

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038301.D
 Acq On : 16 Oct 2023 14:11
 Operator : JC/MD
 Sample : 04899-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:22:19 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)

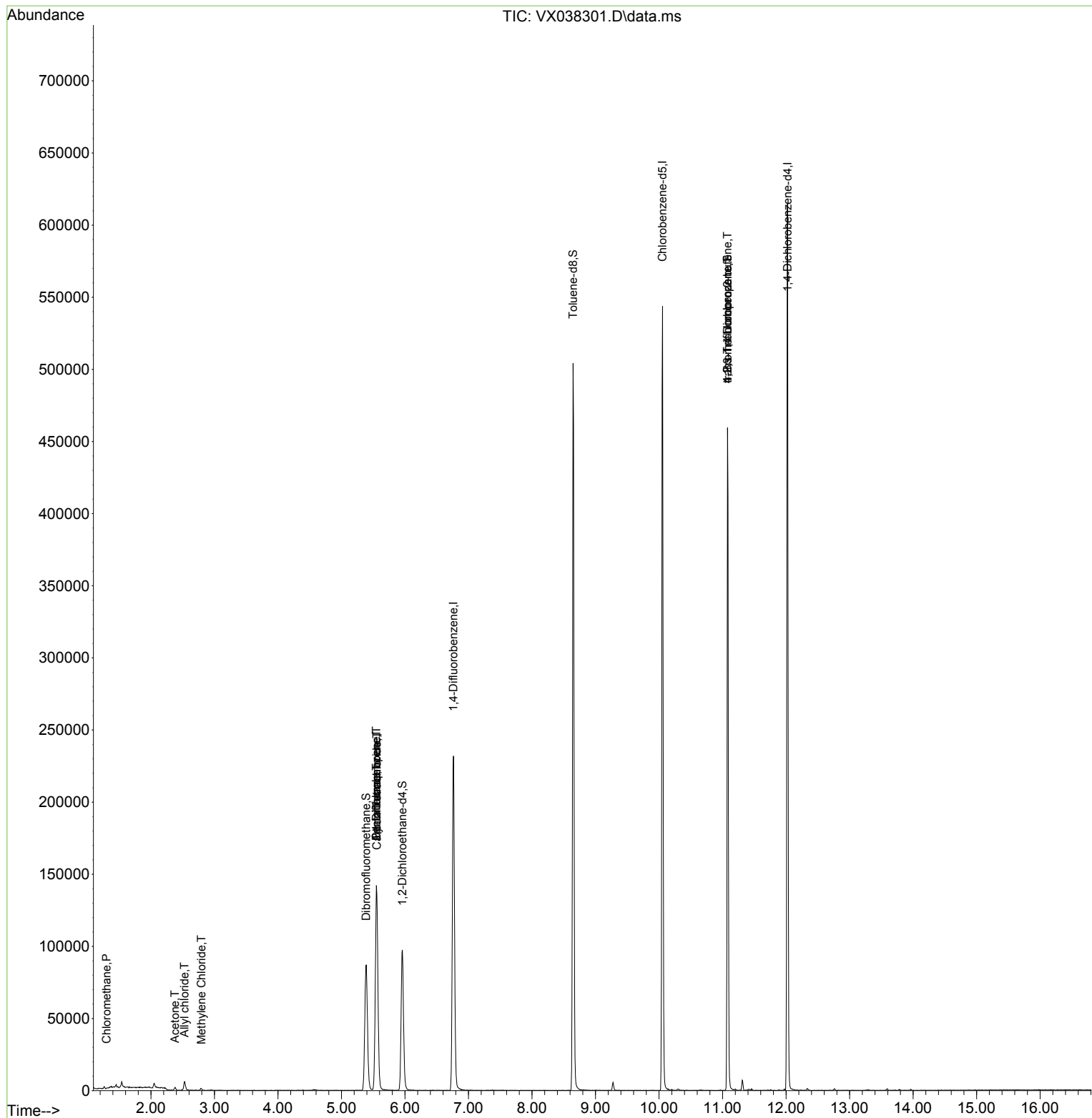
Internal Standards						
1) Pentafluorobenzene	5.550	168	131129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95479	45.269	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.540%
35) Dibromofluoromethane	5.385	113	75734	44.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.520%
50) Toluene-d8	8.647	98	300408	45.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.900%#
62) 4-Bromofluorobenzene	11.079	95	118708	47.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	368	0.285	ug/l #	43
5) Bromomethane	1.618	94	30	Below Cal	#	3
6) Chloroethane	1.666	64	230	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	172	Below Cal	#	78
14) Allyl chloride	2.526	41	672	0.313	ug/l #	51
16) Acetone	2.380	43	2036	2.313	ug/l #	69
20) Methylene Chloride	2.794	84	645	0.390	ug/l	96
31) Cyclohexane	5.550	56	3144	1.376	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	10948	4.640	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13682	5.895	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	64623	21.949	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64623	62.952	ug/l #	5

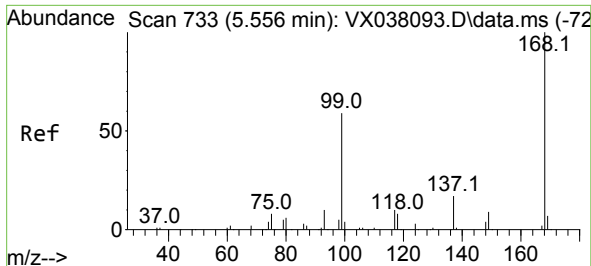
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
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MSVOA_X
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Quant Time: Oct 17 01:22:19 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

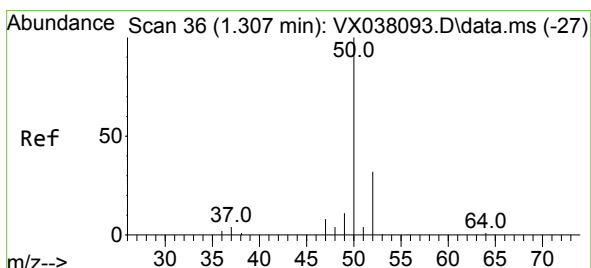
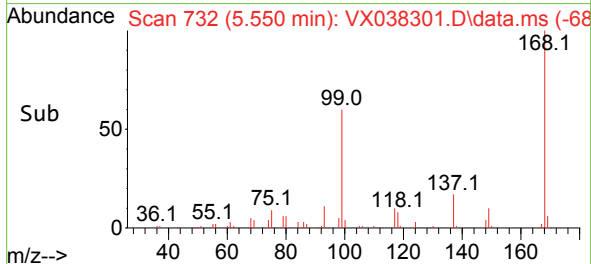
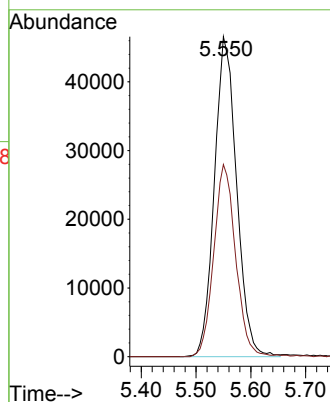
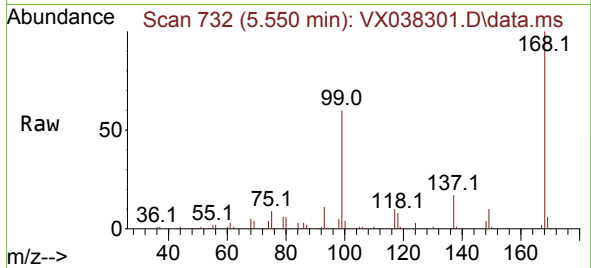




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

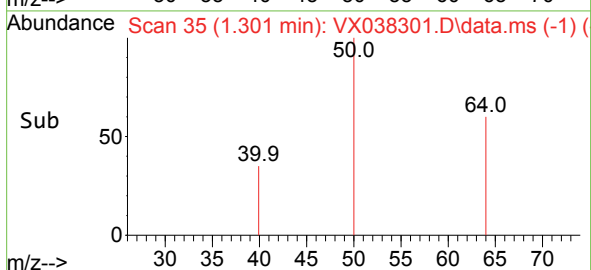
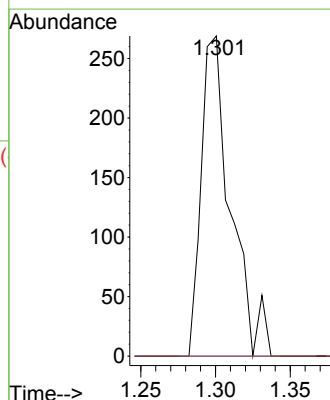
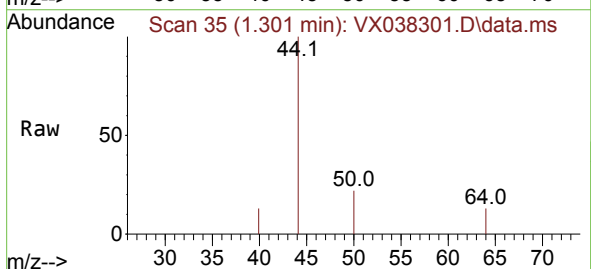
Instrument :
MSVOA_X
ClientSampleId :

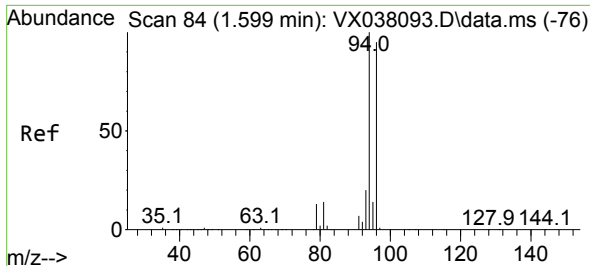
Tgt Ion:168 Resp: 131129
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

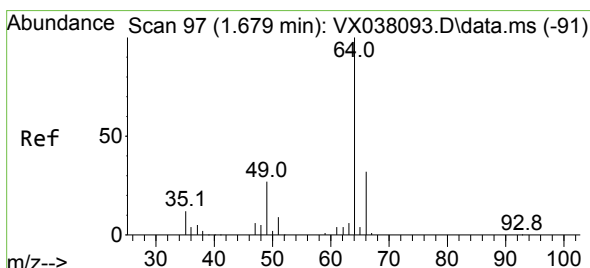
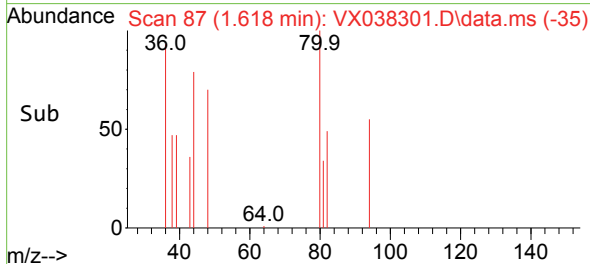
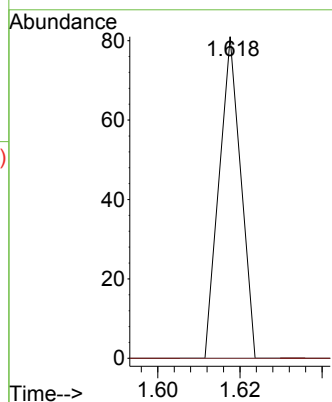
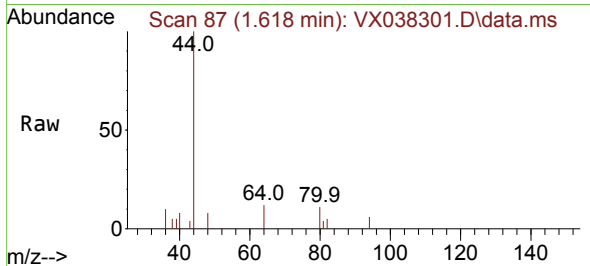




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

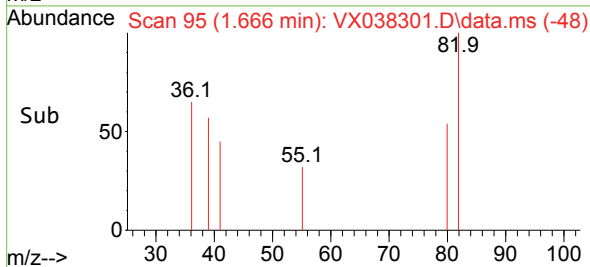
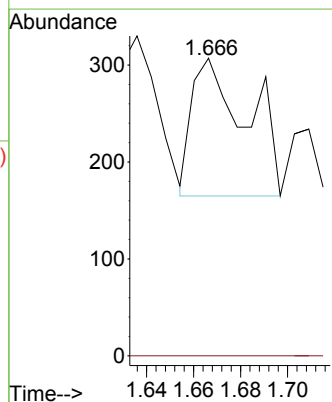
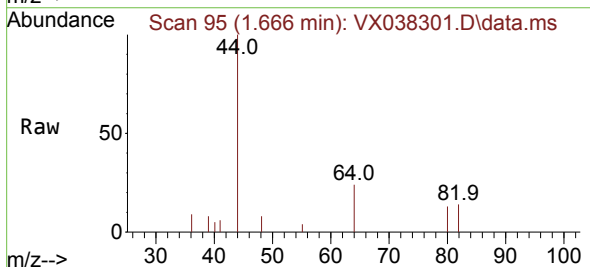
Instrument :
MSVOA_X
ClientSampleId :

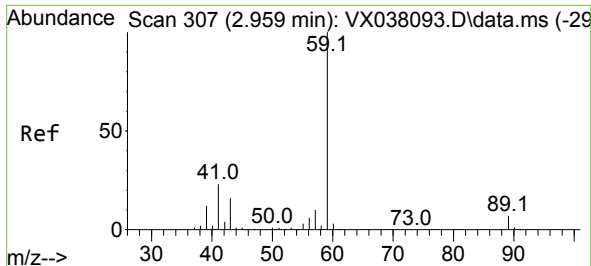
Tgt Ion: 94 Resp: 30
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion: 64 Resp: 230
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038301.D

Acq: 16 Oct 2023 14:11

Instrument :

MSVOA_X

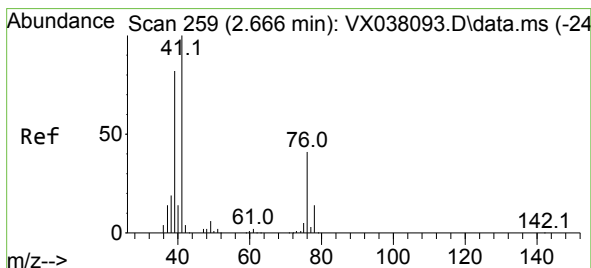
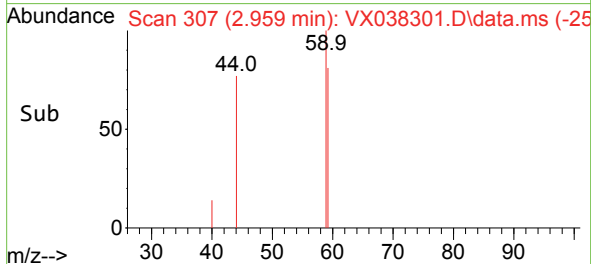
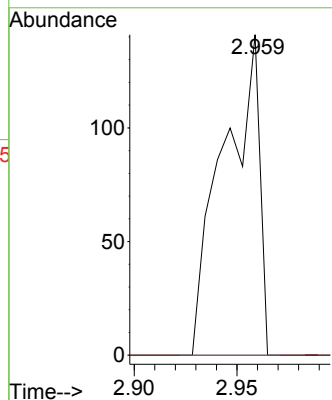
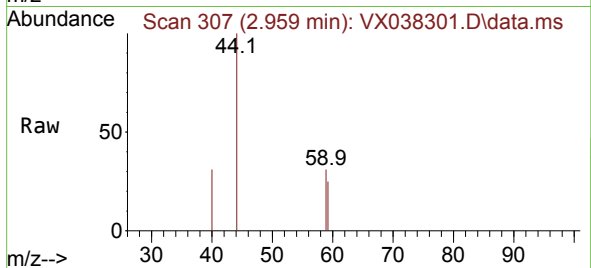
ClientSampleId :

Tgt Ion: 59 Resp: 172

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.313 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.134 min

Lab File: VX038301.D

Acq: 16 Oct 2023 14:11

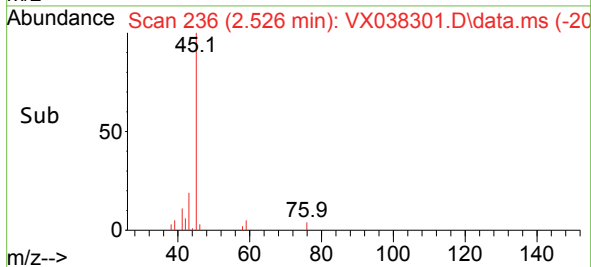
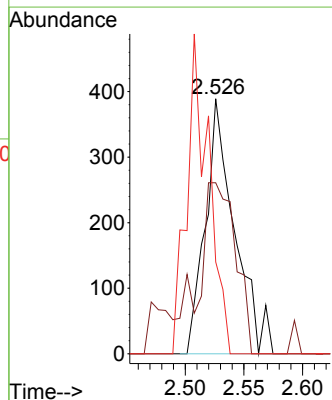
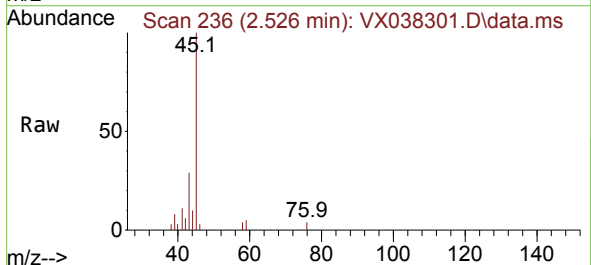
Tgt Ion: 41 Resp: 672

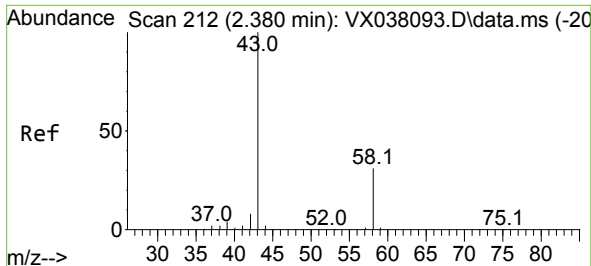
Ion Ratio Lower Upper

41 100

39 85.0 55.8 83.6#

76 94.5 24.3 36.5#

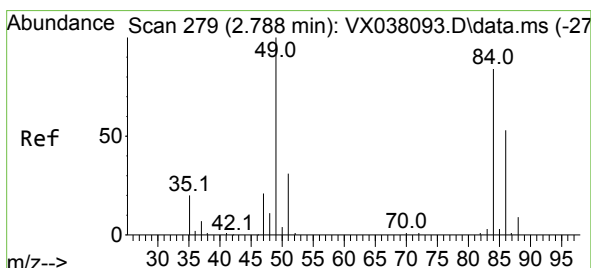
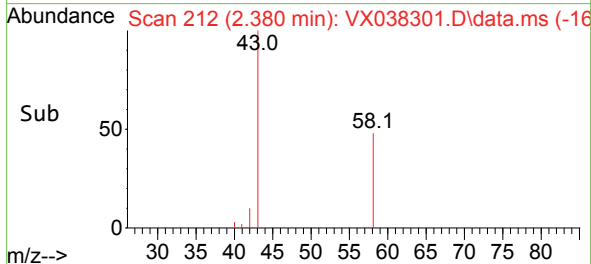
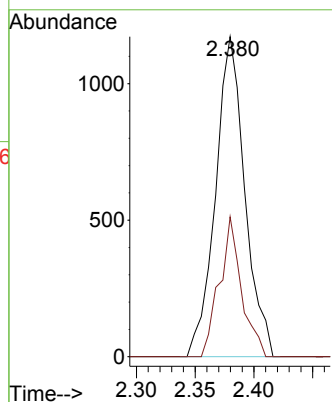
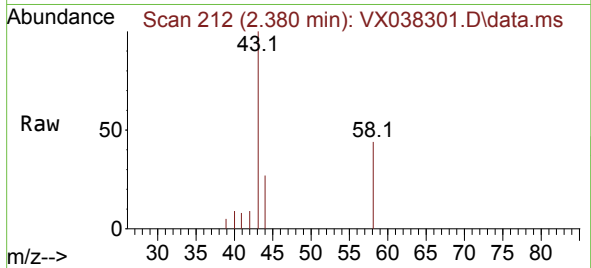




#16
Acetone
Concen: 2.313 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

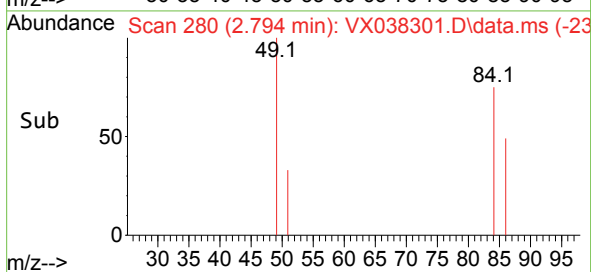
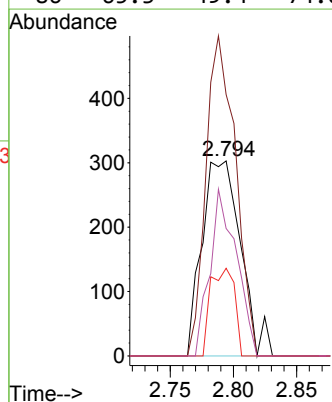
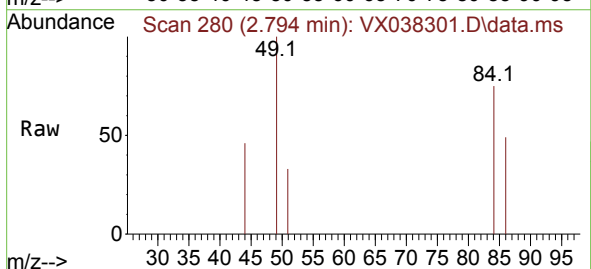
Instrument :
MSVOA_X
ClientSampleId :

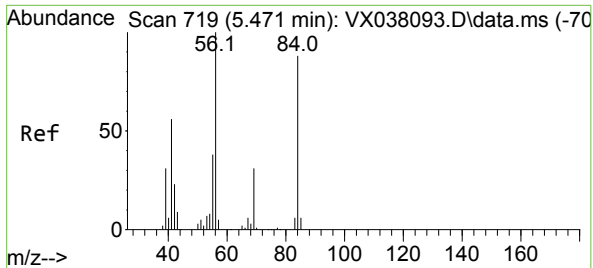
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
58 43.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.390 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

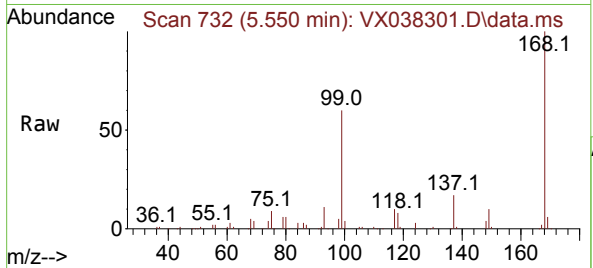
Tgt Ion: 84 Resp: 645
Ion Ratio Lower Upper
84 100
49 134.0 103.6 155.4
51 44.9 33.8 50.6
86 65.3 49.4 74.0



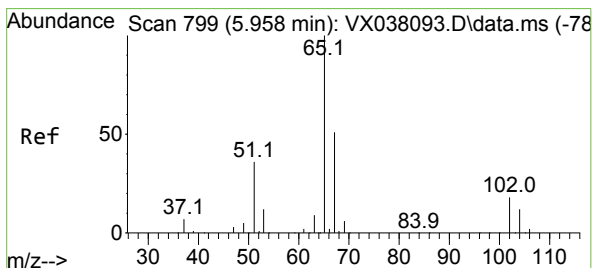
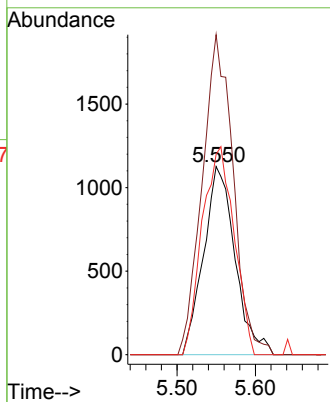
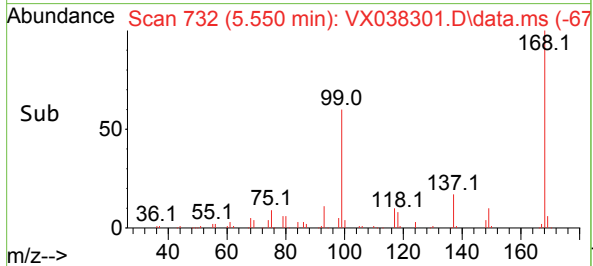


#31
Cyclohexane
Concen: 1.376 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

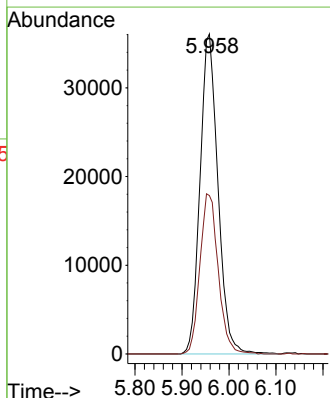
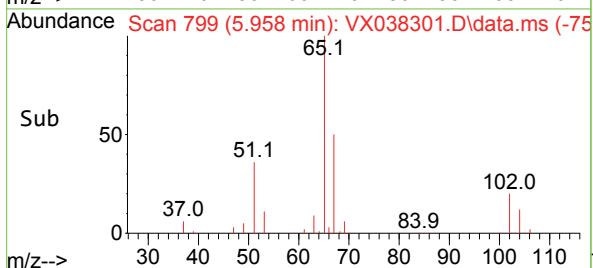
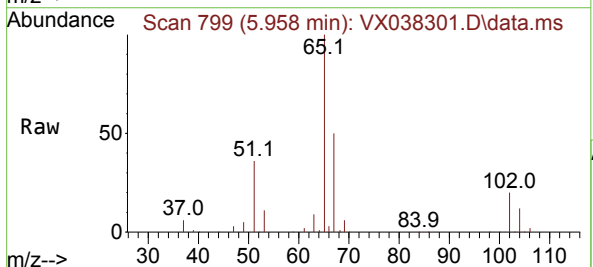


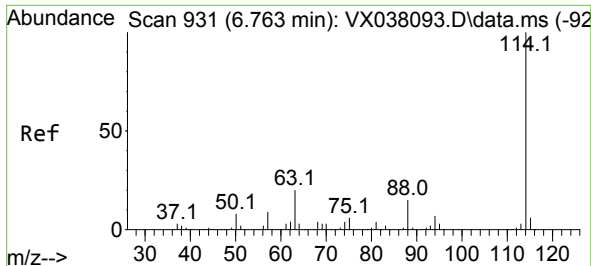
Tgt Ion: 56 Resp: 3144
Ion Ratio Lower Upper
56 100
69 170.1 23.4 35.2#
84 106.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.269 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion: 65 Resp: 95479
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

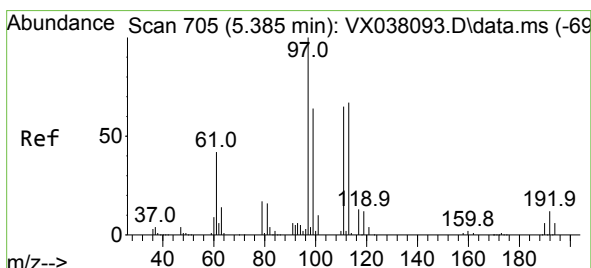
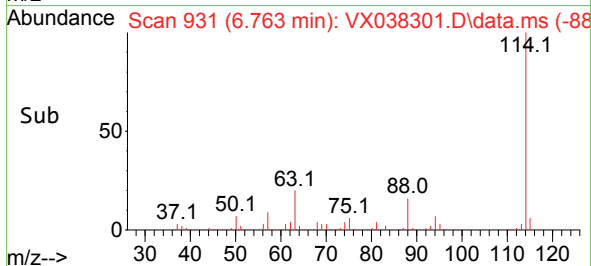
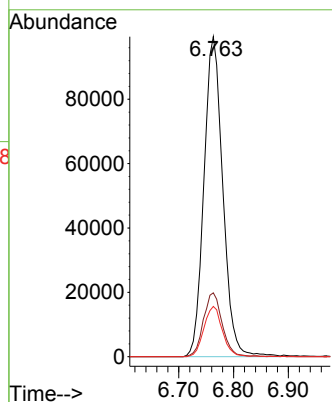
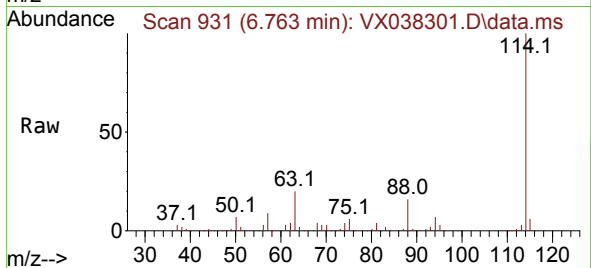




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

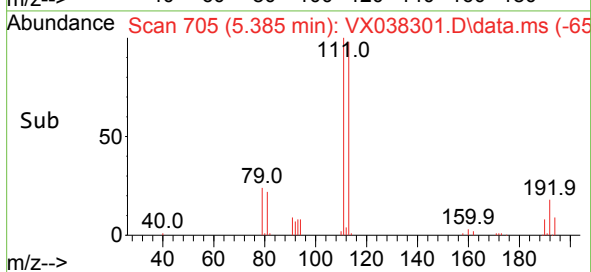
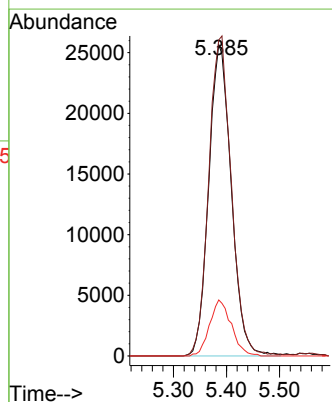
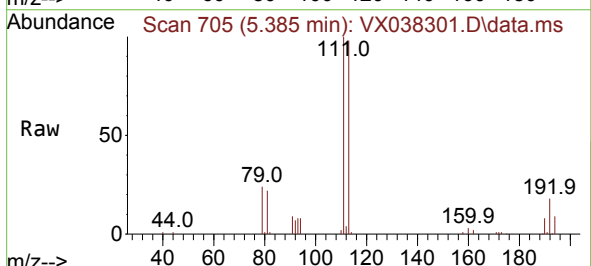
Instrument :
MSVOA_X
ClientSampleId :

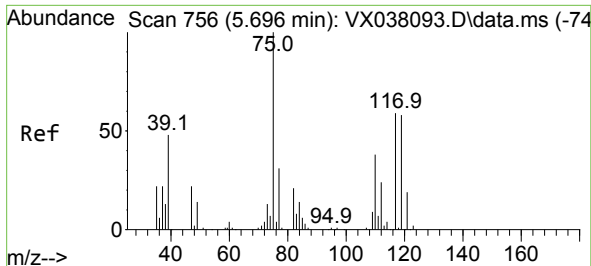
Tgt Ion:114 Resp: 237459
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.262 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

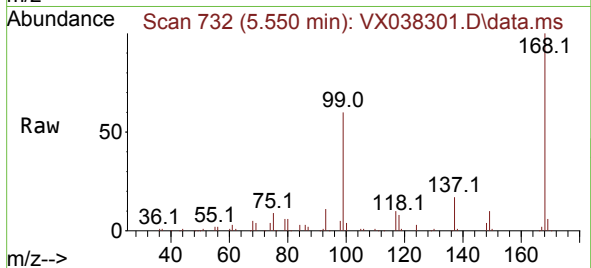
Tgt Ion:113 Resp: 75734
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.4 13.3 19.9



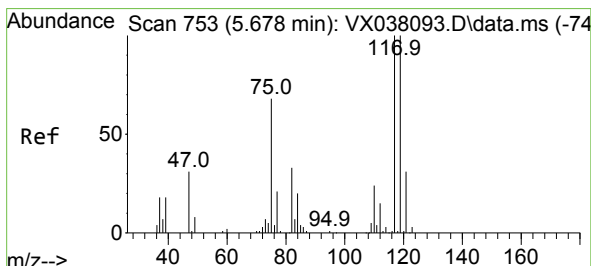
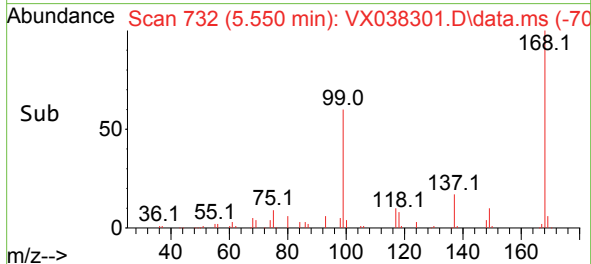
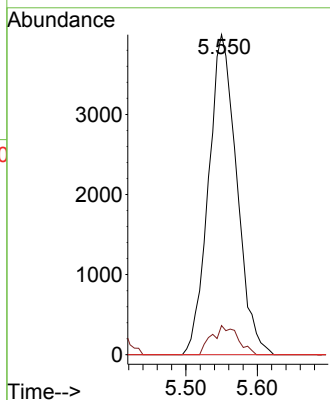


#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

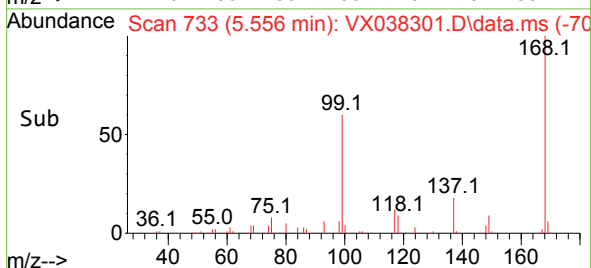
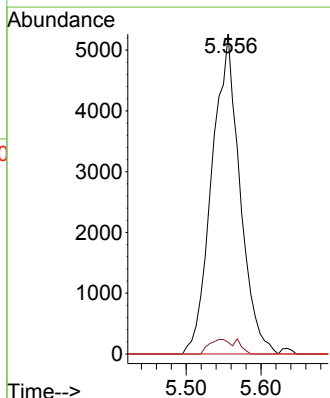
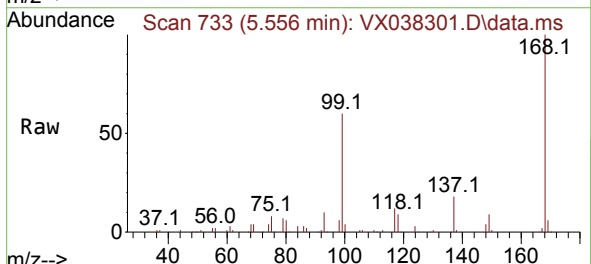


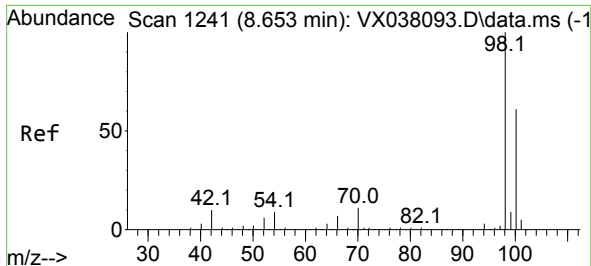
Tgt Ion: 75 Resp: 10948
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.895 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion: 117 Resp: 13682
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#

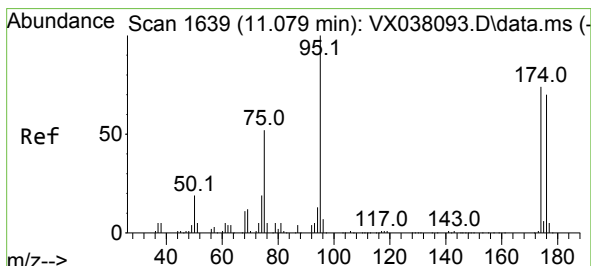
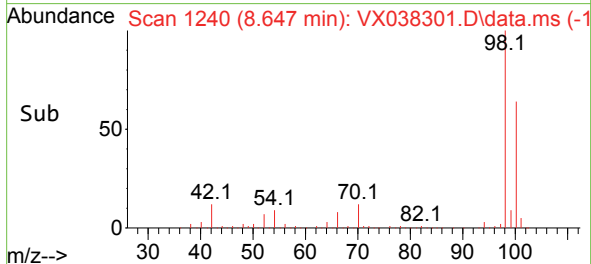
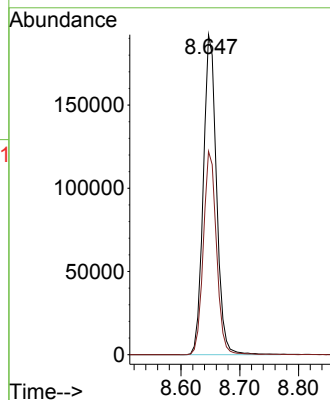
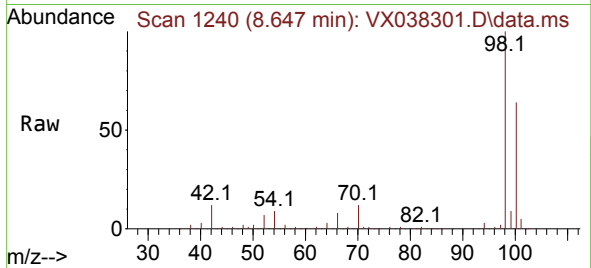




#50
Toluene-d8
Concen: 45.946 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

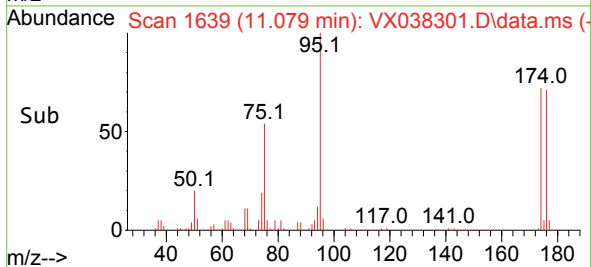
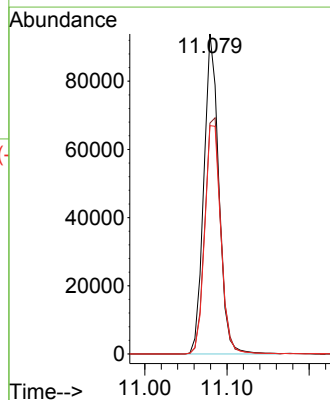
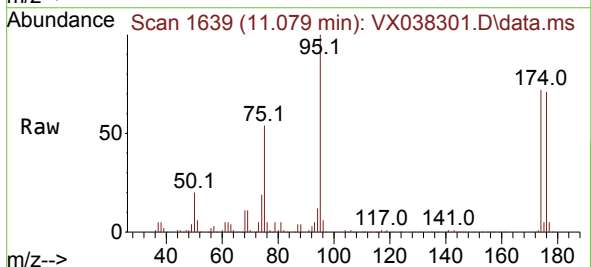
Instrument :
MSVOA_X
ClientSampleId :

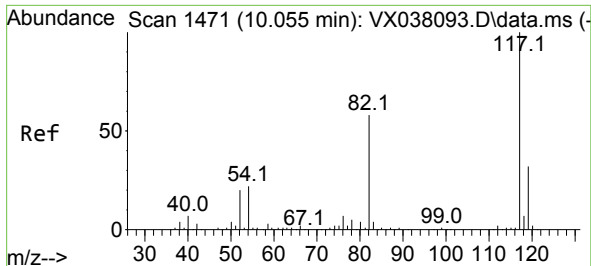
Tgt Ion: 98 Resp: 300408
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion: 95 Resp: 118708
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 76.6 0.0 131.0

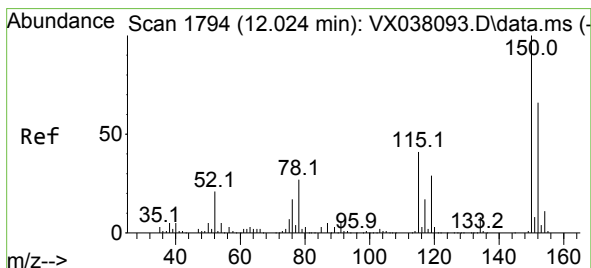
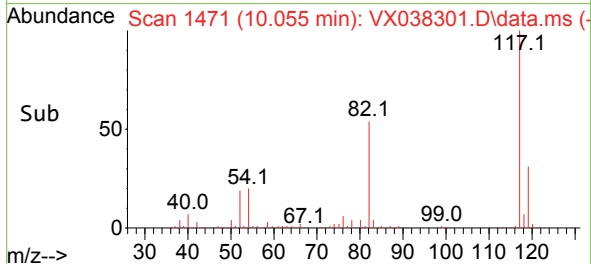
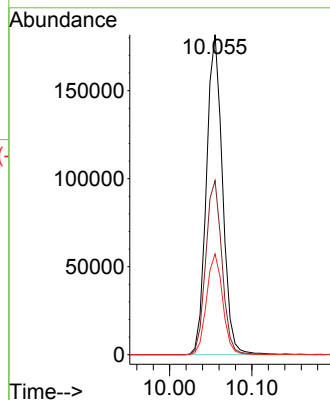
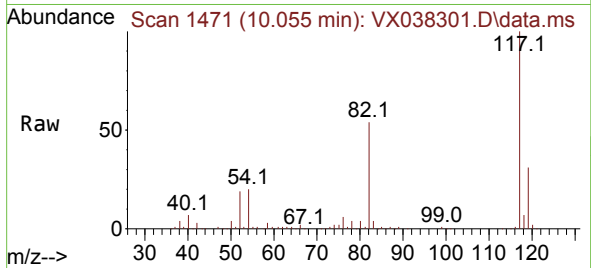




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

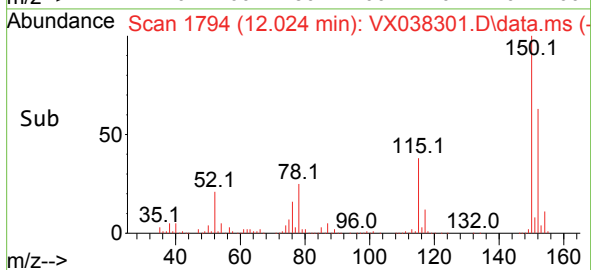
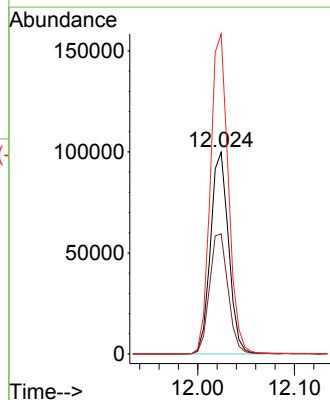
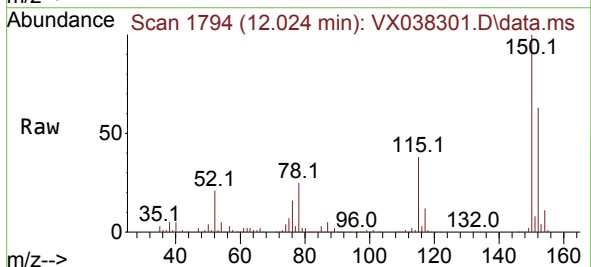
Instrument :
MSVOA_X
ClientSampleId :

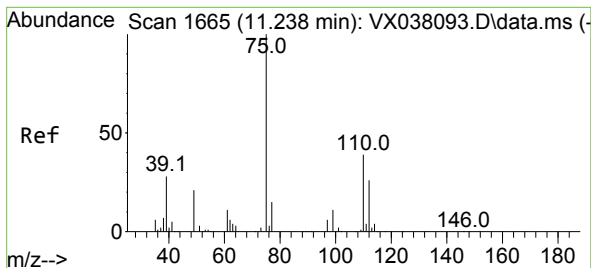
Tgt Ion:117 Resp: 246373
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion:152 Resp: 129512
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.949 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

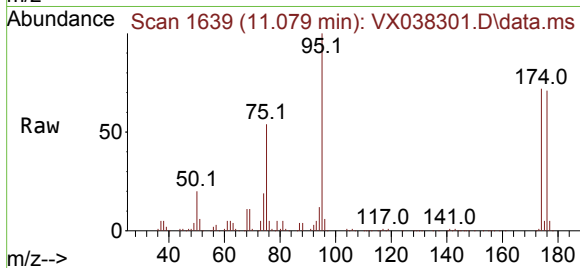
Lab File: VX038301.D

Acq: 16 Oct 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

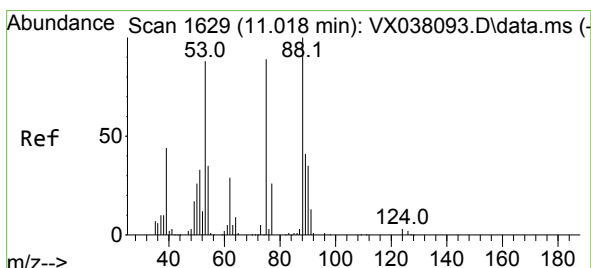
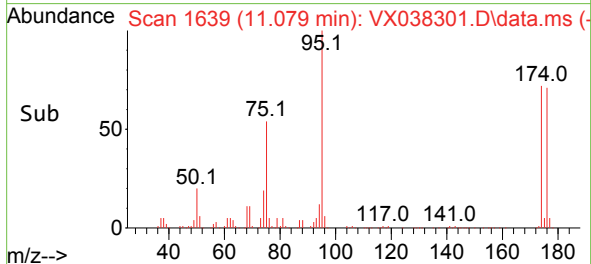
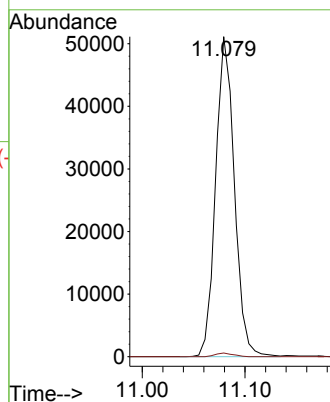


Tgt Ion: 75 Resp: 64623

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.952 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038301.D

Acq: 16 Oct 2023 14:11

Tgt Ion: 75 Resp: 64623

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

