

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039814.D
 Acq On : 18 Jan 2024 13:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 19 00:39:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

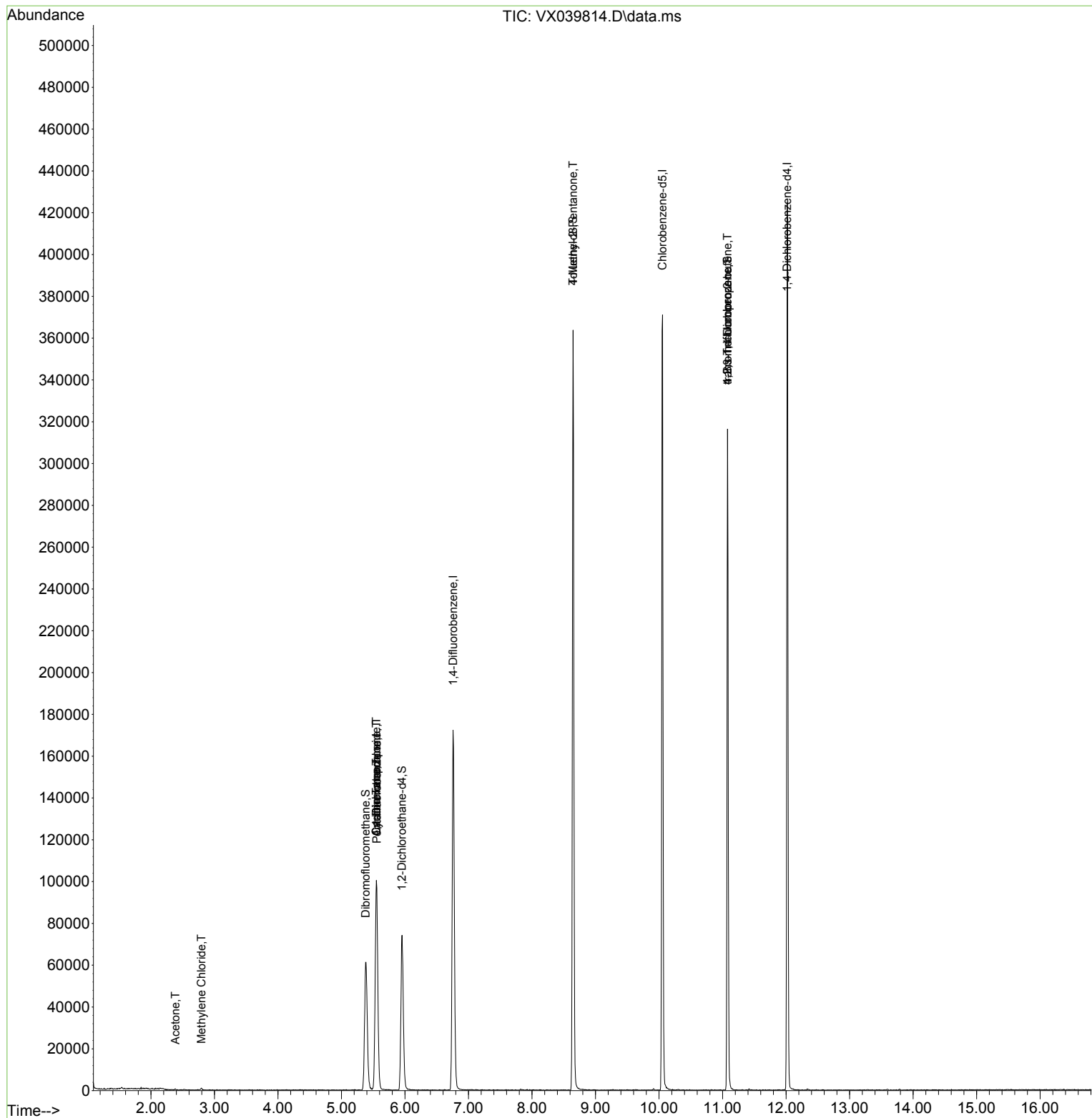
Internal Standards						
1) Pentafluorobenzene	5.556	168	88529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69928	47.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.300%		
35) Dibromofluoromethane	5.379	113	54015	47.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.580%		
50) Toluene-d8	8.646	98	206324	48.405	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.800%		
62) 4-Bromofluorobenzene	11.079	95	83050	49.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.640%		
Target Compounds						
16) Acetone	2.385	43	316	0.379	ug/l	98
20) Methylene Chloride	2.794	84	327	0.259	ug/l #	85
31) Cyclohexane	5.549	56	2443	1.248	ug/l #	14
36) 1,1-Dichloropropene	5.549	75	8333	4.737	ug/l #	50
38) Carbon Tetrachloride	5.549	117	10043	6.233	ug/l #	14
51) 4-Methyl-2-Pentanone	8.646	43	1101	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46692	21.795	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	46692	63.316	ug/l #	5

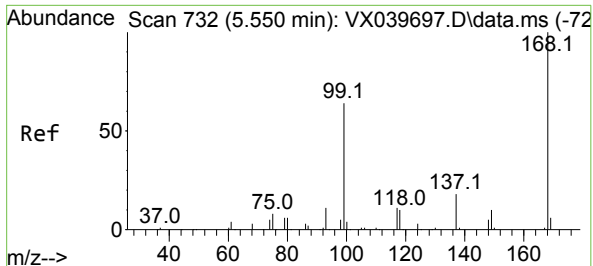
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



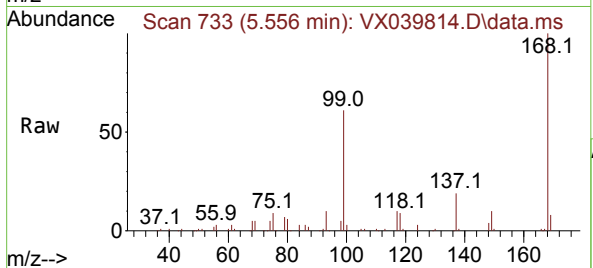


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039814.D
Acq: 18 Jan 2024 13:30

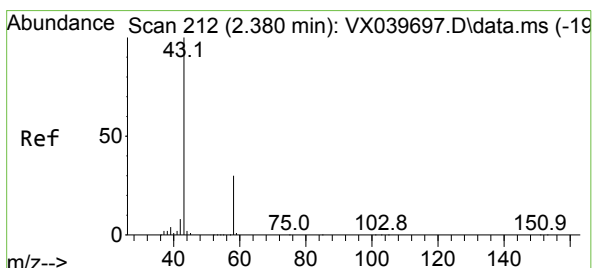
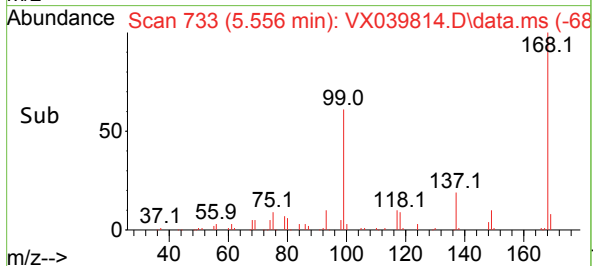
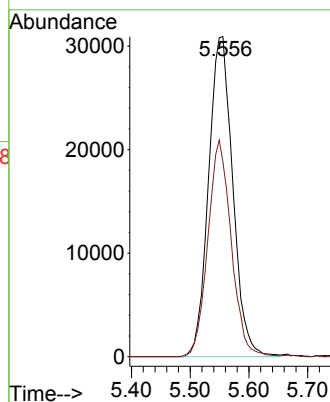
Instrument :

MSVOA_X

ClientSampleId :

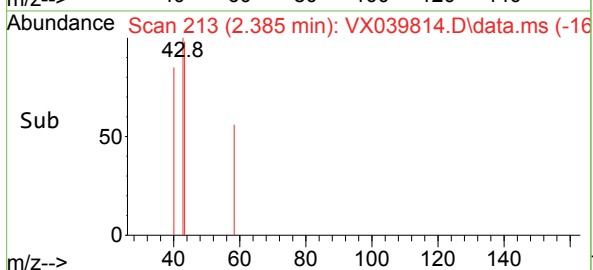
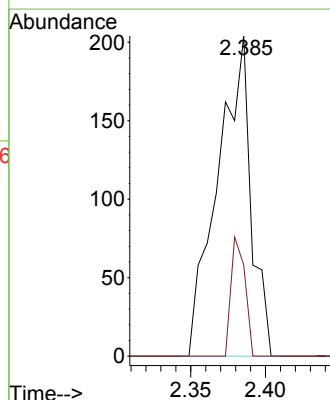
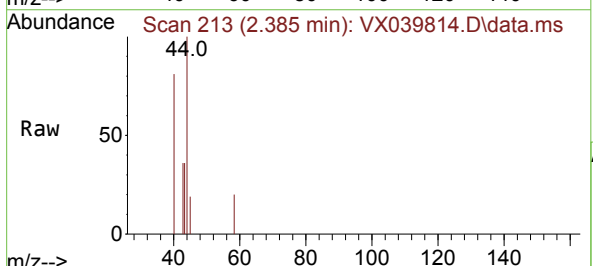


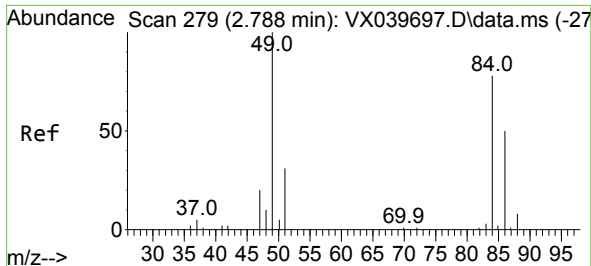
Tgt Ion:168 Resp: 88529
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#16
Acetone
Concen: 0.379 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX039814.D
Acq: 18 Jan 2024 13:30

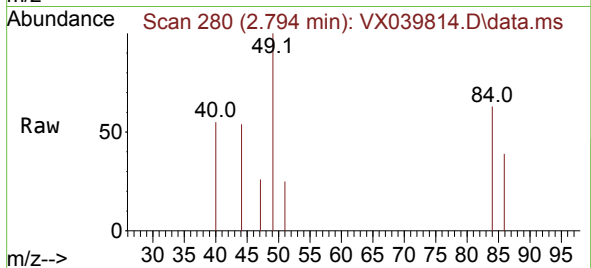
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9





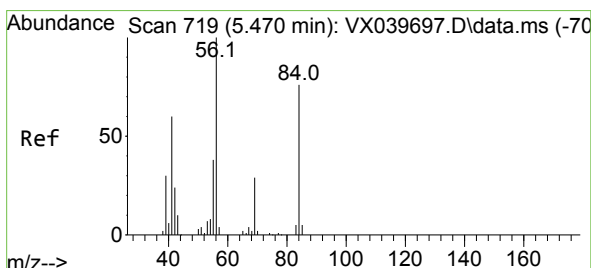
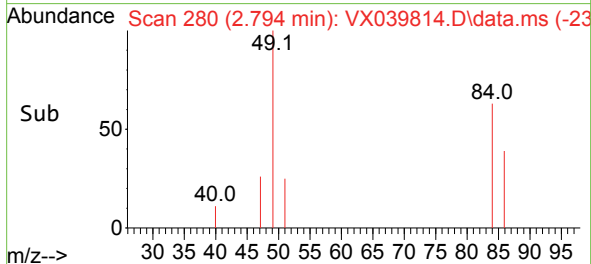
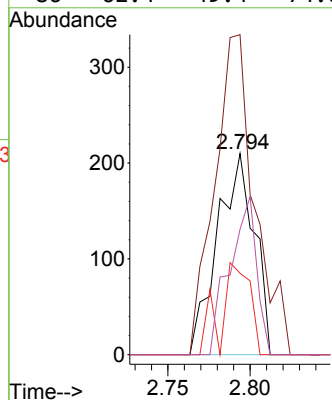
#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039814.D
Acq: 18 Jan 2024 13:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 327

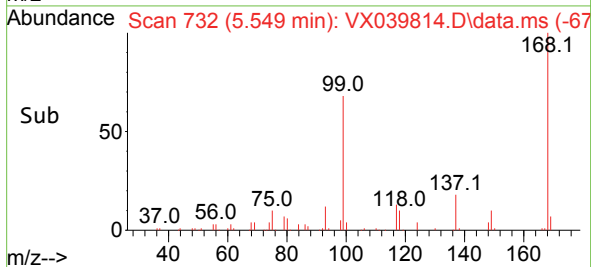
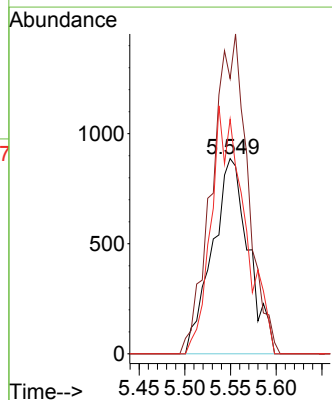
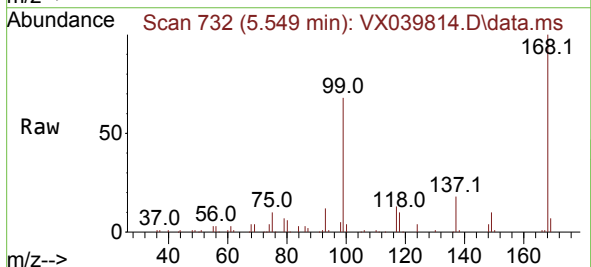
Ion	Ratio	Lower	Upper
84	100		
49	159.0	103.6	155.4#
51	40.5	33.8	50.6
86	62.4	49.4	74.0

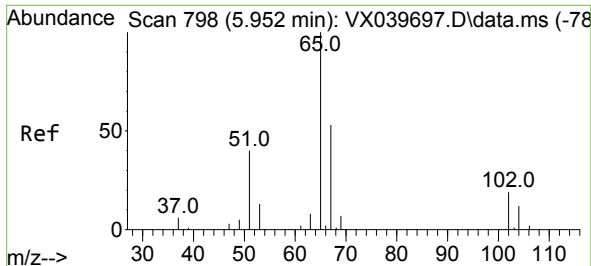


#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039814.D
Acq: 18 Jan 2024 13:30

Tgt Ion: 56 Resp: 2443

Ion	Ratio	Lower	Upper
56	100		
69	140.9	23.4	35.2#
84	120.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.153 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039814.D

Acq: 18 Jan 2024 13:30

Instrument :

MSVOA_X

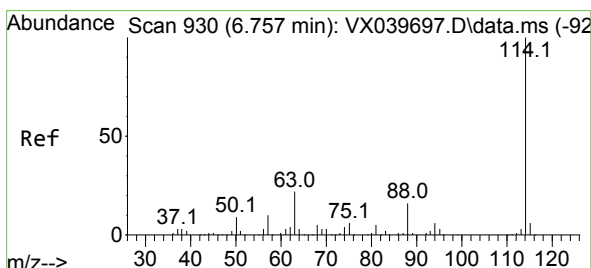
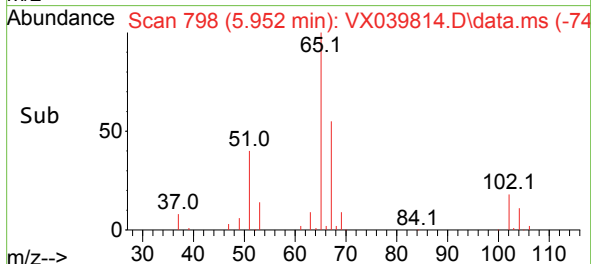
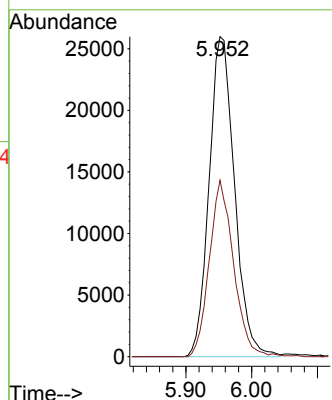
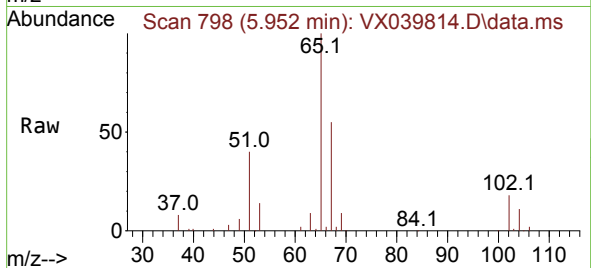
ClientSampleId :

Tgt Ion: 65 Resp: 69928

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039814.D

Acq: 18 Jan 2024 13:30

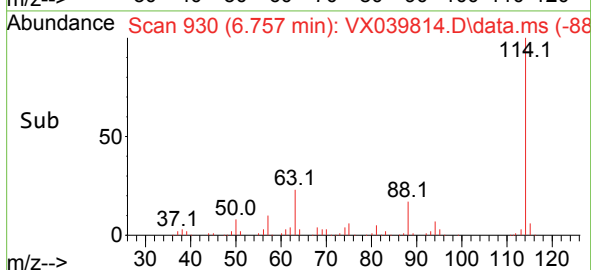
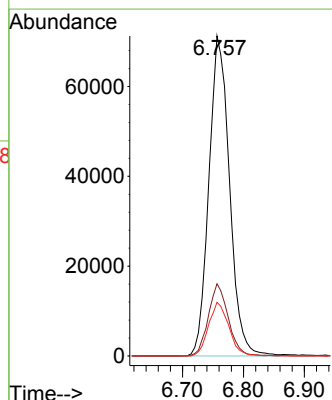
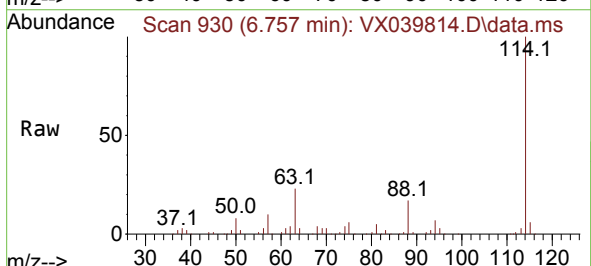
Tgt Ion: 114 Resp: 167794

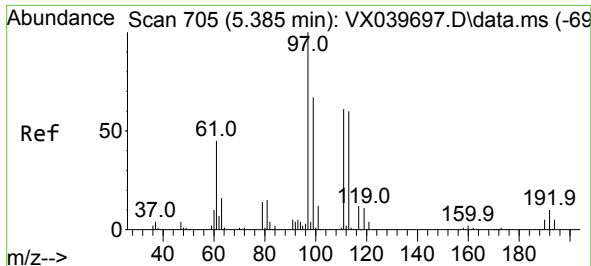
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

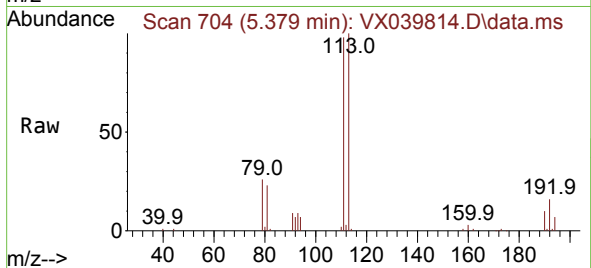
88 16.8 0.0 36.6



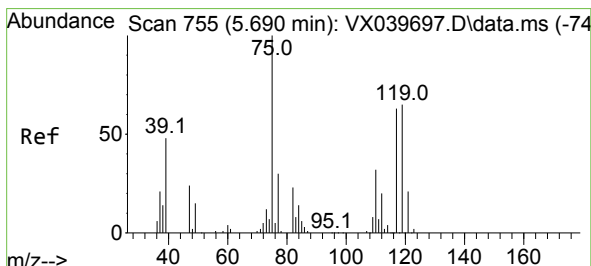
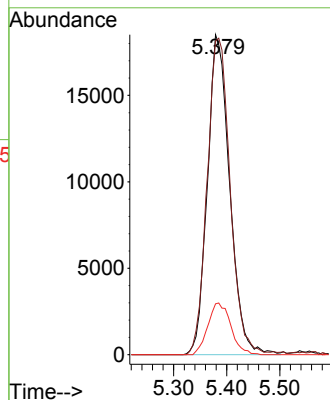
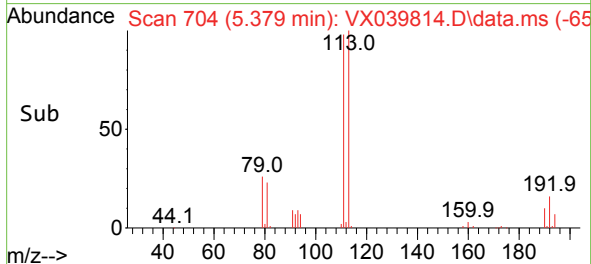


#35
 Dibromofluoromethane
 Concen: 47.794 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX039814.D
 Acq: 18 Jan 2024 13:30

Instrument :
 MSVOA_X
 ClientSampleId :

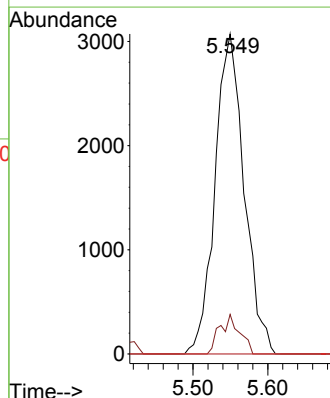
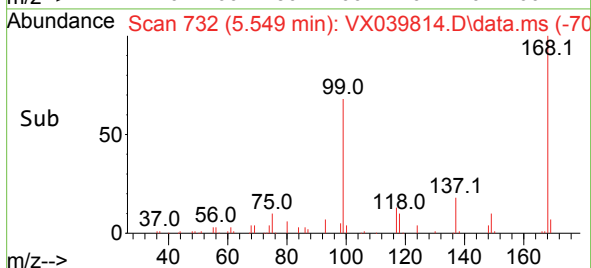
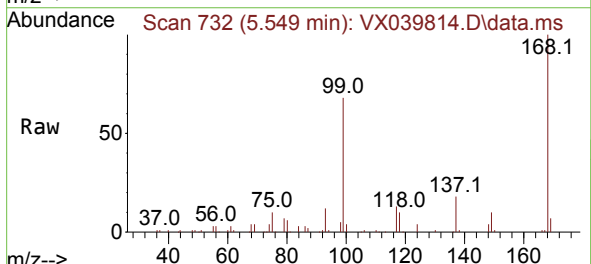


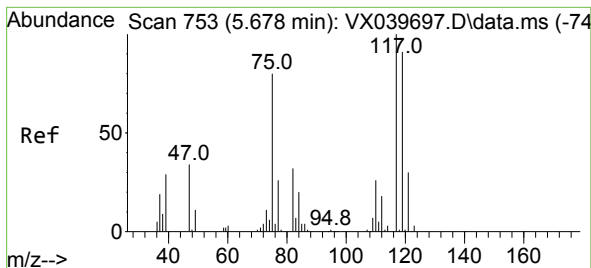
Tgt Ion:113 Resp: 54015
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 16.7 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.737 ug/l
 RT: 5.549 min Scan# 732
 Delta R.T. -0.141 min
 Lab File: VX039814.D
 Acq: 18 Jan 2024 13:30

Tgt Ion: 75 Resp: 8333
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.0 50.9#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.233 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.128 min

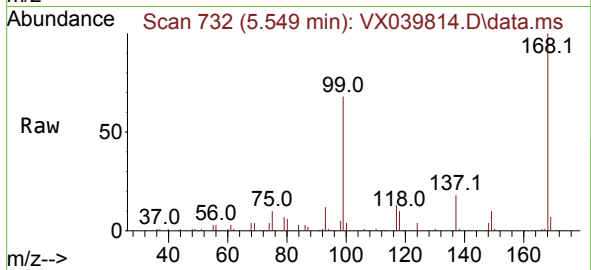
Lab File: VX039814.D

Acq: 18 Jan 2024 13:30

Instrument :

MSVOA_X

ClientSampleId :



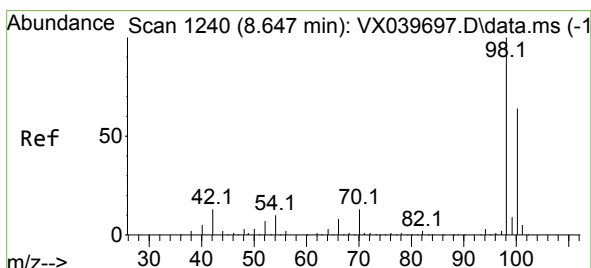
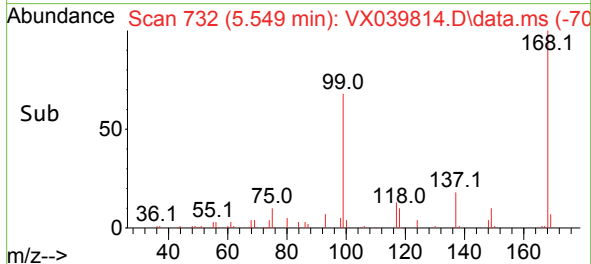
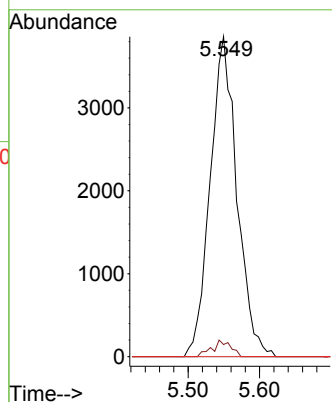
Tgt Ion:117 Resp: 10043

Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.405 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039814.D

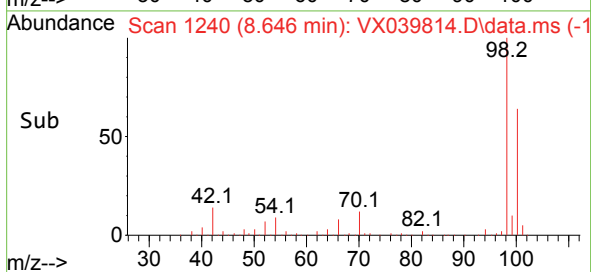
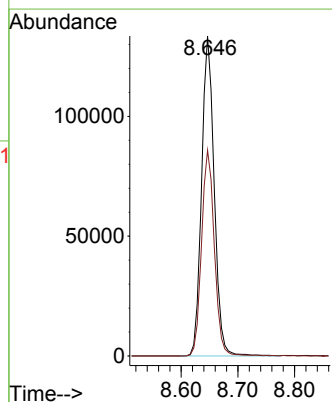
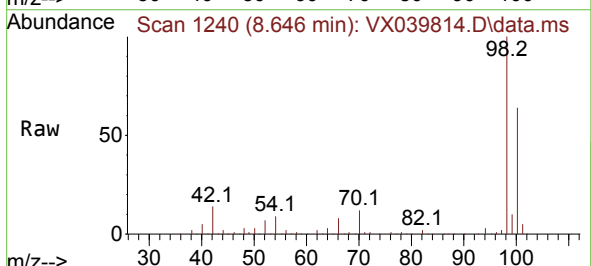
Acq: 18 Jan 2024 13:30

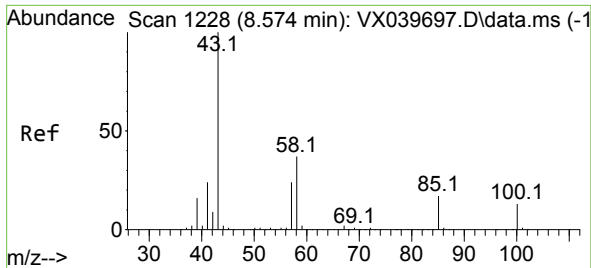
Tgt Ion: 98 Resp: 206324

Ion Ratio Lower Upper

98 100

100 65.1 53.1 79.7

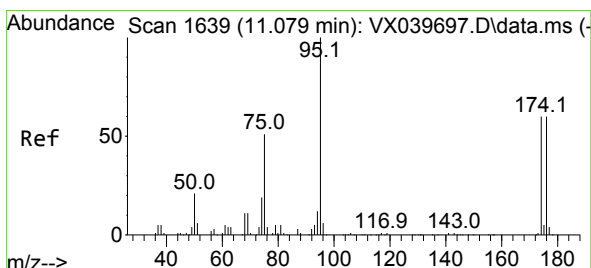
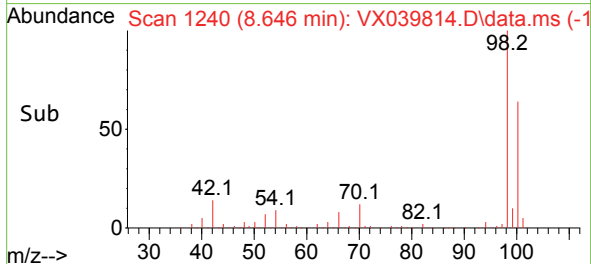
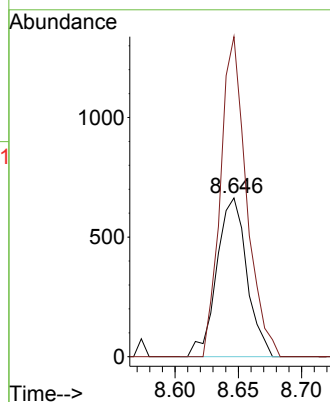
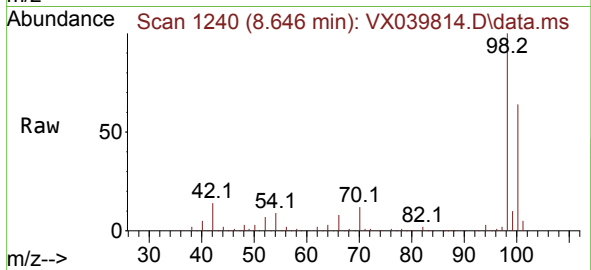




#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039814.D
Acq: 18 Jan 2024 13:30

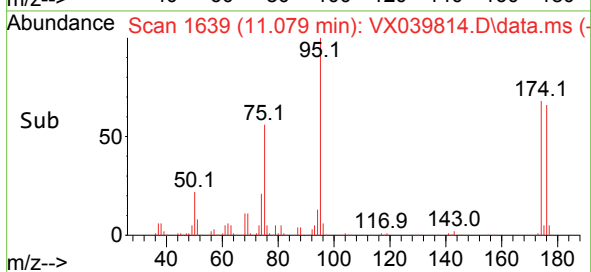
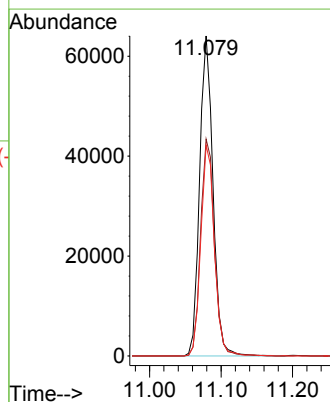
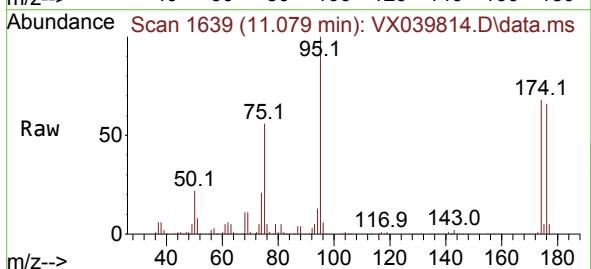
Instrument :
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ClientSampleId :

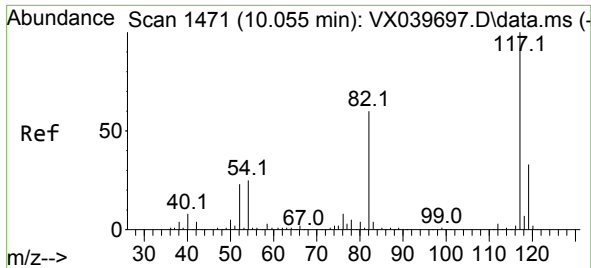
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 174.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039814.D
Acq: 18 Jan 2024 13:30

Tgt Ion: 95 Resp: 83050
Ion Ratio Lower Upper
95 100
174 70.0 0.0 135.6
176 67.2 0.0 131.0

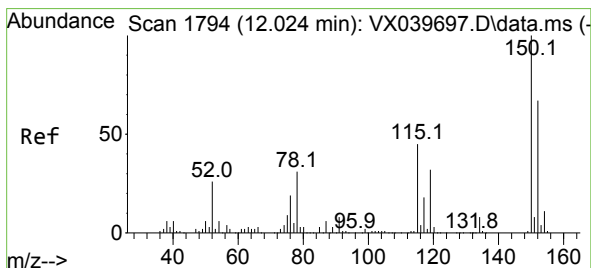
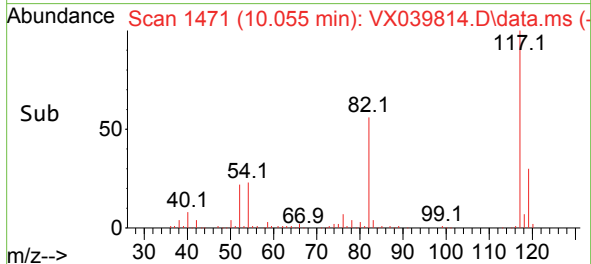
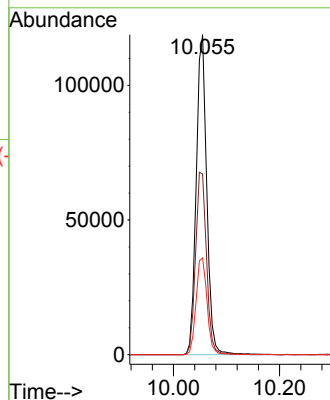
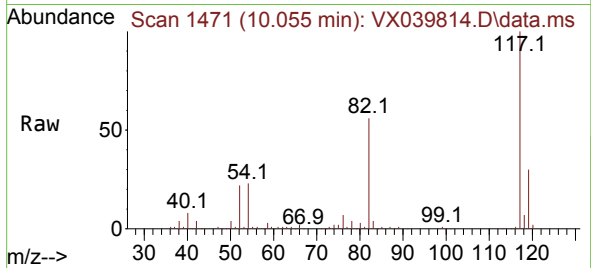




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039814.D
Acq: 18 Jan 2024 13:30

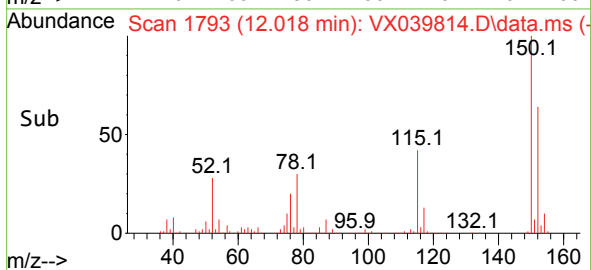
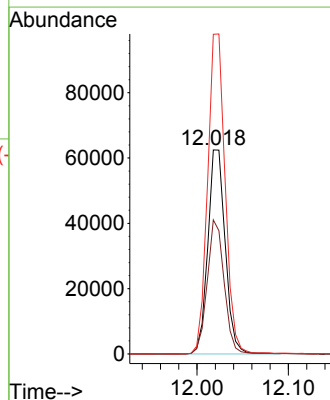
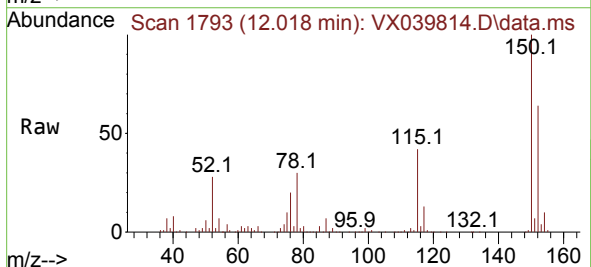
Instrument :
MSVOA_X
ClientSampleId :

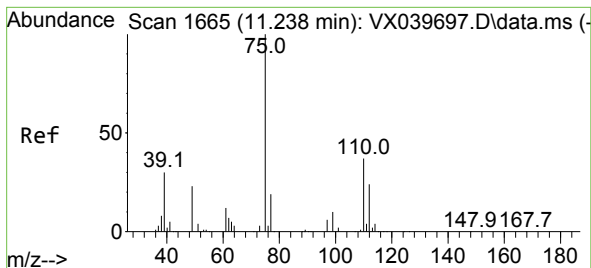
Tgt Ion:117 Resp: 163394
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 30.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039814.D
Acq: 18 Jan 2024 13:30

Tgt Ion:152 Resp: 82632
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 158.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.795 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX039814.D

Acq: 18 Jan 2024 13:30

Instrument :

MSVOA_X

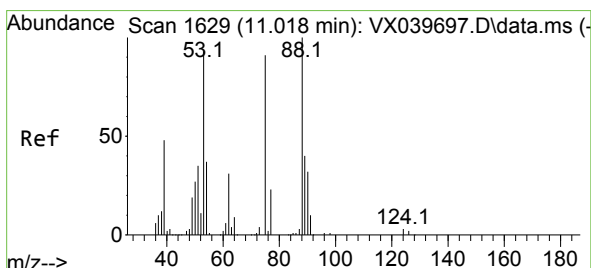
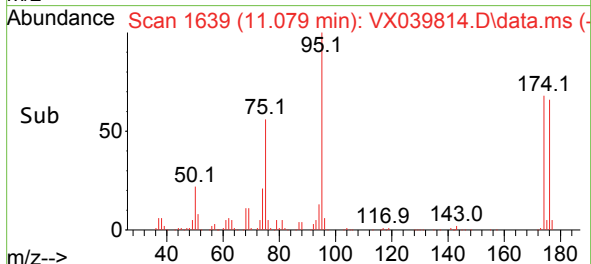
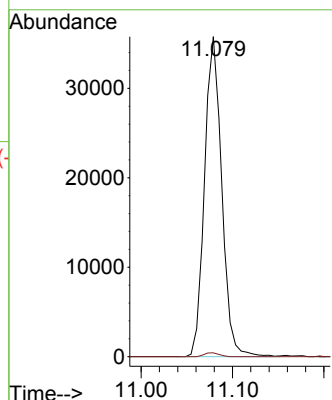
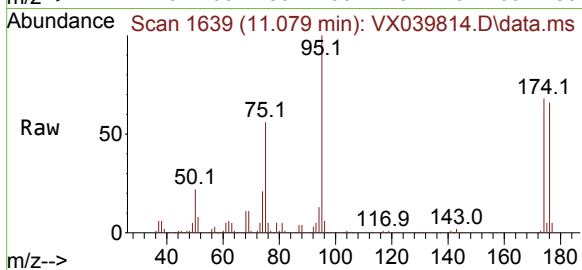
ClientSampleId :

Tgt Ion: 75 Resp: 46692

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.316 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039814.D

Acq: 18 Jan 2024 13:30

Tgt Ion: 75 Resp: 46692

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

