

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038305.D
 Acq On : 16 Oct 2023 15:46
 Operator : JC/MD
 Sample : 04899-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:23:56 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)

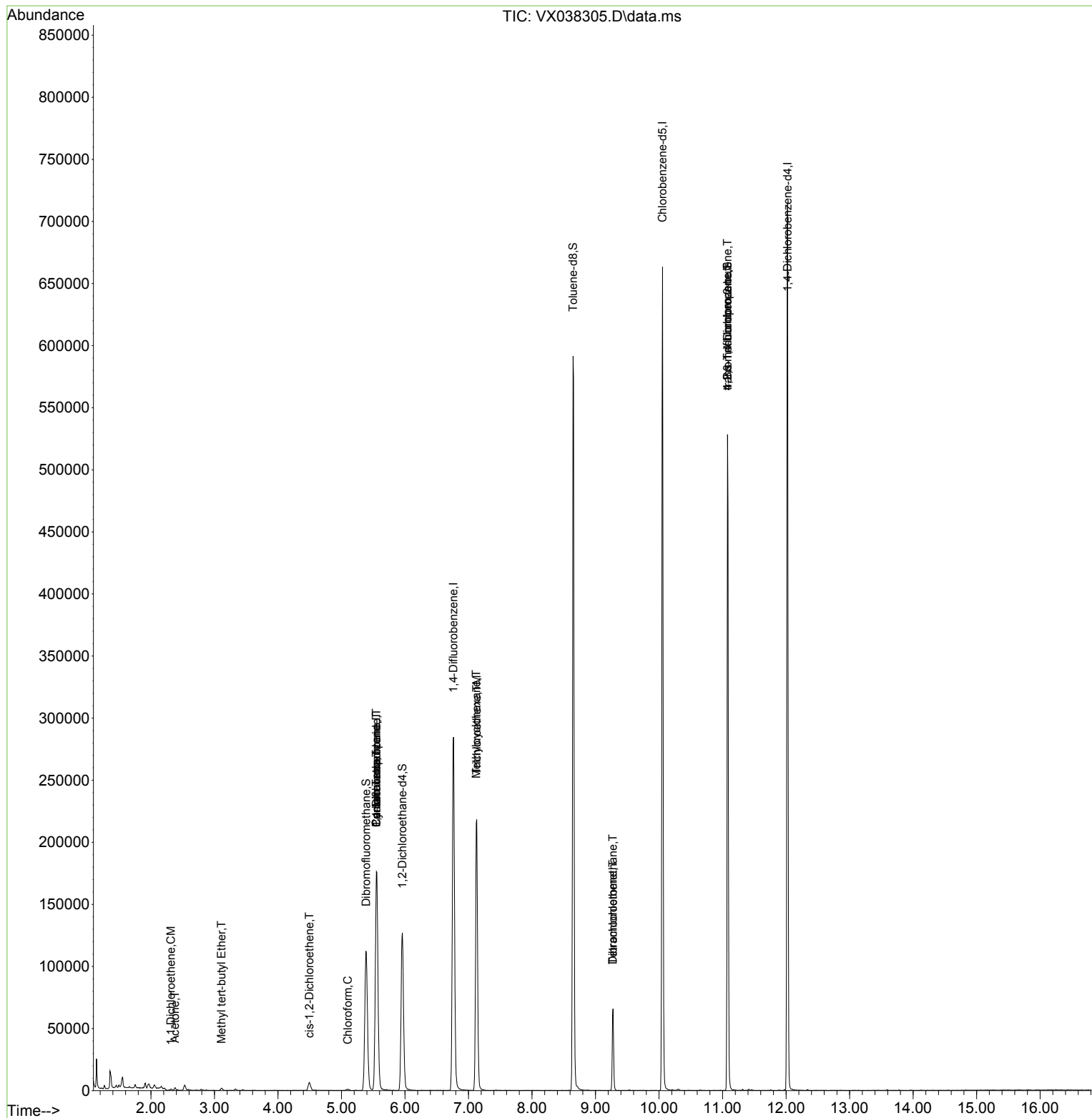
Internal Standards						
1) Pentafluorobenzene	5.550	168	167484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124839	46.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.680%
35) Dibromofluoromethane	5.385	113	97315	46.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.647	98	353938	44.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.460%#
62) 4-Bromofluorobenzene	11.079	95	135451	44.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.550	94	272	Below Cal	#	48
6) Chloroethane	1.678	64	129	Below Cal	#	43
12) 1,1-Dichloroethene	2.312	96	344	0.224	ug/l #	70
16) Acetone	2.380	43	2103	1.871	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	1468	0.241	ug/l #	51
27) cis-1,2-Dichloroethene	4.495	96	4474	1.980	ug/l	75
30) Chloroform	5.099	83	1260	0.331	ug/l	88
31) Cyclohexane	5.550	56	4202	1.440	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	14027	4.857	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17759	6.251	ug/l #	16
39) Methylcyclohexane	7.123	83	1047	0.310	ug/l #	1
44) Trichloroethene	7.129	130	79763	37.755	ug/l	100
60) Dibromochloromethane	9.275	129	11345	5.151	ug/l #	11
64) Tetrachloroethene	9.275	164	11371	6.111	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	74372	22.301	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	74372	63.899	ug/l #	5

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

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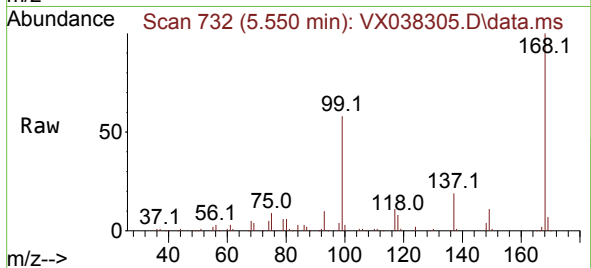
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



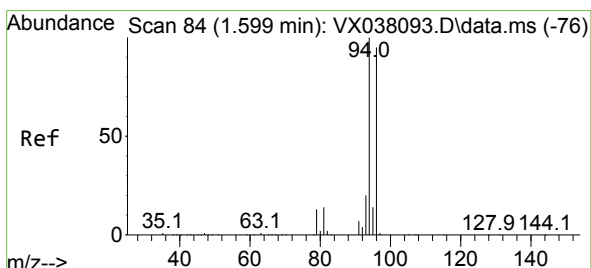
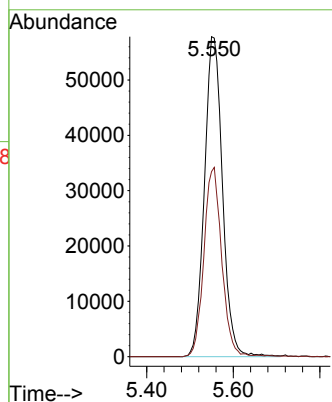
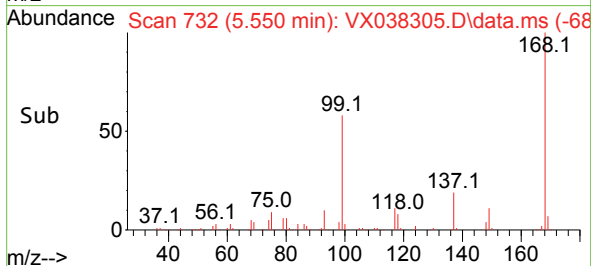


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :

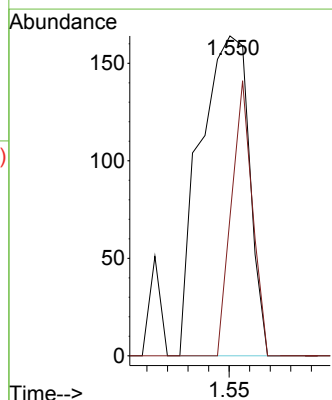
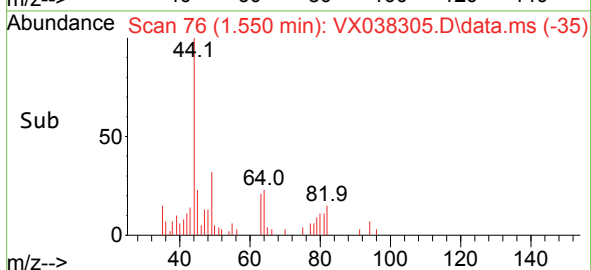
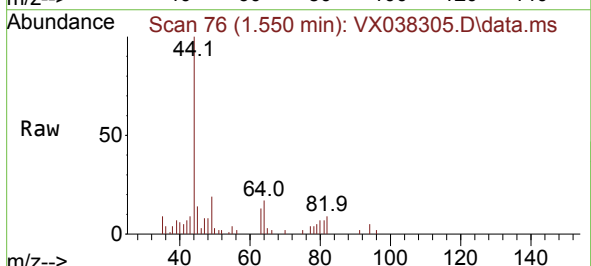


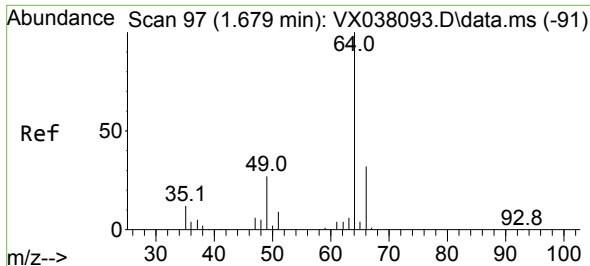
Tgt Ion:168 Resp: 167484
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.550 min Scan# 76
Delta R.T. -0.049 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

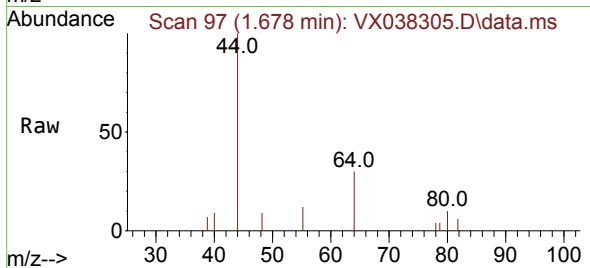
Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 43.3 74.6 111.8#



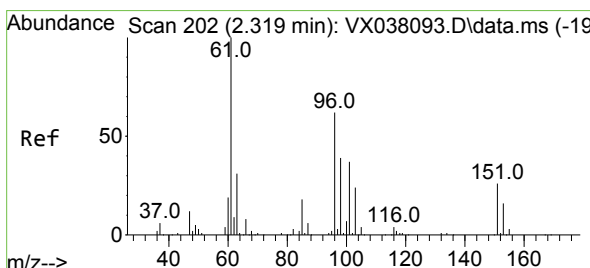
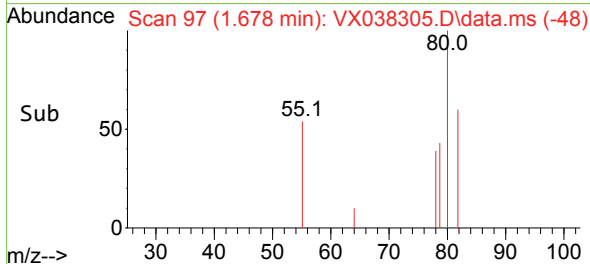
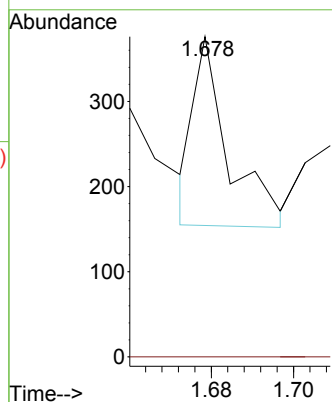


#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :

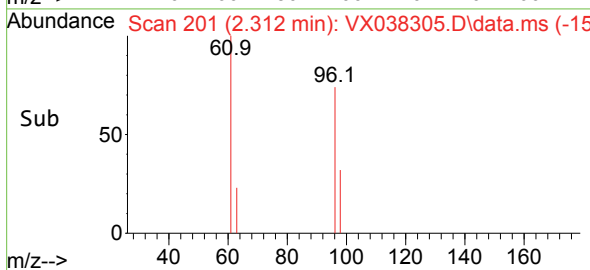
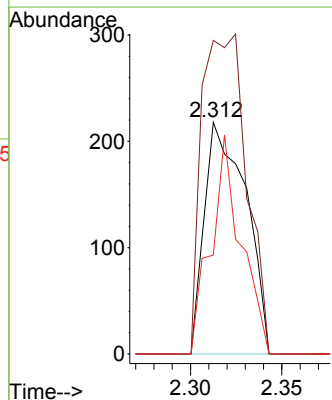
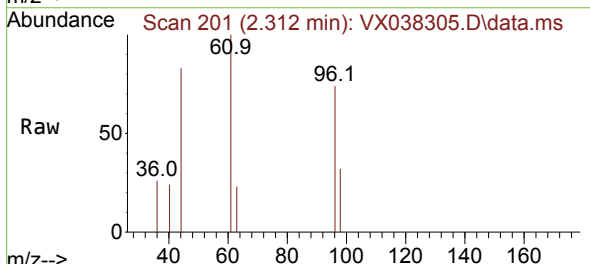


Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#12
1,1-Dichloroethene
Concen: 0.224 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.007 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 96 Resp: 344
Ion Ratio Lower Upper
96 100
61 135.3 144.6 216.8#
98 42.7 50.4 75.6#

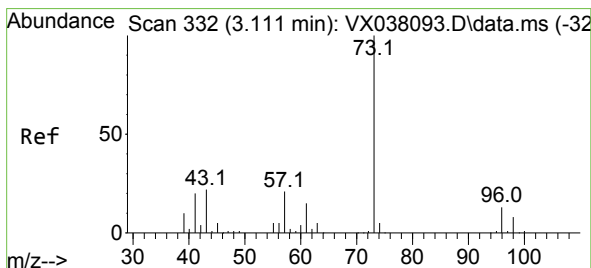
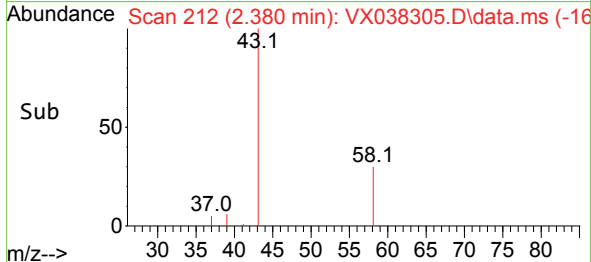
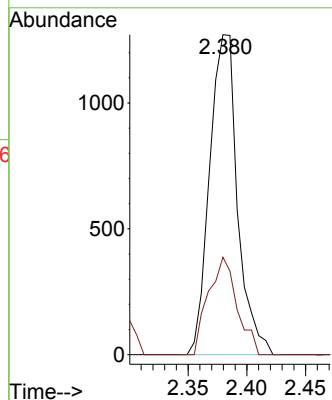
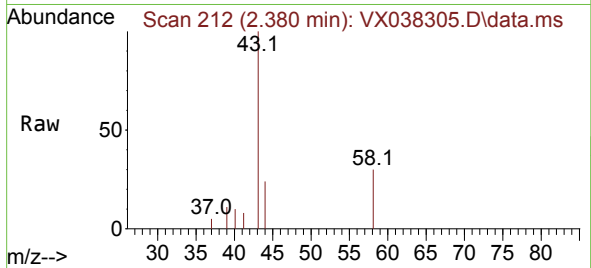




#16
Acetone
Concen: 1.871 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

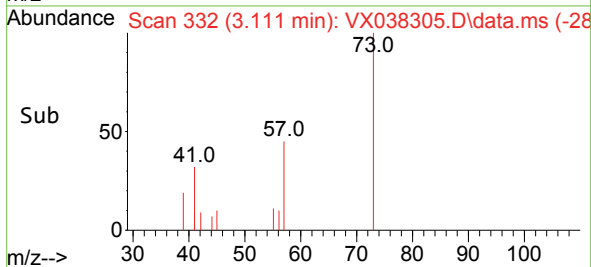
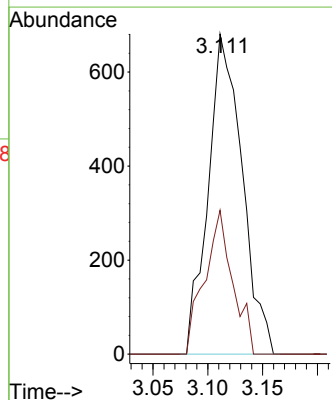
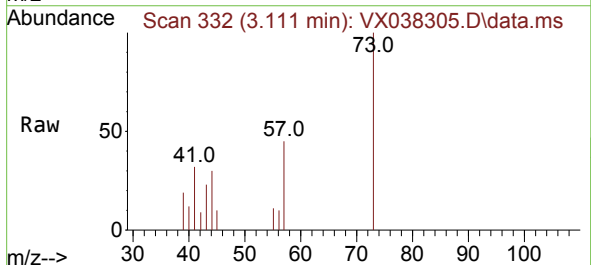
Instrument :
MSVOA_X
ClientSampleId :

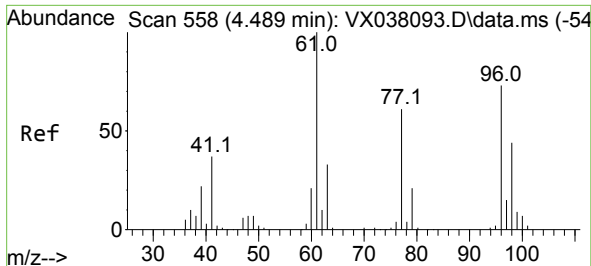
Tgt Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 0.241 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 73 Resp: 1468
Ion Ratio Lower Upper
73 100
57 44.9 17.3 25.9#





#27

cis-1,2-Dichloroethene

Concen: 1.980 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

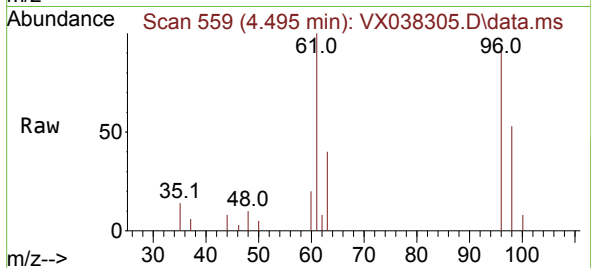
Lab File: VX038305.D

Acq: 16 Oct 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :



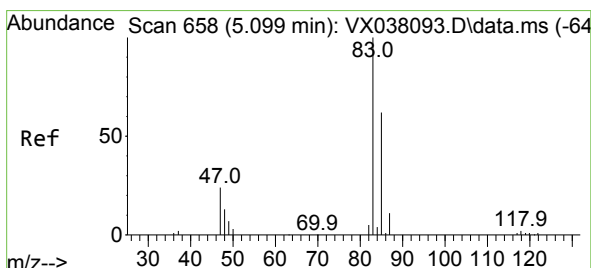
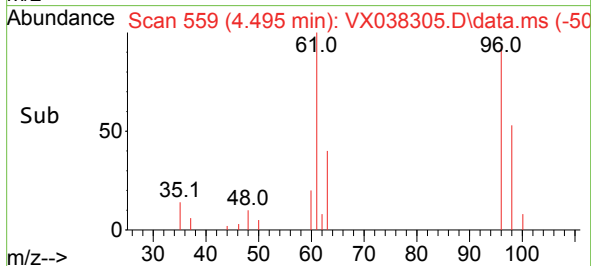
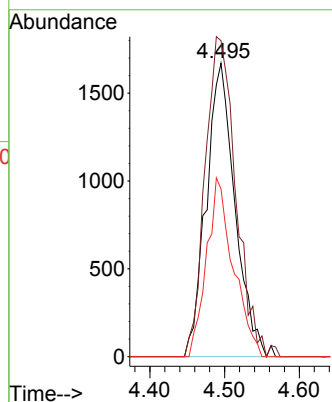
Tgt Ion: 96 Resp: 4474

Ion Ratio Lower Upper

96 100

61 116.2 0.0 312.2

98 56.5 0.0 129.0



#30

Chloroform

Concen: 0.331 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX038305.D

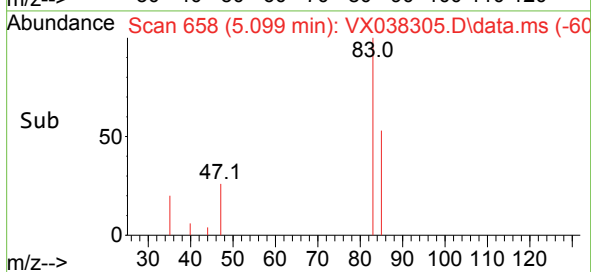
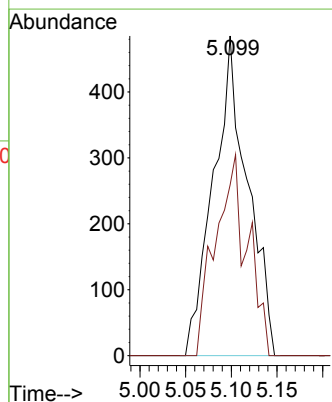
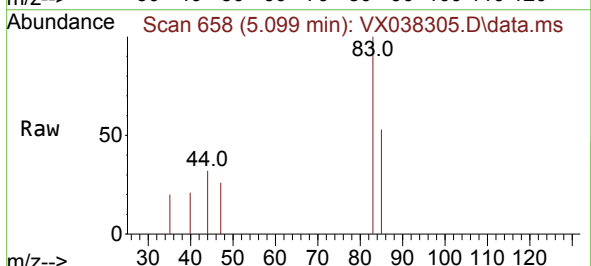
Acq: 16 Oct 2023 15:46

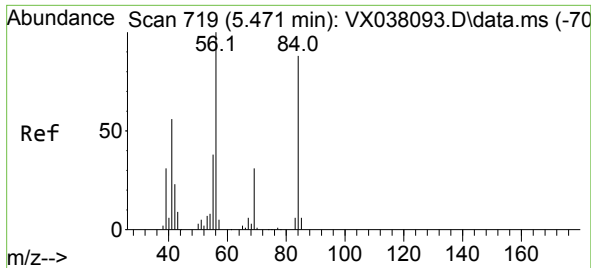
Tgt Ion: 83 Resp: 1260

Ion Ratio Lower Upper

83 100

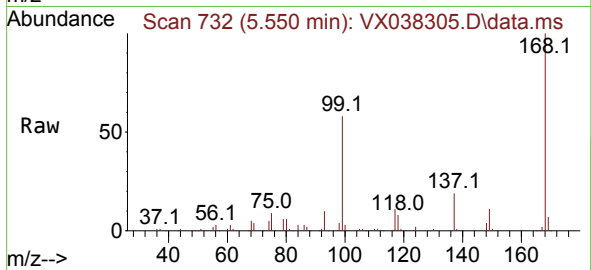
85 53.4 50.3 75.5



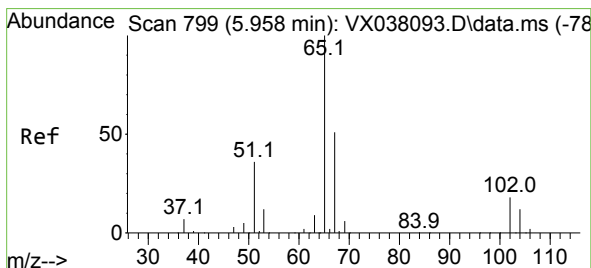
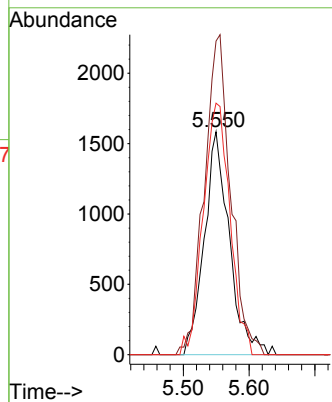
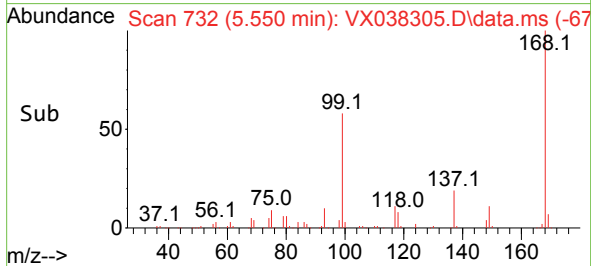


#31
Cyclohexane
Concen: 1.440 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :

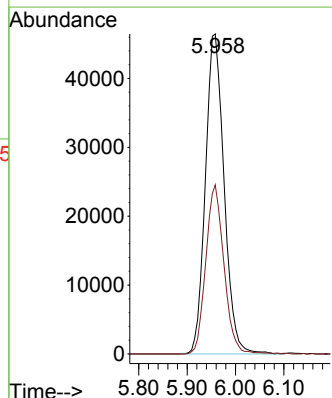
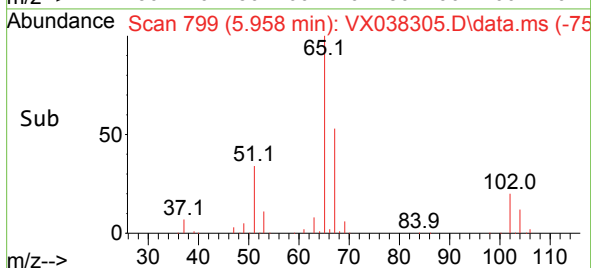
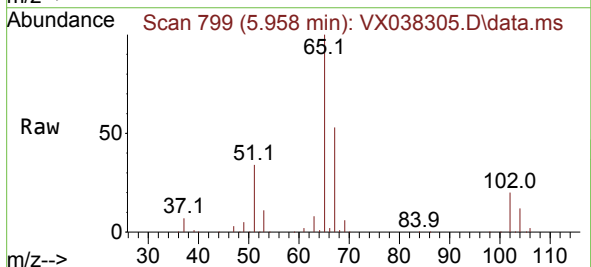


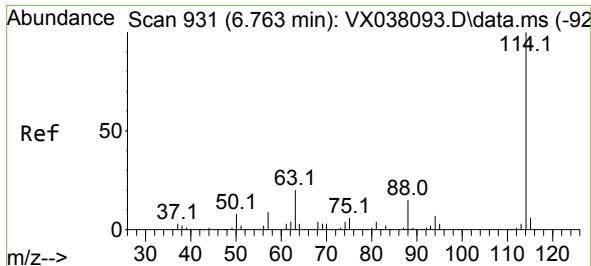
Tgt Ion: 56 Resp: 4202
Ion Ratio Lower Upper
56 100
69 140.7 23.4 35.2#
84 112.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.342 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 65 Resp: 124839
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

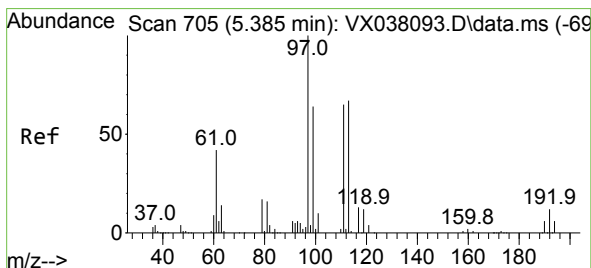
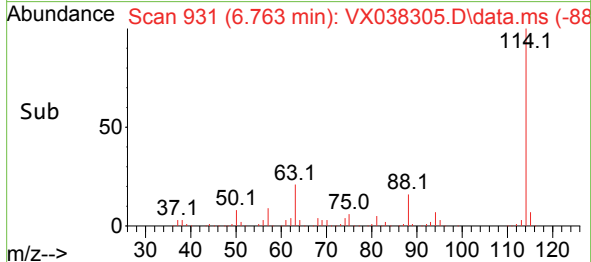
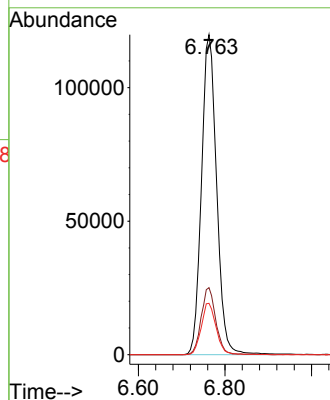
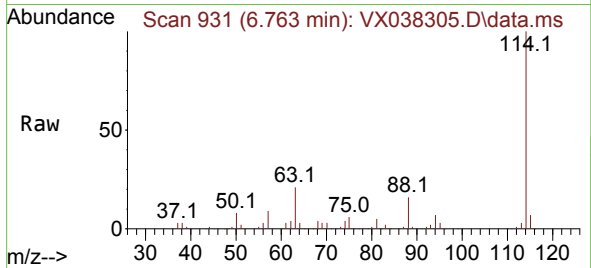




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

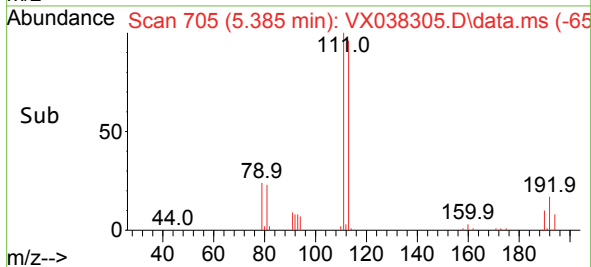
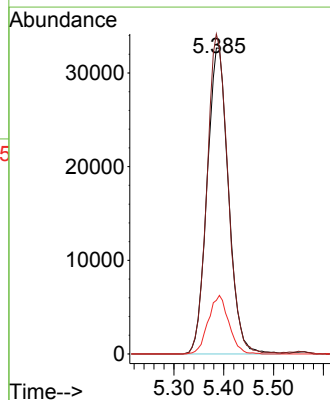
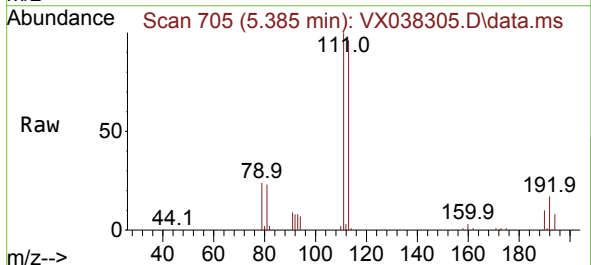
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MSVOA_X
ClientSampleId :

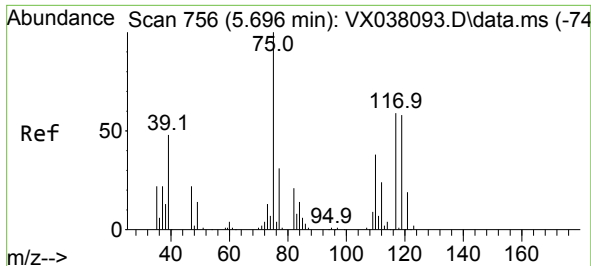
Tgt Ion:114 Resp: 290639
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

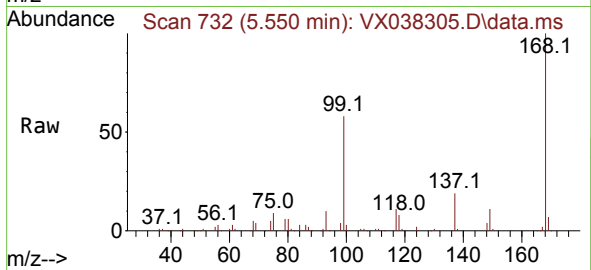
Tgt Ion:113 Resp: 97315
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.4 13.3 19.9



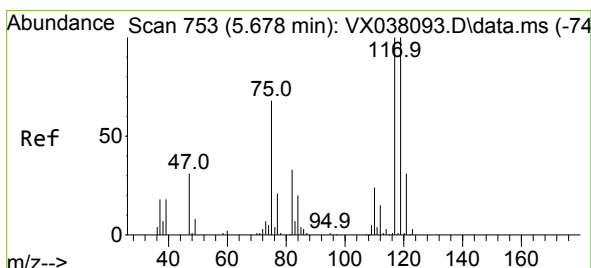
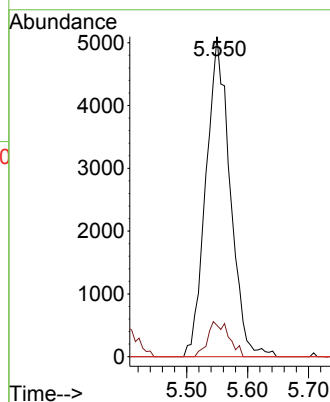
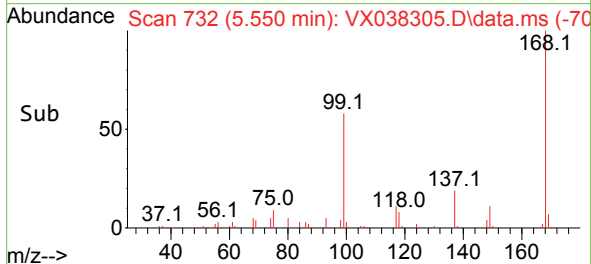


#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :

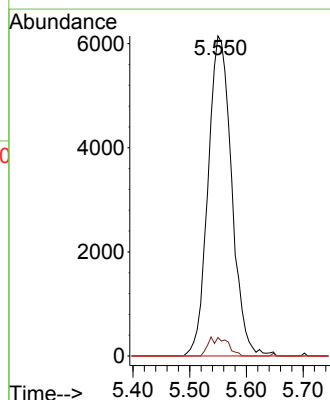
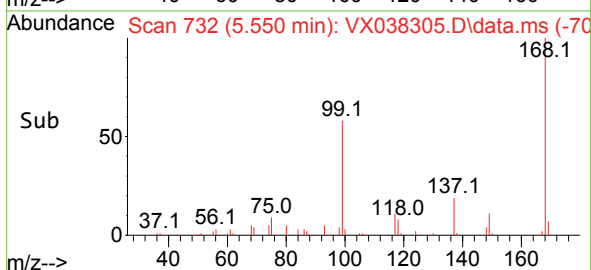
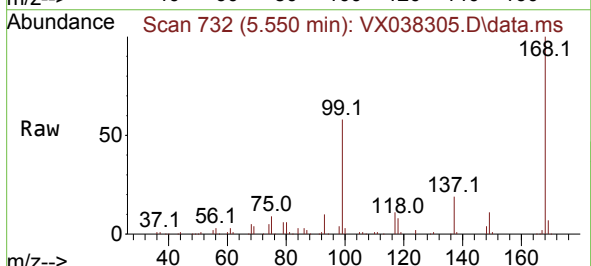


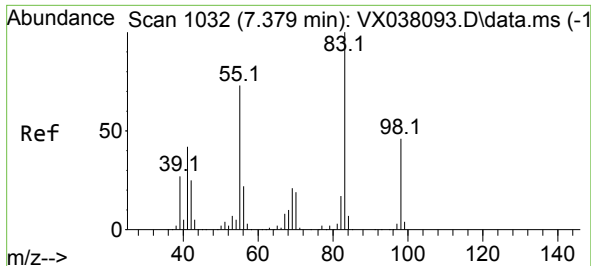
Tgt Ion: 75 Resp: 14027
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.251 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 117 Resp: 17759
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.310 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX038305.D

Acq: 16 Oct 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

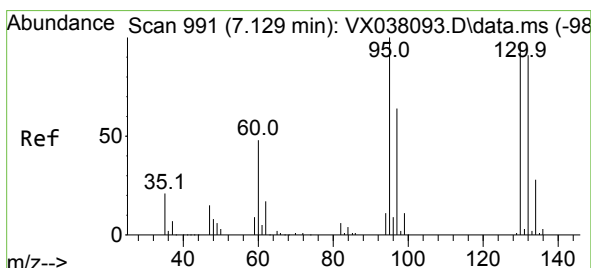
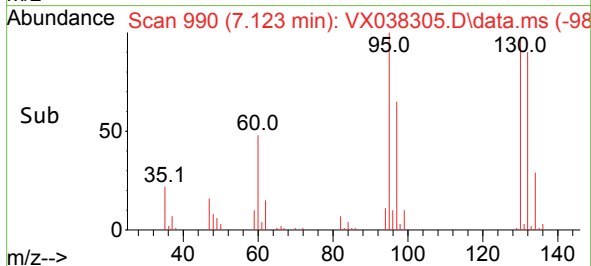
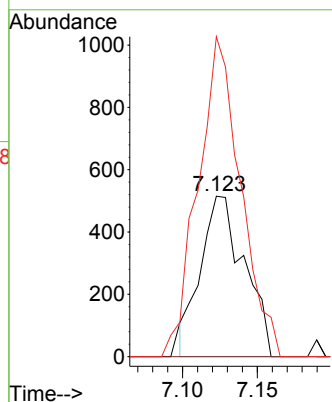
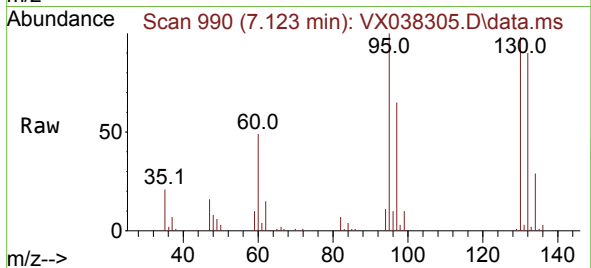
Tgt Ion: 83 Resp: 1047

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 199.4 36.7 55.1#



#44

Trichloroethene

Concen: 37.755 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038305.D

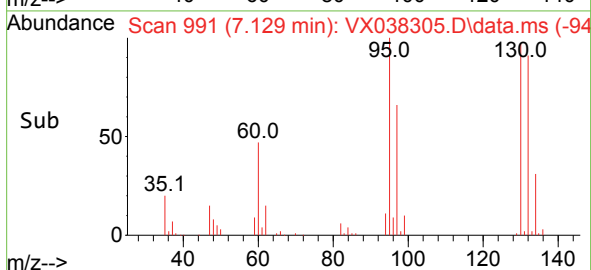
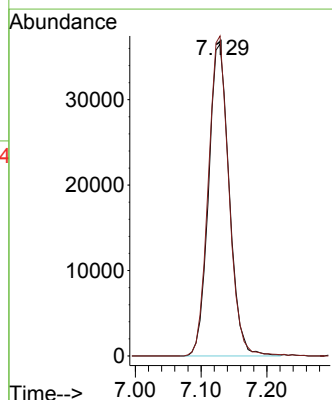
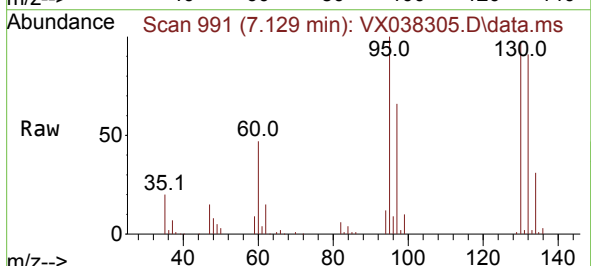
Acq: 16 Oct 2023 15:46

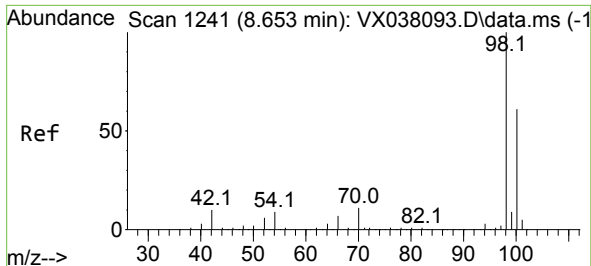
Tgt Ion:130 Resp: 79763

Ion Ratio Lower Upper

130 100

95 102.6 0.0 204.4

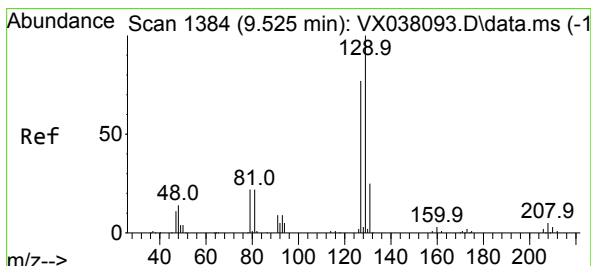
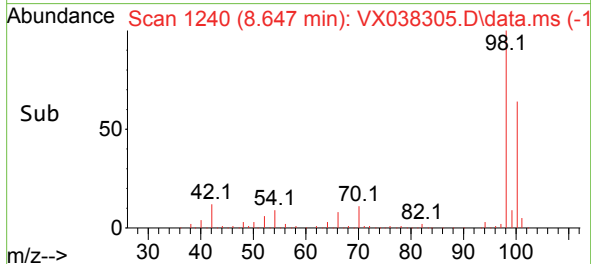
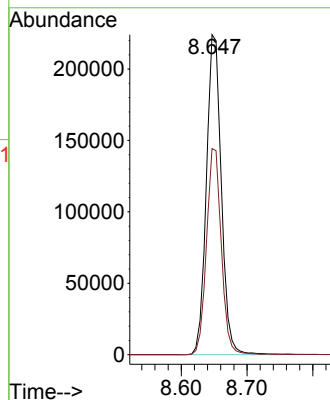
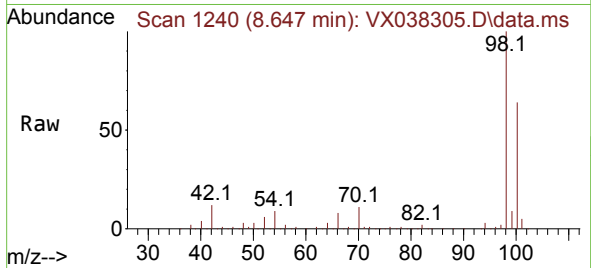




#50
Toluene-d8
Concen: 44.228 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

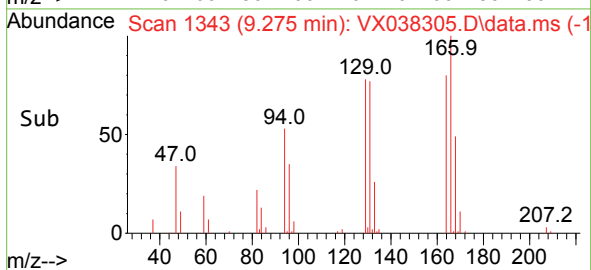
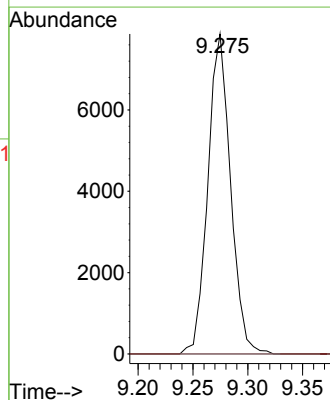
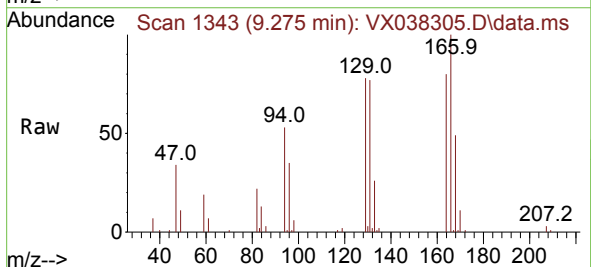
Instrument :
MSVOA_X
ClientSampleId :

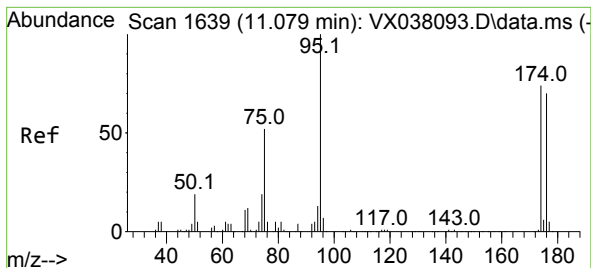
Tgt Ion: 98 Resp: 353938
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#60
Dibromochloromethane
Concen: 5.151 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 129 Resp: 11345
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

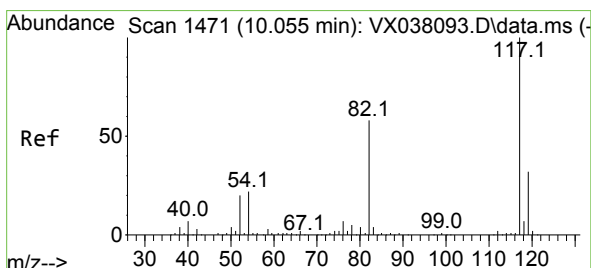
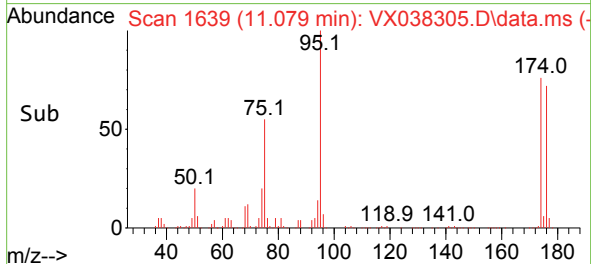
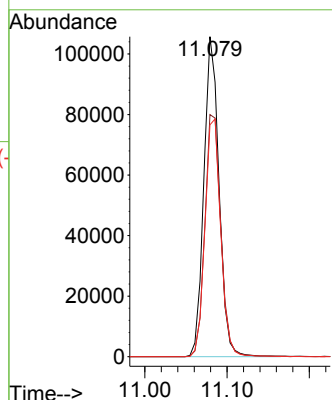
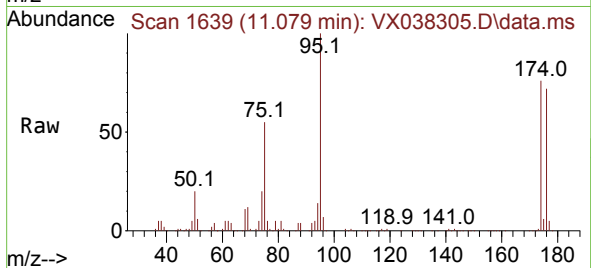




#62
4-Bromofluorobenzene
Concen: 44.646 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

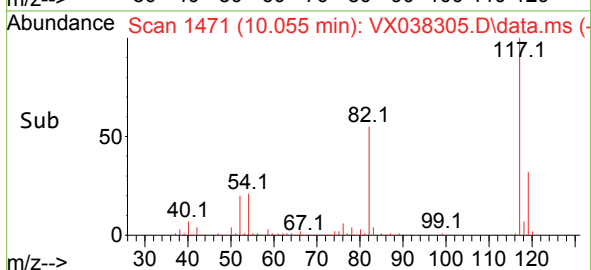
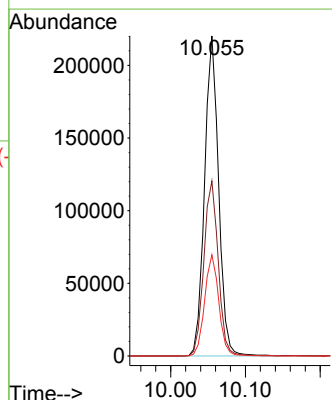
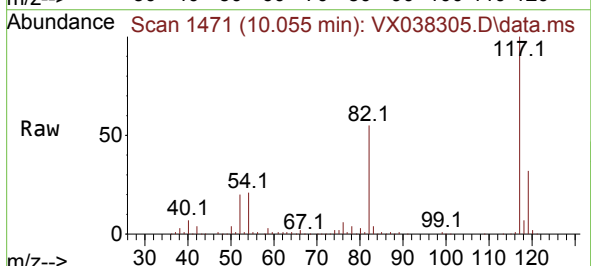
Instrument :
MSVOA_X
ClientSampleId :

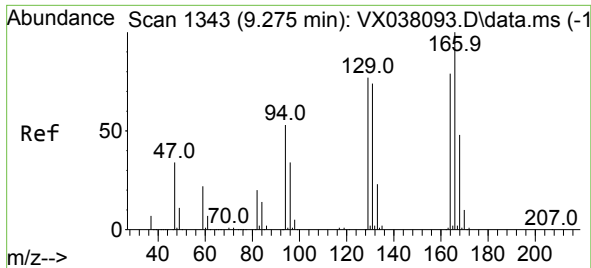
Tgt Ion: 95 Resp: 135451
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 77.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

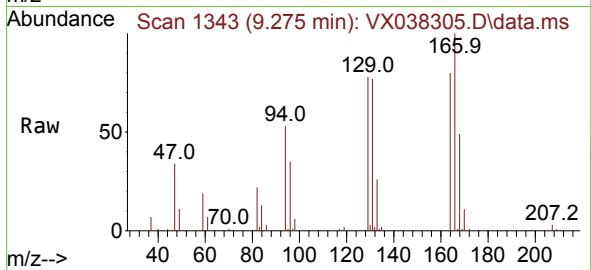
Tgt Ion: 117 Resp: 287417
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.6 25.5 38.3



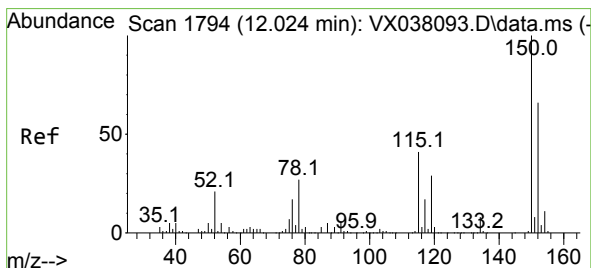
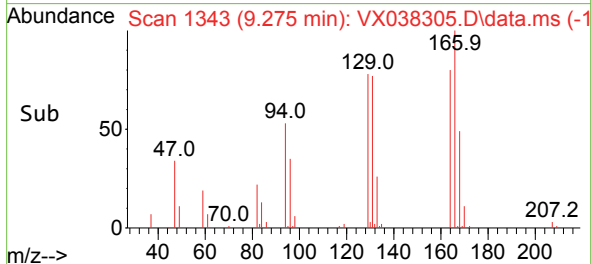
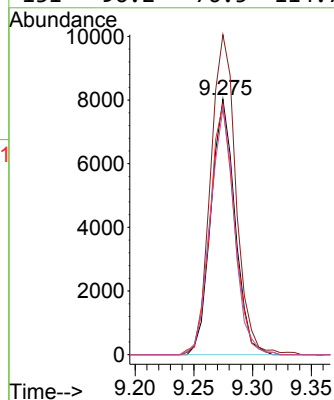


#64
Tetrachloroethene
Concen: 6.111 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :

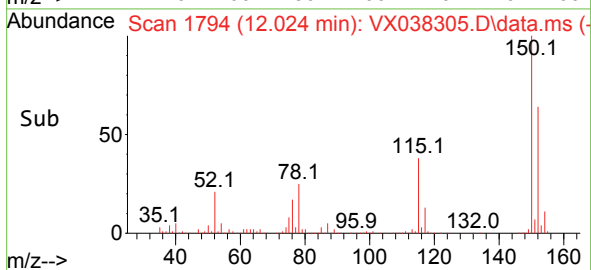
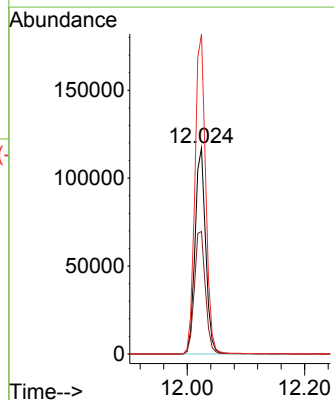
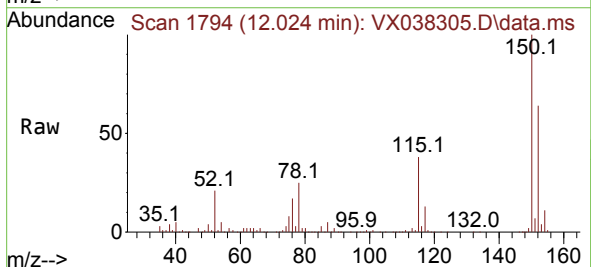


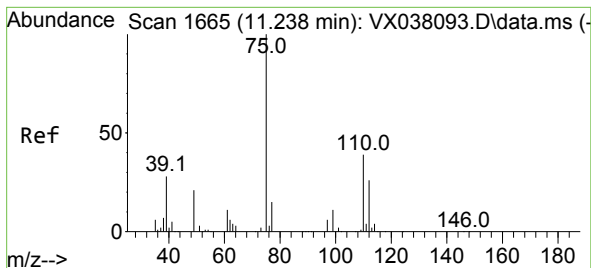
Tgt Ion:164 Resp: 11371
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 98.1 80.4 120.6
131 96.2 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Tgt Ion:152 Resp: 146693
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 157.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.301 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038305.D

Acq: 16 Oct 2023 15:46

Instrument :

MSVOA_X

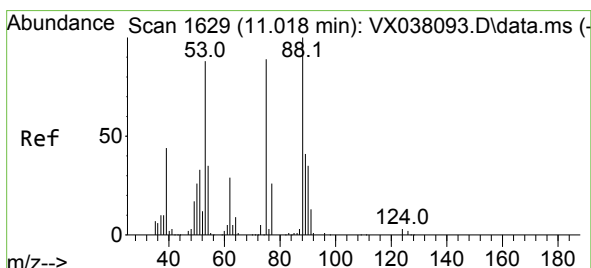
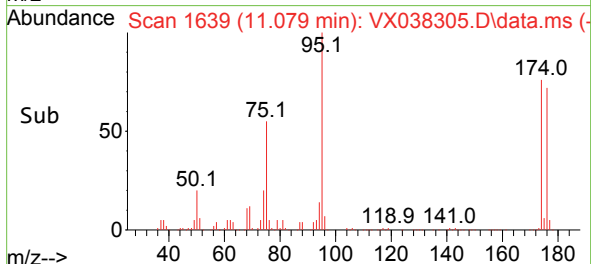
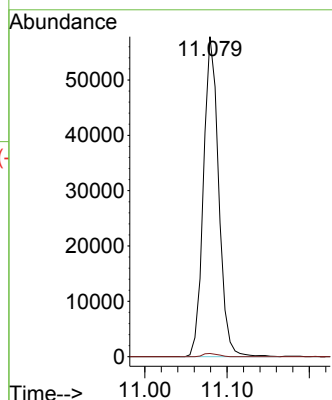
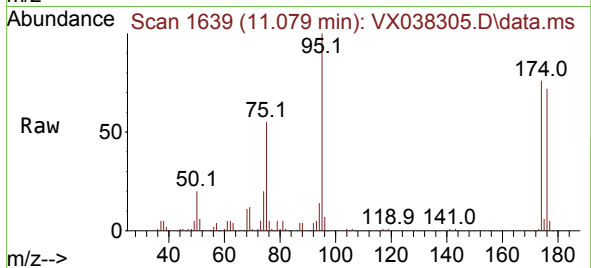
ClientSampleId :

Tgt Ion: 75 Resp: 74372

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.899 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038305.D

Acq: 16 Oct 2023 15:46

Tgt Ion: 75 Resp: 74372

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

