

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038441.D
 Acq On : 23 Oct 2023 18:33
 Operator : JC/MD
 Sample : 05007-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:06:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

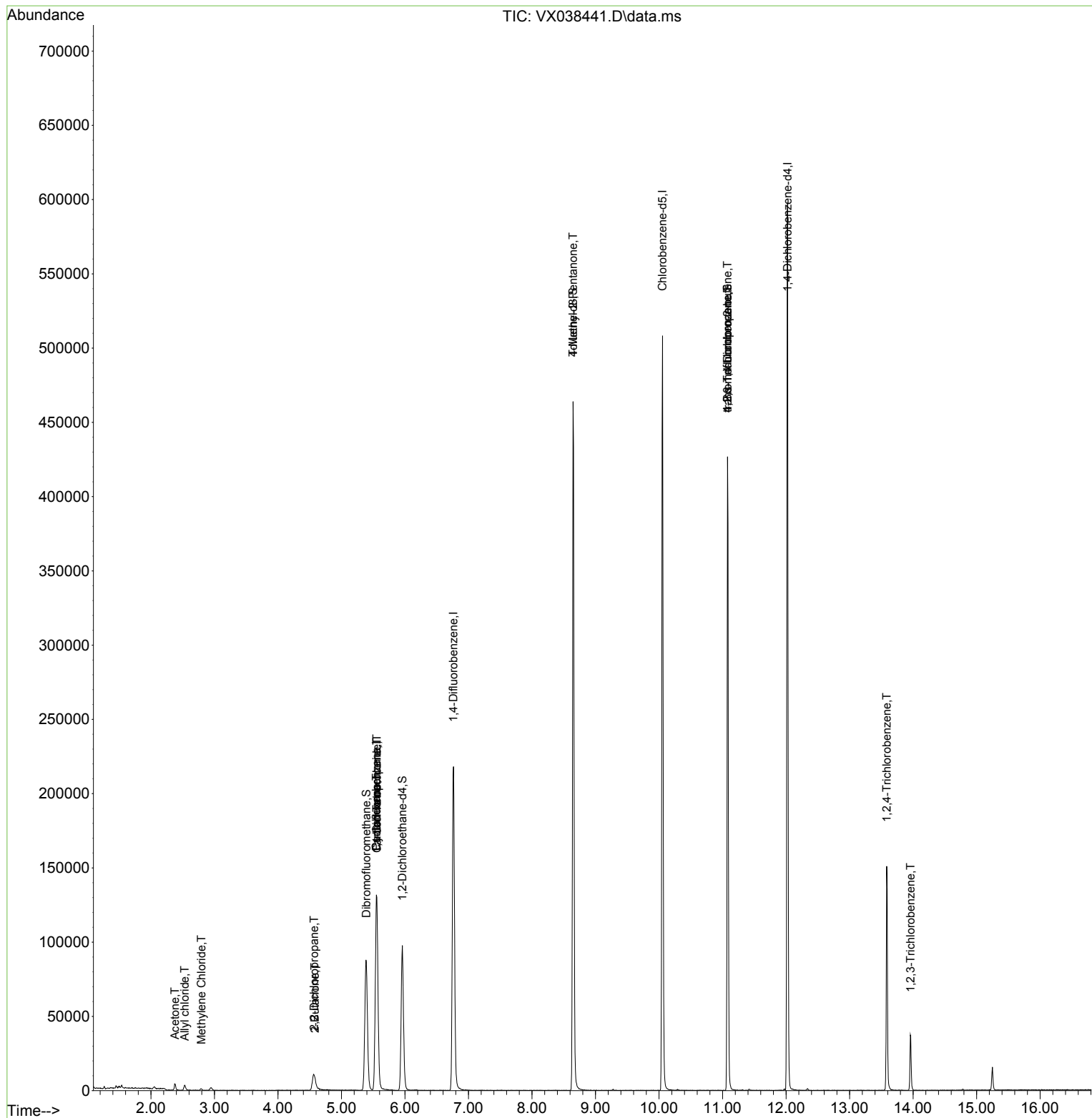
Internal Standards						
1) Pentafluorobenzene	5.550	168	127034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91432	44.748	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.500%
35) Dibromofluoromethane	5.391	113	76096	45.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.160%
50) Toluene-d8	8.647	98	285618	44.775	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.540%#
62) 4-Bromofluorobenzene	11.079	95	110576	45.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	39	Below Cal	#	3
6) Chloroethane	1.660	64	114	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	1362	Below Cal	#	78
14) Allyl chloride	2.532	41	428	0.206	ug/l #	51
16) Acetone	2.380	43	4384	5.141	ug/l	95
20) Methylene Chloride	2.794	84	539	0.336	ug/l #	85
25) 2-Butanone	4.580	43	788	0.573	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	1040	0.504	ug/l #	54
31) Cyclohexane	5.550	56	2925	1.321	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10880	4.726	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13505	5.964	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1209	0.429	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59407	20.884	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59407	60.093	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	35807	13.497	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	9322	3.629	ug/l	98

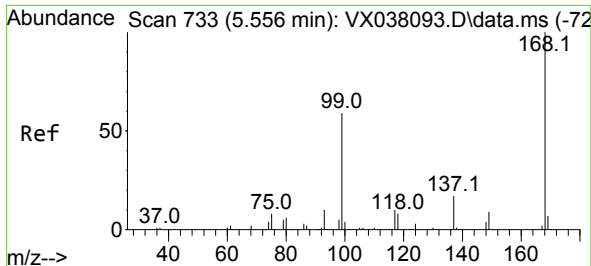
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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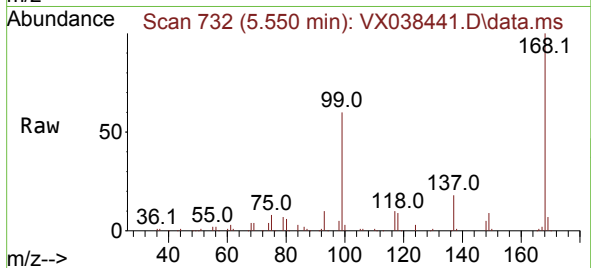
Quant Time: Oct 24 00:06:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



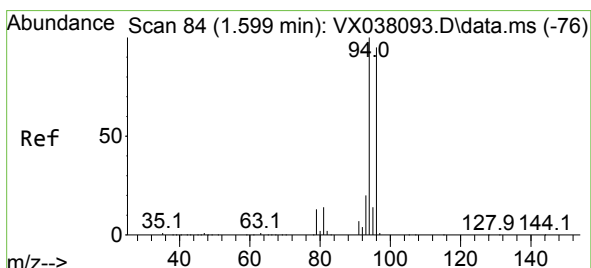
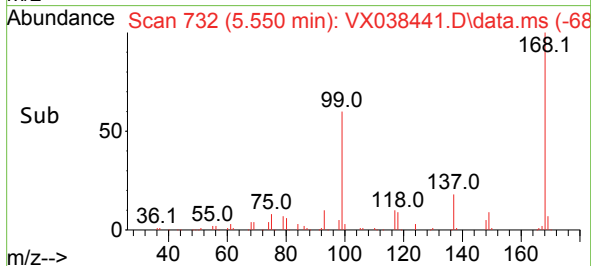
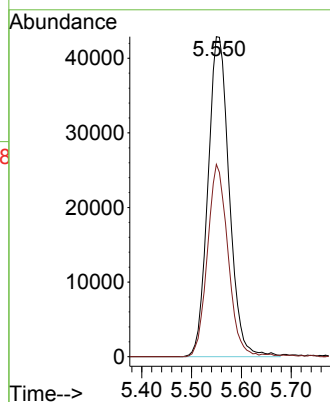


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Instrument :
MSVOA_X
ClientSampleId :

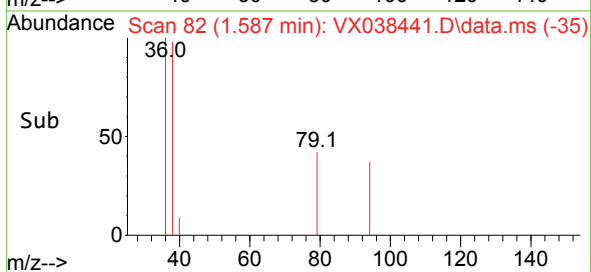
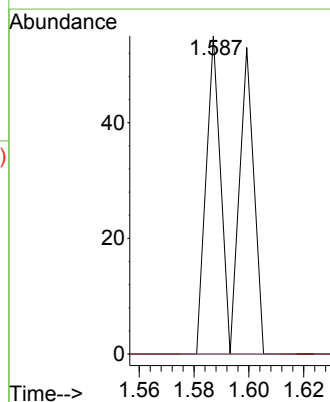
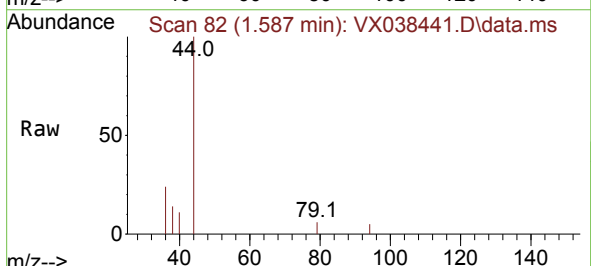


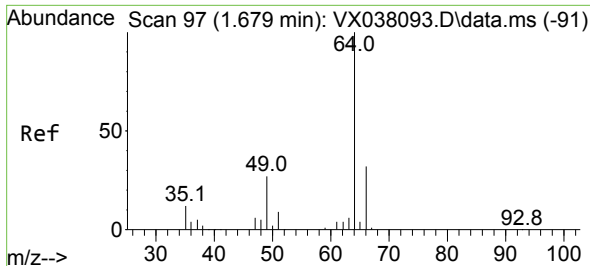
Tgt Ion:168 Resp: 127034
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion: 94 Resp: 39
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

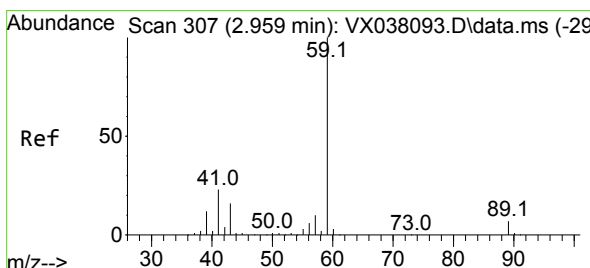
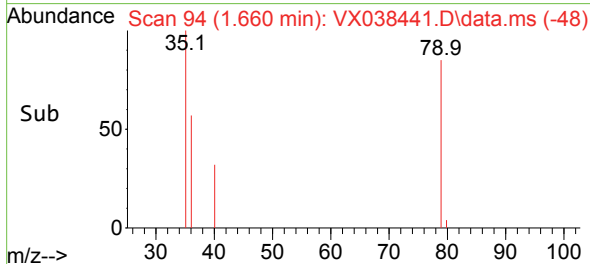
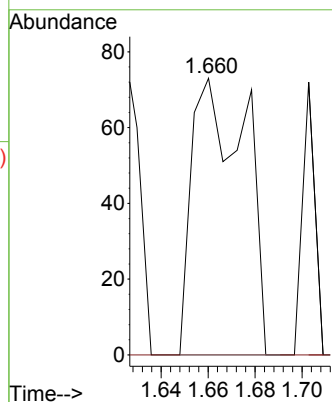
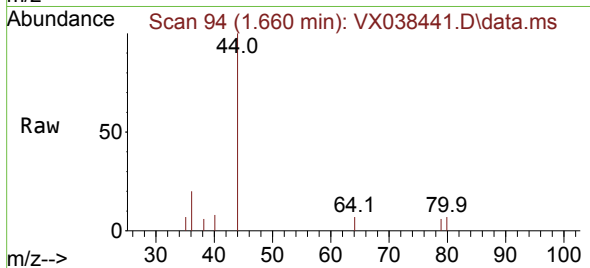




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

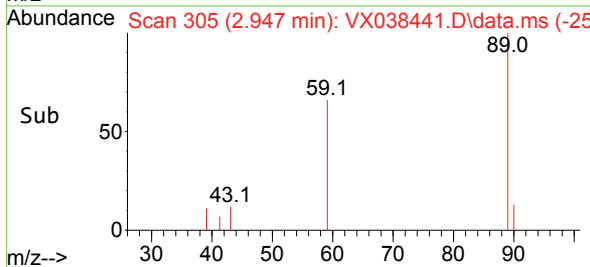
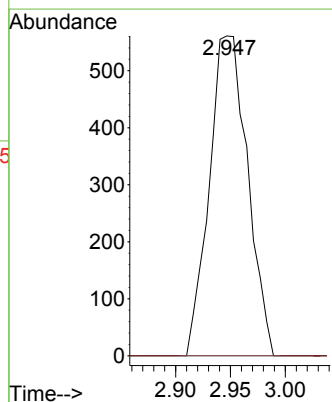
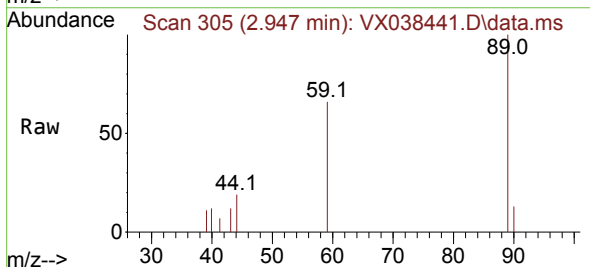
Instrument :
MSVOA_X
ClientSampleId :

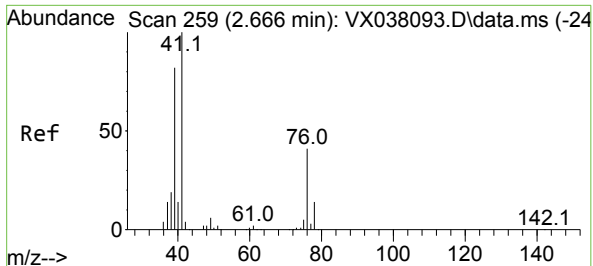
Tgt Ion: 64 Resp: 114
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion: 59 Resp: 1362
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#14

Allyl chloride

Concen: 0.206 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.128 min

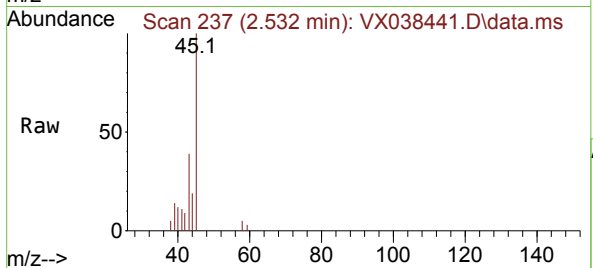
Lab File: VX038441.D

Acq: 23 Oct 2023 18:33

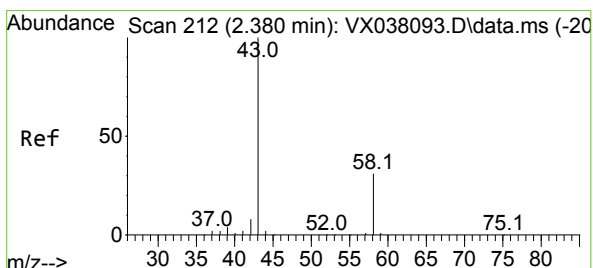
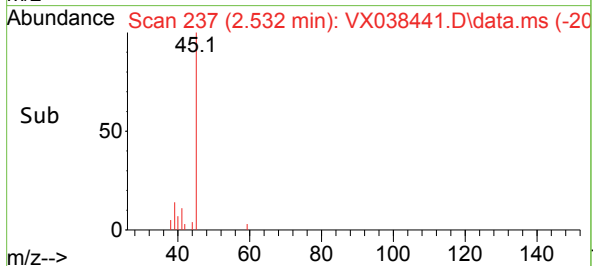
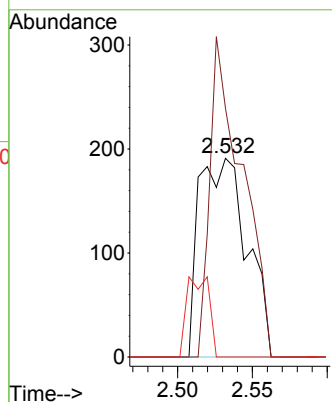
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 41	Resp: 428
Ion Ratio	Lower Upper
41	100
39	107.9 55.8 83.6#
76	0.0 24.3 36.5#



#16

Acetone

Concen: 5.141 ug/l

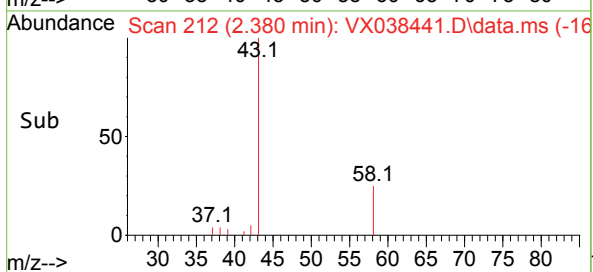
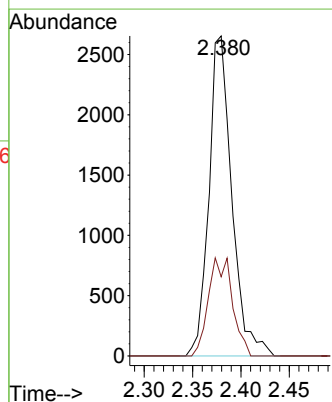
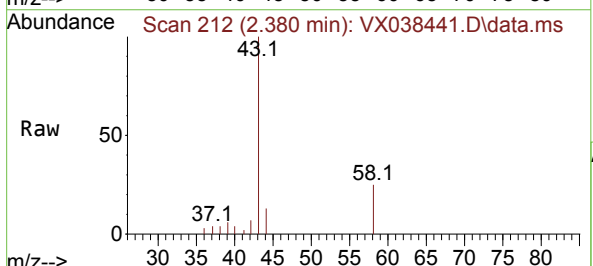
RT: 2.380 min Scan# 212

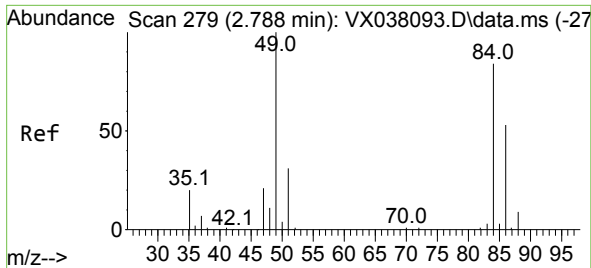
Delta R.T. -0.000 min

Lab File: VX038441.D

Acq: 23 Oct 2023 18:33

Tgt Ion: 43	Resp: 4384
Ion Ratio	Lower Upper
43	100
58	24.7 21.9 32.9





#20

Methylene Chloride

Concen: 0.336 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

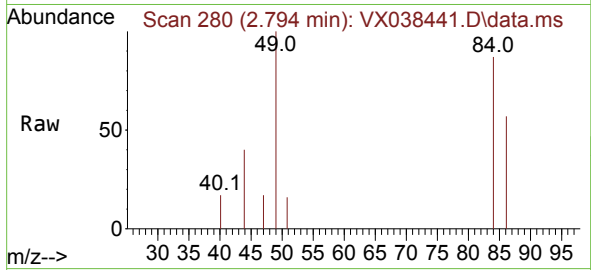
Lab File: VX038441.D

Acq: 23 Oct 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 539

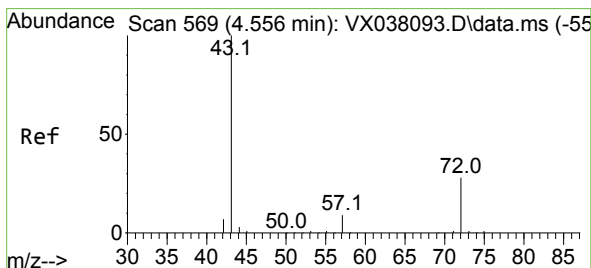
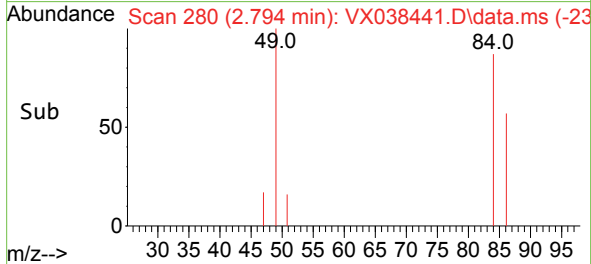
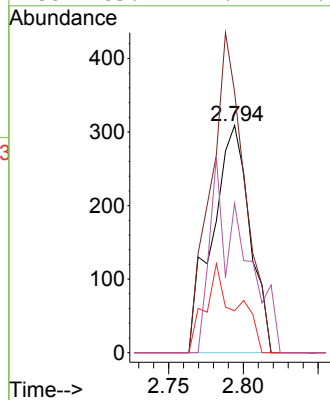
Ion Ratio Lower Upper

84 100

49 114.6 103.6 155.4

51 18.4 33.8 50.6#

86 65.7 49.4 74.0



#25

2-Butanone

Concen: 0.573 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX038441.D

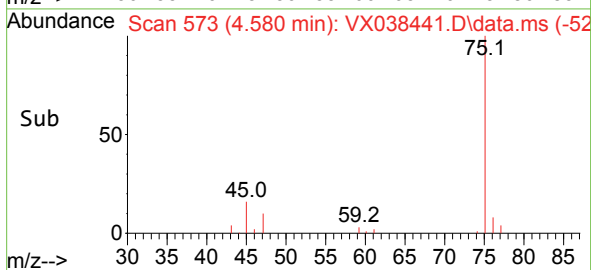
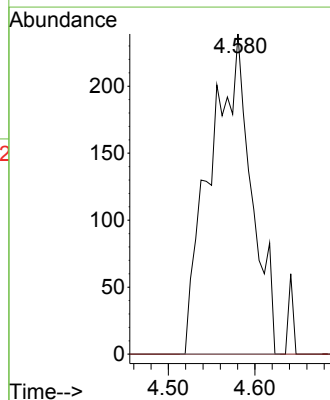
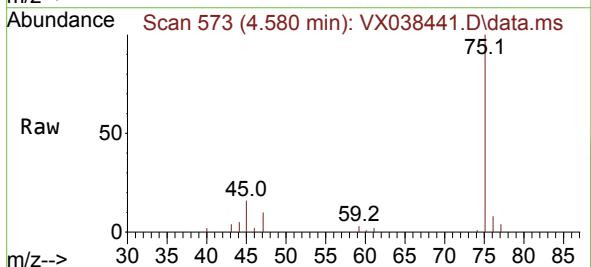
Acq: 23 Oct 2023 18:33

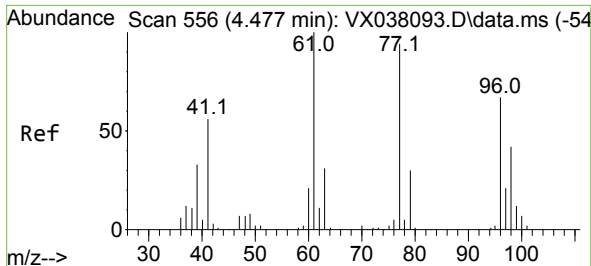
Tgt Ion: 43 Resp: 788

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.504 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.091 min

Lab File: VX038441.D

Acq: 23 Oct 2023 18:33

Instrument :

MSVOA_X

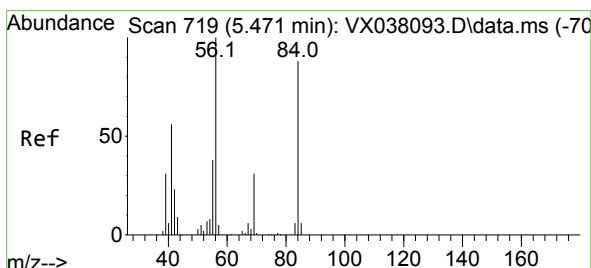
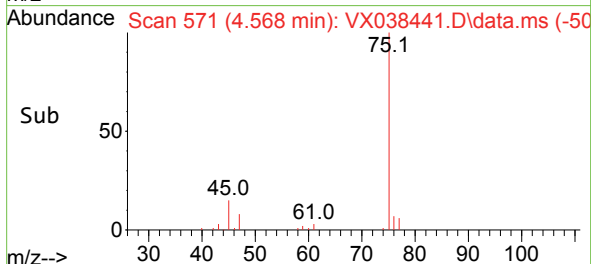
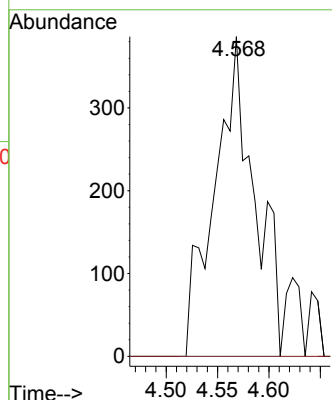
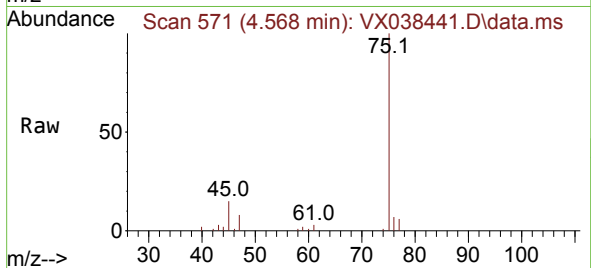
ClientSampleId :

Tgt Ion: 77 Resp: 1040

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.321 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038441.D

Acq: 23 Oct 2023 18:33

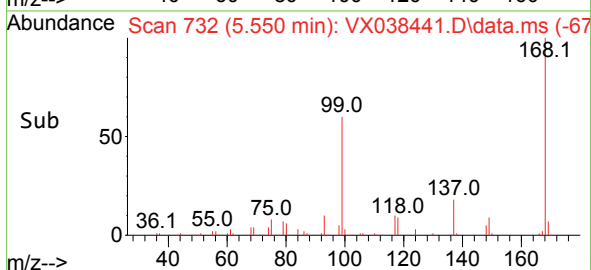
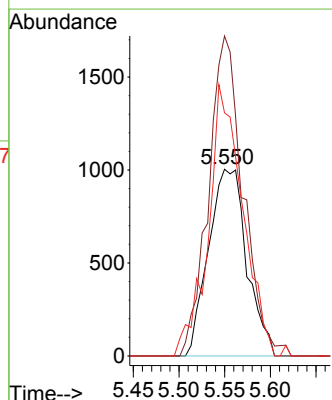
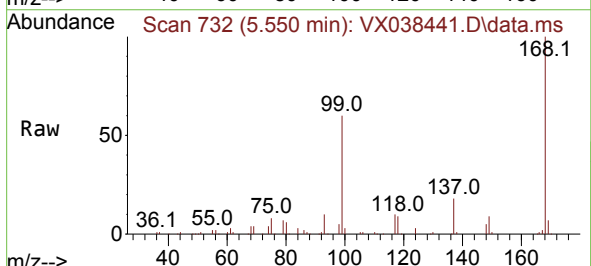
Tgt Ion: 56 Resp: 2925

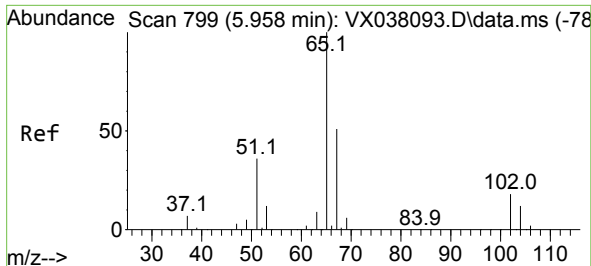
Ion Ratio Lower Upper

56 100

69 171.4 23.4 35.2#

84 130.3 65.9 98.9#

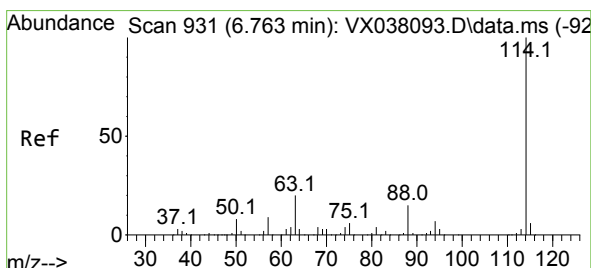
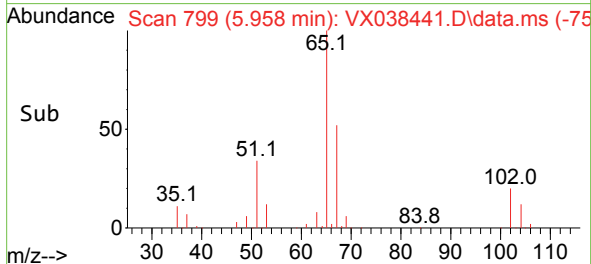
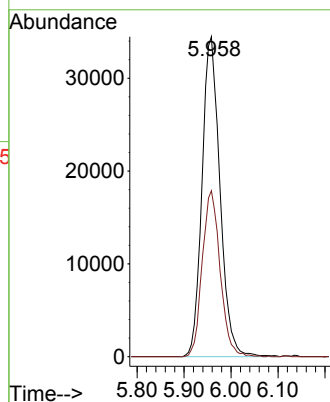
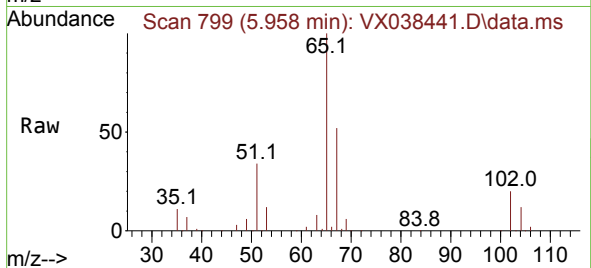




#33
 1,2-Dichloroethane-d4
 Concen: 44.748 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038441.D
 Acq: 23 Oct 2023 18:33

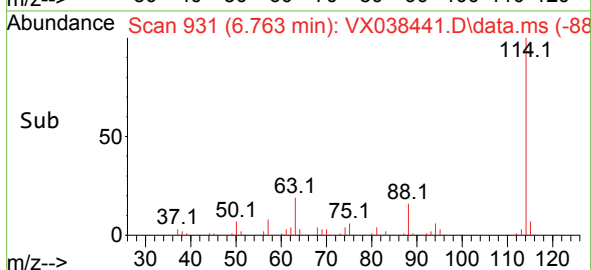
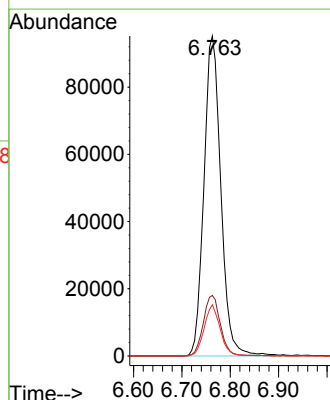
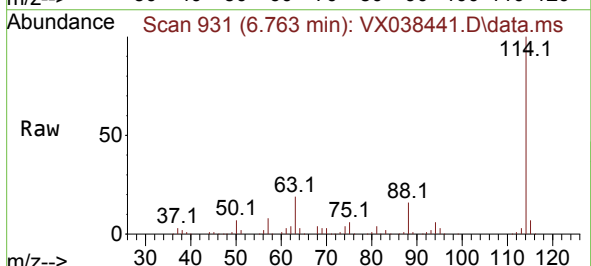
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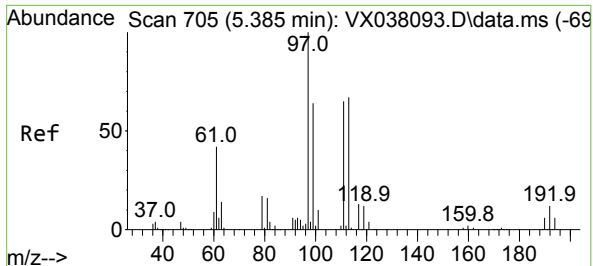
Tgt Ion: 65 Resp: 91432
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038441.D
 Acq: 23 Oct 2023 18:33

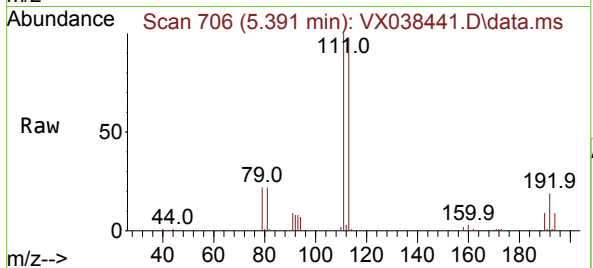
Tgt Ion:114 Resp: 231672
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 16.0 0.0 36.6



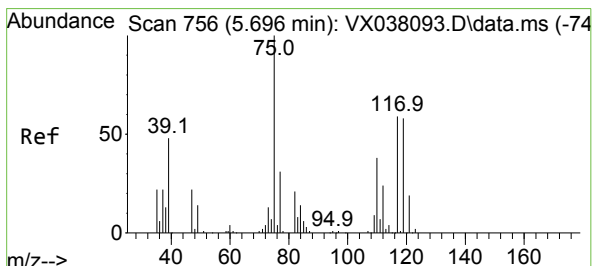
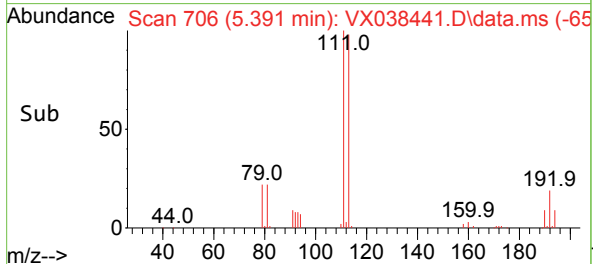
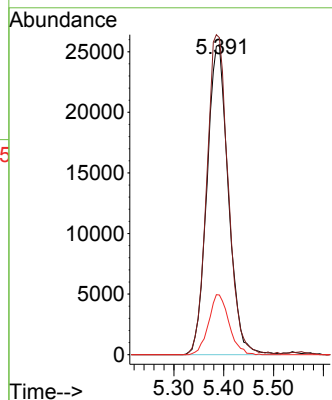


#35
Dibromofluoromethane
Concen: 45.584 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Instrument :
MSVOA_X
ClientSampleId :

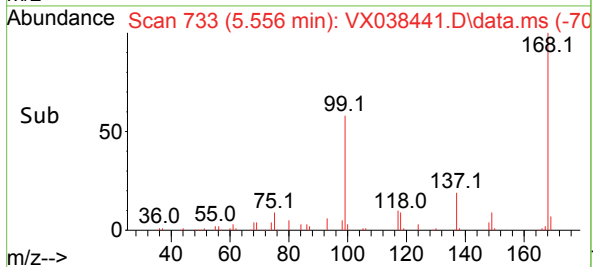
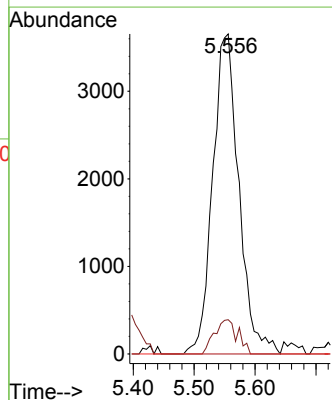
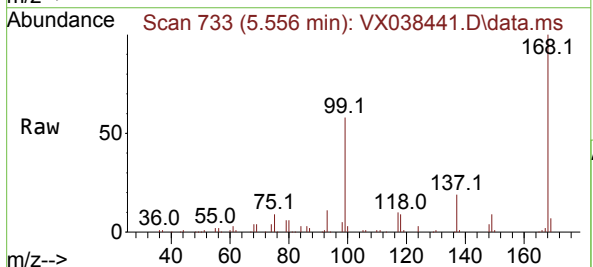


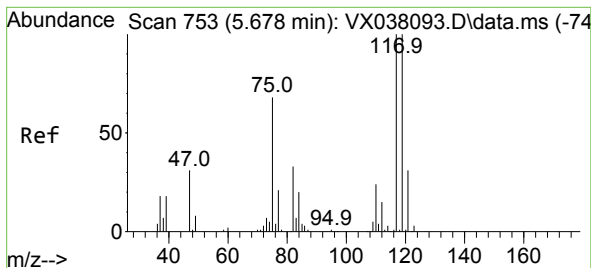
Tgt Ion:113 Resp: 76096
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.726 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion: 75 Resp: 10880
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.964 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

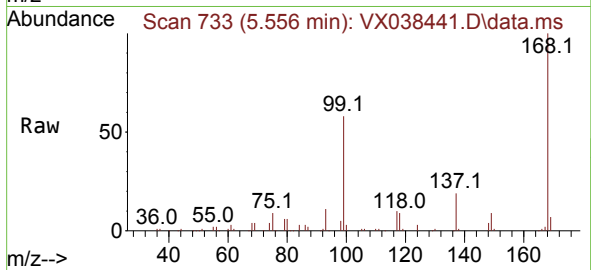
Lab File: VX038441.D

Acq: 23 Oct 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :



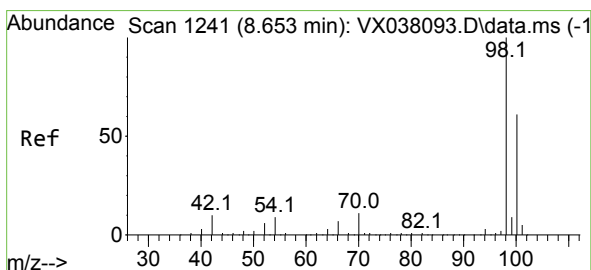
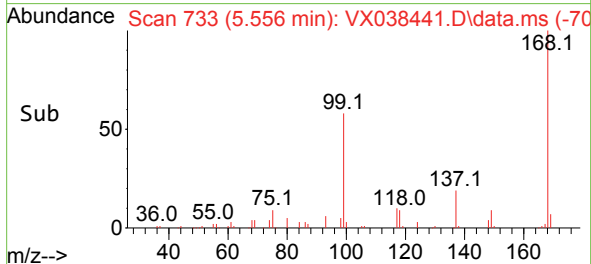
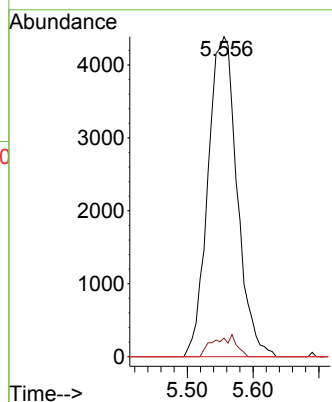
Tgt Ion:117 Resp: 13505

Ion Ratio Lower Upper

117 100

119 5.8 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 44.775 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038441.D

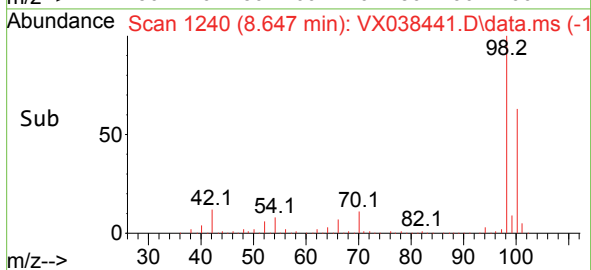
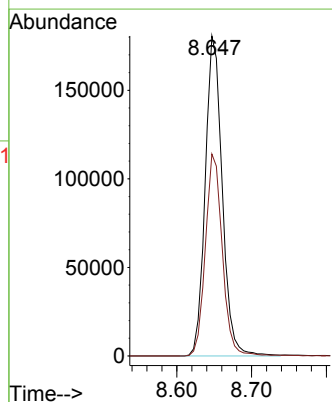
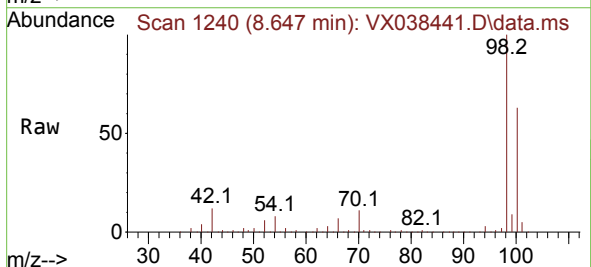
Acq: 23 Oct 2023 18:33

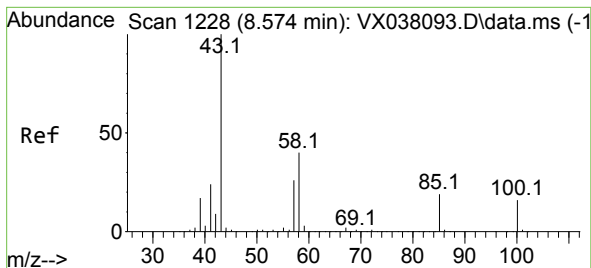
Tgt Ion: 98 Resp: 285618

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7

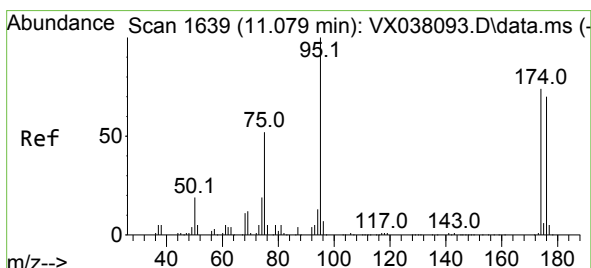
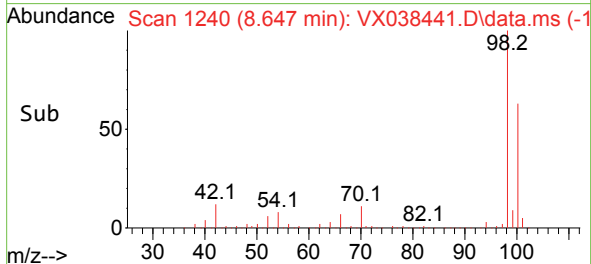
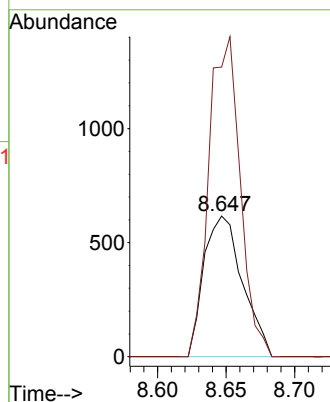
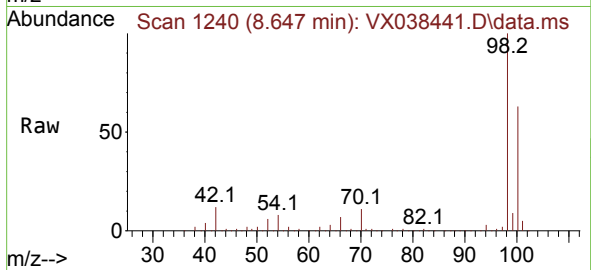




#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

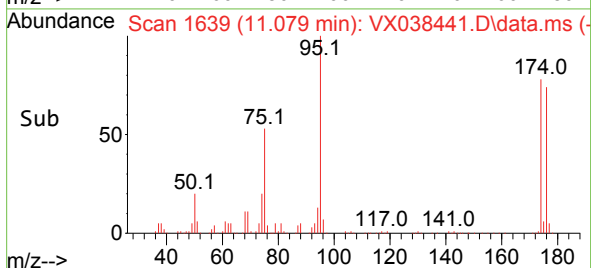
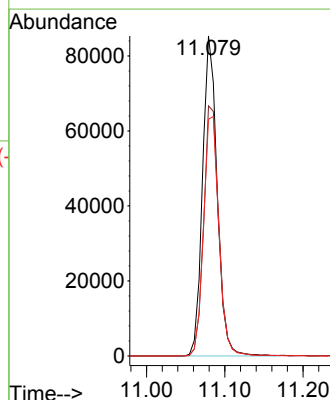
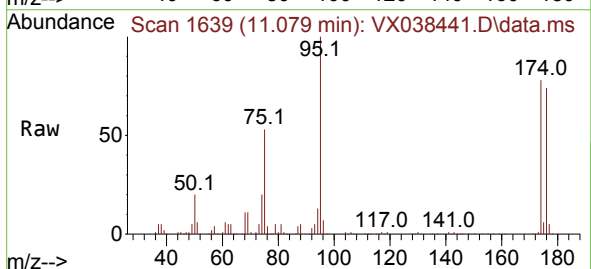
Instrument :
MSVOA_X
ClientSampleId :

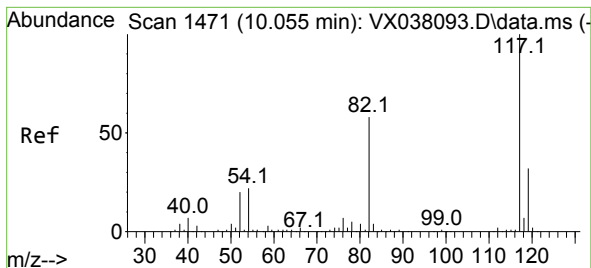
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
58 185.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion: 95 Resp: 110576
Ion Ratio Lower Upper
95 100
174 80.7 0.0 135.6
176 79.0 0.0 131.0

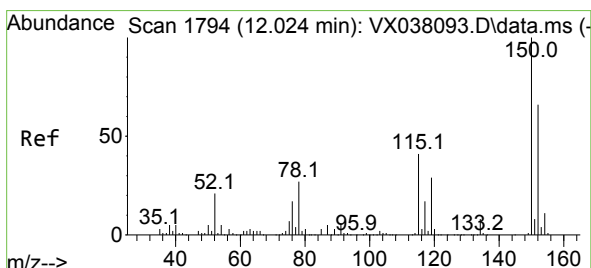
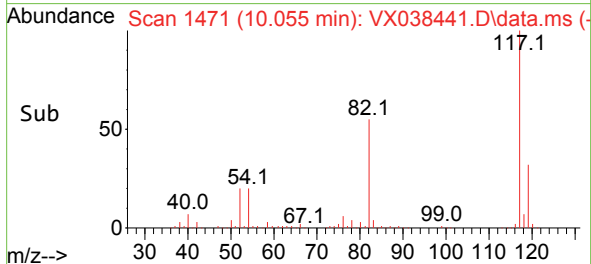
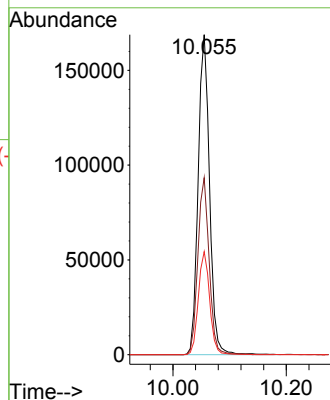
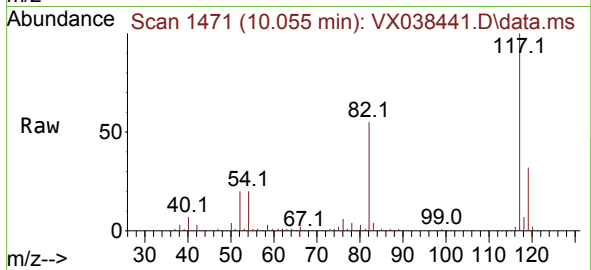




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

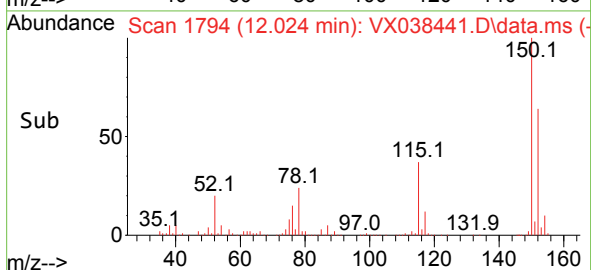
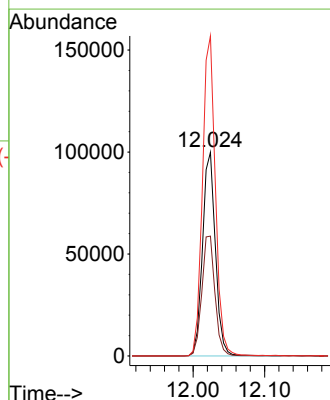
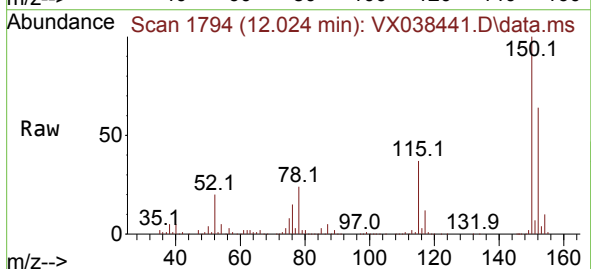
Instrument :
MSVOA_X
ClientSampleId :

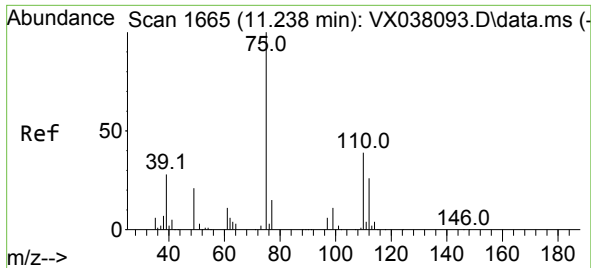
Tgt Ion:117 Resp: 234960
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion:152 Resp: 125130
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 157.2 0.0 345.0

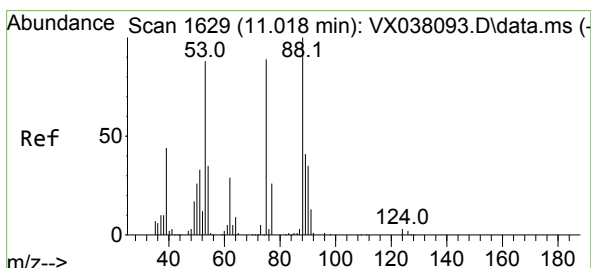
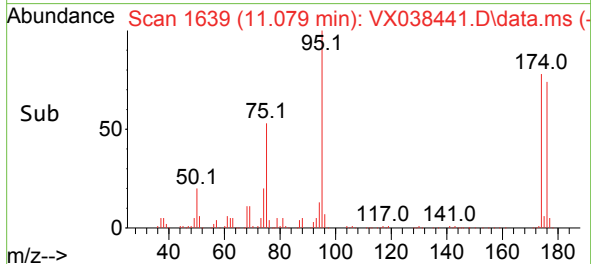
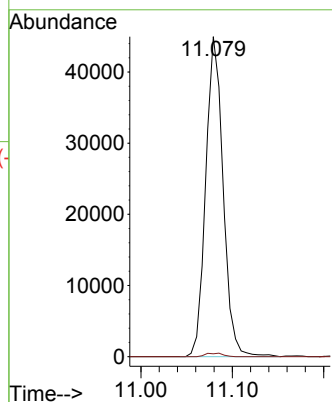
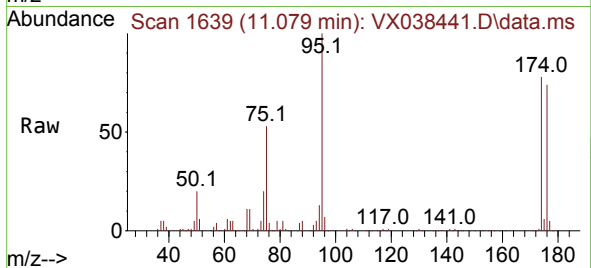




#76
1,2,3-Trichloropropane
Concen: 20.884 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

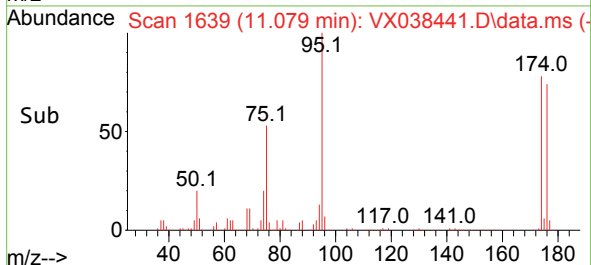
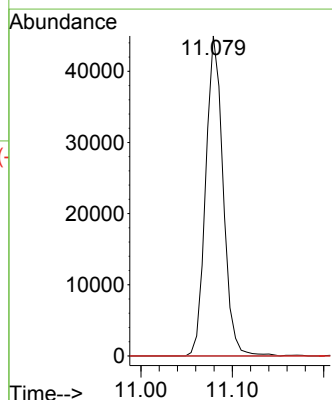
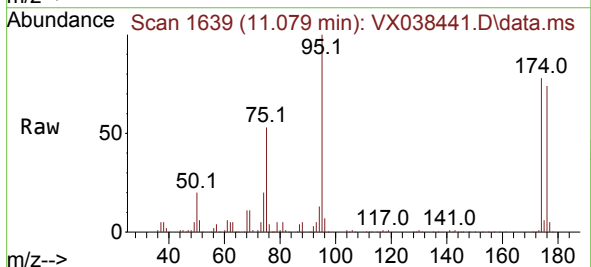
Instrument :
MSVOA_X
ClientSampleId :

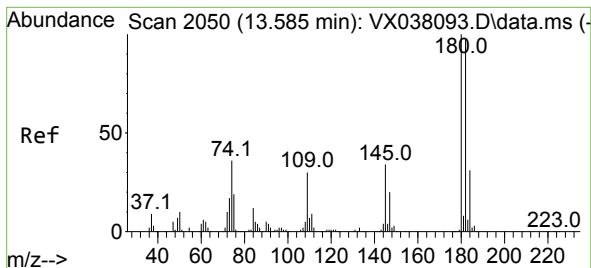
Tgt Ion: 75 Resp: 59407
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion: 75 Resp: 59407
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 13.497 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038441.D

Acq: 23 Oct 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

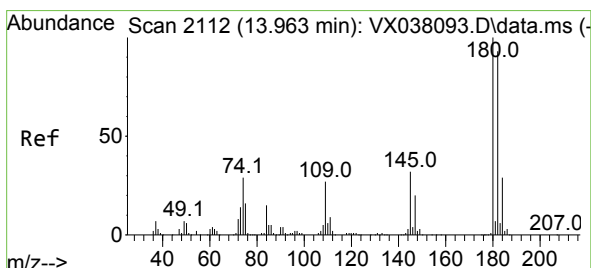
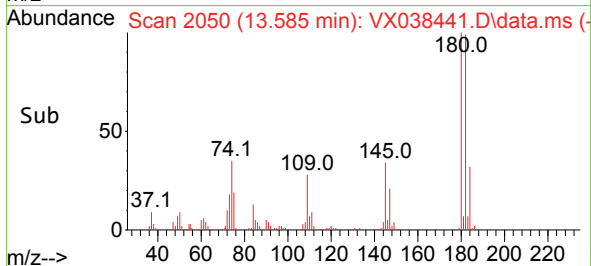
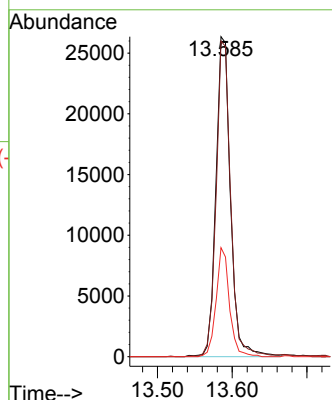
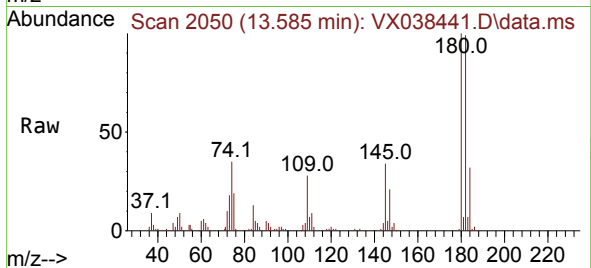
Tgt Ion:180 Resp: 35807

Ion Ratio Lower Upper

180 100

182 97.7 48.3 144.8

145 31.3 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 3.629 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038441.D

Acq: 23 Oct 2023 18:33

Tgt Ion:180 Resp: 9322

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.6

145 32.7 17.8 53.5

