

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037674.D
 Acq On : 12 Sep 2023 17:26
 Operator : JC/MD
 Sample : 04394-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 13 01:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

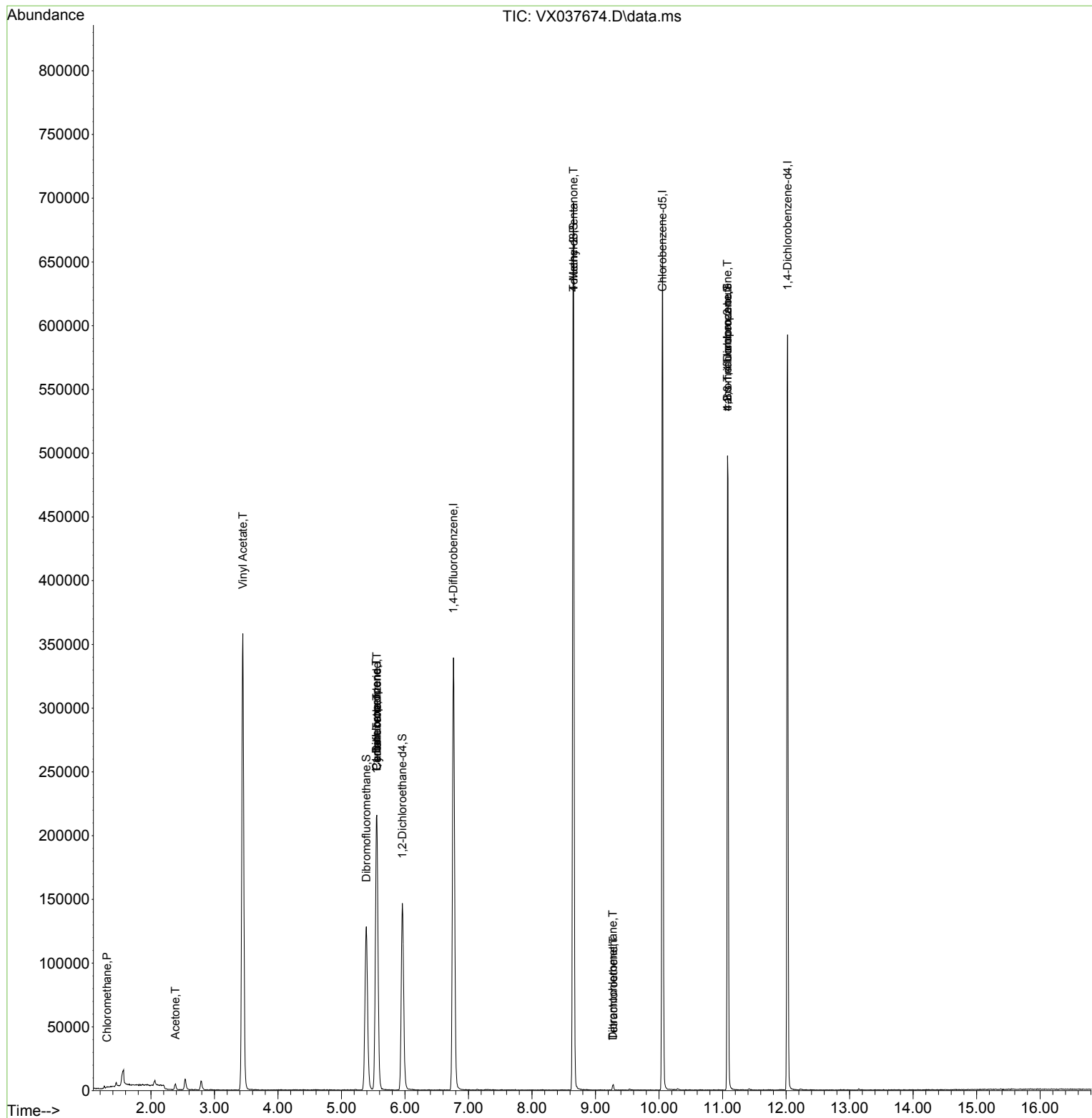
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

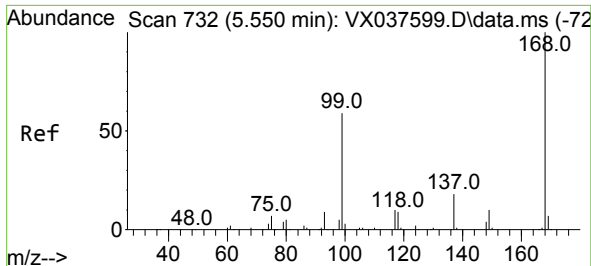
Internal Standards						
1) Pentafluorobenzene	5.556	168	199510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	345060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141146	43.726	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.460%
35) Dibromofluoromethane	5.391	113	111091	45.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.840%
50) Toluene-d8	8.653	98	424469	46.017	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.040%
62) 4-Bromofluorobenzene	11.079	95	132324	39.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.520%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	980	0.393	ug/l #	81
11) Tert butyl alcohol	2.959	59	214	Below Cal	#	78
16) Acetone	2.386	43	5025	3.851	ug/l	97
23) Vinyl Acetate	3.446	43	84783	14.838	ug/l #	47
31) Cyclohexane	5.556	56	4773	1.284	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16980	5.103	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21330	6.275	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	2055	0.515	ug/l #	1
60) Dibromochloromethane	9.275	129	804	0.300	ug/l #	11
64) Tetrachloroethene	9.281	164	745	0.380	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	70162	26.566	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	70162	80.754	ug/l #	5

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

Instrument :
MSVOA_X
ClientSampleId :

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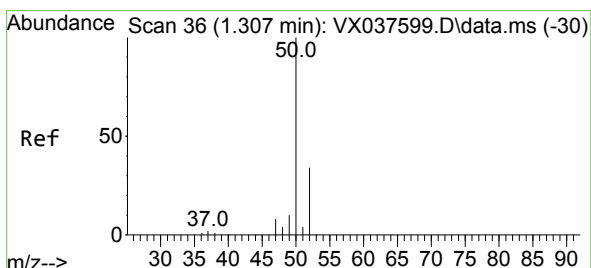
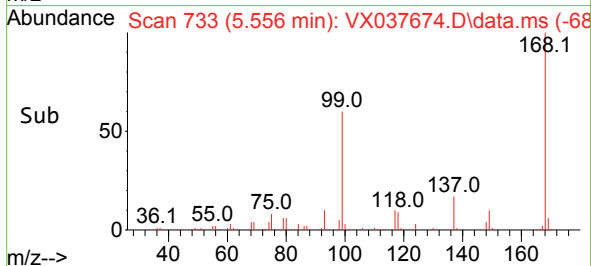
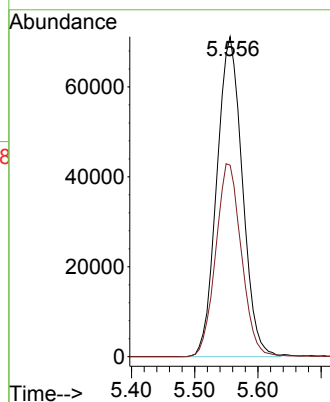
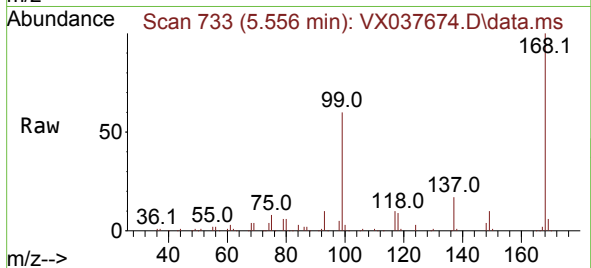




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

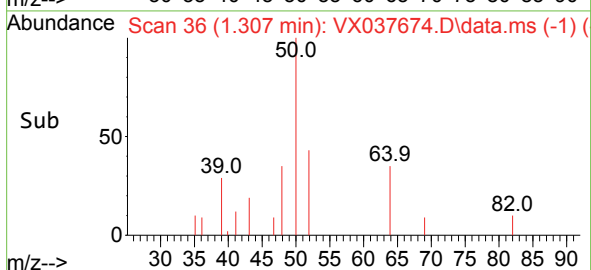
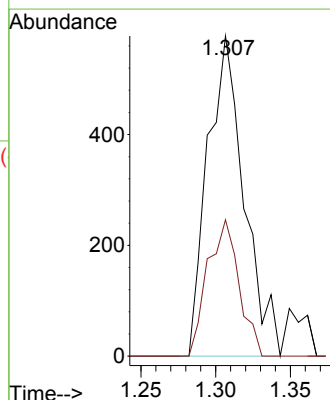
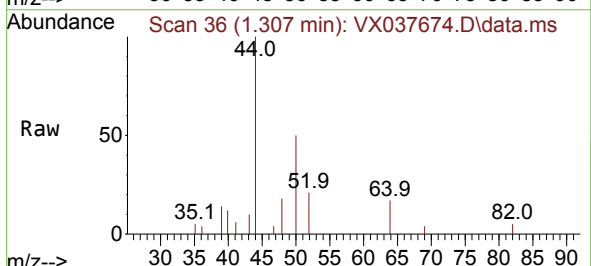
Instrument :
MSVOA_X
ClientSampleId :

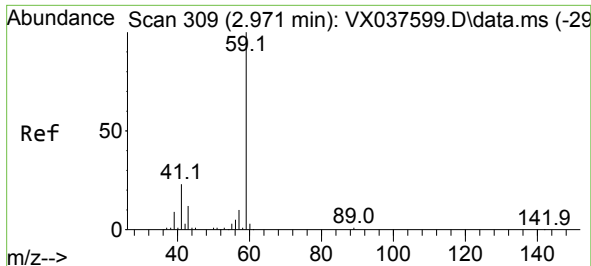
Tgt Ion:168 Resp: 199510
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#3
Chloromethane
Concen: 0.393 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Tgt Ion: 50 Resp: 980
Ion Ratio Lower Upper
50 100
52 42.6 25.5 38.3#

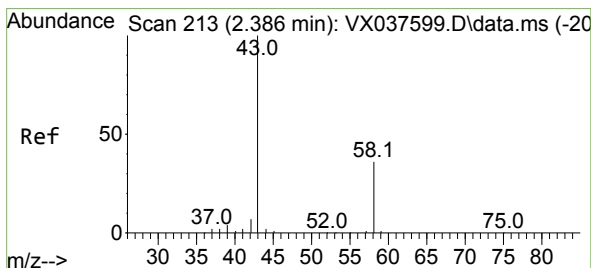
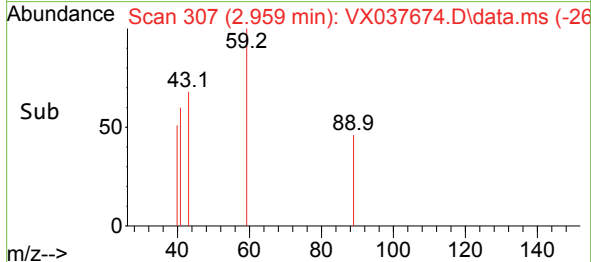
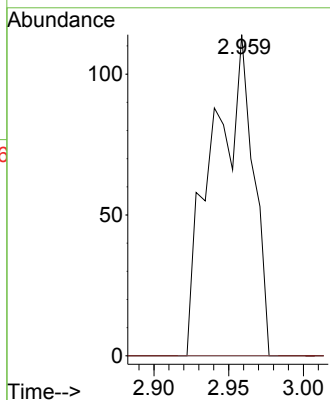
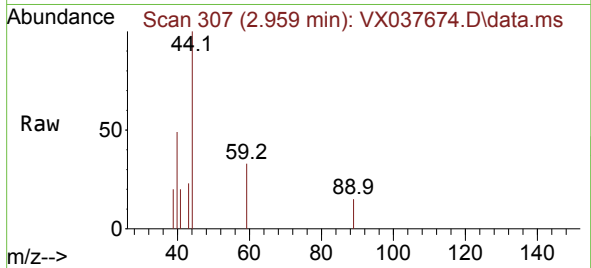




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

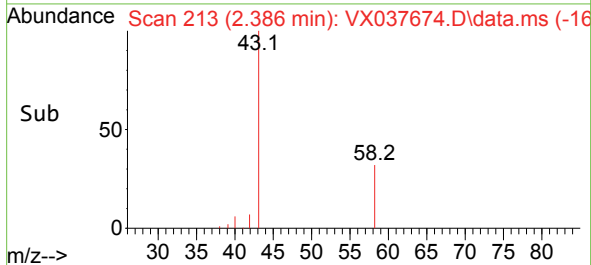
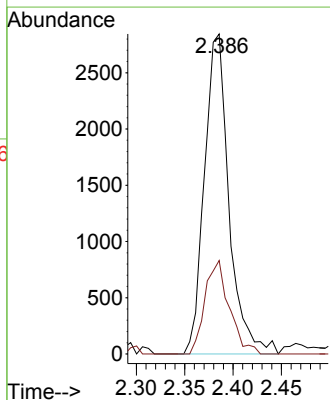
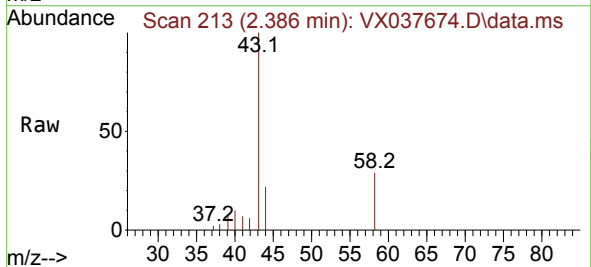
Instrument :
MSVOA_X
ClientSampleId :

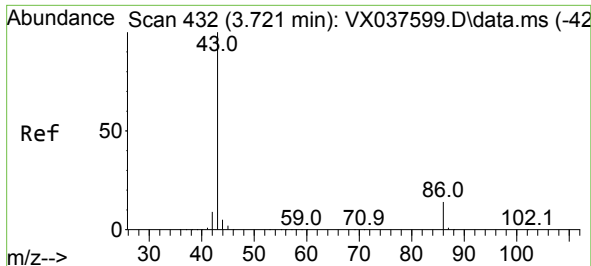
Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 3.851 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Tgt Ion: 43 Resp: 5025
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9

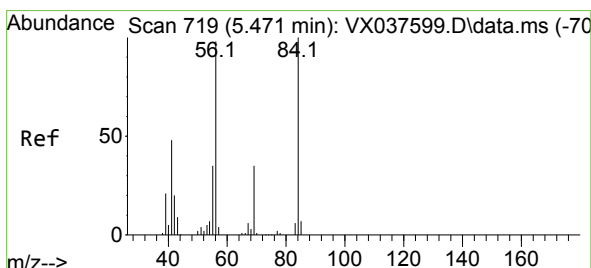
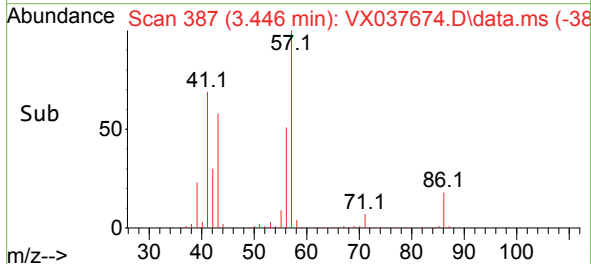
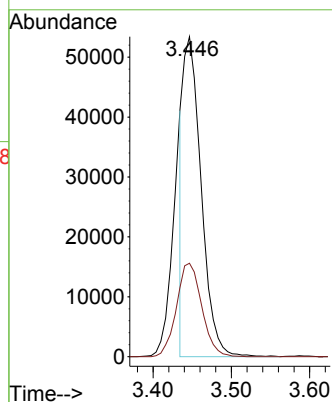
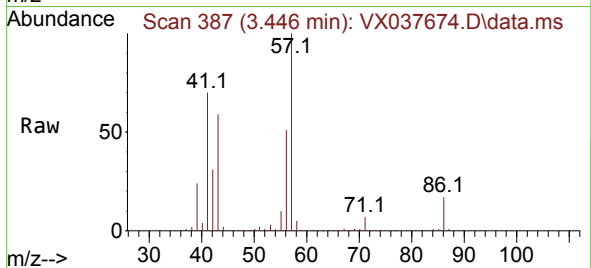




#23
 Vinyl Acetate
 Concen: 14.838 ug/l
 RT: 3.446 min Scan# 31
 Delta R.T. -0.274 min
 Lab File: VX037674.D
 Acq: 12 Sep 2023 17:26

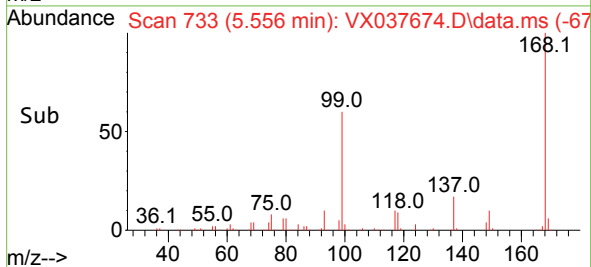
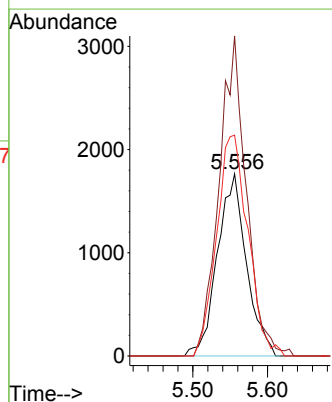
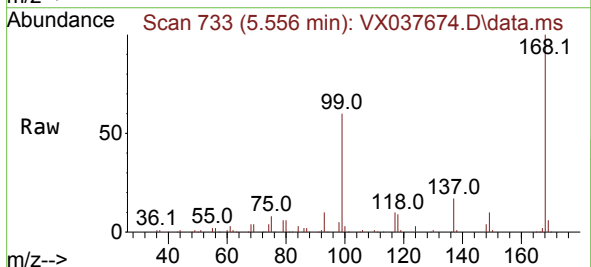
Instrument :
 MSVOA_X
 ClientSampleId :

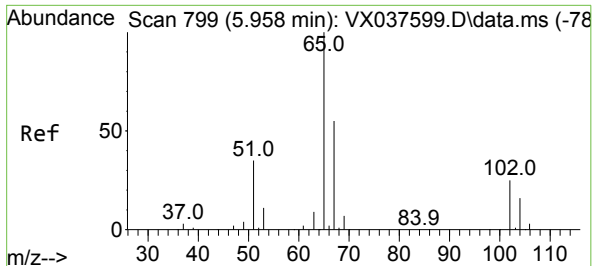
Tgt Ion: 43 Resp: 84783
 Ion Ratio Lower Upper
 43 100
 86 29.2 7.8 11.8#



#31
 Cyclohexane
 Concen: 1.284 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX037674.D
 Acq: 12 Sep 2023 17:26

Tgt Ion: 56 Resp: 4773
 Ion Ratio Lower Upper
 56 100
 69 175.7 23.4 35.2#
 84 121.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.726 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037674.D

Acq: 12 Sep 2023 17:26

Instrument :

MSVOA_X

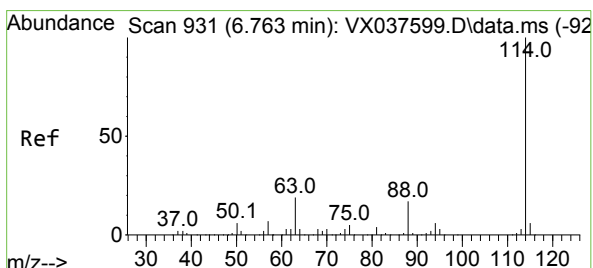
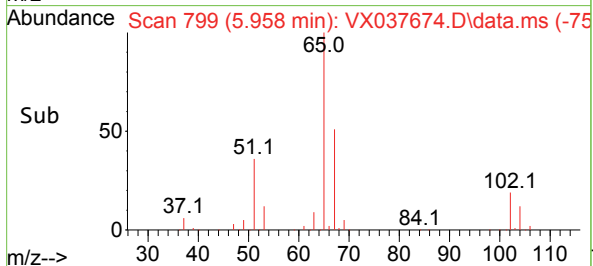
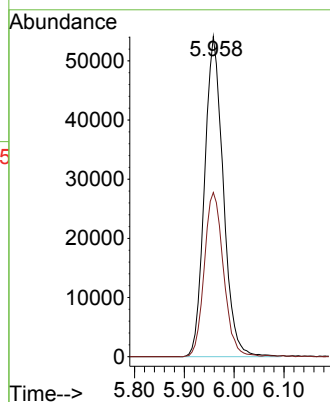
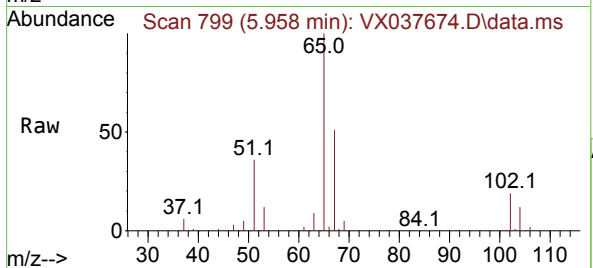
ClientSampleId :

Tgt Ion: 65 Resp: 141146

Ion Ratio Lower Upper

65 100

67 52.5 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: VX037674.D

Acq: 12 Sep 2023 17:26

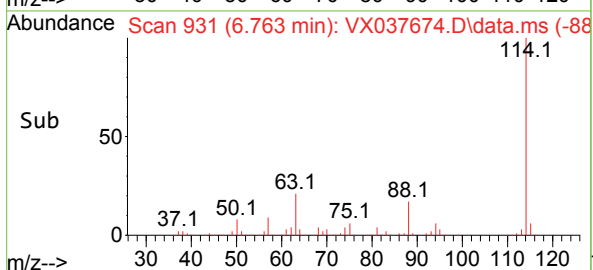
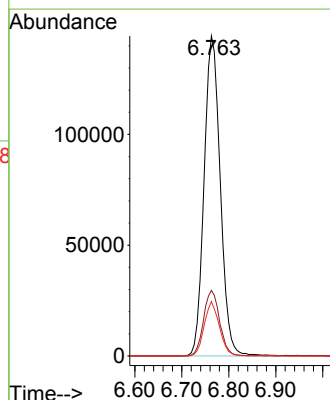
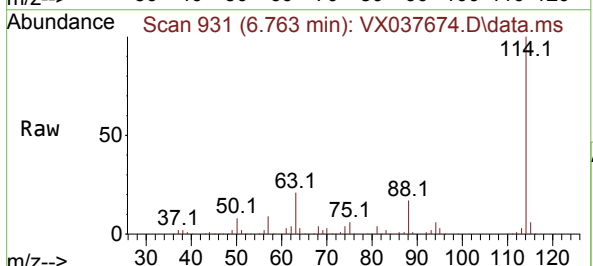
Tgt Ion: 114 Resp: 345060

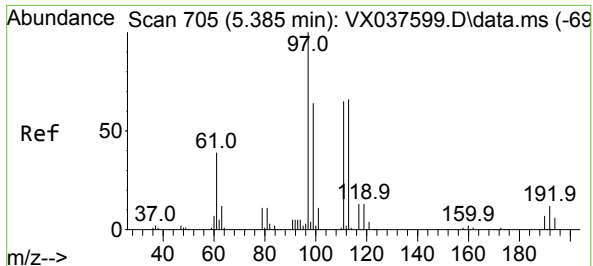
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 17.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.421 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

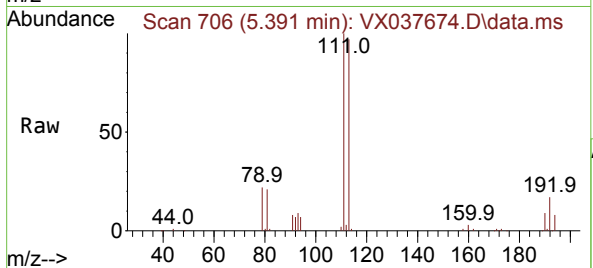
Lab File: VX037674.D

Acq: 12 Sep 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :



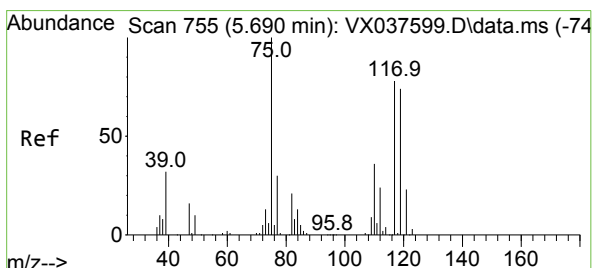
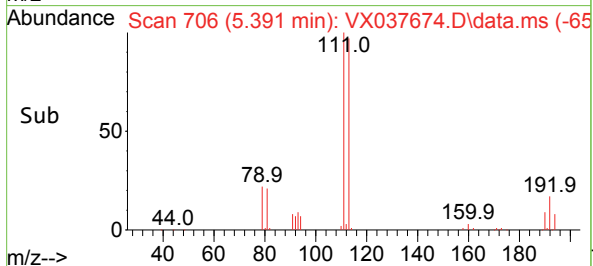
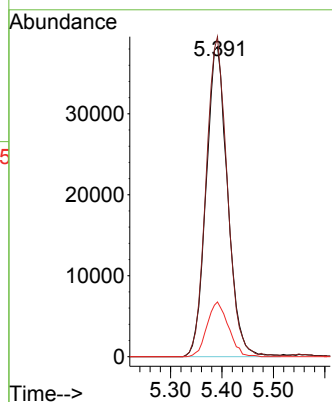
Tgt Ion:113 Resp: 111091

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 17.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.103 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX037674.D

Acq: 12 Sep 2023 17:26

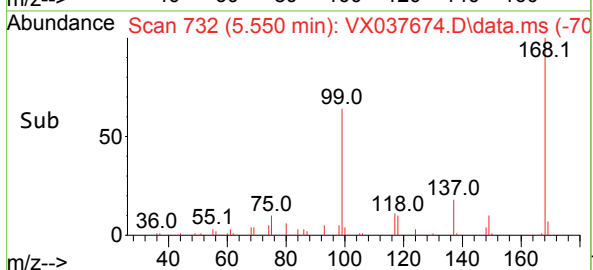
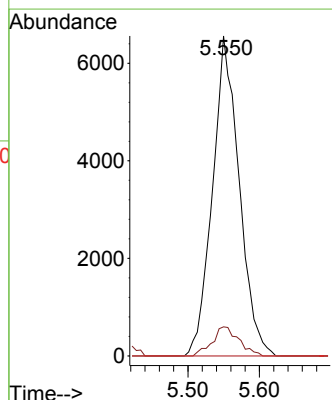
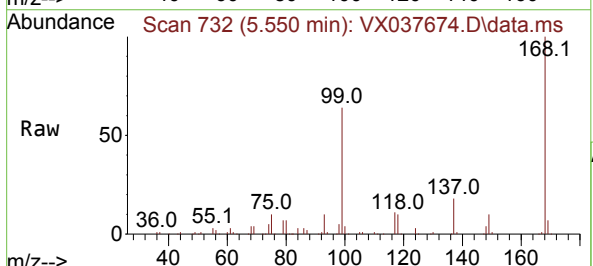
Tgt Ion: 75 Resp: 16980

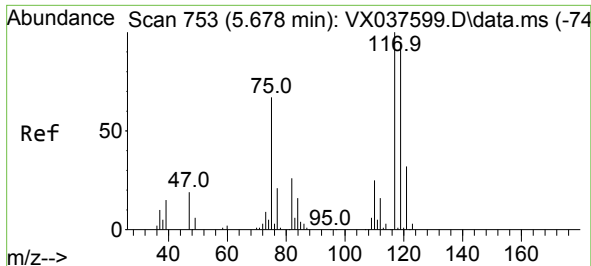
Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

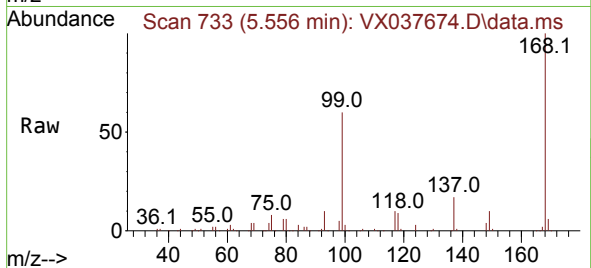
77 0.0 24.7 37.1#



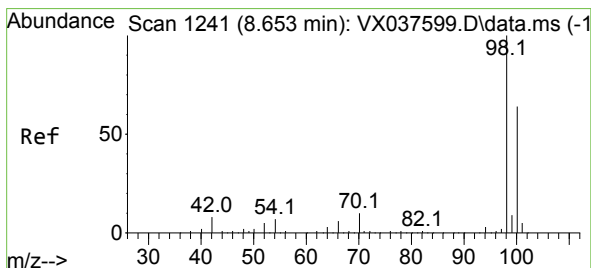
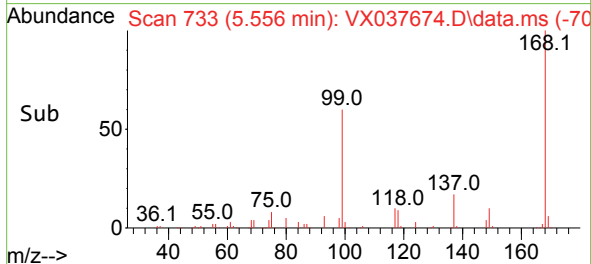
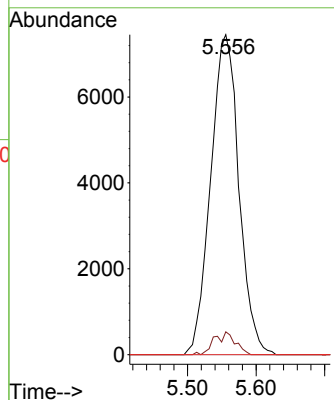


#38
Carbon Tetrachloride
Concen: 6.275 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :

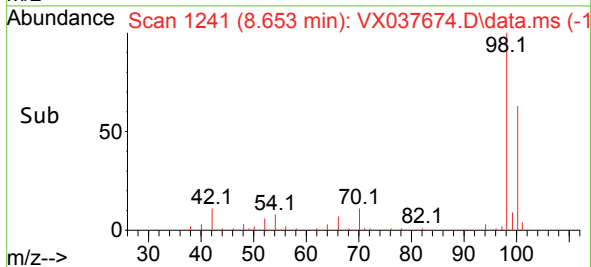
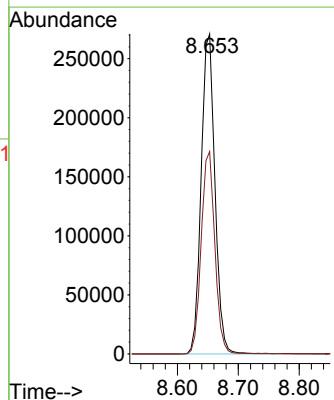
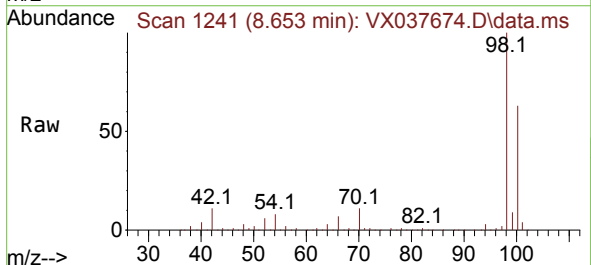


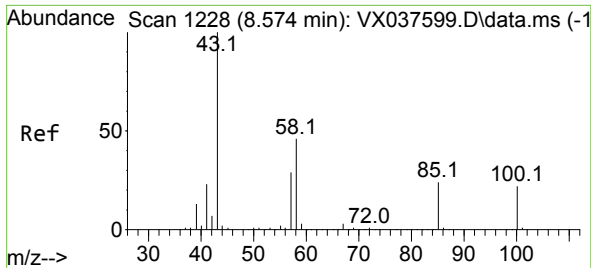
Tgt Ion:117 Resp: 21330
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.017 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Tgt Ion: 98 Resp: 424469
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

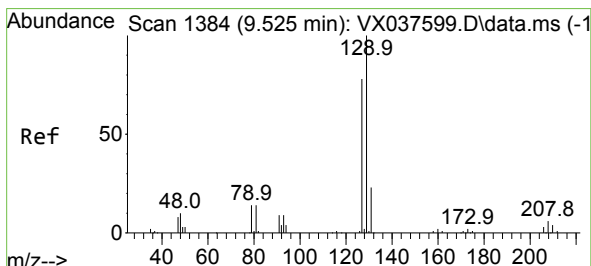
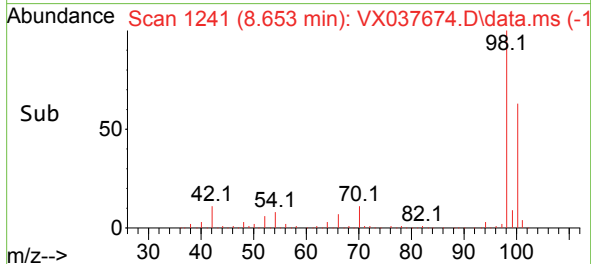
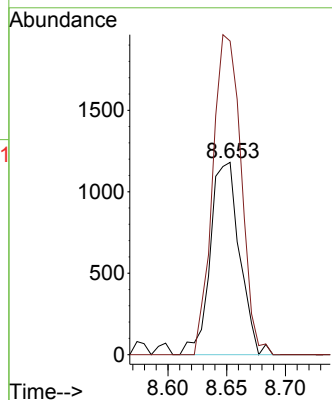
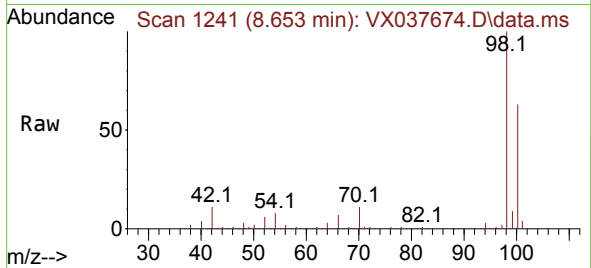




#51
 4-Methyl-2-Pentanone
 Concen: 0.515 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. 0.079 min
 Lab File: VX037674.D
 Acq: 12 Sep 2023 17:26

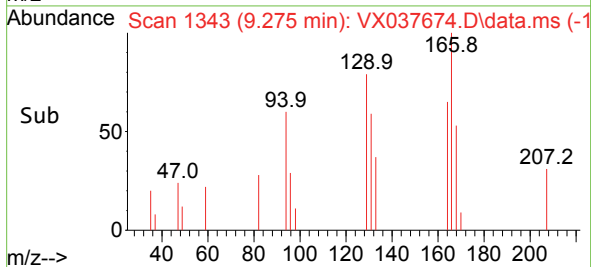
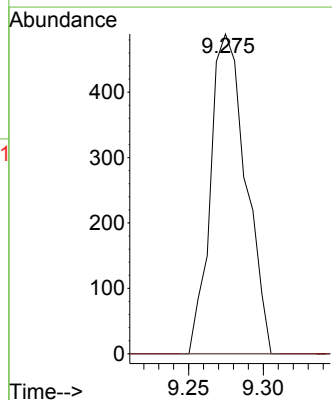
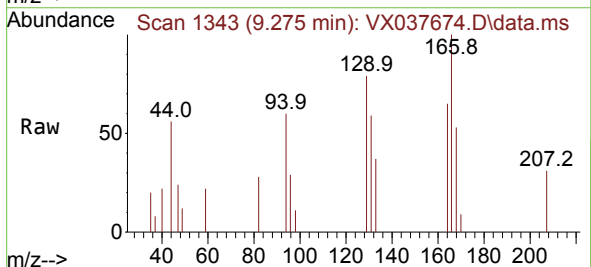
Instrument :
 MSVOA_X
 ClientSampleId :

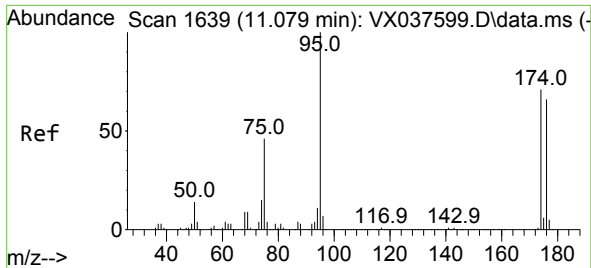
Tgt Ion: 43 Resp: 2055
 Ion Ratio Lower Upper
 43 100
 58 161.0 30.4 45.6#



#60
 Dibromochloromethane
 Concen: 0.300 ug/l
 RT: 9.275 min Scan# 1343
 Delta R.T. -0.250 min
 Lab File: VX037674.D
 Acq: 12 Sep 2023 17:26

Tgt Ion: 129 Resp: 804
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#

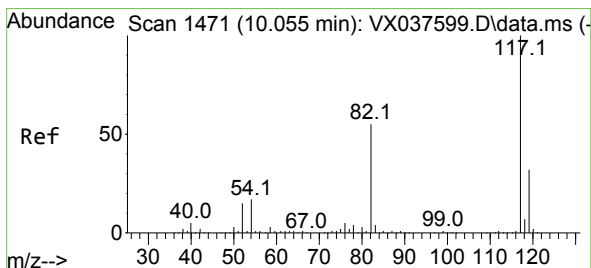
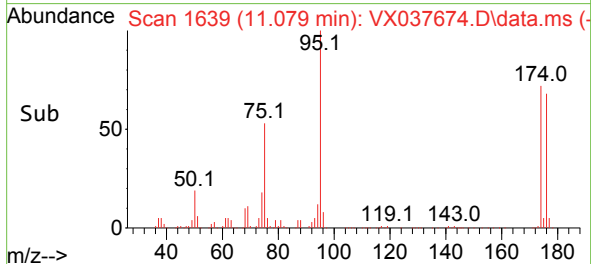
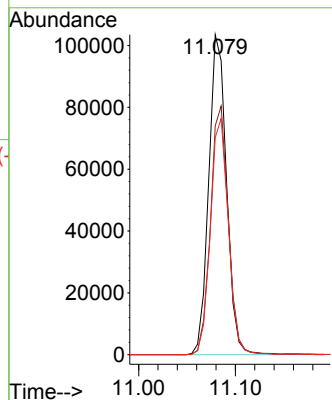
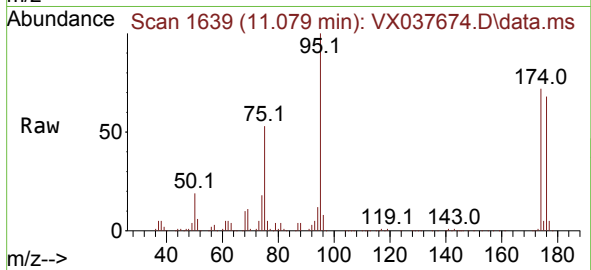




#62
4-Bromofluorobenzene
Concen: 39.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

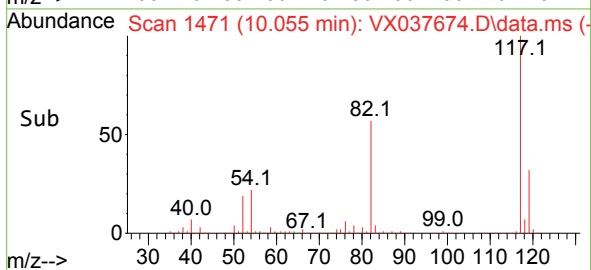
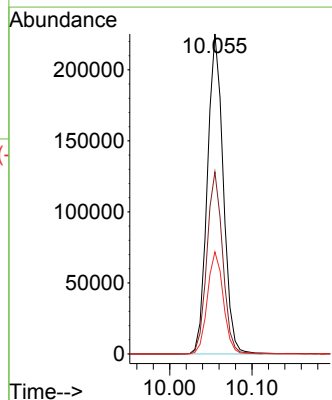
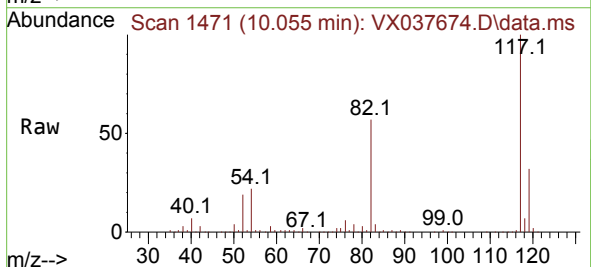
Instrument :
MSVOA_X
ClientSampleId :

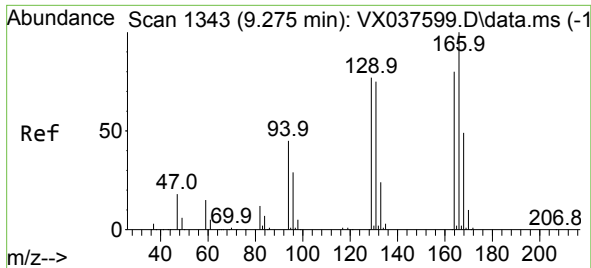
Tgt Ion: 95 Resp: 132324
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 74.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

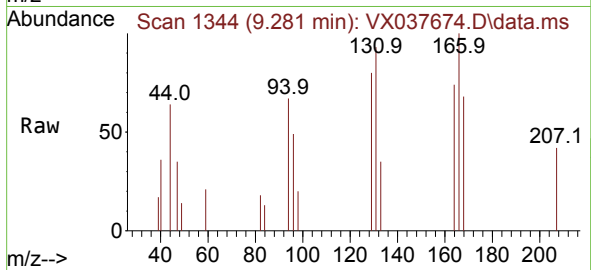
Tgt Ion: 117 Resp: 302695
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.9 25.5 38.3



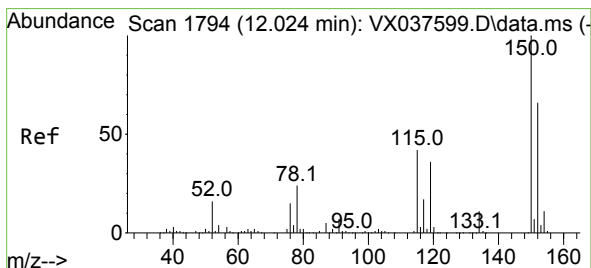
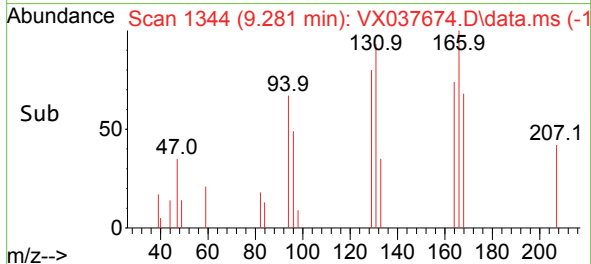
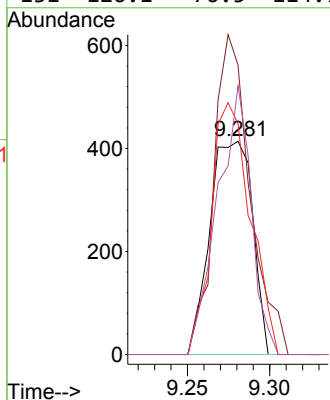


#64
Tetrachloroethene
Concen: 0.380 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :

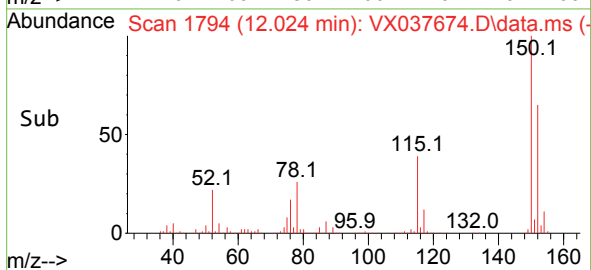
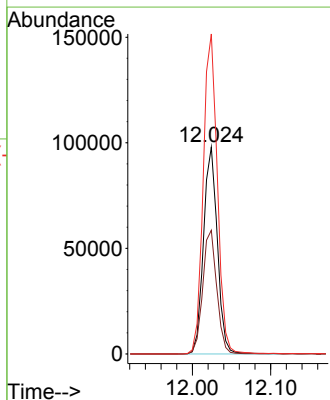
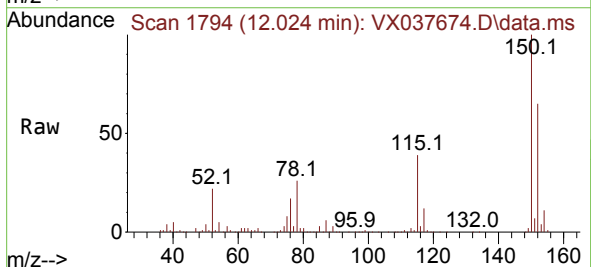


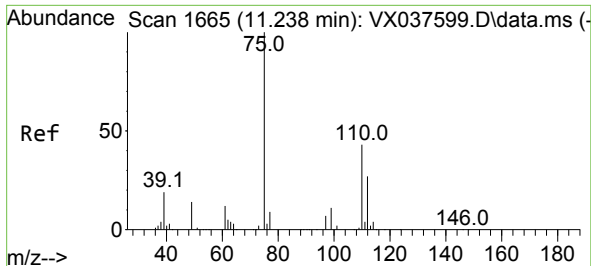
Tgt Ion:164 Resp: 745
Ion Ratio Lower Upper
164 100
166 135.7 102.7 154.1
129 108.2 80.4 120.6
131 126.1 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Tgt Ion:152 Resp: 120130
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 158.0 0.0 345.0

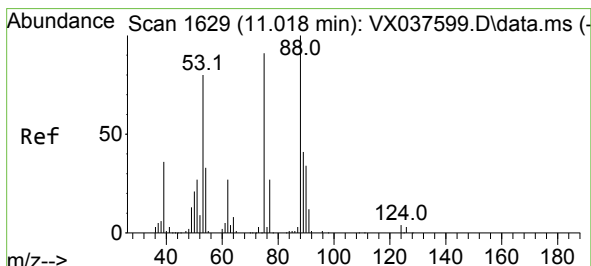
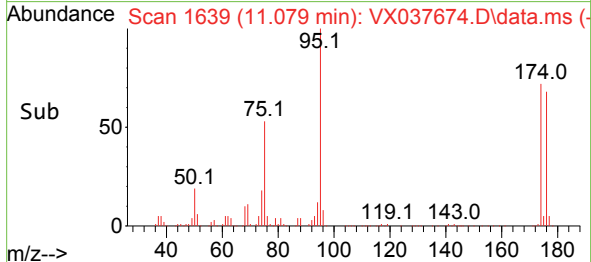
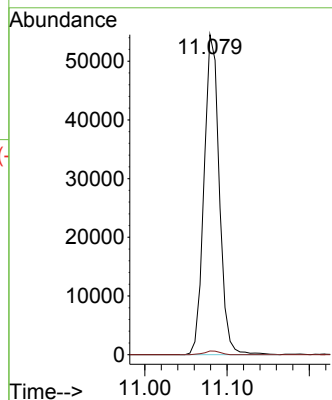
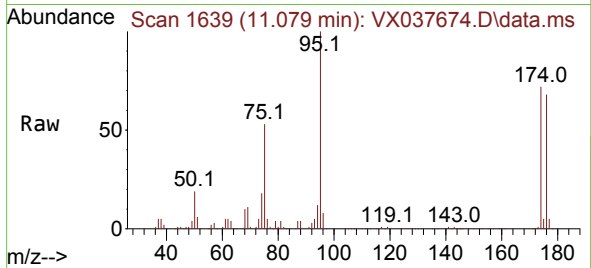




#76
1,2,3-Trichloropropane
Concen: 26.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 70162
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037674.D
Acq: 12 Sep 2023 17:26

Tgt Ion: 75 Resp: 70162
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

