

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038481.D
 Acq On : 25 Oct 2023 15:43
 Operator : JC/MD
 Sample : 04980-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 04:06:14 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)

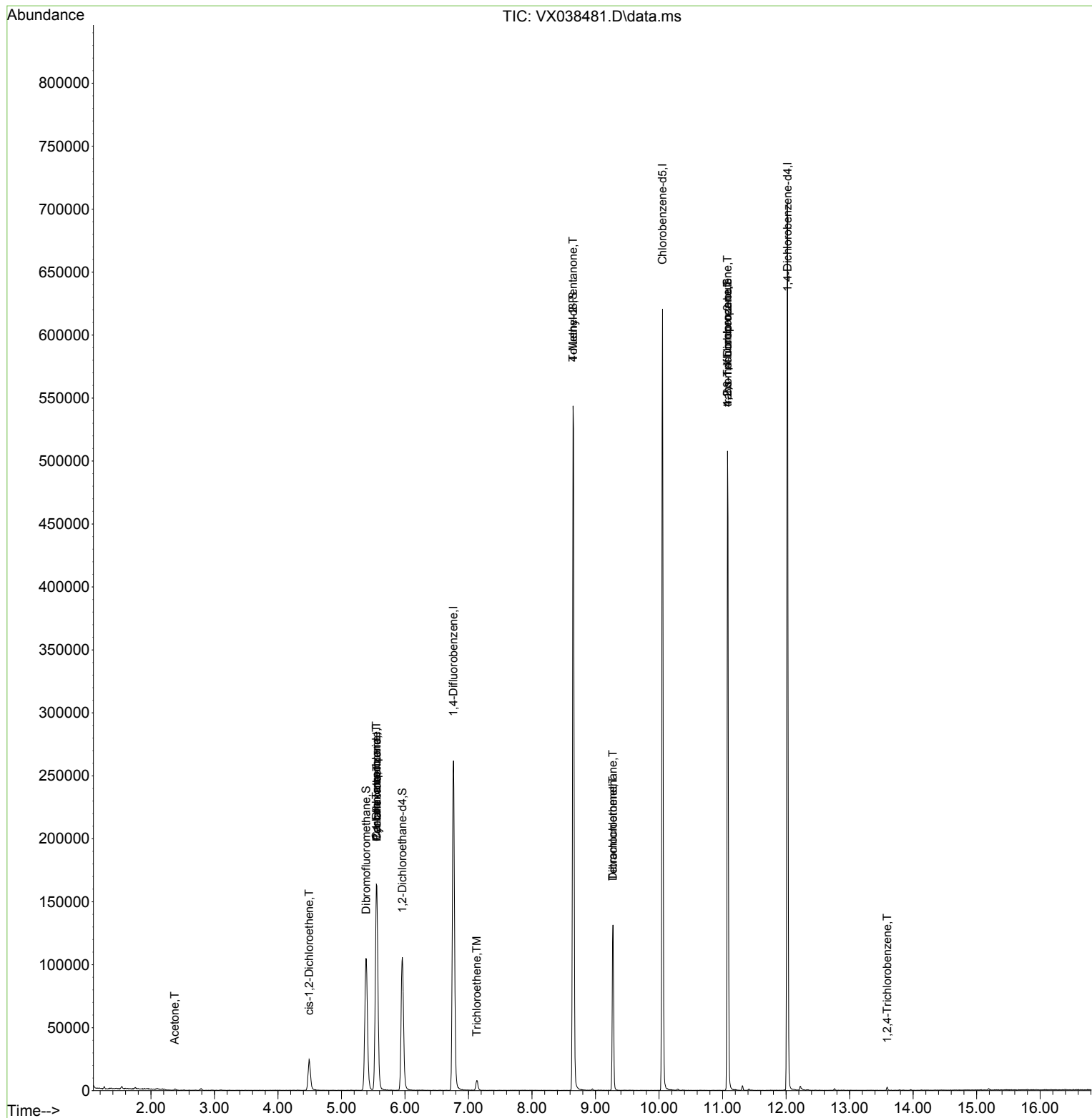
Internal Standards						
1) Pentafluorobenzene	5.556	168	163106	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	282557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104092	39.677	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.360%
35) Dibromofluoromethane	5.385	113	92873	45.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.647	98	340536	43.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.540%#
62) 4-Bromofluorobenzene	11.079	95	133805	45.365	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.374	94	19	Below Cal	#	3
6) Chloroethane	1.678	64	99	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	50	Below Cal	#	78
16) Acetone	2.373	43	1129	1.031	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	15665	7.119	ug/l	78
31) Cyclohexane	5.556	56	3346	1.177	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	11740	4.181	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	15912	5.761	ug/l	# 15
44) Trichloroethene	7.129	130	3395	1.653	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1455	0.424	ug/l	# 1
60) Dibromochloromethane	9.275	129	23871	11.147	ug/l	# 11
64) Tetrachloroethene	9.275	164	24685	13.318	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	69401	19.877	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	69401	57.391	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	728	0.224	ug/l	90

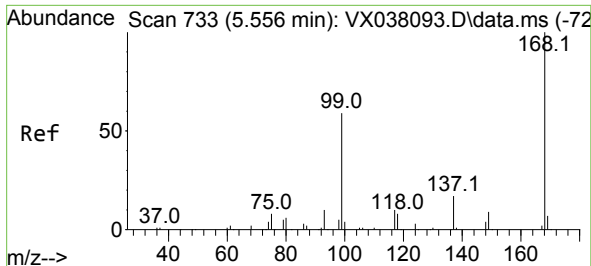
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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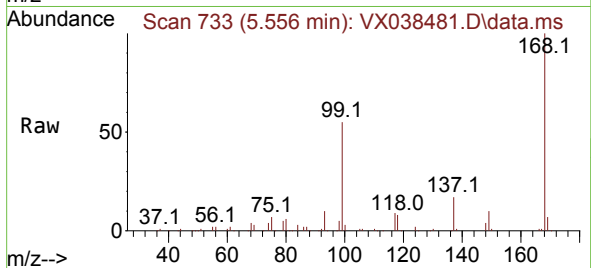
Quant Time: Oct 26 04:06:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



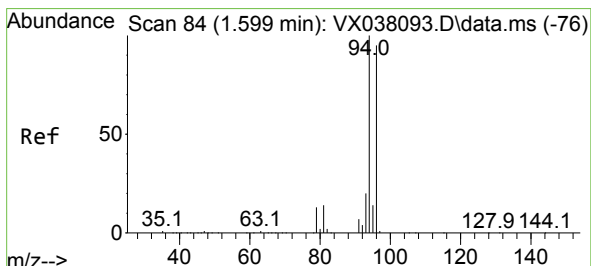
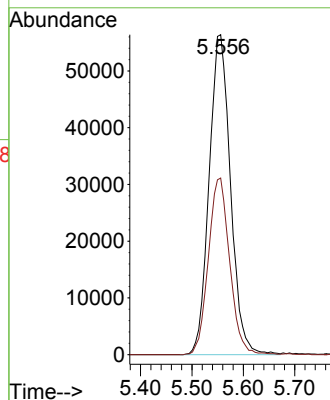
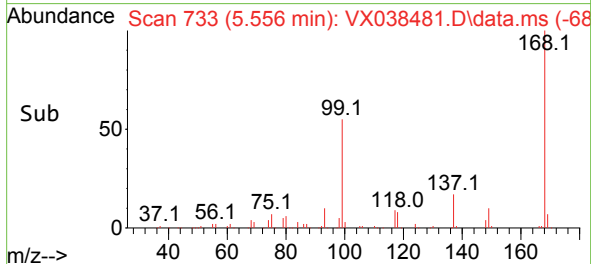


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :

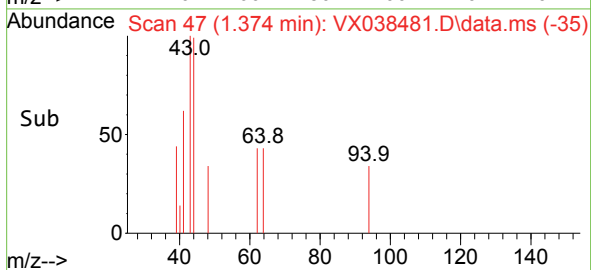
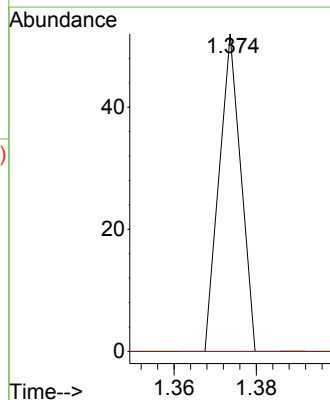
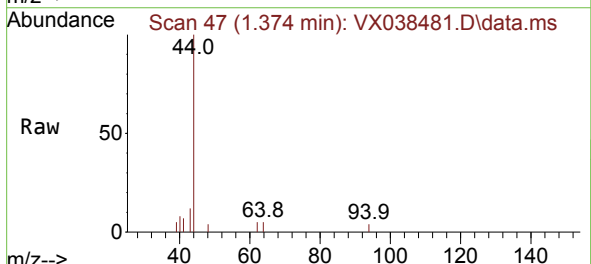


Tgt Ion:168 Resp: 163106
Ion Ratio Lower Upper
168 100
99 55.2 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.374 min Scan# 47
Delta R.T. -0.225 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

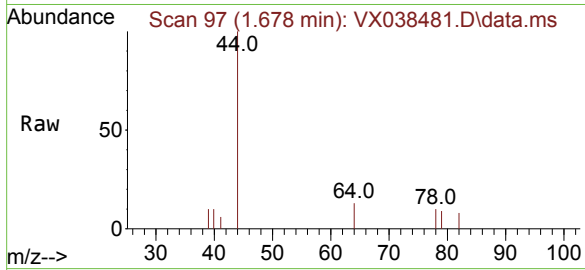
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



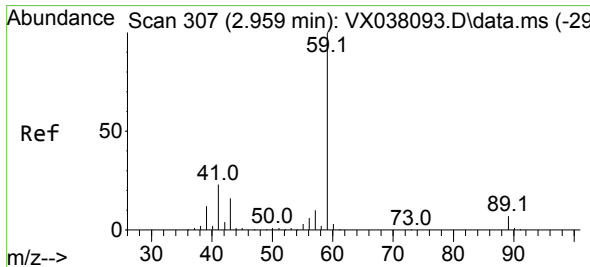
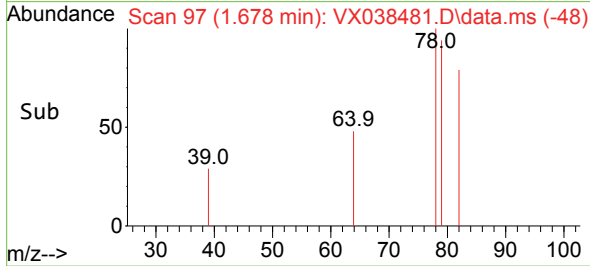
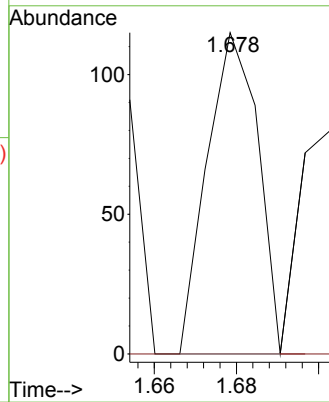


#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :

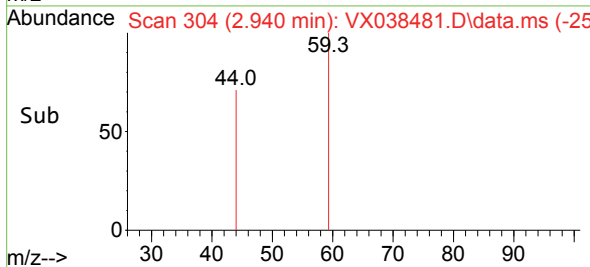
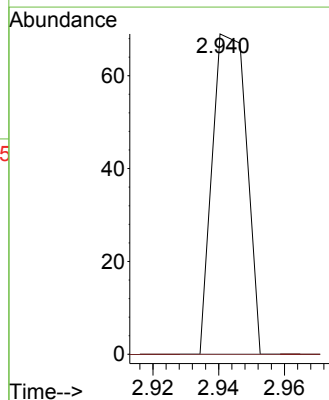
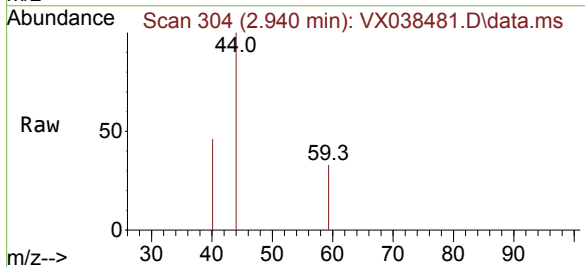


Tgt Ion: 64 Resp: 99
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

Tgt Ion: 59 Resp: 50
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

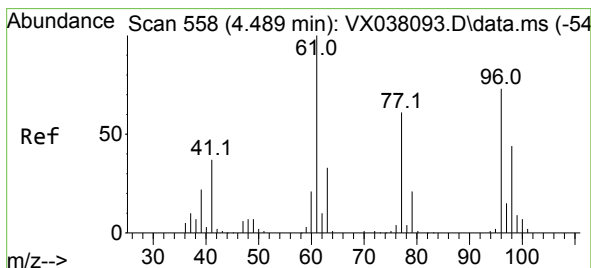
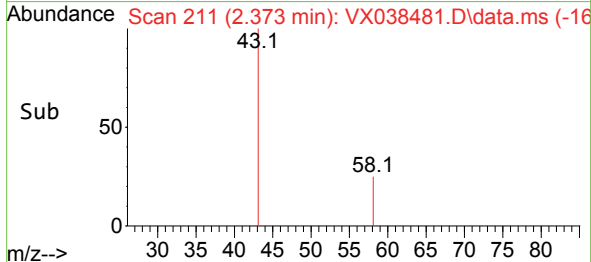
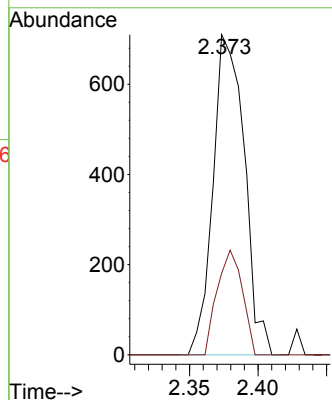
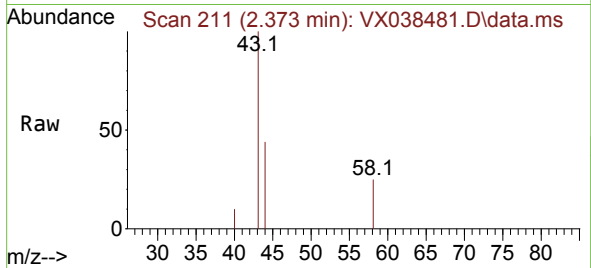




#16
Acetone
Concen: 1.031 ug/l
RT: 2.373 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

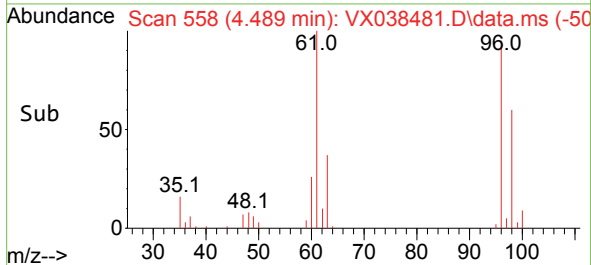
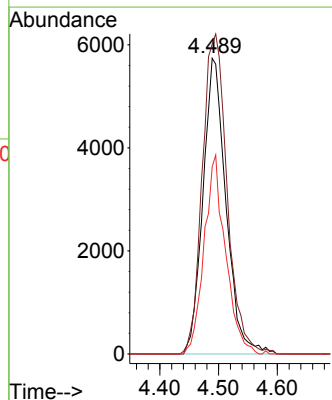
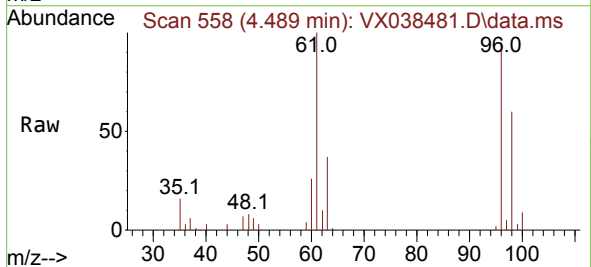
Instrument :
MSVOA_X
ClientSampleId :

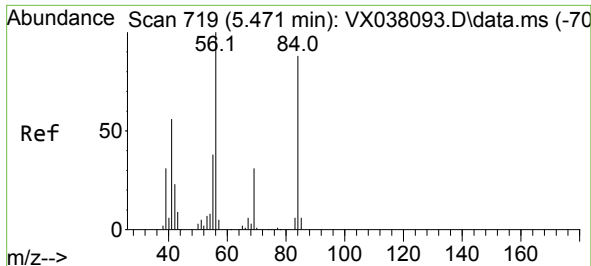
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 25.5 21.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 7.119 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

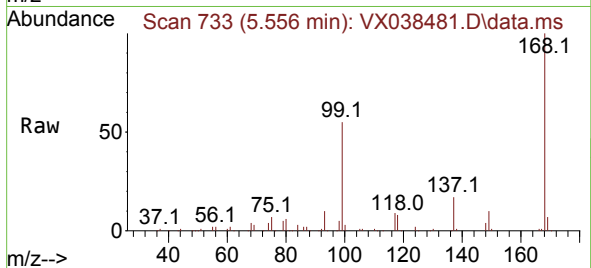
Tgt Ion: 96 Resp: 15665
Ion Ratio Lower Upper
96 100
61 116.6 0.0 312.2
98 62.2 0.0 129.0



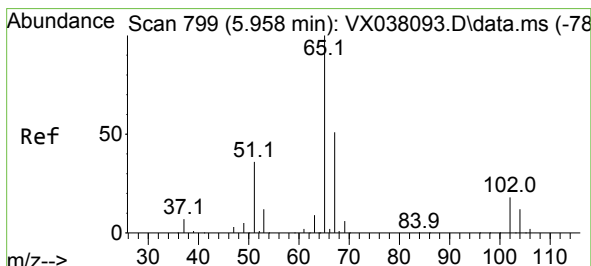
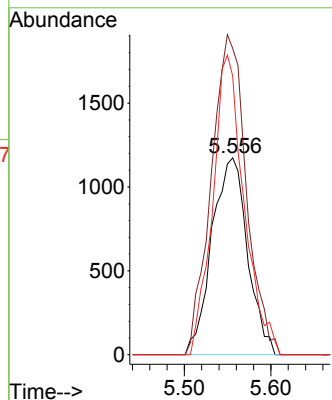
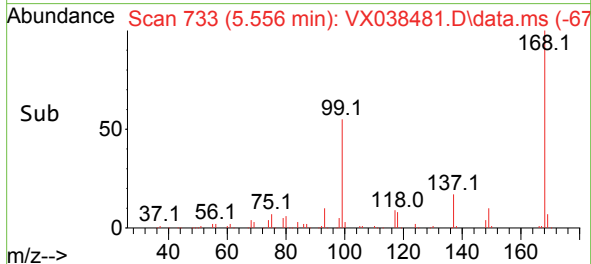


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :

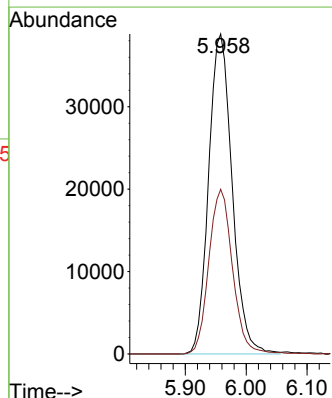
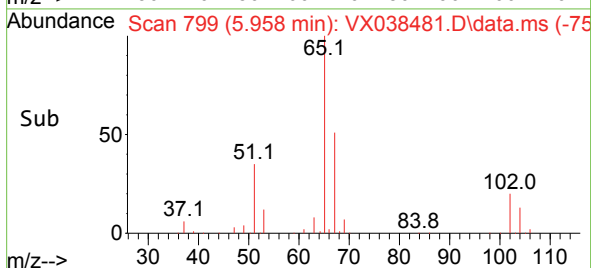
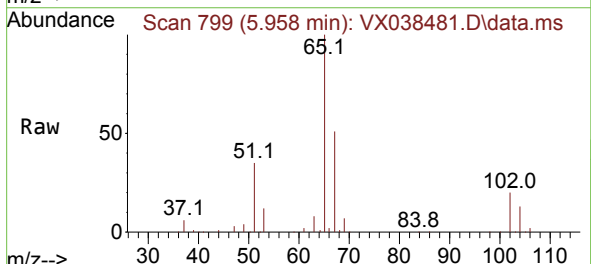


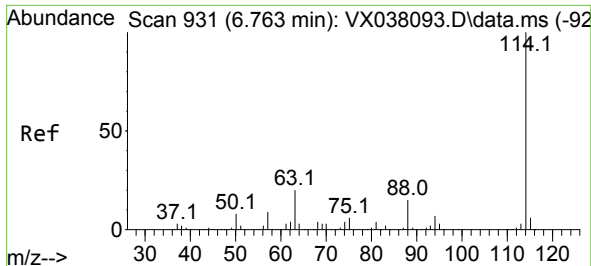
Tgt Ion: 56 Resp: 3346
Ion Ratio Lower Upper
56 100
69 155.5 23.4 35.2#
84 141.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.677 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

Tgt Ion: 65 Resp: 104092
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

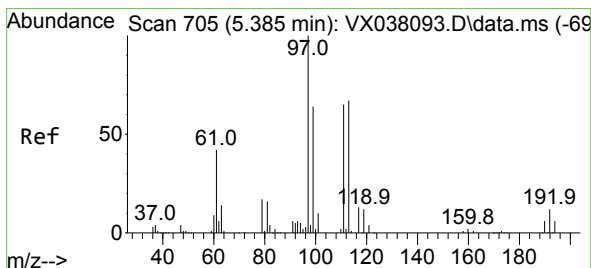
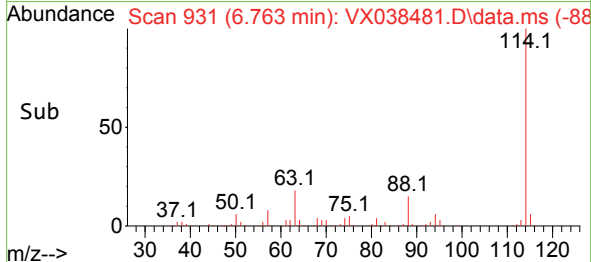
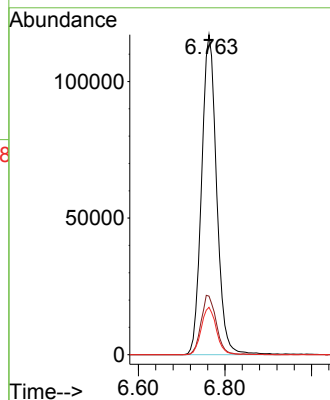
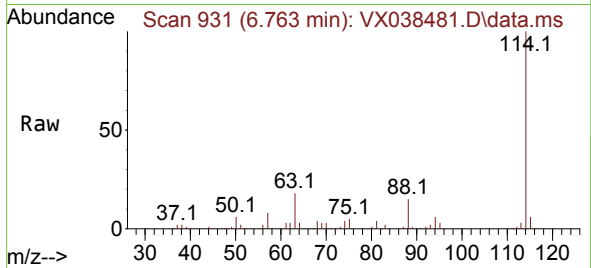




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

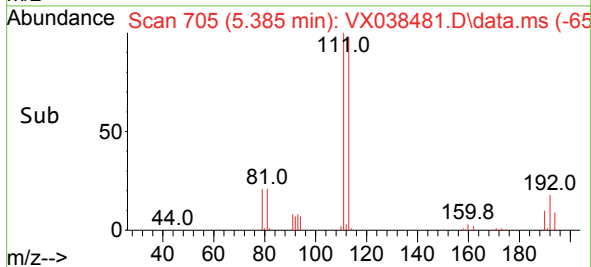
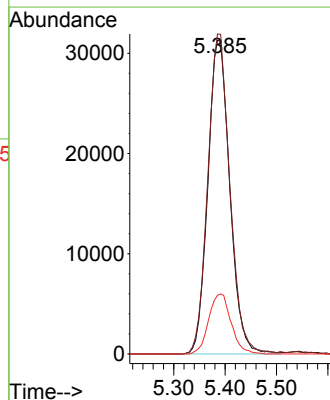
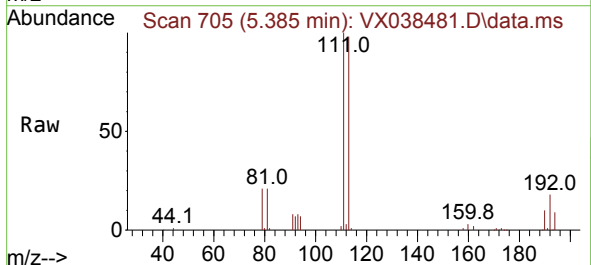
Instrument :
MSVOA_X
ClientSampleId :

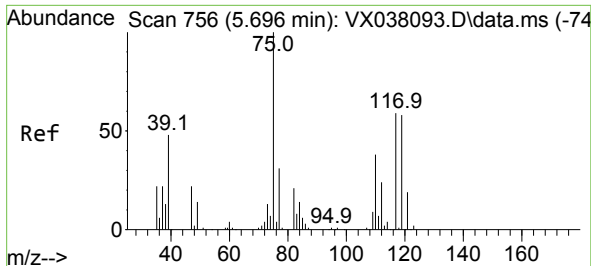
Tgt Ion:114 Resp: 282557
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.615 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

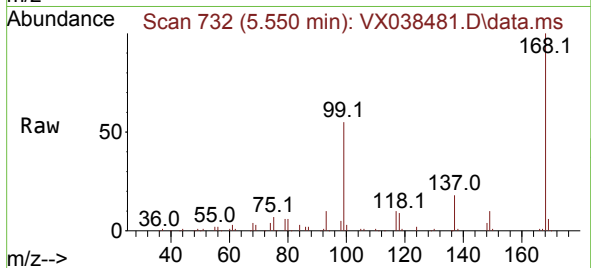
Tgt Ion:113 Resp: 92873
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.5 13.3 19.9



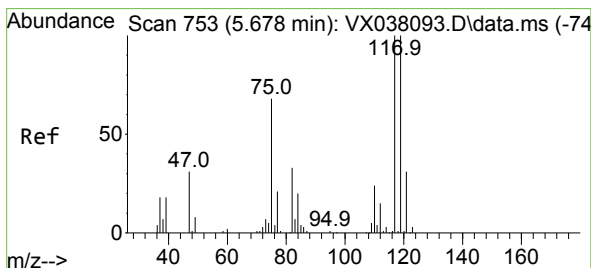
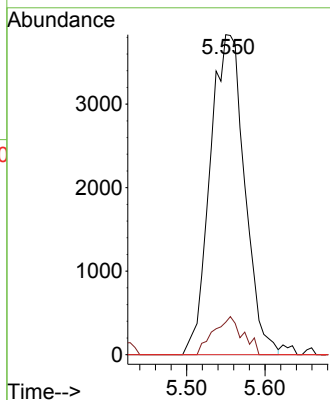
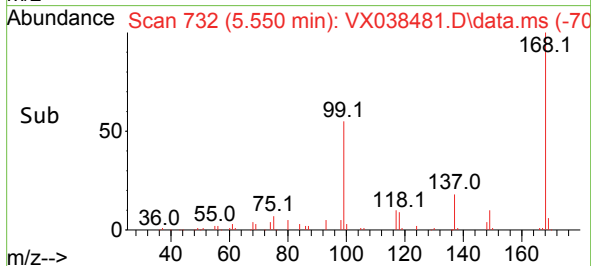


#36
 1,1-Dichloropropene
 Concen: 4.181 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.140 min
 Lab File: VX038481.D
 Acq: 25 Oct 2023 15:43

Instrument :
 MSVOA_X
 ClientSampleId :

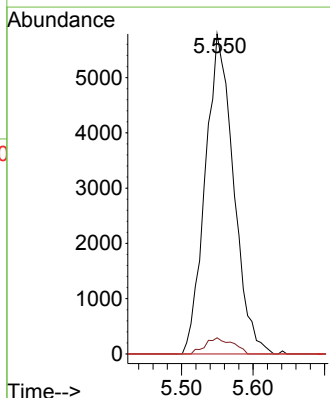
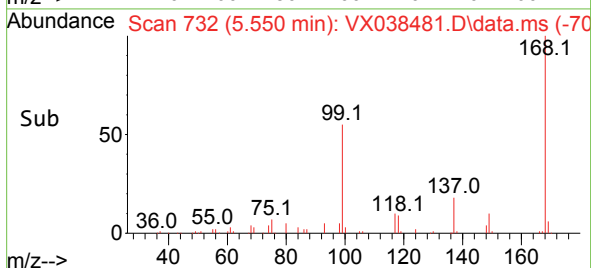
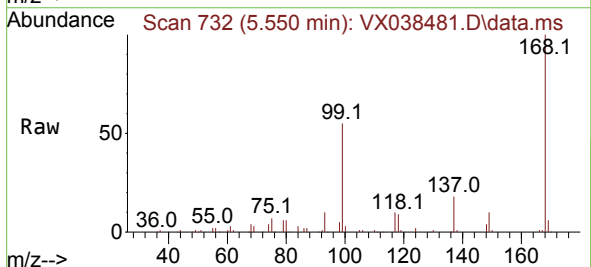


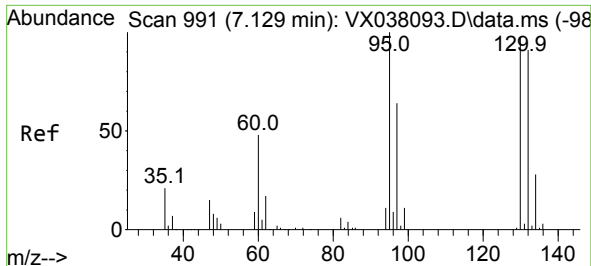
Tgt Ion: 75 Resp: 11740
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.761 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX038481.D
 Acq: 25 Oct 2023 15:43

Tgt Ion: 117 Resp: 15912
 Ion Ratio Lower Upper
 117 100
 119 5.0 78.2 117.2#
 121 0.0 24.4 36.6#

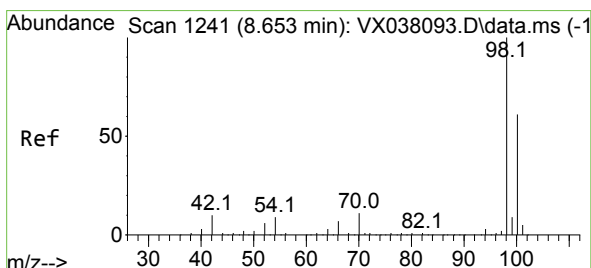
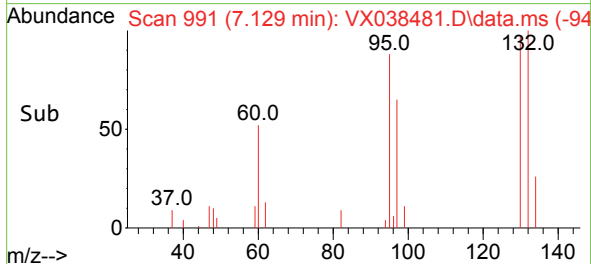
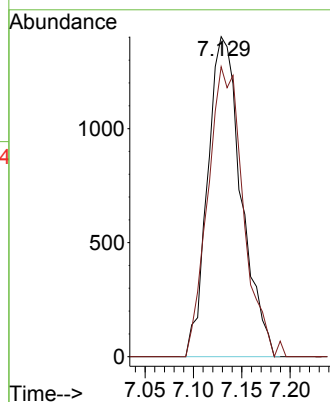
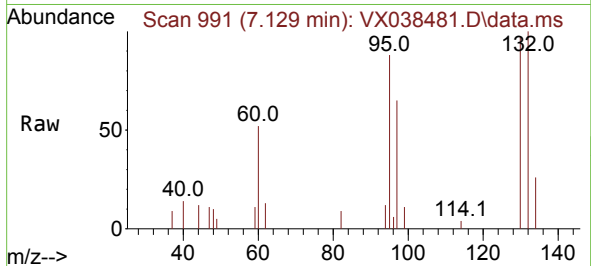




#44
Trichloroethene
Concen: 1.653 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

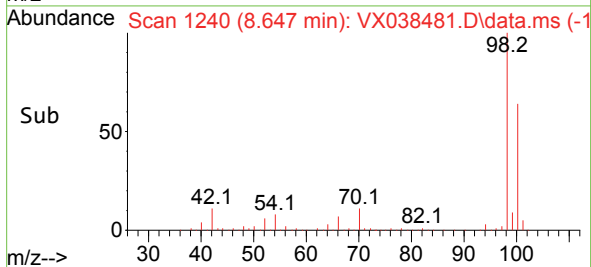
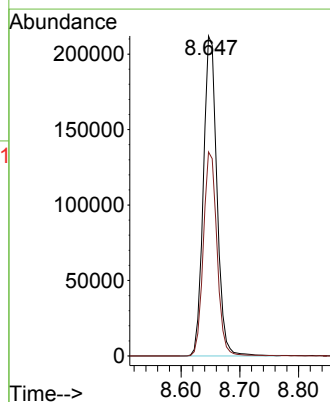
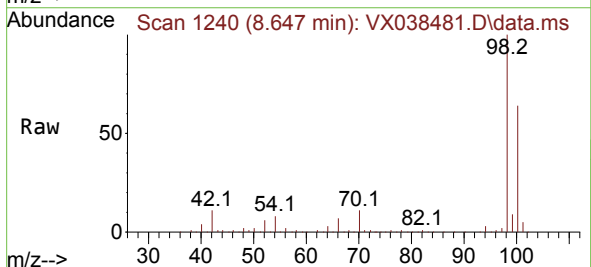
Instrument :
MSVOA_X
ClientSampleId :

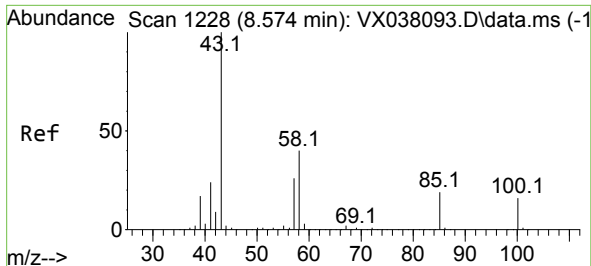
Tgt Ion:130 Resp: 3395
Ion Ratio Lower Upper
130 100
95 90.6 0.0 204.4



#50
Toluene-d8
Concen: 43.770 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

Tgt Ion: 98 Resp: 340536
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

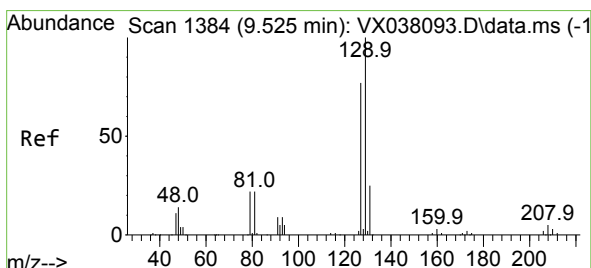
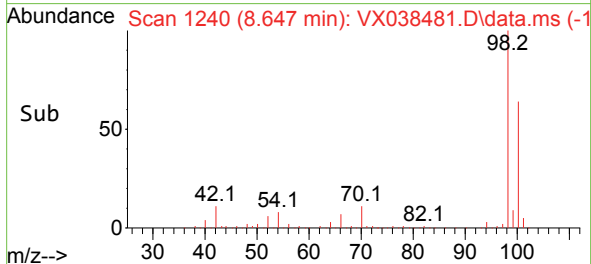
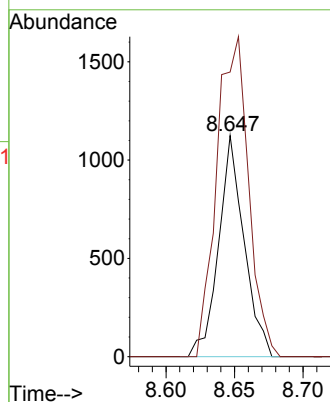
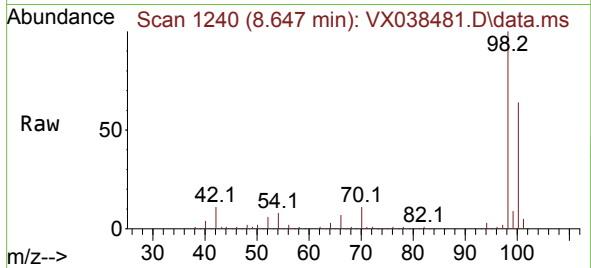




#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

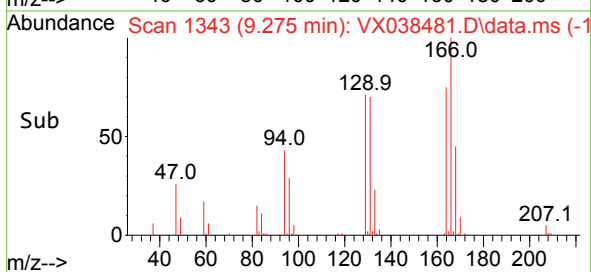
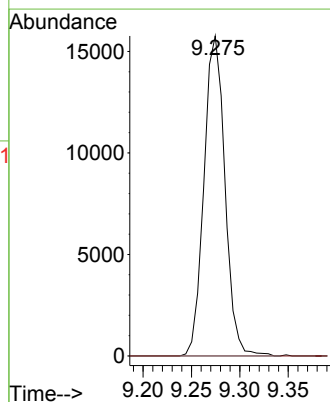
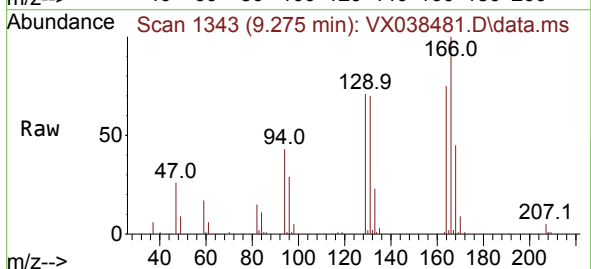
Instrument :
MSVOA_X
ClientSampleId :

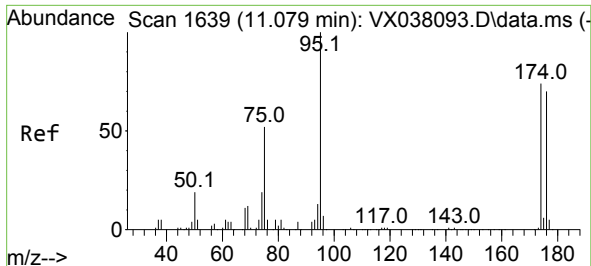
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 181.0 30.4 45.6#



#60
Dibromochloromethane
Concen: 11.147 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

Tgt Ion: 129 Resp: 23871
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

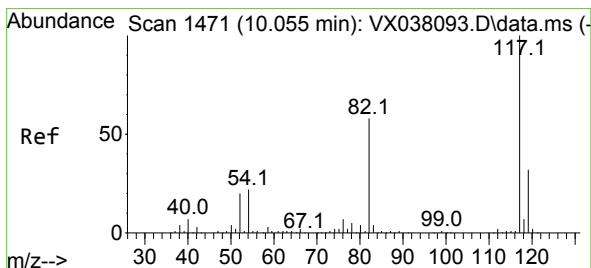
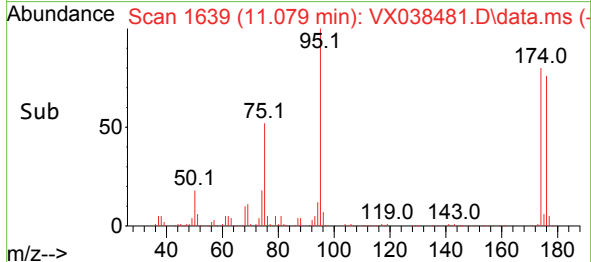
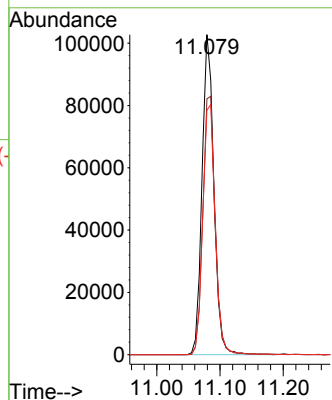
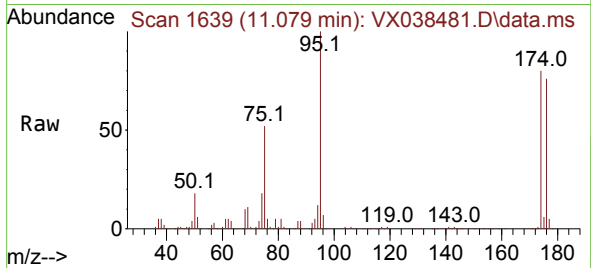




#62
4-Bromofluorobenzene
Concen: 45.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

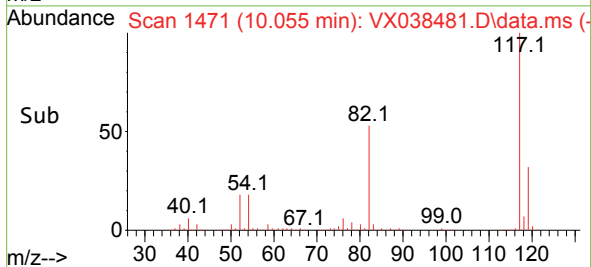
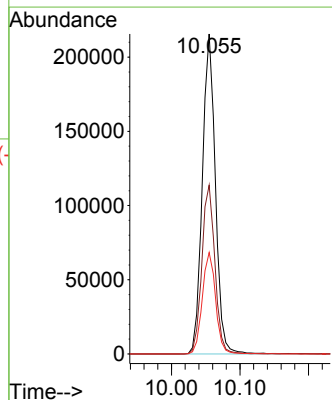
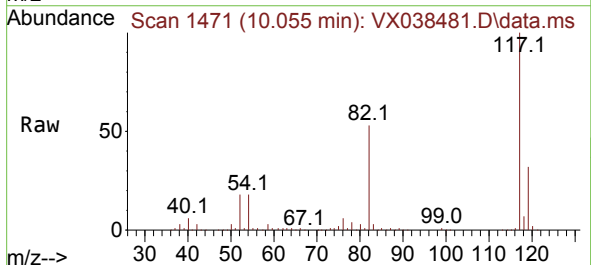
Instrument :
MSVOA_X
ClientSampleId :

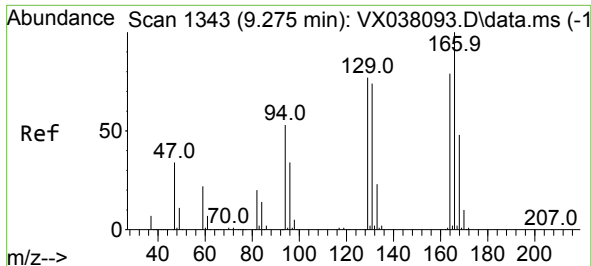
Tgt Ion: 95 Resp: 133805
Ion Ratio Lower Upper
95 100
174 84.6 0.0 135.6
176 82.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

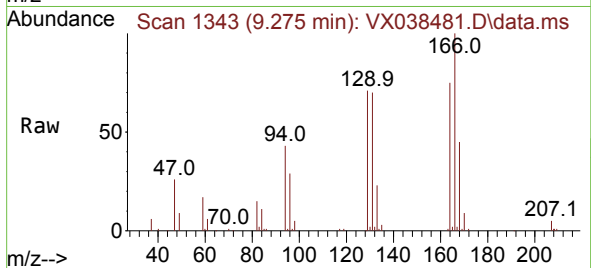
Tgt Ion: 117 Resp: 286317
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 31.7 25.5 38.3



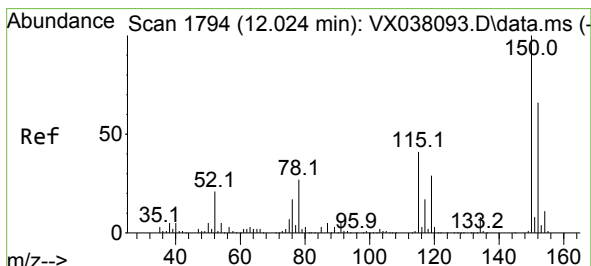
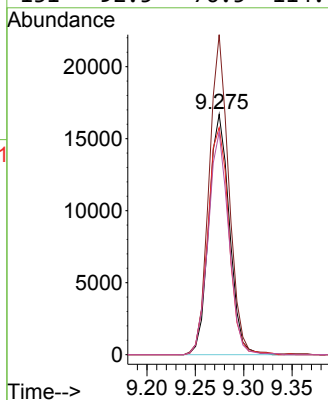
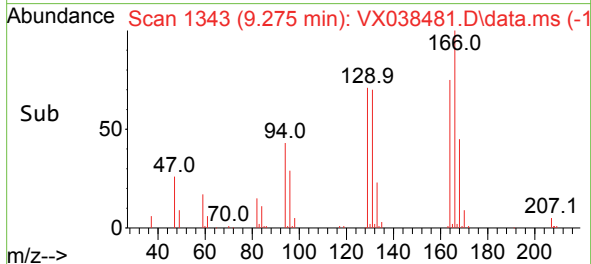


#64
Tetrachloroethene
Concen: 13.318 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43

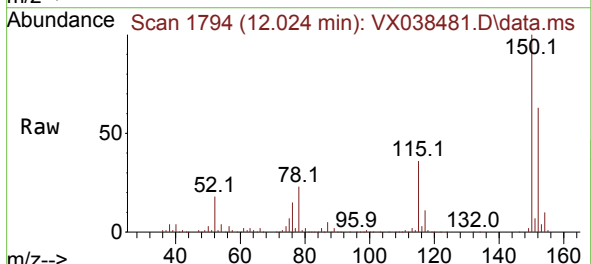
Instrument :
MSVOA_X
ClientSampleId :



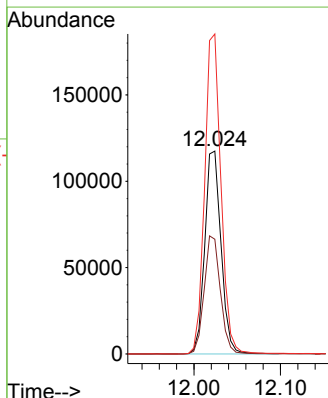
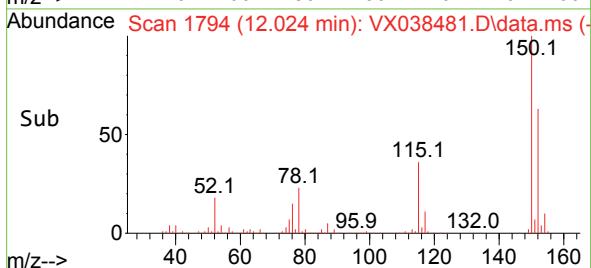
Tgt Ion:164 Resp: 24685
Ion Ratio Lower Upper
164 100
166 133.1 102.7 154.1
129 94.5 80.4 120.6
131 92.5 76.5 114.7

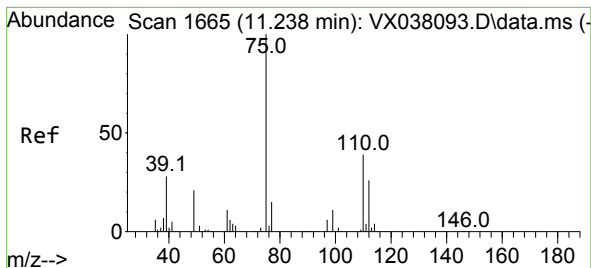


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038481.D
Acq: 25 Oct 2023 15:43



Tgt Ion:152 Resp: 153585
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.9
150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.877 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038481.D

Acq: 25 Oct 2023 15:43

Instrument :

MSVOA_X

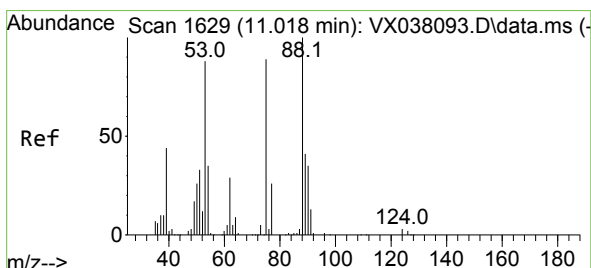
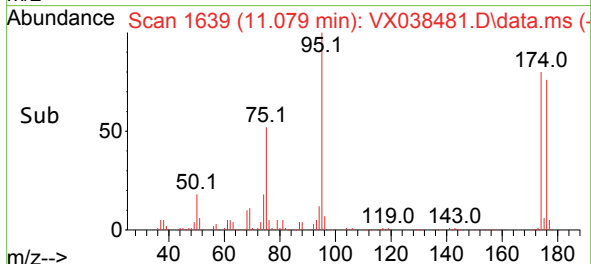
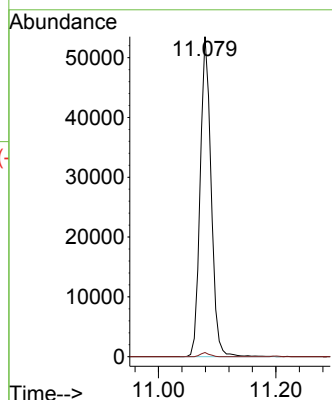
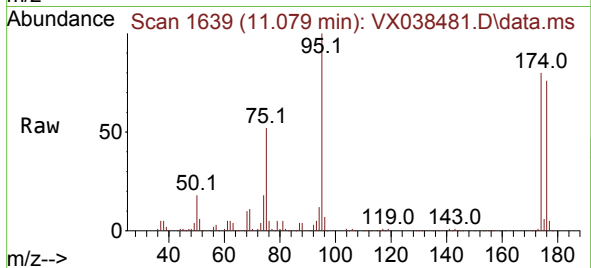
ClientSampleId :

Tgt Ion: 75 Resp: 69401

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.391 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038481.D

Acq: 25 Oct 2023 15:43

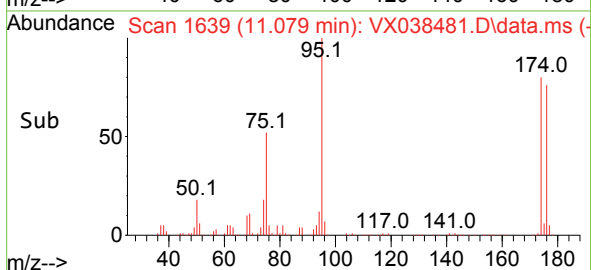
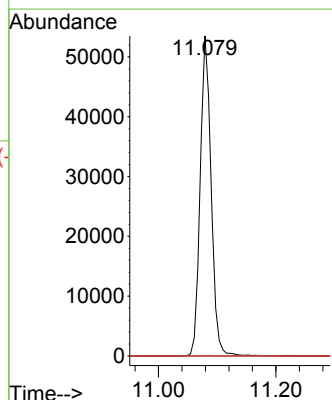
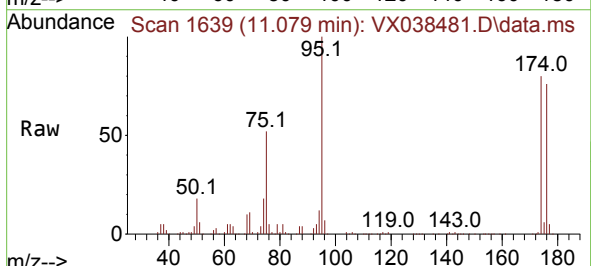
Tgt Ion: 75 Resp: 69401

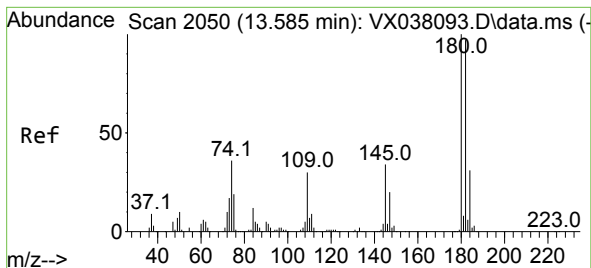
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.224 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

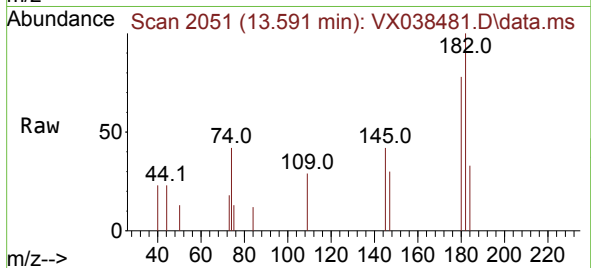
Lab File: VX038481.D

Acq: 25 Oct 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 728

Ion Ratio Lower Upper

180 100

182 108.4 48.3 144.8

145 38.7 18.0 54.0

