/l #	45
38) Carbon Tetrachloride	5.537	117	10175	5.058	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1216	0.451	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	58785	25.393	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58785	71.634	ug/l #	5
95) Naphthalene	13.780	128	1810	0.277	ug/l #	86

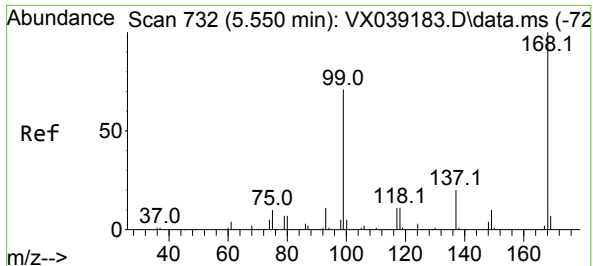
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
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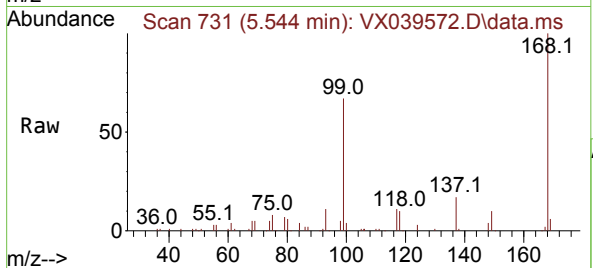
Quant Time: Jan 03 04:14:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



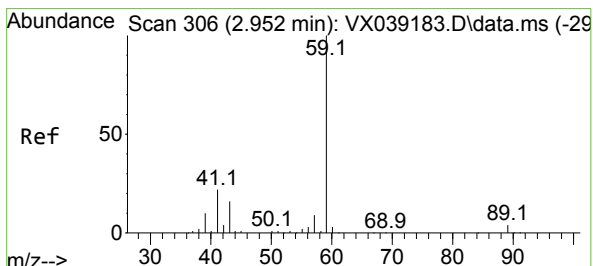
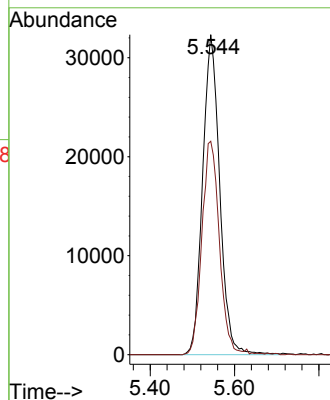
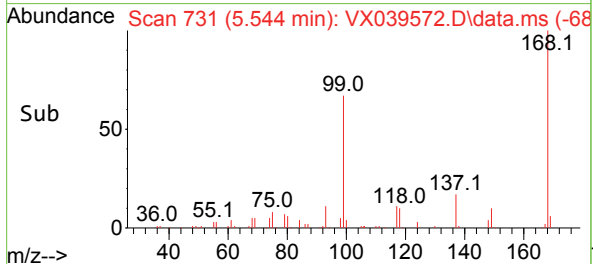


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Instrument :
MSVOA_X
ClientSampleId :

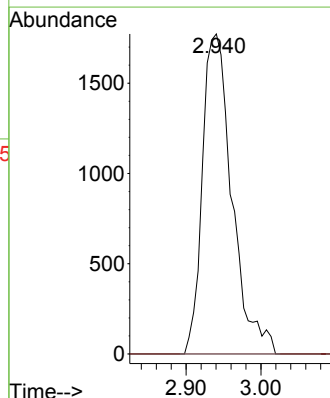
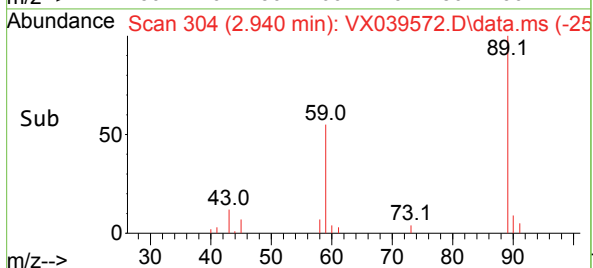
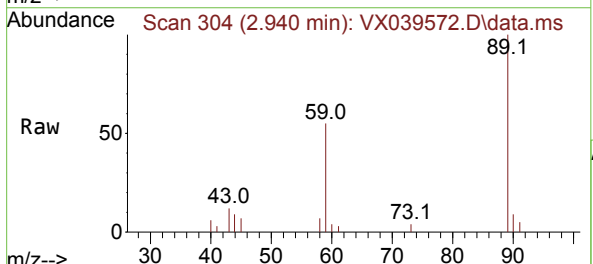


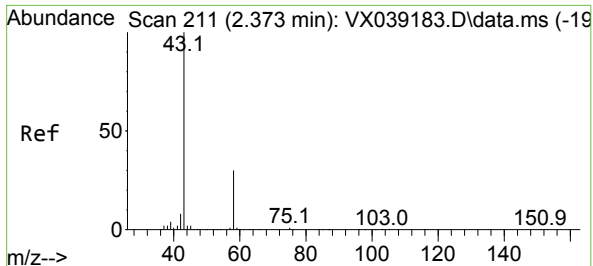
Tgt Ion:168 Resp: 91160
Ion Ratio Lower Upper
168 100
99 66.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 11.639 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Tgt Ion: 59 Resp: 4881
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

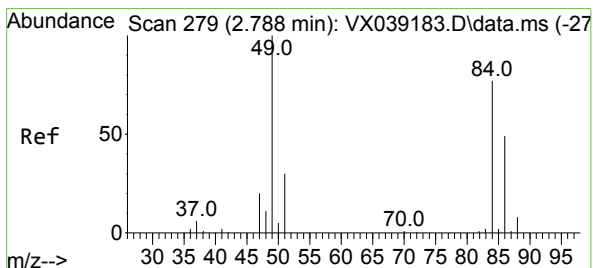
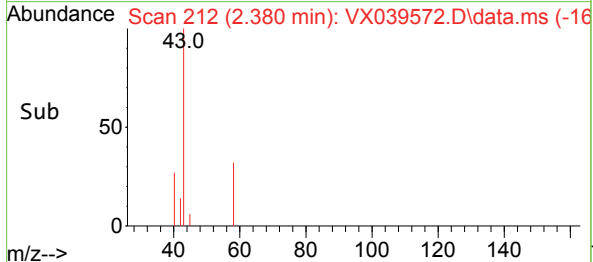
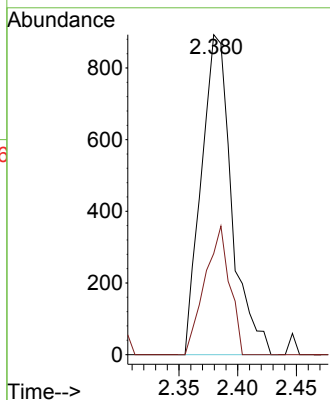
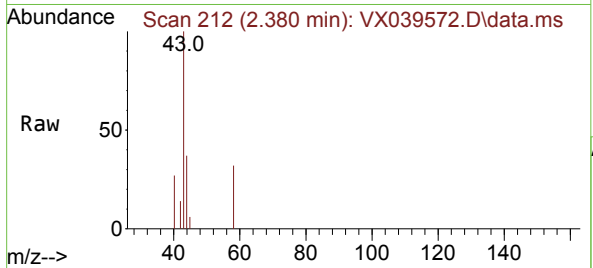




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

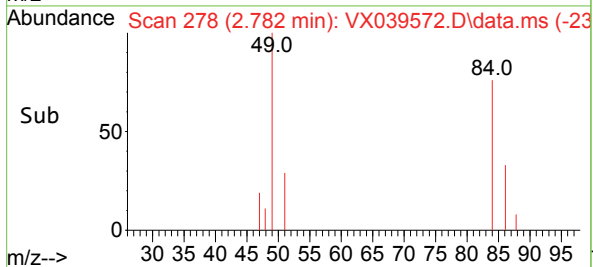
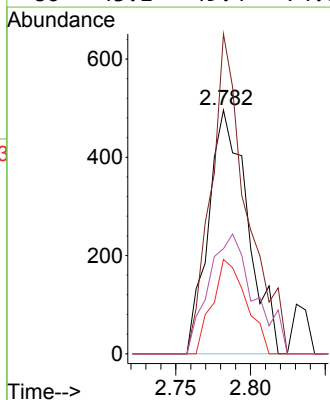
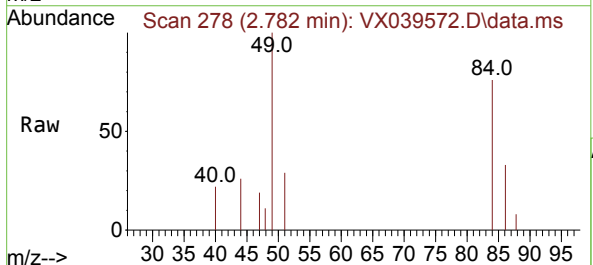
Instrument :
MSVOA_X
ClientSampleId :

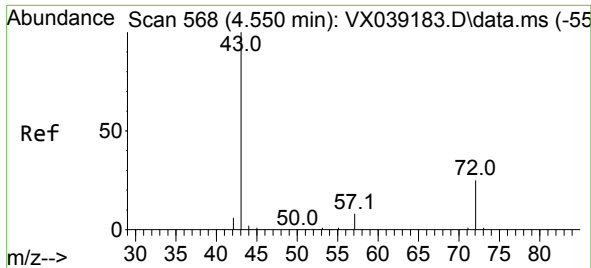
Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.651 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Tgt Ion: 84 Resp: 906
Ion Ratio Lower Upper
84 100
49 131.3 103.6 155.4
51 38.7 33.8 50.6
86 43.1 49.4 74.0#

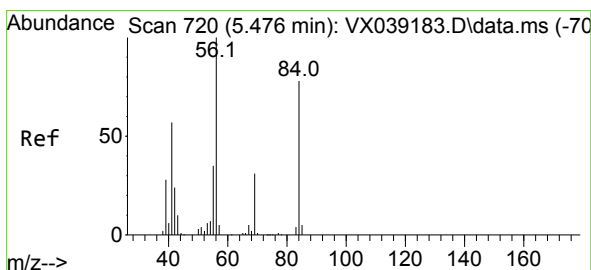
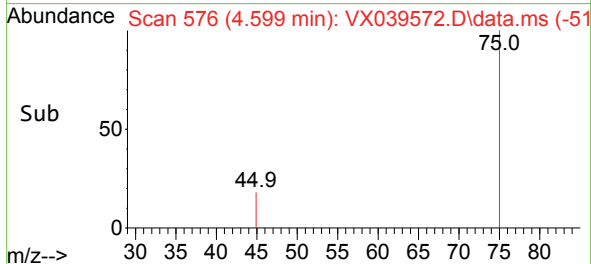
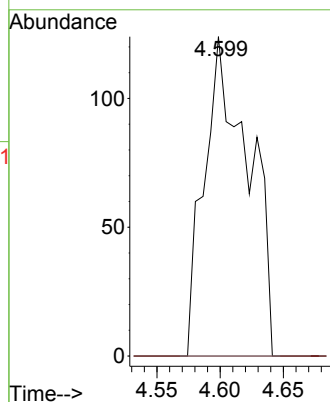
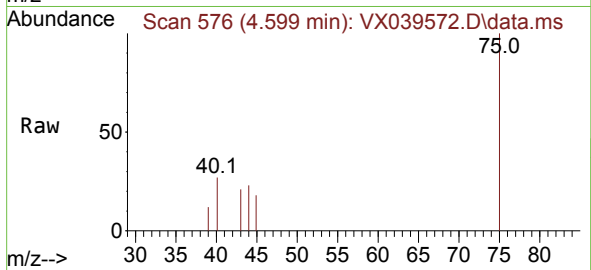




#25
2-Butanone
Concen: 0.208 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

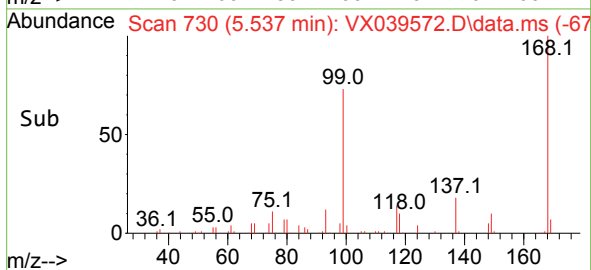
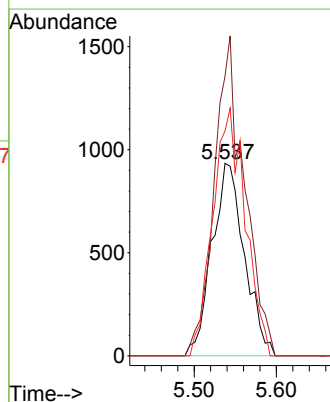
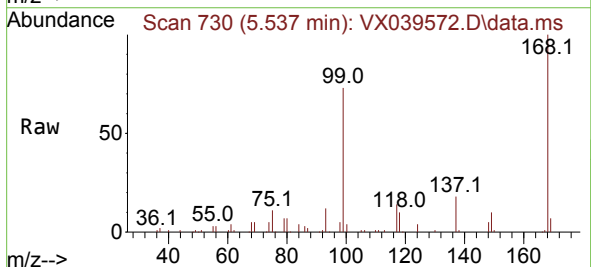
Instrument :
MSVOA_X
ClientSampleId :

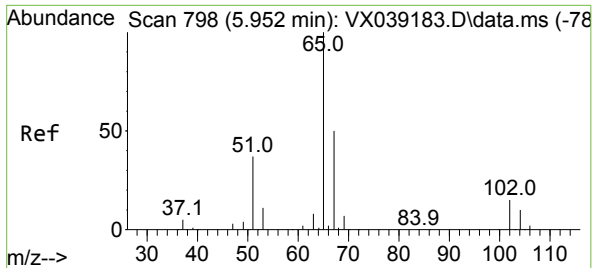
Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.061 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Tgt Ion: 56 Resp: 2562
Ion Ratio Lower Upper
56 100
69 145.2 23.4 35.2#
84 116.8 65.9 98.9#

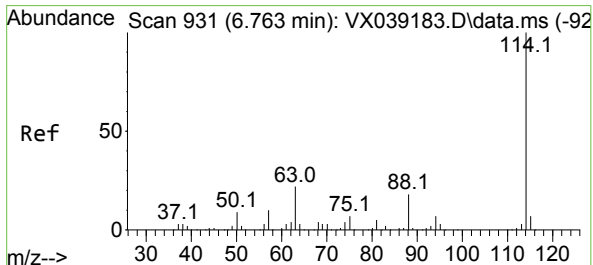
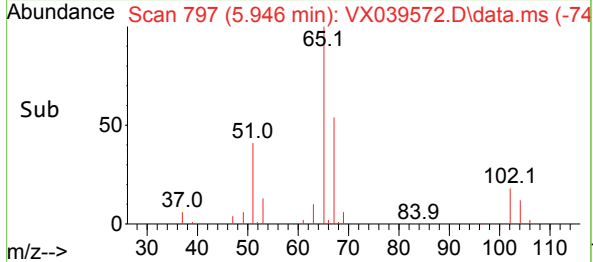
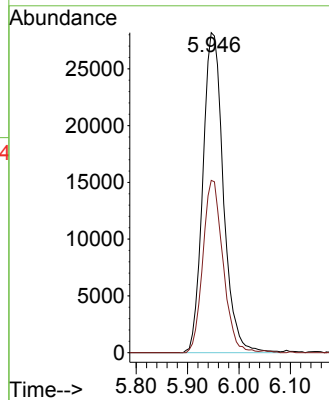
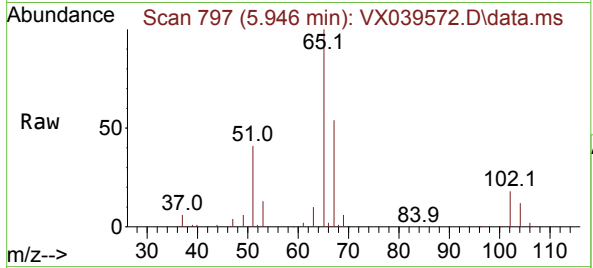




#33
1,2-Dichloroethane-d4
Concen: 46.833 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

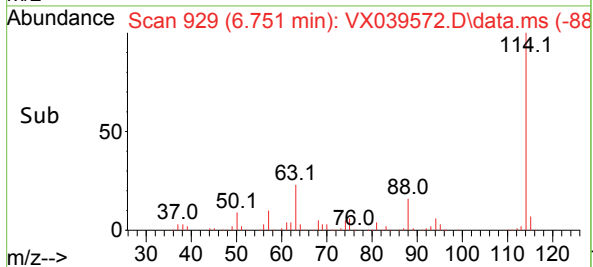
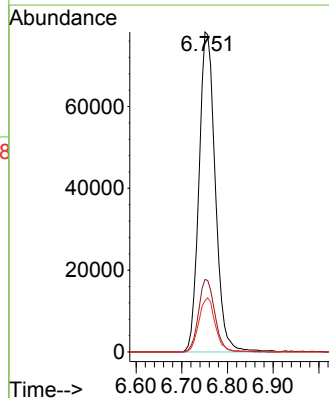
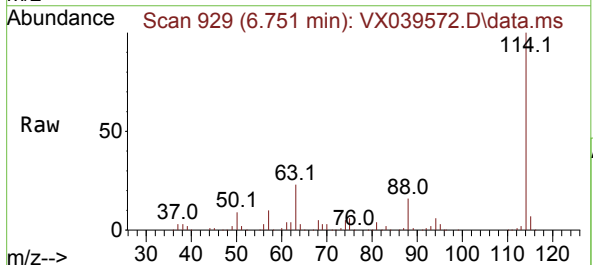
Instrument :
MSVOA_X
ClientSampleId :

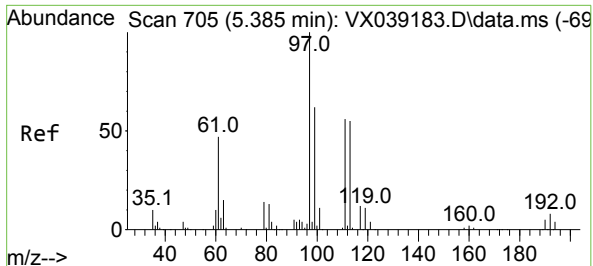
Tgt Ion: 65 Resp: 78210
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.012 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

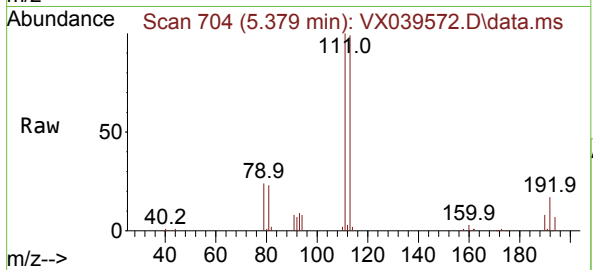
Tgt Ion: 114 Resp: 193344
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.0 0.0 36.6



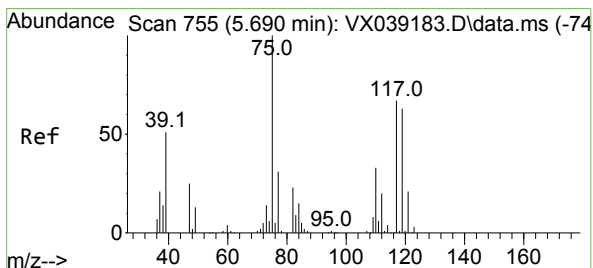
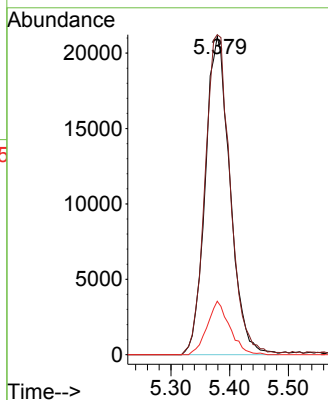
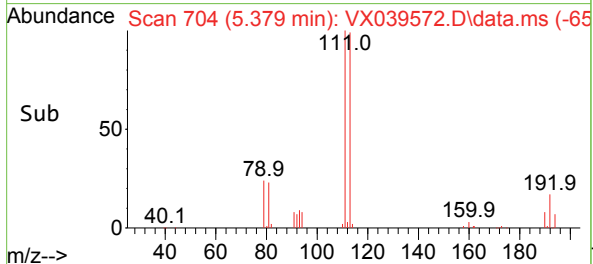


#35
Dibromofluoromethane
Concen: 46.234 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Instrument :
MSVOA_X
ClientSampleId :

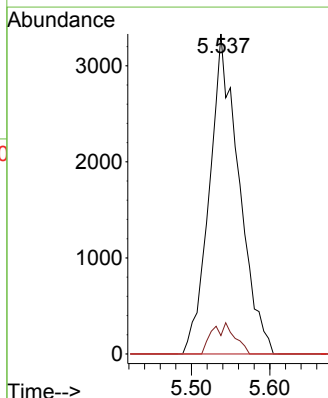
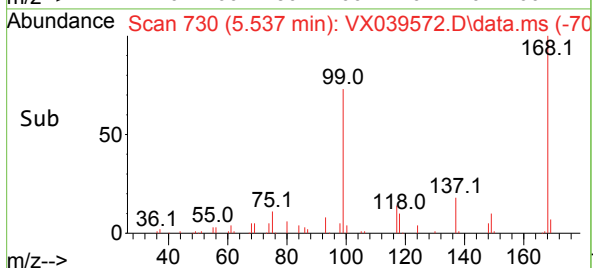
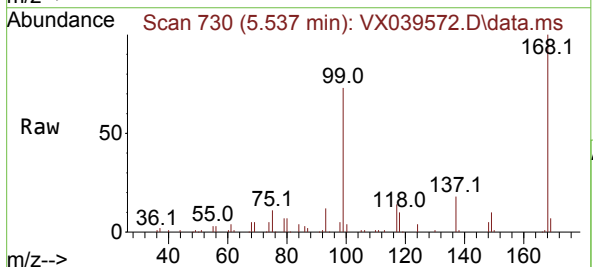


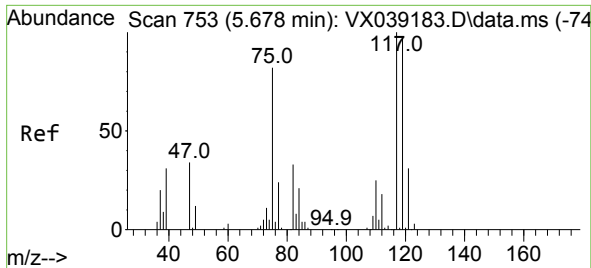
Tgt Ion:113 Resp: 61755
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 15.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.142 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

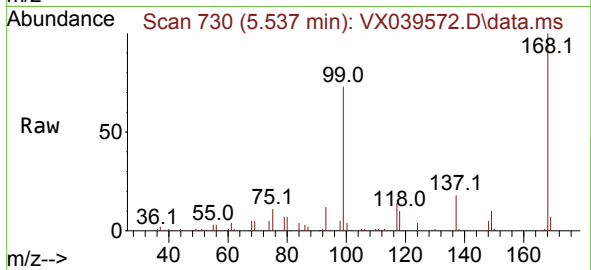
Tgt Ion: 75 Resp: 8730
Ion Ratio Lower Upper
75 100
110 3.6 17.0 50.9#
77 0.0 24.7 37.1#



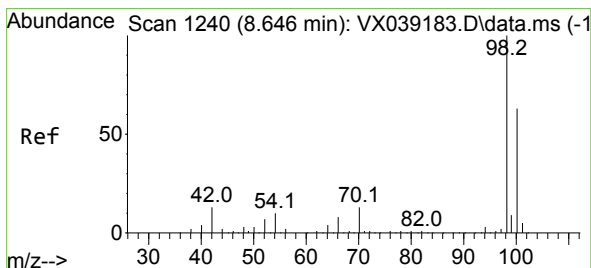
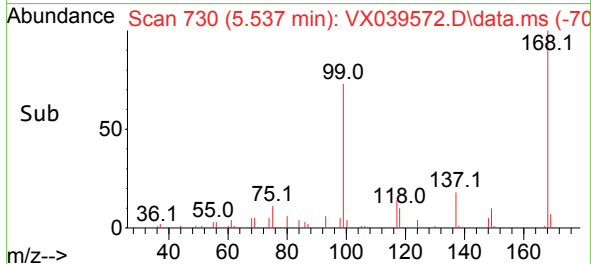
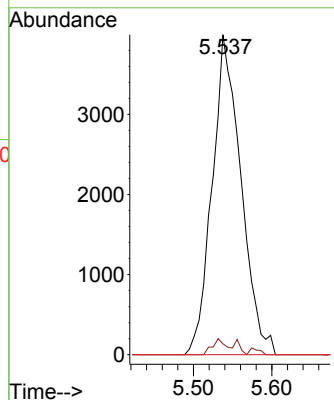


#38
Carbon Tetrachloride
Concen: 5.058 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Instrument :
MSVOA_X
ClientSampleId :

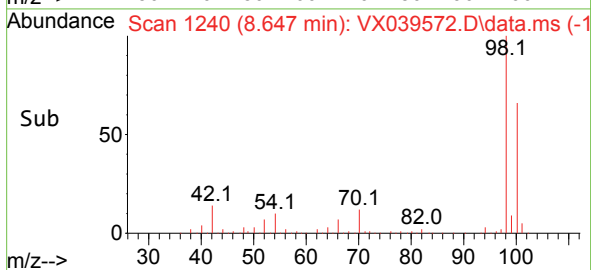
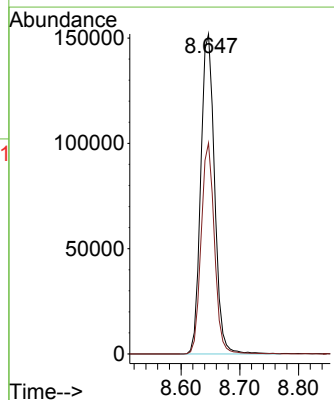
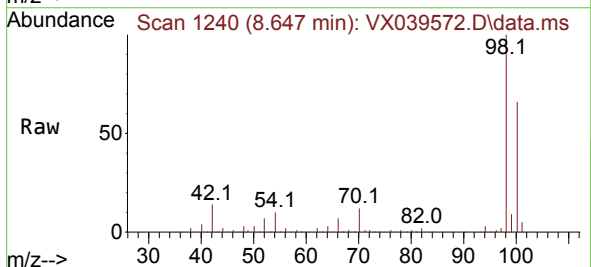


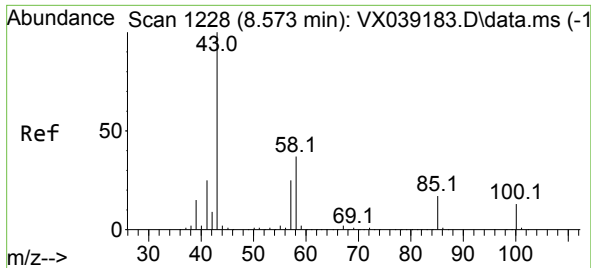
Tgt Ion:117 Resp: 10175
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.880 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Tgt Ion: 98 Resp: 247349
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

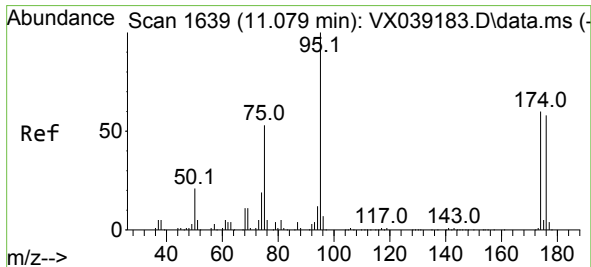
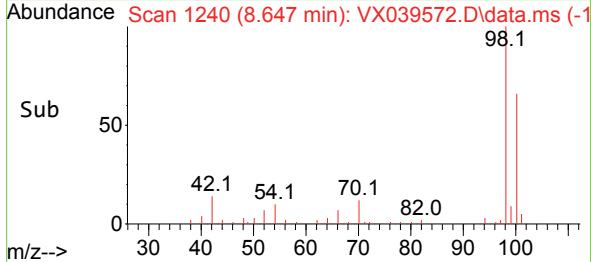
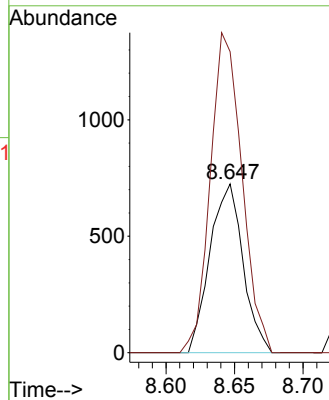
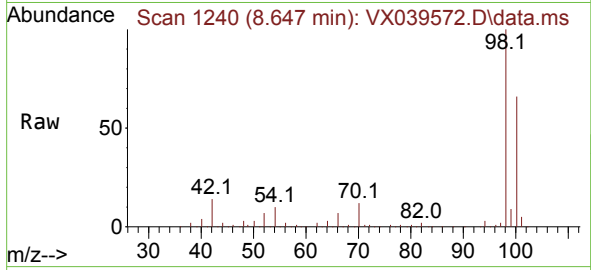




#51
4-Methyl-2-Pentanone
Concen: 0.451 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

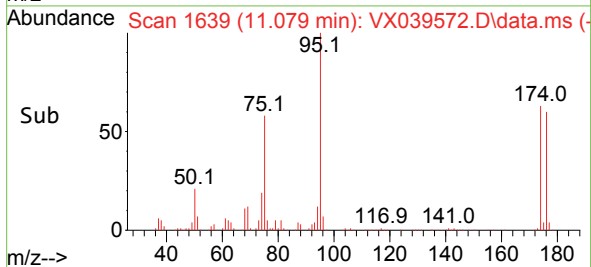
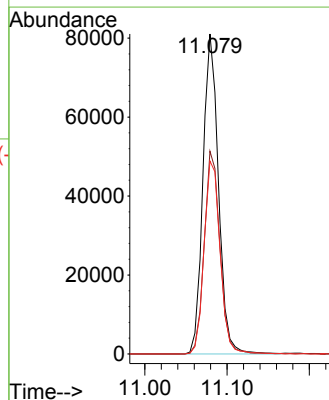
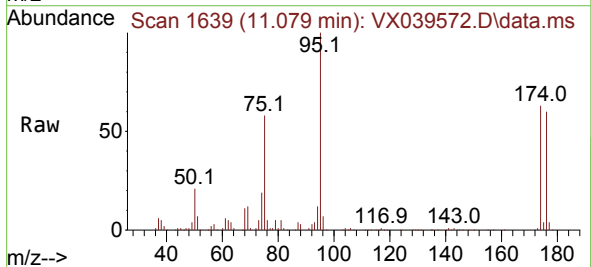
Instrument :
MSVOA_X
ClientSampleId :

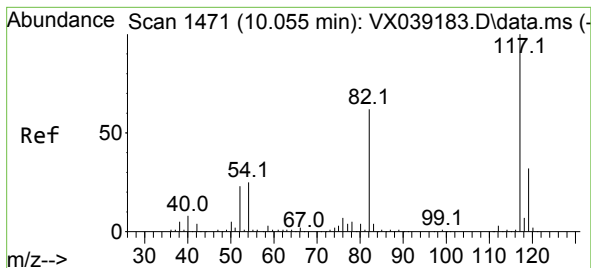
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 181.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Tgt Ion: 95 Resp: 106465
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.6
176 62.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039572.D

Acq: 02 Jan 2024 15:23

Instrument :

MSVOA_X

ClientSampleId :

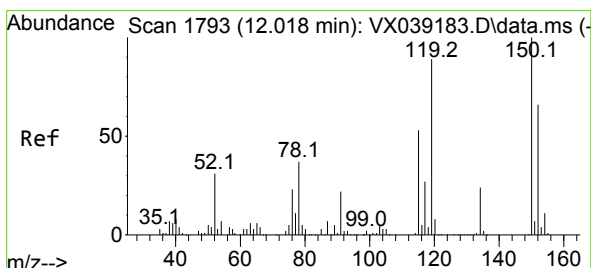
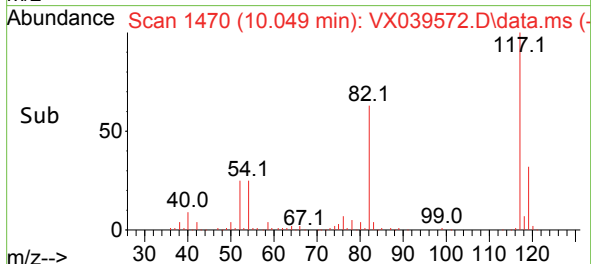
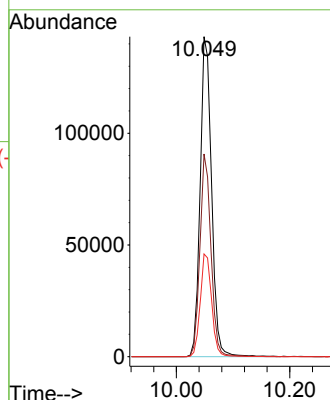
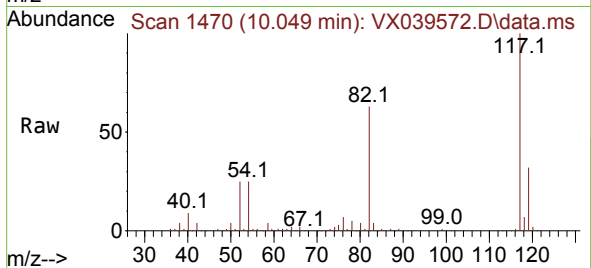
Tgt Ion:117 Resp: 199295

Ion Ratio Lower Upper

117 100

82 63.4 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039572.D

Acq: 02 Jan 2024 15:23

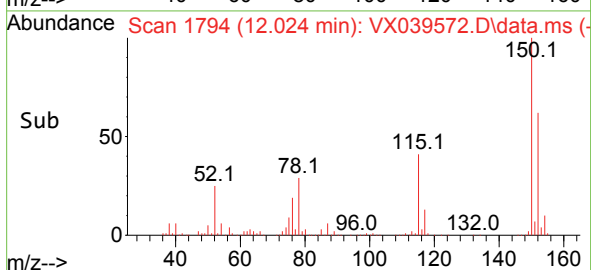
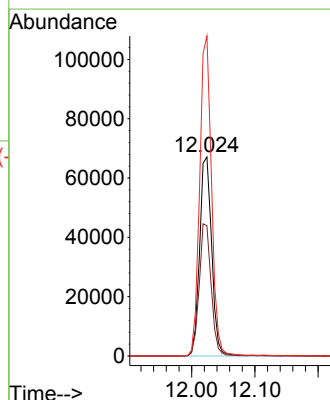
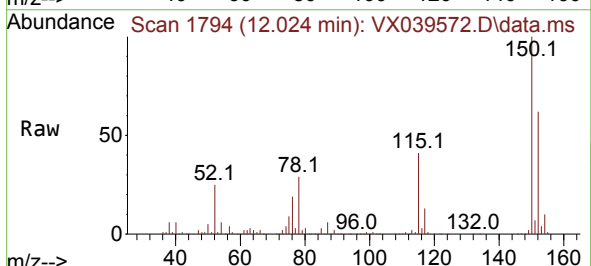
Tgt Ion:152 Resp: 89480

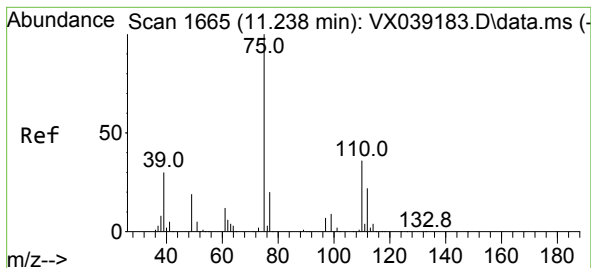
Ion Ratio Lower Upper

152 100

115 65.7 43.3 129.9

150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039572.D

Acq: 02 Jan 2024 15:23

Instrument :

MSVOA_X

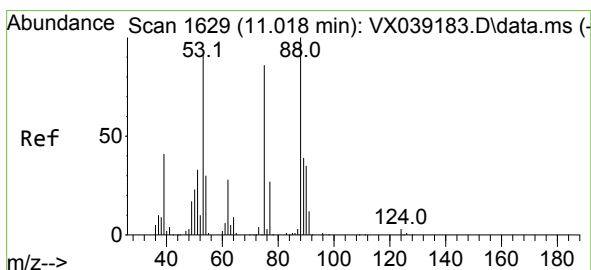
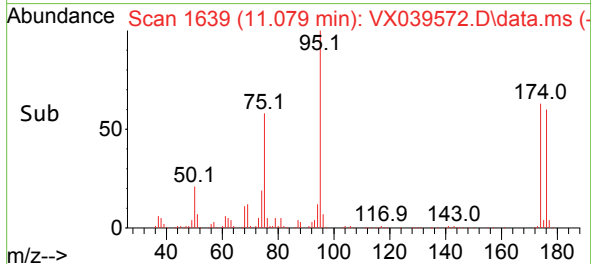
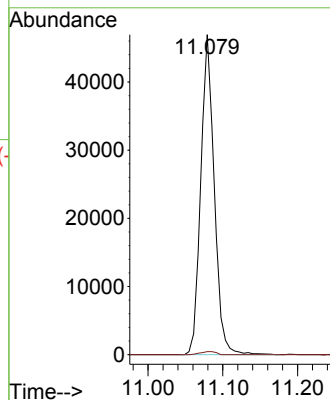
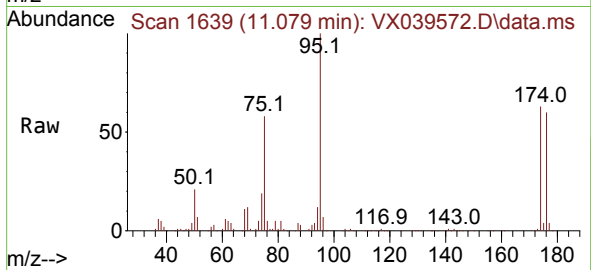
ClientSampleId :

Tgt Ion: 75 Resp: 58785

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.634 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039572.D

Acq: 02 Jan 2024 15:23

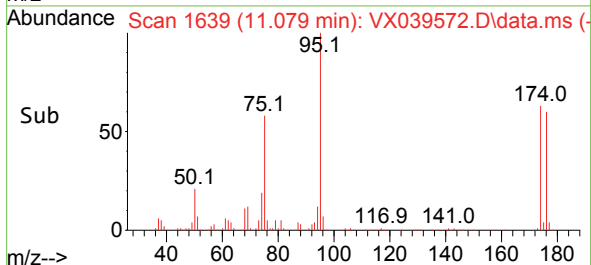
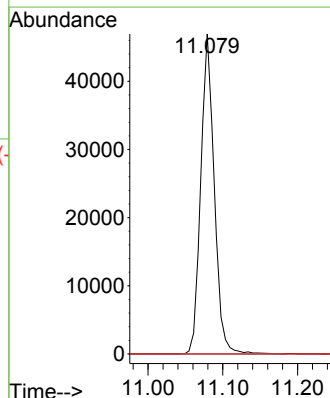
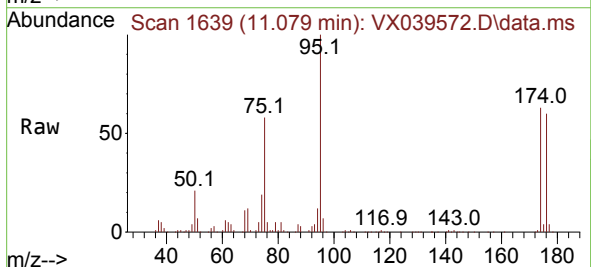
Tgt Ion: 75 Resp: 58785

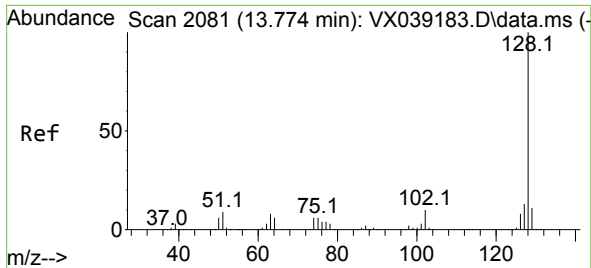
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

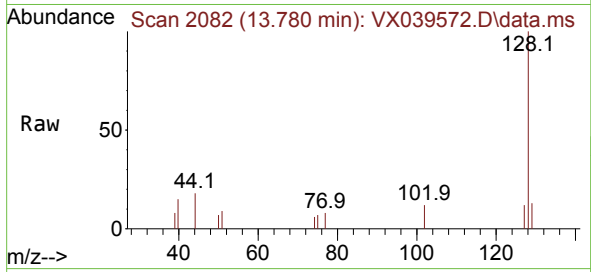
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.277 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1810
Ion	Ratio	Lower	Upper
128	100		
127	8.9	10.3	15.5#
129	3.8	8.8	13.2#

