

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038075.D
 Acq On : 04 Oct 2023 19:05
 Operator : JC/MD
 Sample : 04682-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

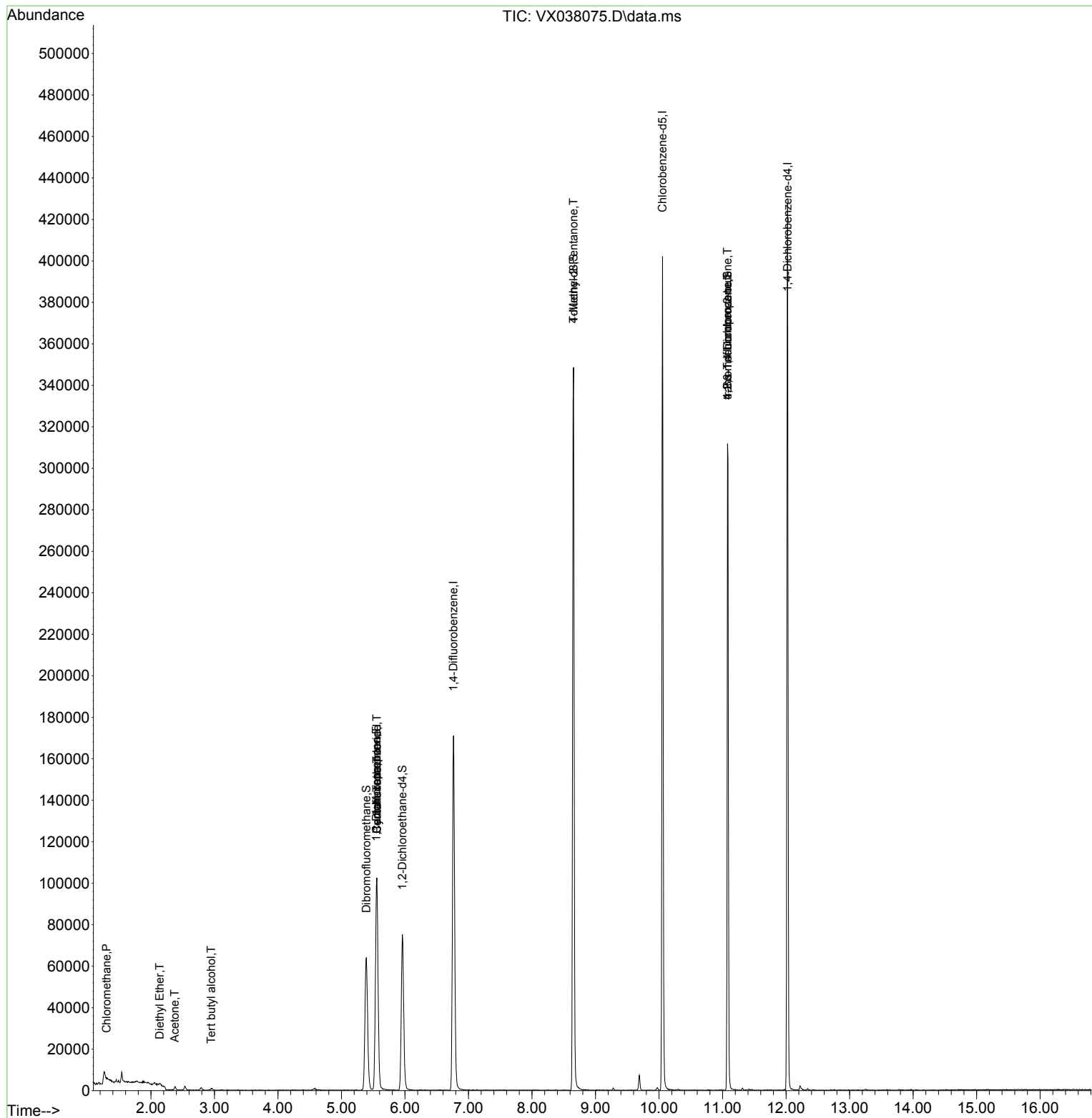
Internal Standards						
1) Pentafluorobenzene	5.556	168	94475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71586	48.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.400%
35) Dibromofluoromethane	5.391	113	54735	46.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.653	98	216246	48.291	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	78304	48.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	845	0.682	ug/l #	67
8) Diethyl Ether	2.136	74	214	0.265	ug/l	93
11) Tert butyl alcohol	2.946	59	426	1.290	ug/l #	78
16) Acetone	2.373	43	1674	2.593	ug/l #	87
20) Methylene Chloride	2.794	84	565	Below Cal		95
31) Cyclohexane	5.556	56	2661	1.548	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	7897	4.580	ug/l #	52
38) Carbon Tetrachloride	5.556	117	10163	6.057	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1086	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45147	22.755	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45147	76.848	ug/l #	5

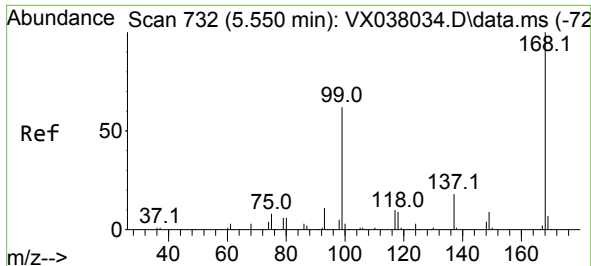
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

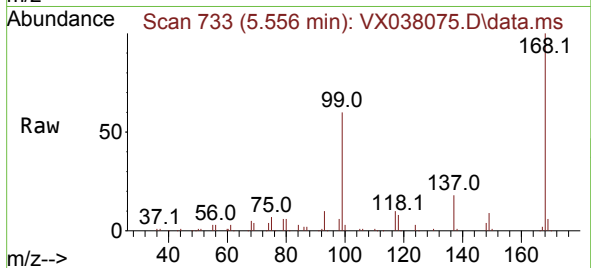
Lab File: VX038075.D

Acq: 04 Oct 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

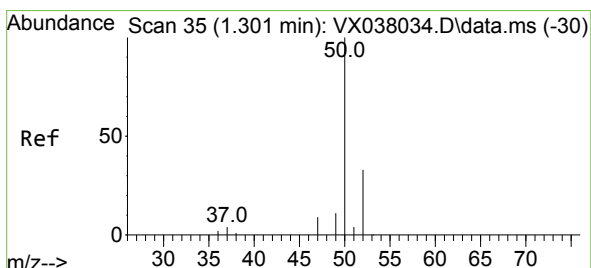
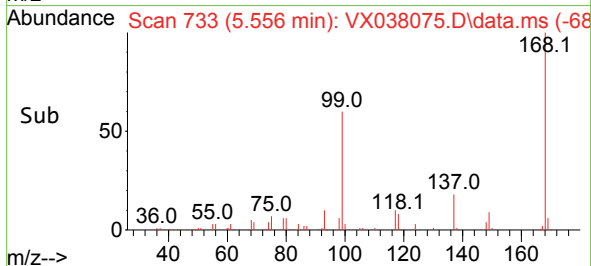
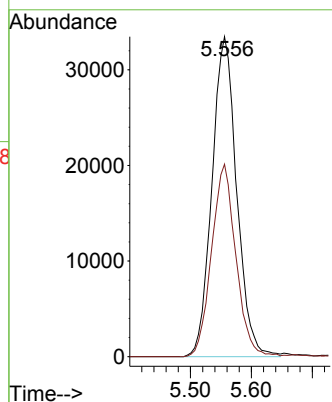


Tgt Ion:168 Resp: 94475

Ion Ratio Lower Upper

168 100

99 60.1 56.6 85.0



#3

Chloromethane

Concen: 0.682 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.001 min

Lab File: VX038075.D

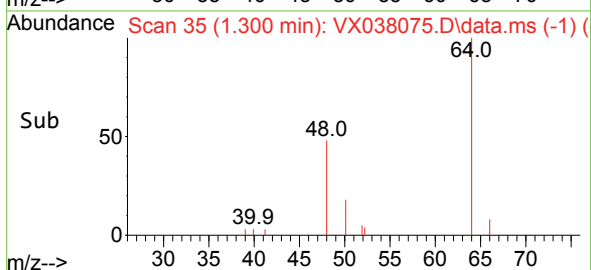
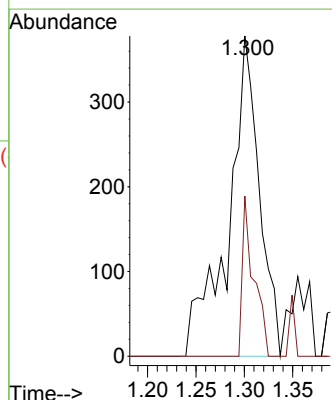
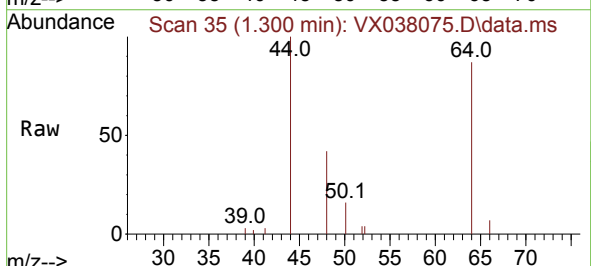
Acq: 04 Oct 2023 19:05

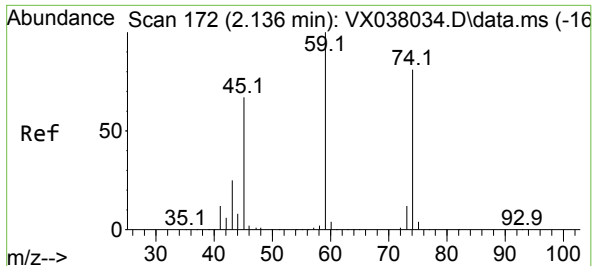
Tgt Ion: 50 Resp: 845

Ion Ratio Lower Upper

50 100

52 50.0 25.5 38.3#

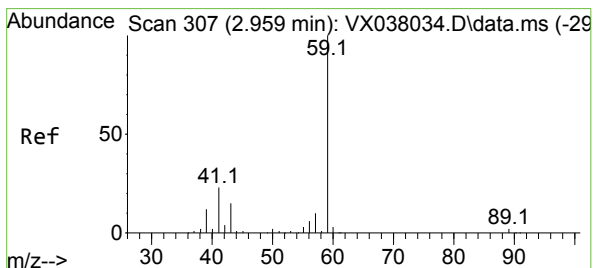
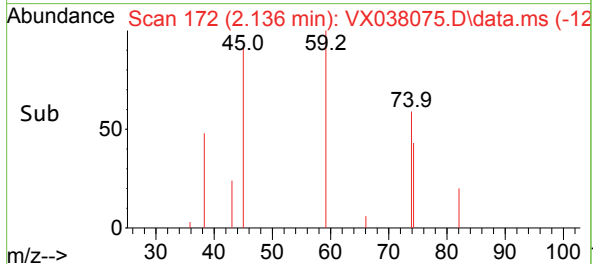
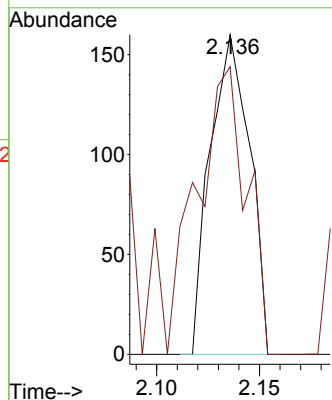
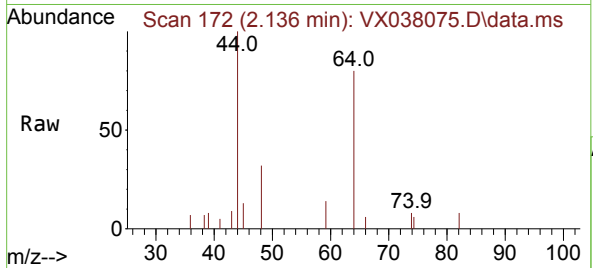




#8
Diethyl Ether
Concen: 0.265 ug/l
RT: 2.136 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038075.D
Acq: 04 Oct 2023 19:05

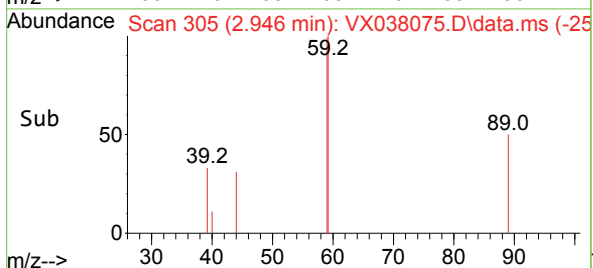
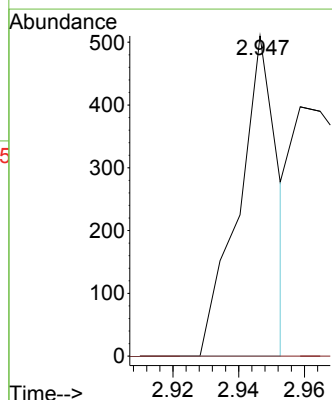
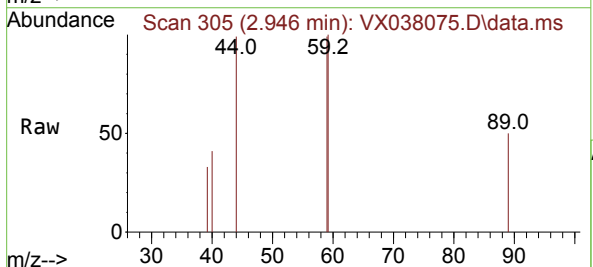
Instrument :
MSVOA_X
ClientSampleId :

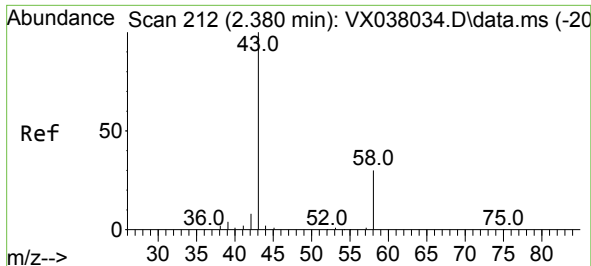
Tgt Ion: 74 Resp: 214
Ion Ratio Lower Upper
74 100
45 114.0 53.3 159.8



#11
Tert butyl alcohol
Concen: 1.290 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038075.D
Acq: 04 Oct 2023 19:05

Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 2.593 ug/l

RT: 2.373 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX038075.D

Acq: 04 Oct 2023 19:05

Instrument :

MSVOA_X

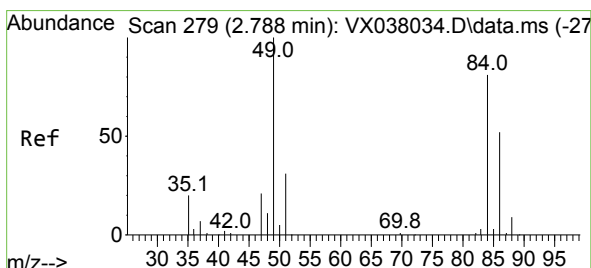
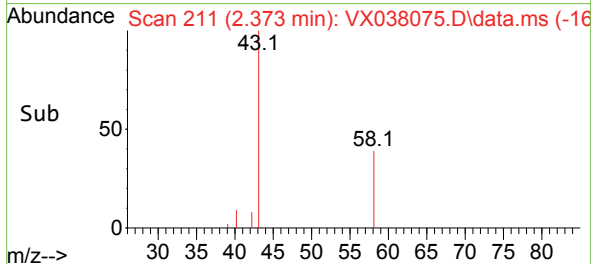
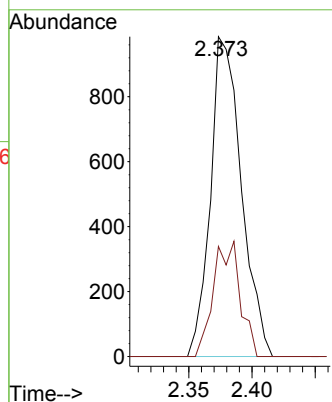
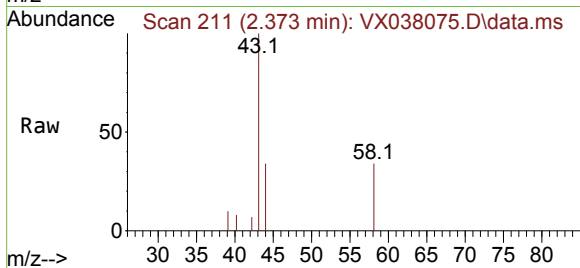
ClientSampleId :

Tgt Ion: 43 Resp: 1674

Ion Ratio Lower Upper

43 100

58 34.4 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038075.D

Acq: 04 Oct 2023 19:05

Tgt Ion: 84 Resp: 565

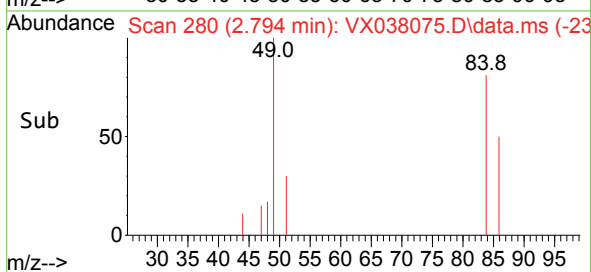
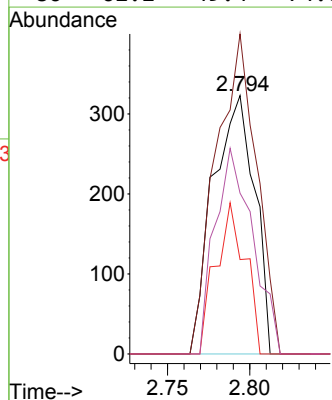
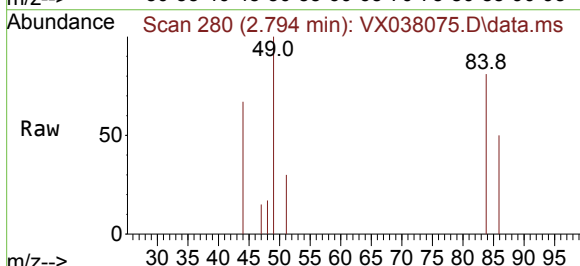
Ion Ratio Lower Upper

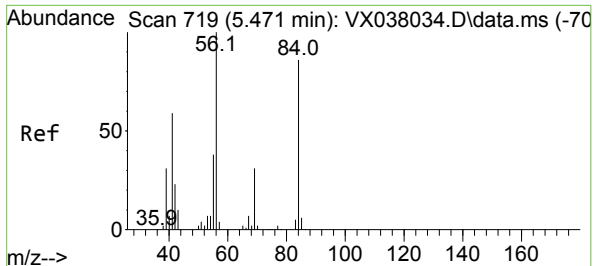
84 100

49 123.8 103.6 155.4

51 36.5 33.8 50.6

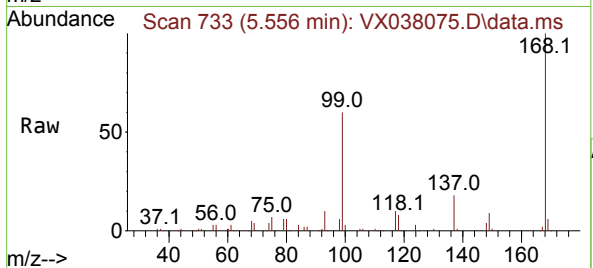
86 62.2 49.4 74.0



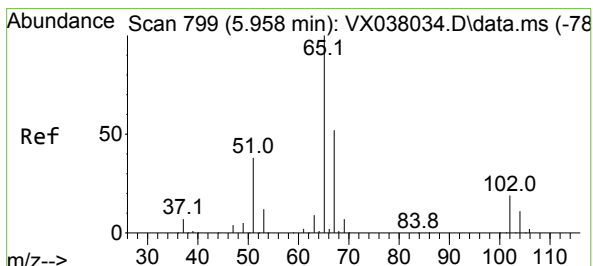
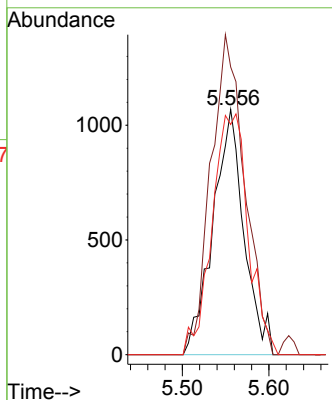
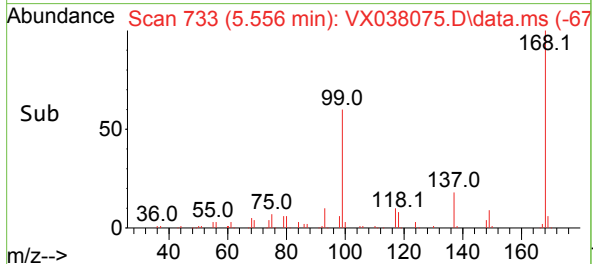


#31
Cyclohexane
Concen: 1.548 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038075.D
Acq: 04 Oct 2023 19:05

Instrument :
MSVOA_X
ClientSampleId :

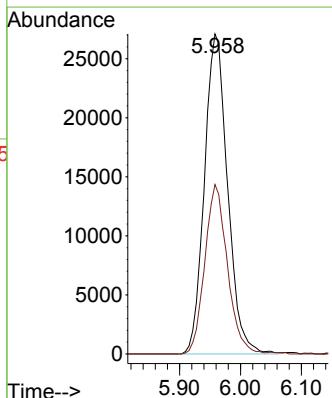
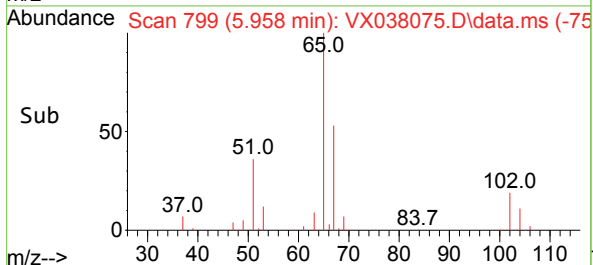
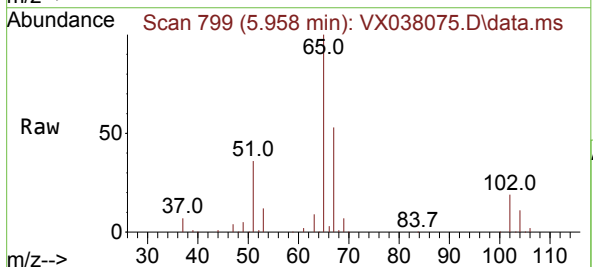


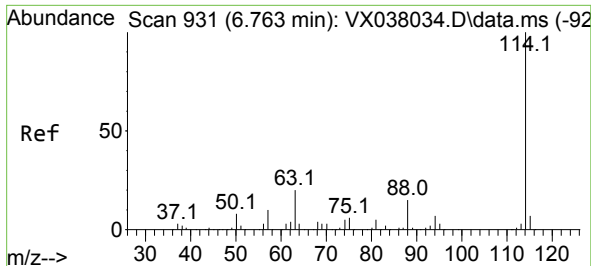
Tgt Ion: 56 Resp: 2661
Ion Ratio Lower Upper
56 100
69 117.3 23.4 35.2#
84 93.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.698 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038075.D
Acq: 04 Oct 2023 19:05

Tgt Ion: 65 Resp: 71586
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

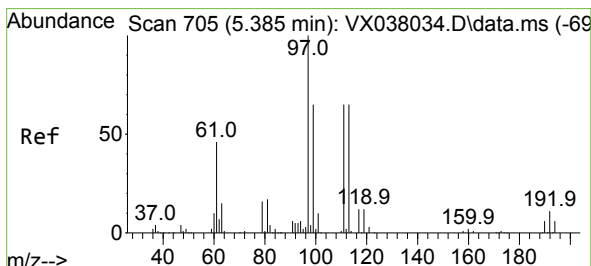
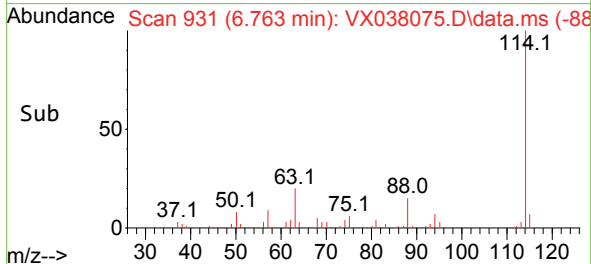
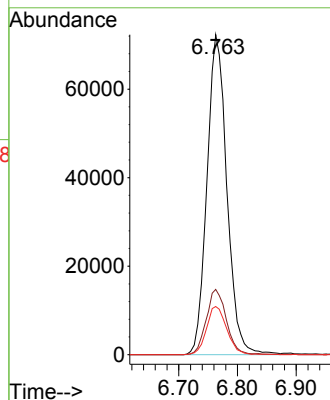
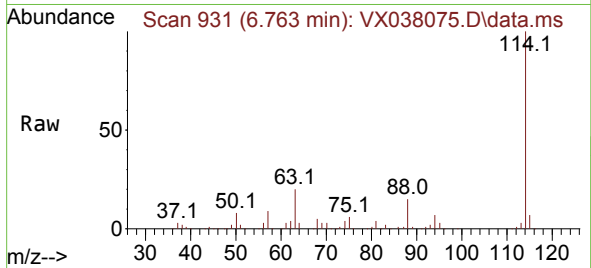




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX038075.D
 Acq: 04 Oct 2023 19:05

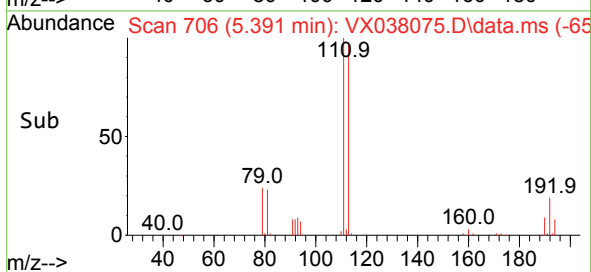
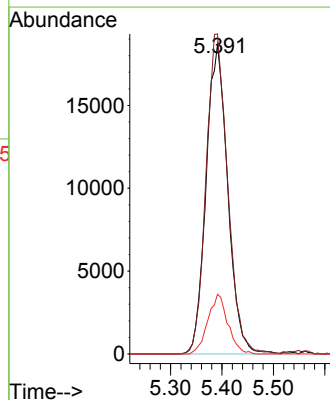
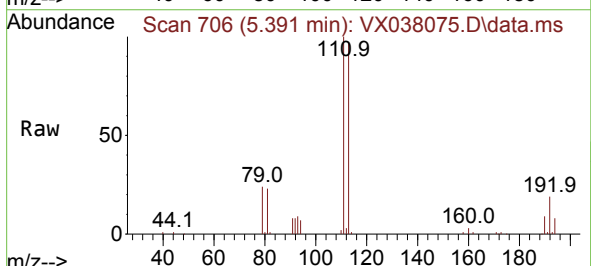
Instrument :
 MSVOA_X
 ClientSampleId :

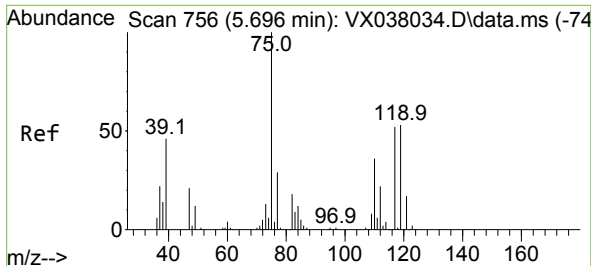
Tgt Ion:114 Resp: 170557
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 15.0 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 46.778 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX038075.D
 Acq: 04 Oct 2023 19:05

Tgt Ion:113 Resp: 54735
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 17.8 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

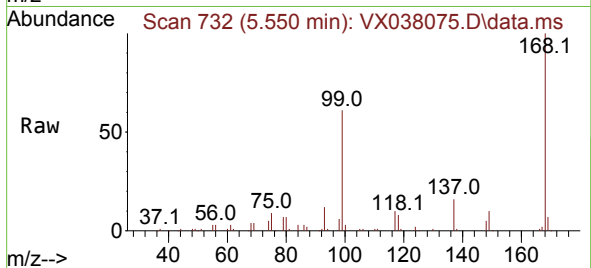
Lab File: VX038075.D

Acq: 04 Oct 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :



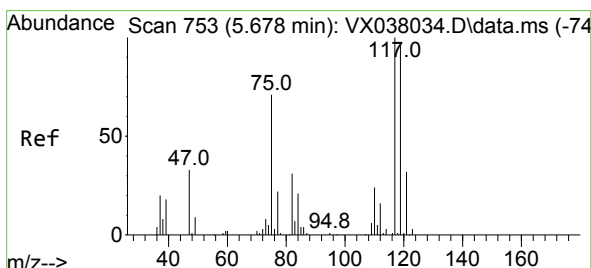
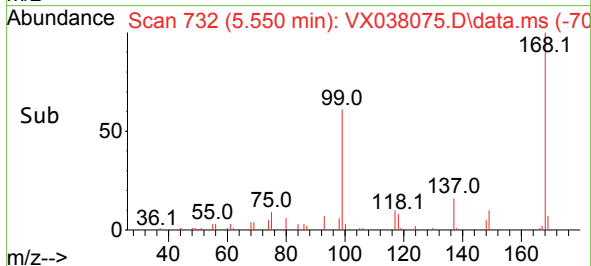
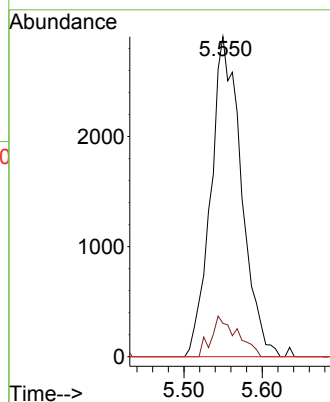
Tgt Ion: 75 Resp: 7897

Ion Ratio Lower Upper

75 100

110 10.8 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.057 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX038075.D

Acq: 04 Oct 2023 19:05

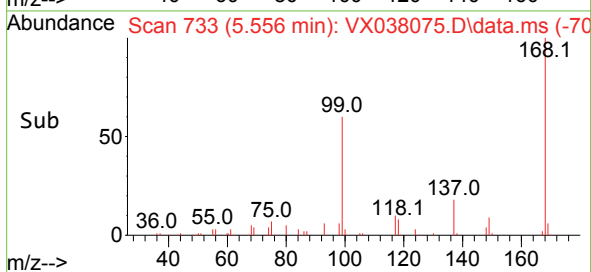
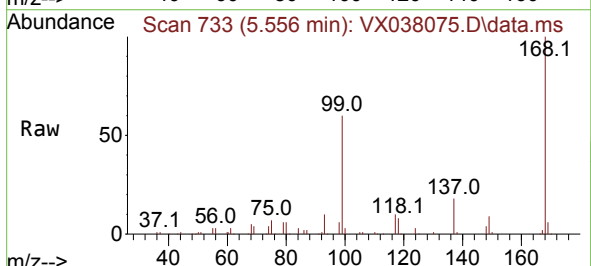
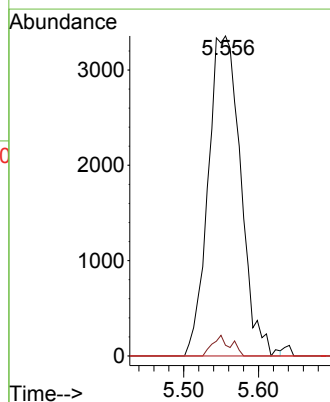
Tgt Ion: 117 Resp: 10163

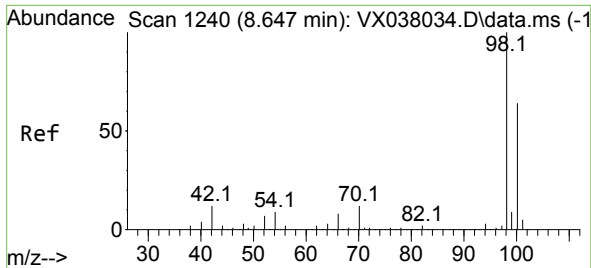
Ion Ratio Lower Upper

117 100

119 3.3 78.2 117.2#

121 0.0 24.4 36.6#

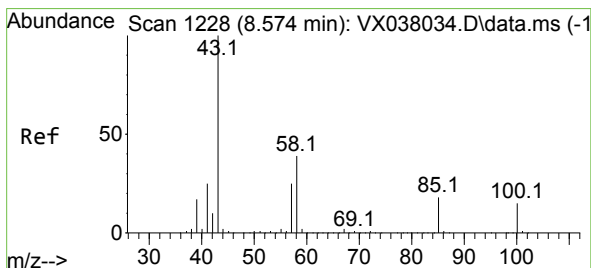
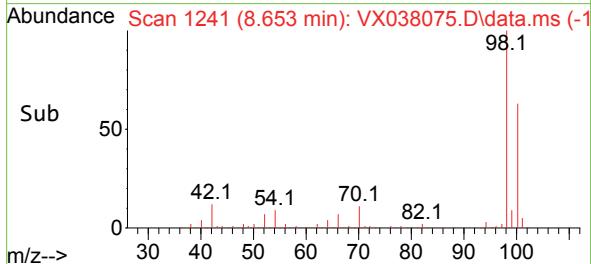
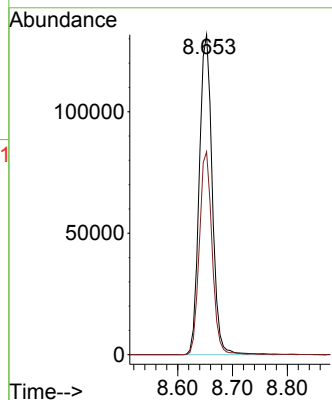
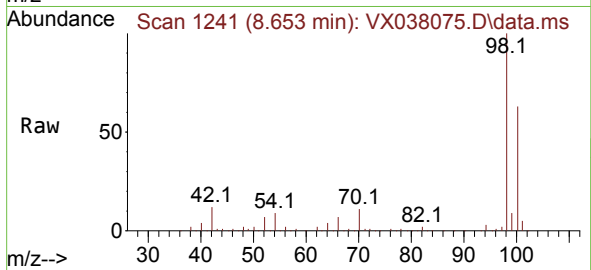




#50
Toluene-d8
Concen: 48.291 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038075.D
Acq: 04 Oct 2023 19:05

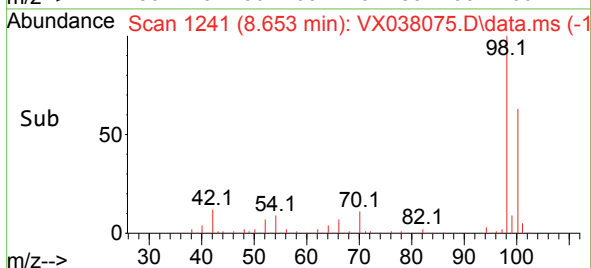
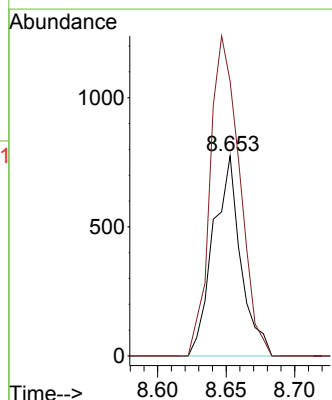
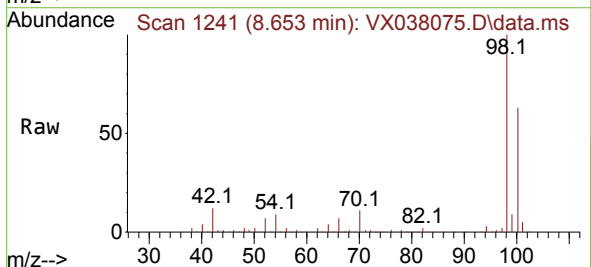
Instrument :
MSVOA_X
ClientSampleId :

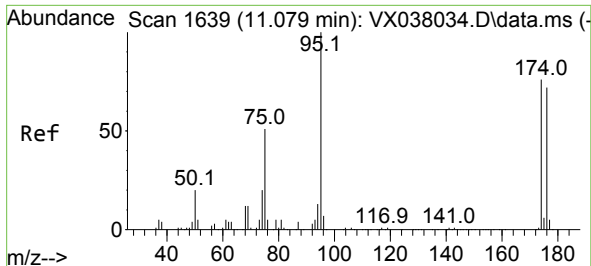
Tgt Ion: 98 Resp: 216246
Ion Ratio Lower Upper
98 100
100 62.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038075.D
Acq: 04 Oct 2023 19:05

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 170.5 30.4 45.6#

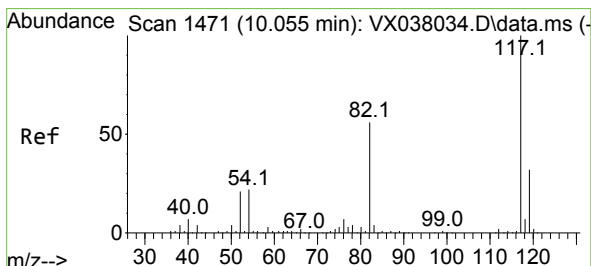
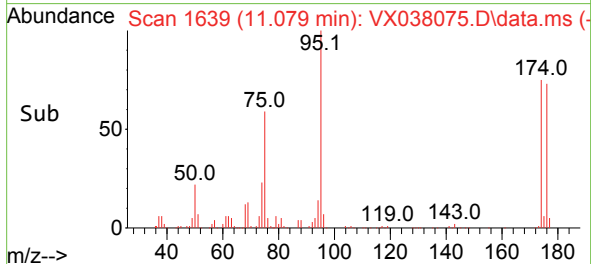
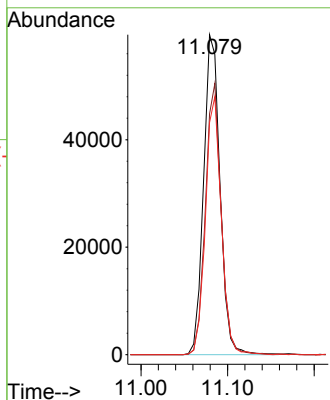
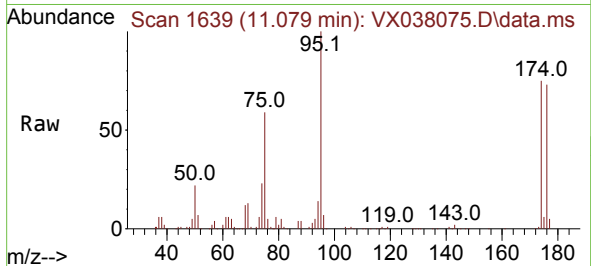




#62
4-Bromofluorobenzene
Concen: 48.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038075.D
Acq: 04 Oct 2023 19:05

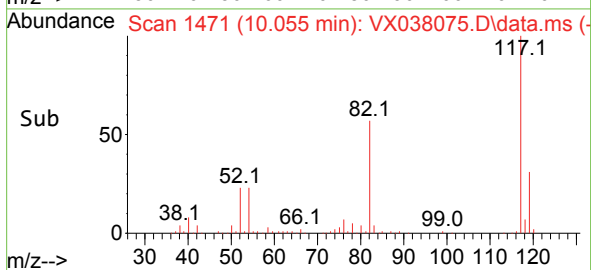
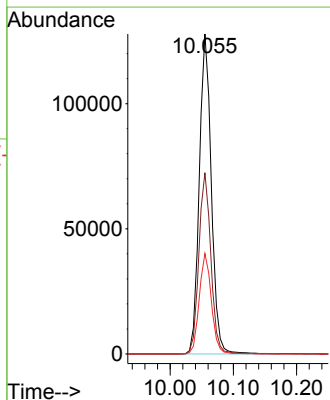
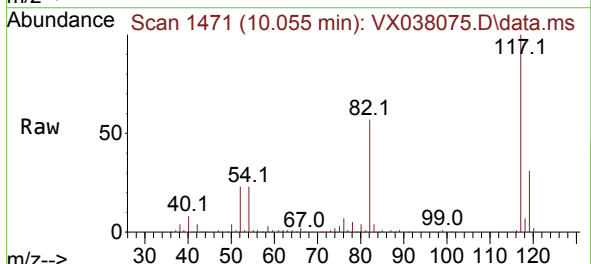
Instrument :
MSVOA_X
ClientSampleId :

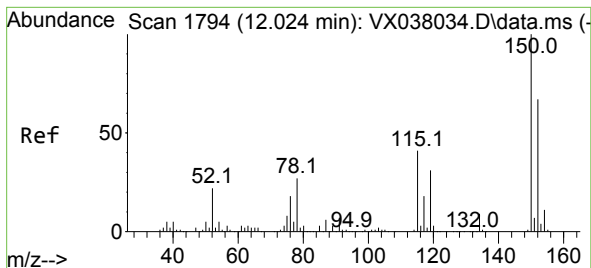
Tgt Ion: 95 Resp: 78304
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 78.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038075.D
Acq: 04 Oct 2023 19:05

Tgt Ion: 117 Resp: 169712
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038075.D

Acq: 04 Oct 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

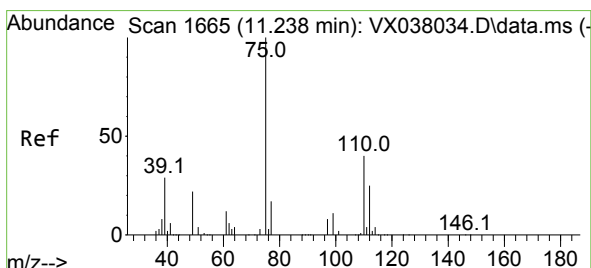
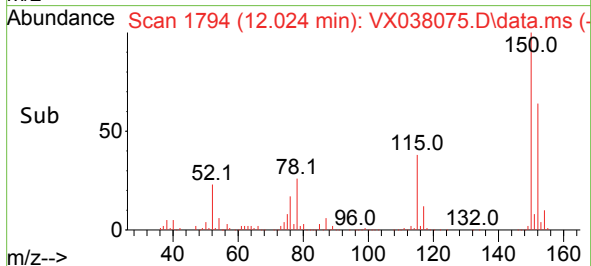
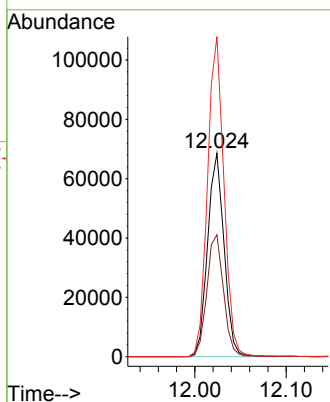
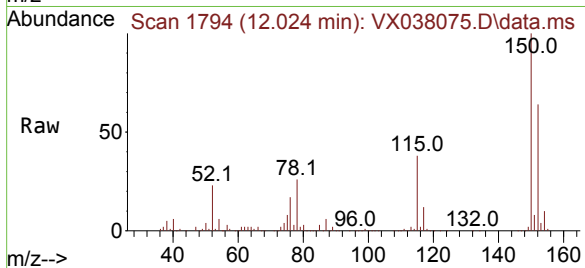
Tgt Ion:152 Resp: 85650

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.755 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038075.D

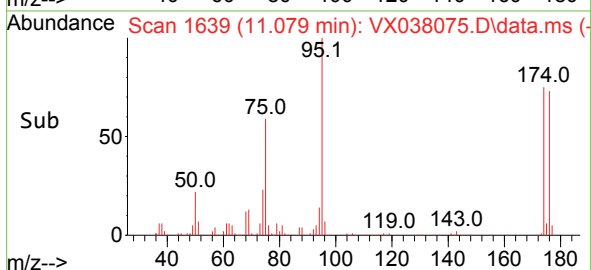
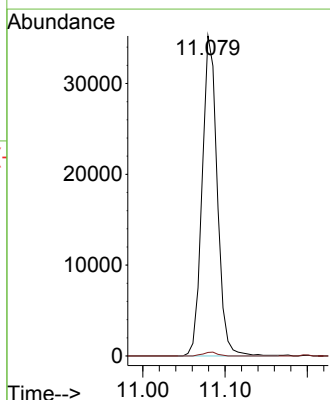
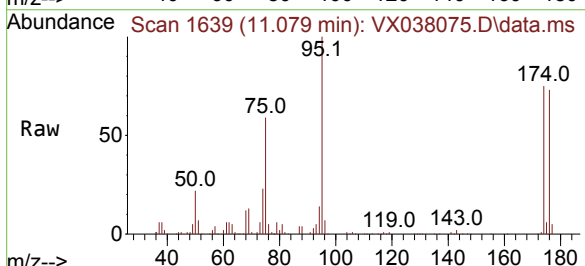
Acq: 04 Oct 2023 19:05

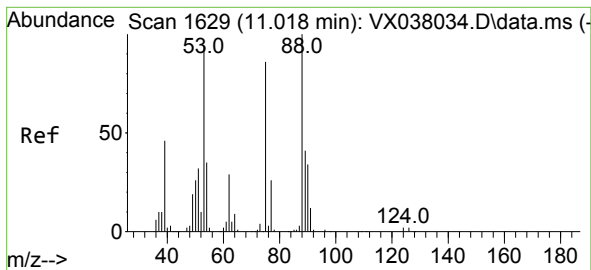
Tgt Ion: 75 Resp: 45147

Ion Ratio Lower Upper

75 100

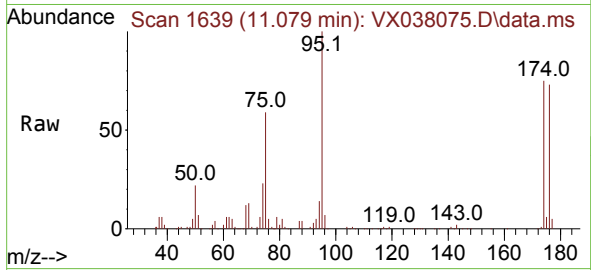
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.848 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038075.D
 Acq: 04 Oct 2023 19:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 45147
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

