

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035092.D
 Acq On : 14 Apr 2023 18:40
 Operator : JC/MD
 Sample : 02353-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1260

Quant Time: Apr 17 08:58:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

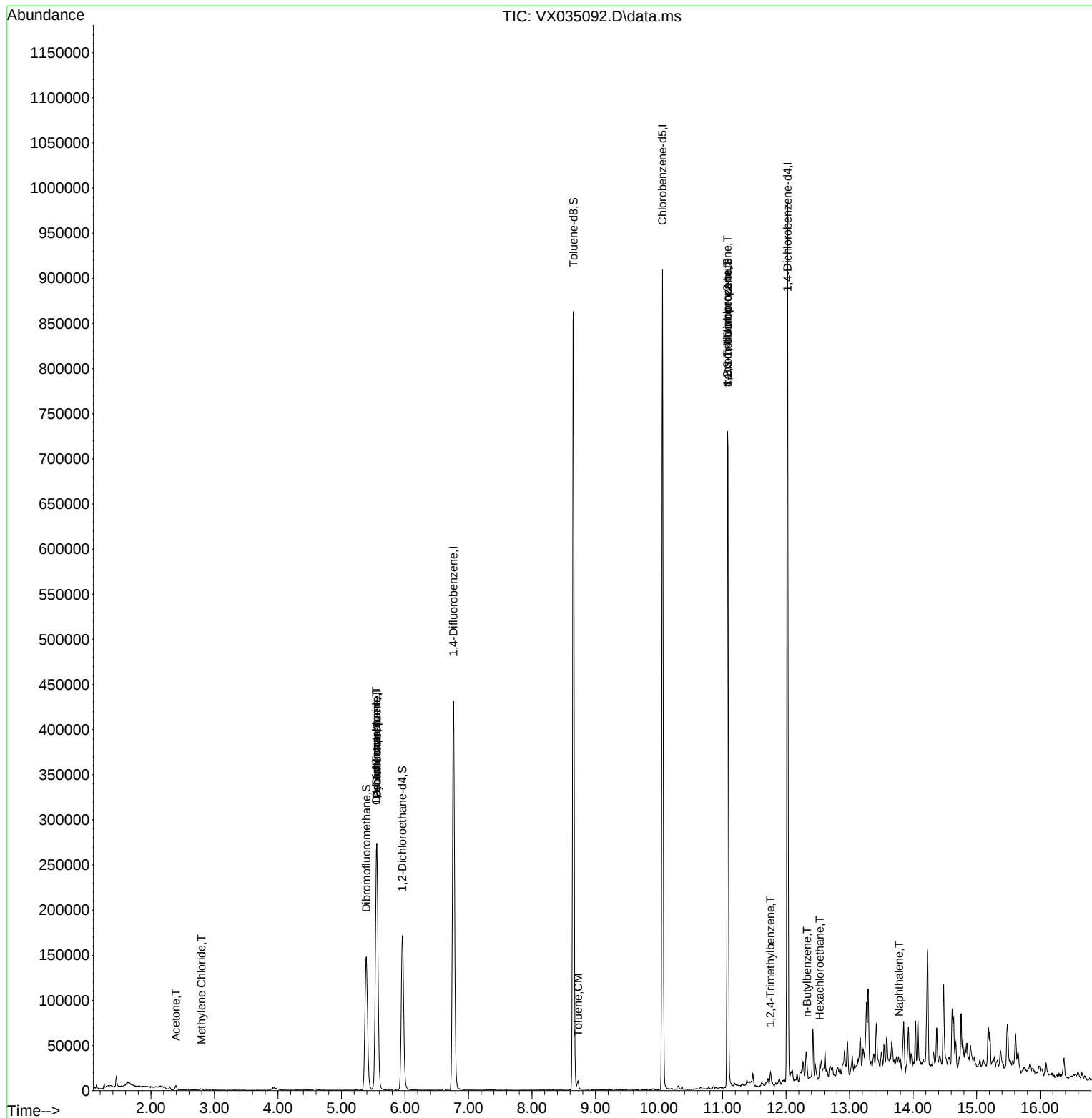
Internal Standards						
1) Pentafluorobenzene	5.556	168	261677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168608	42.131	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.260%		
35) Dibromofluoromethane	5.391	113	131612	45.691	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.380%		
50) Toluene-d8	8.653	98	524199	49.304	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.600%		
62) 4-Bromofluorobenzene	11.079	95	209835	51.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.000%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	5804	3.570	ug/l	92
20) Methylene Chloride	2.794	84	769	0.240	ug/l #	82
31) Cyclohexane	5.556	56	5635	1.156	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20566	4.819	ug/l #	50
38) Carbon Tetrachloride	5.550	117	26476	6.580	ug/l #	15
52) Toluene	8.726	92	3732	0.467	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	105666	25.646	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	105666	76.859	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	5994	0.471	ug/l	99
89) n-Butylbenzene	12.329	91	4961	0.476	ug/l #	49
90) Hexachloroethane	12.530	117	963	0.521	ug/l #	15
95) Naphthalene	13.780	128	4487	0.330	ug/l #	86

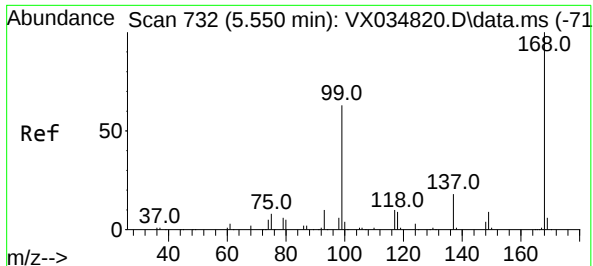
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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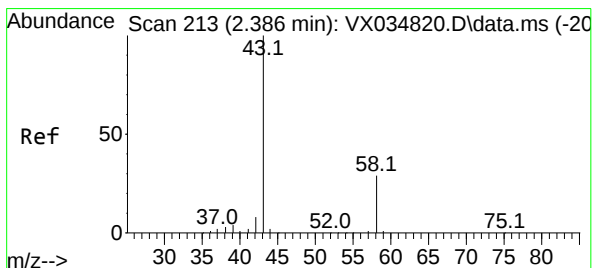
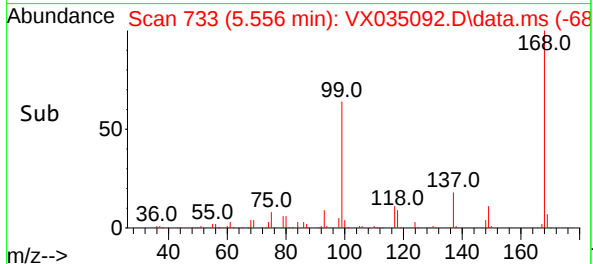
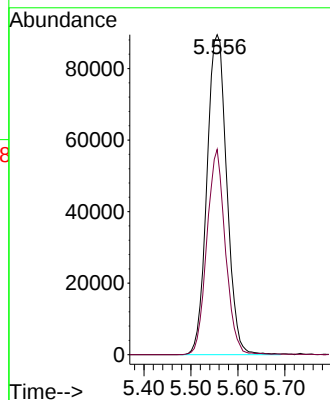
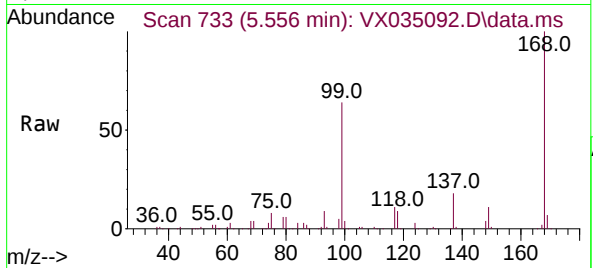




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

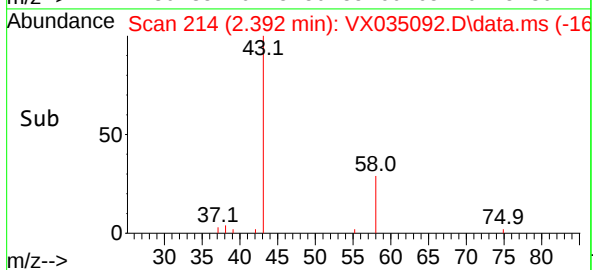
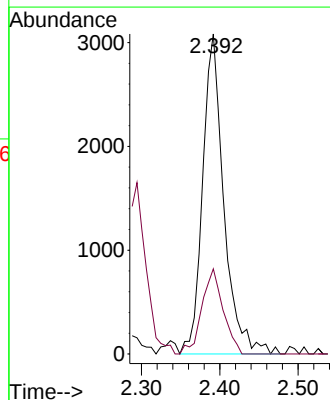
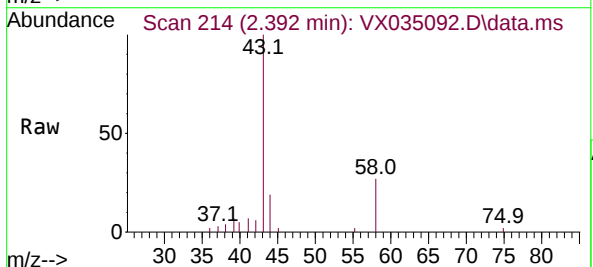
Instrument :
MSVOA_X
ClientSampleId :
BUR-1260

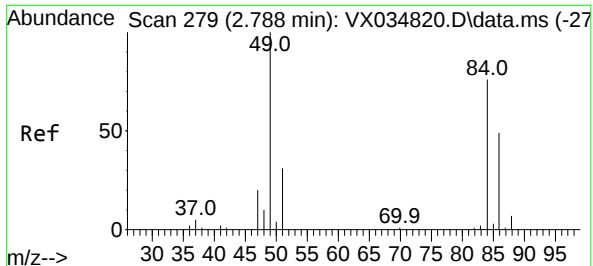
Tgt Ion:168 Resp: 261677
Ion Ratio Lower Upper
168 100
99 64.1 45.7 68.5



#16
Acetone
Concen: 3.570 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

Tgt Ion: 43 Resp: 5804
Ion Ratio Lower Upper
43 100
58 26.6 24.7 37.1





#20

Methylene Chloride

Concen: 0.240 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

BUR-1260

Tgt Ion: 84 Resp: 769

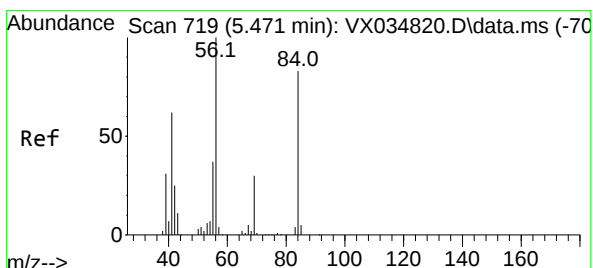
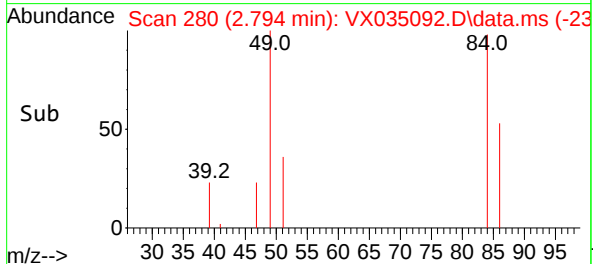
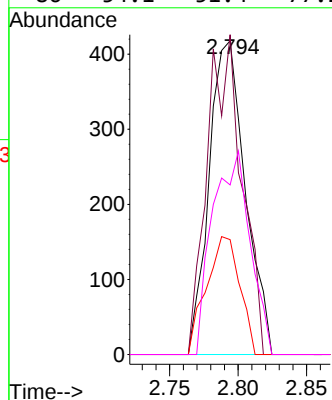
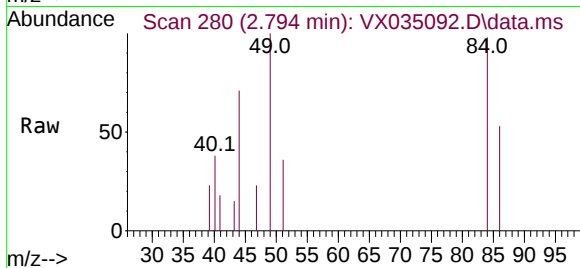
Ion Ratio Lower Upper

84 100

49 101.9 103.8 155.8#

51 36.6 31.8 47.8

86 54.1 51.4 77.2



#31

Cyclohexane

Concen: 1.156 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

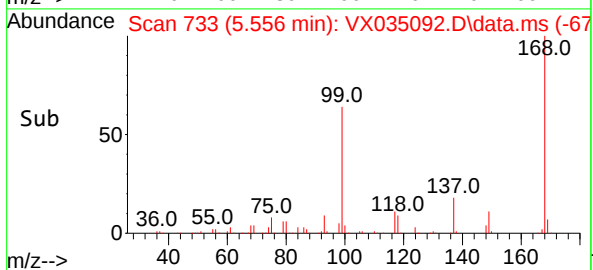
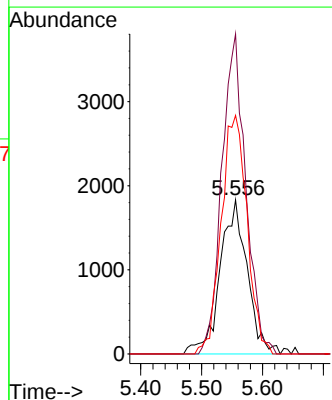
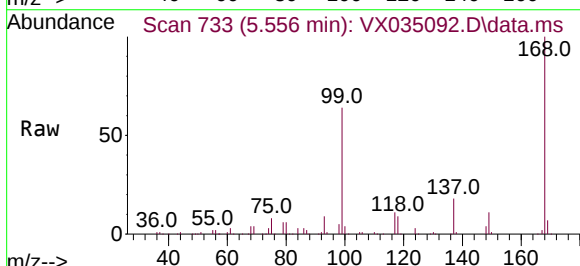
Tgt Ion: 56 Resp: 5635

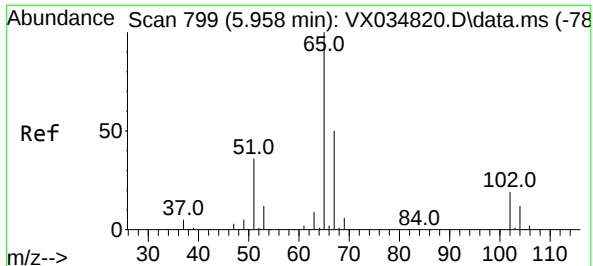
Ion Ratio Lower Upper

56 100

69 207.6 23.7 35.5#

84 154.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 42.131 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

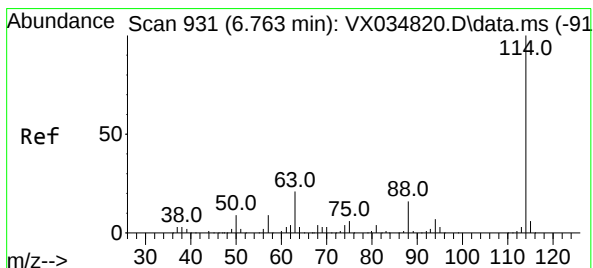
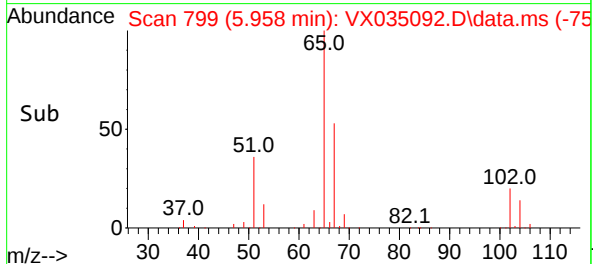
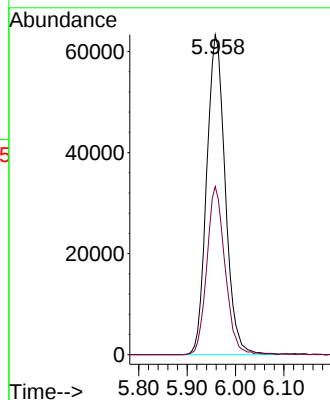
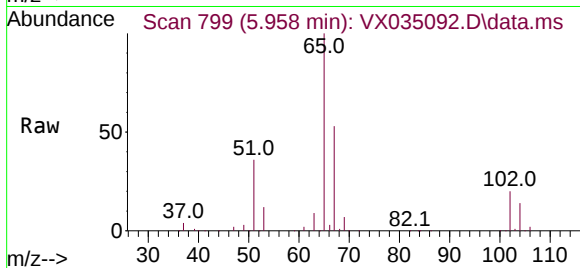
BUR-1260

Tgt Ion: 65 Resp: 168608

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

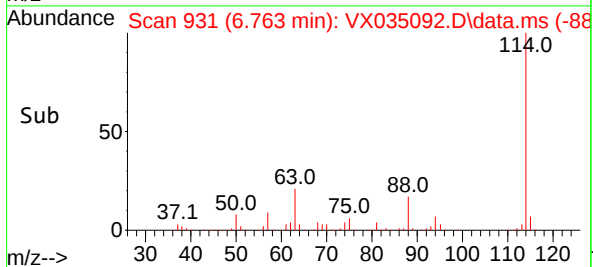
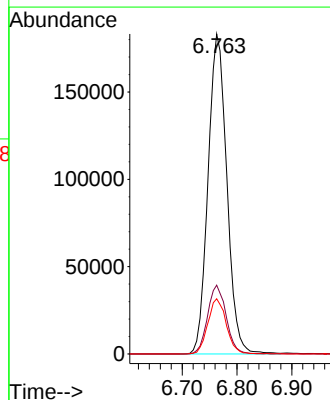
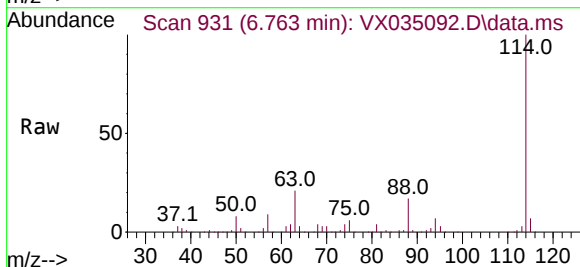
Tgt Ion: 114 Resp: 435500

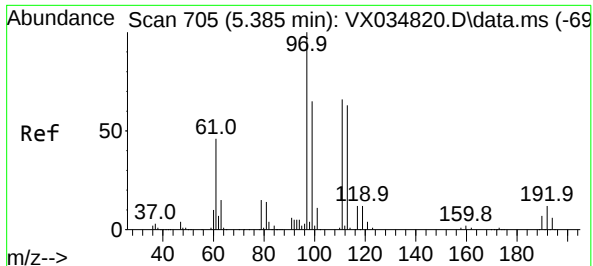
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.691 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

BUR-1260

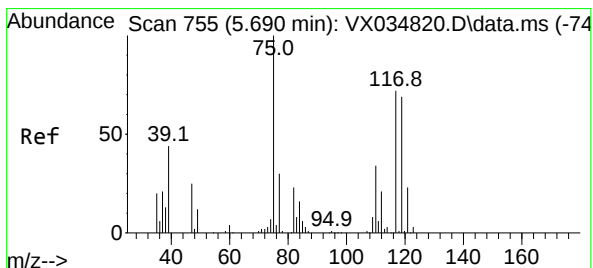
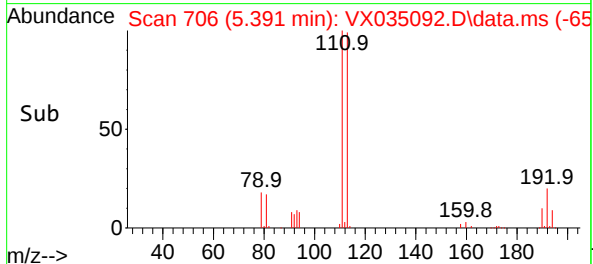
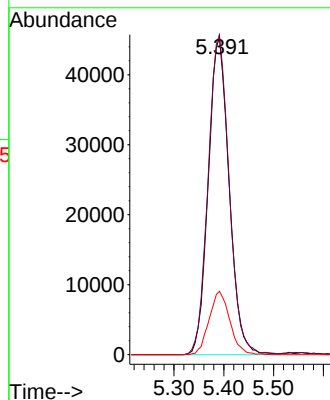
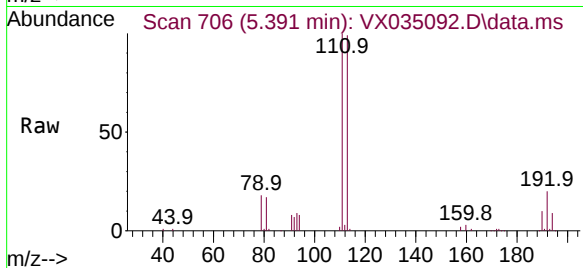
Tgt Ion:113 Resp: 131612

Ion Ratio Lower Upper

113 100

111 102.1 83.7 125.5

192 19.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.819 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

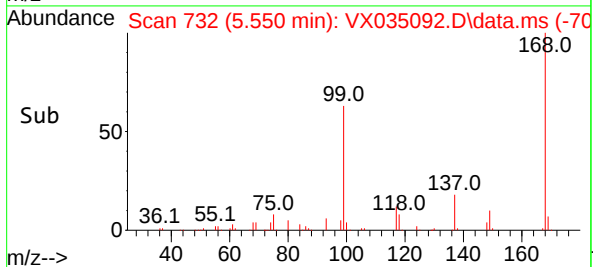
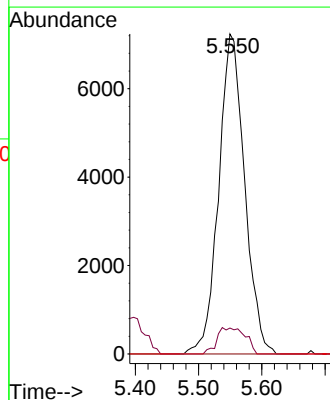
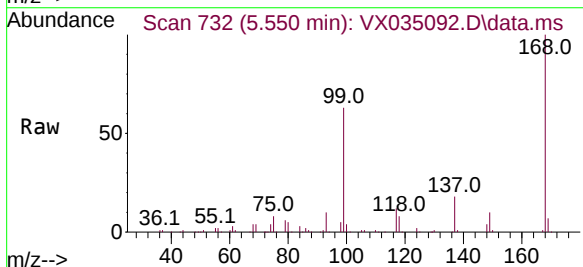
Tgt Ion: 75 Resp: 20566

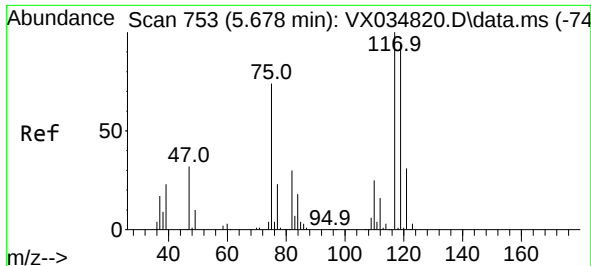
Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.5#

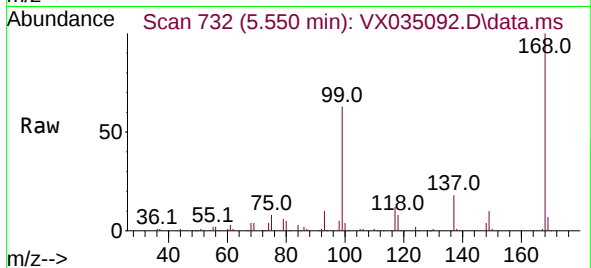
77 0.0 24.3 36.5#



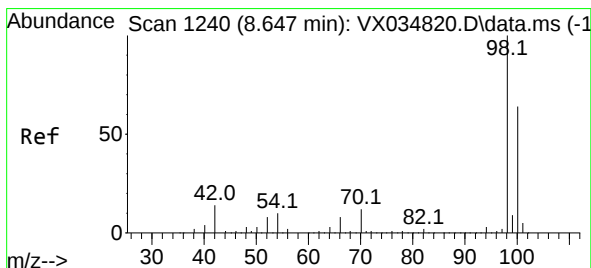
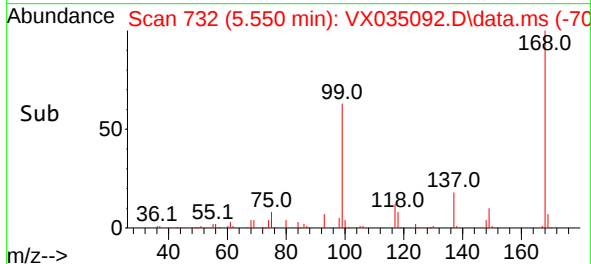
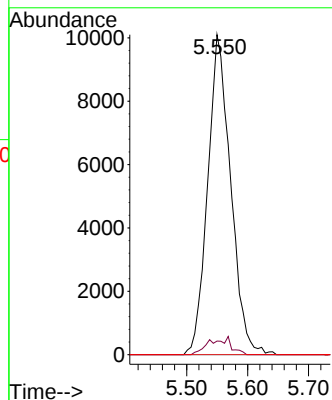


#38
Carbon Tetrachloride
Concen: 6.580 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

Instrument :
MSVOA_X
ClientSampleId :
BUR-1260

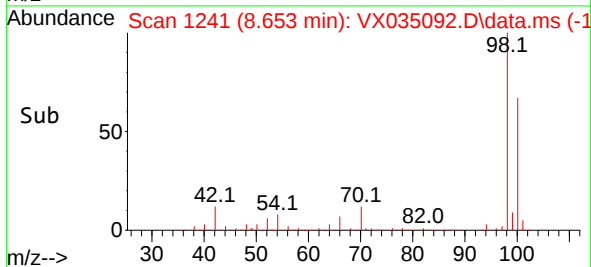
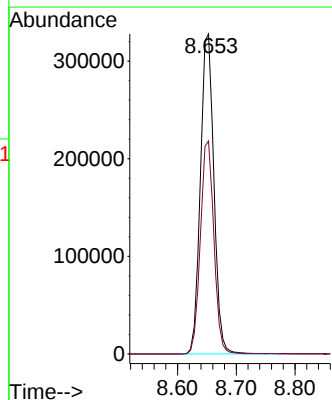
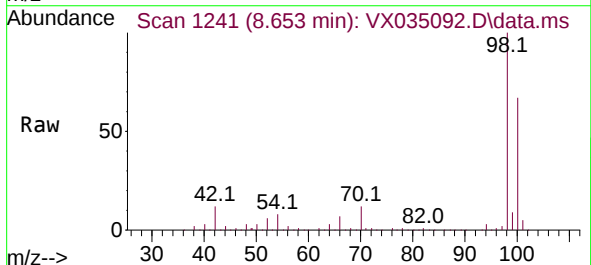


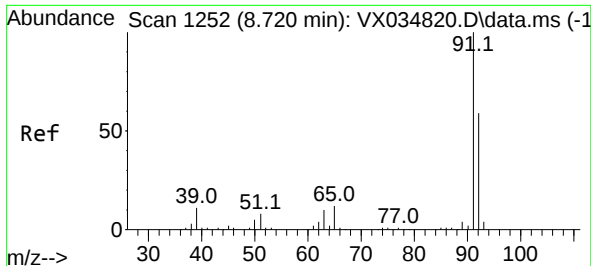
Tgt Ion:117 Resp: 26476
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.304 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

Tgt Ion: 98 Resp: 524199
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





#52

Toluene

Concen: 0.467 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

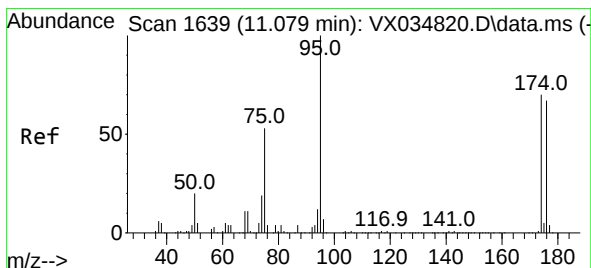
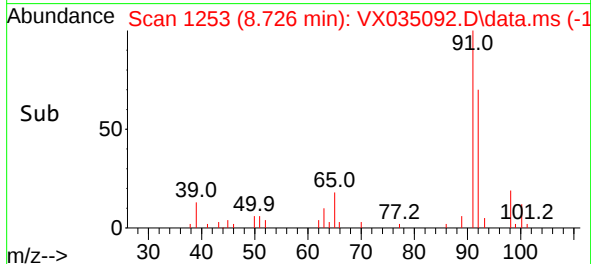
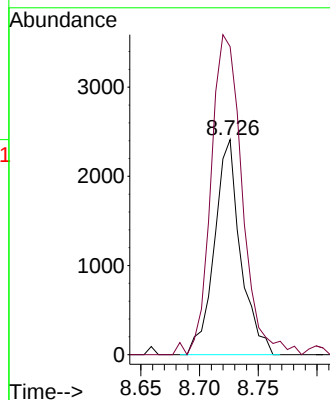
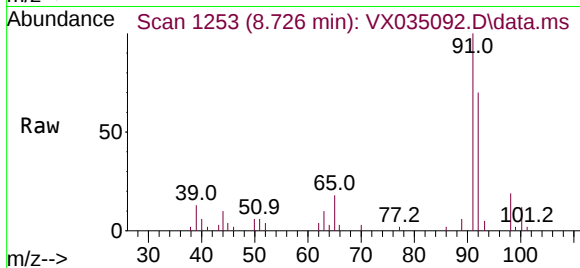
BUR-1260

Tgt Ion: 92 Resp: 3732

Ion Ratio Lower Upper

92 100

91 177.9 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 51.001 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

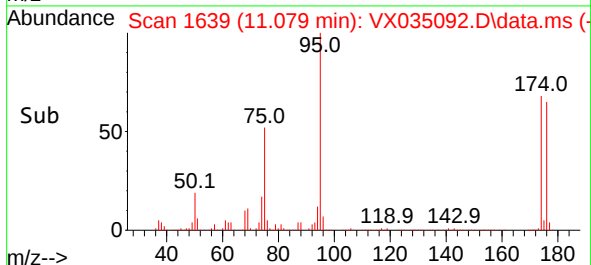
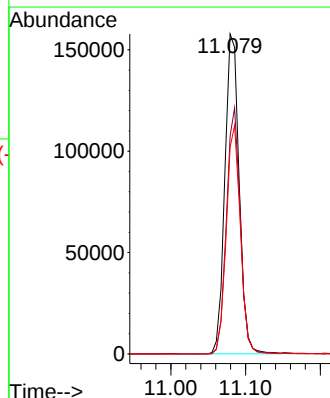
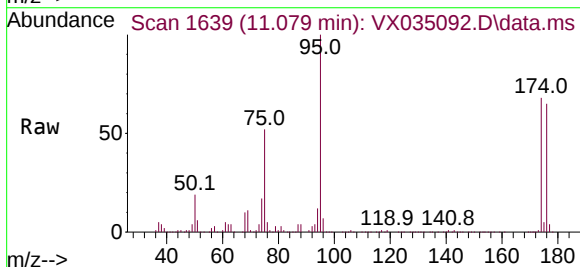
Tgt Ion: 95 Resp: 209835

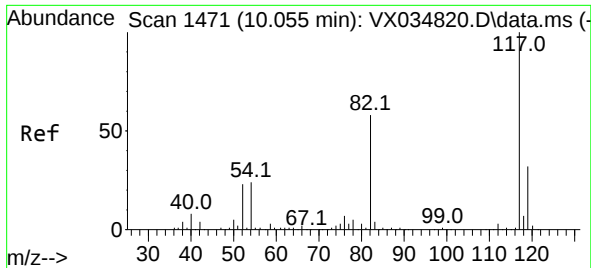
Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.4

176 70.1 0.0 140.6

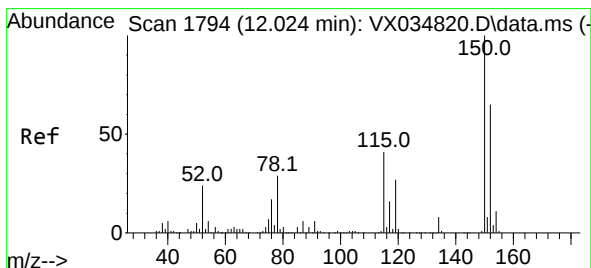
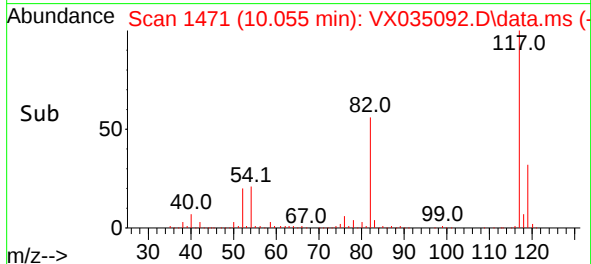
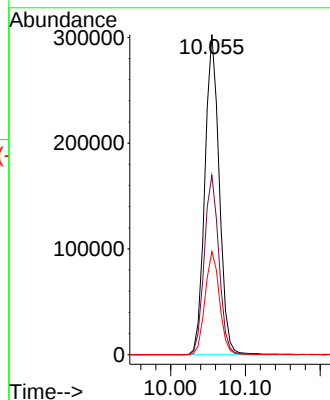
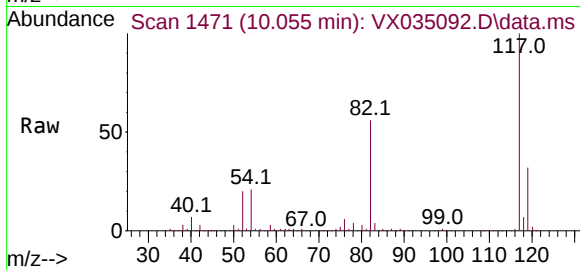




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

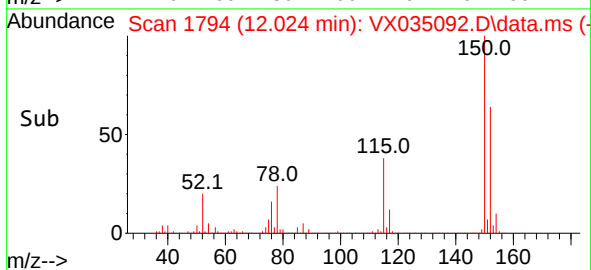
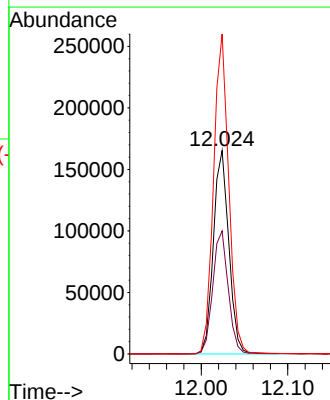
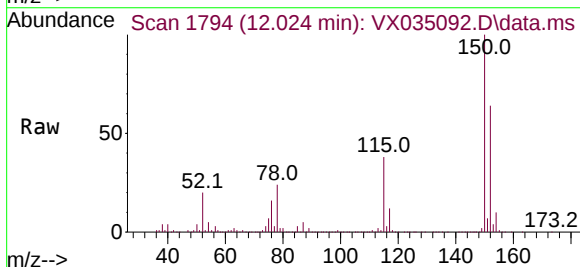
Instrument :
MSVOA_X
ClientSampleId :
BUR-1260

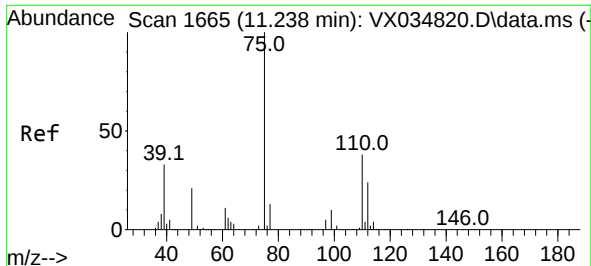
Tgt Ion:117 Resp: 404099
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

Tgt Ion:152 Resp: 204484
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 155.0 0.0 352.4

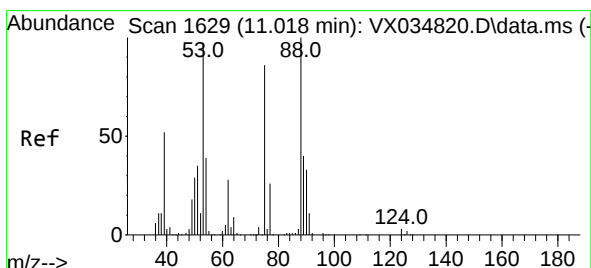
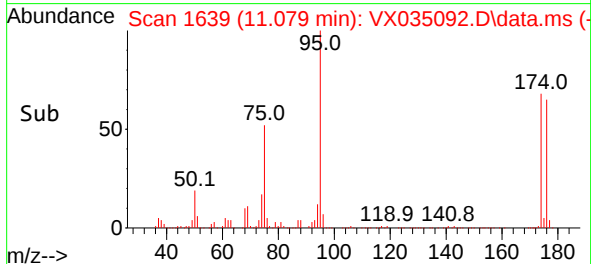
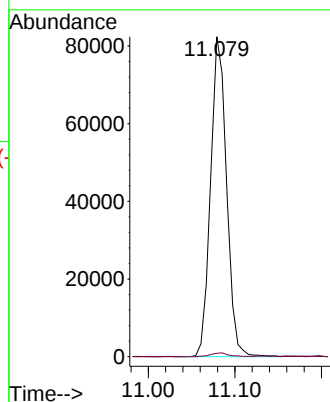
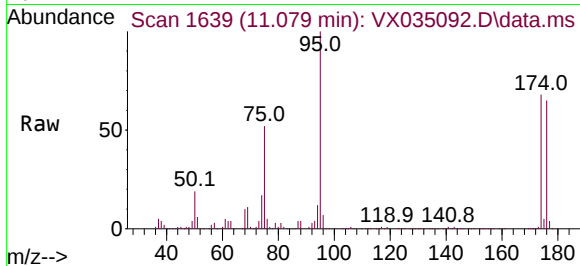




#76
1,2,3-Trichloropropane
Concen: 25.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

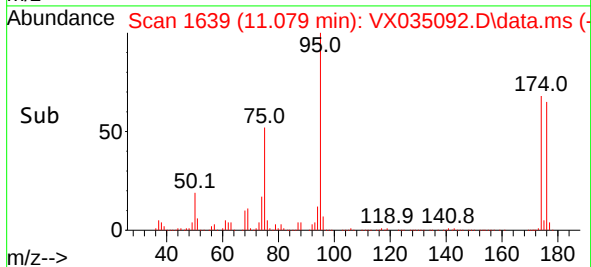
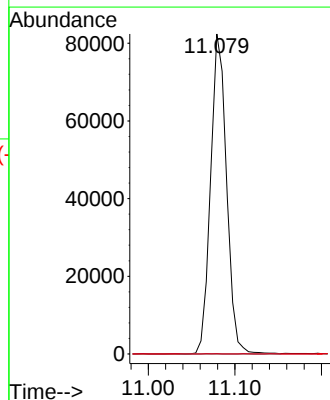
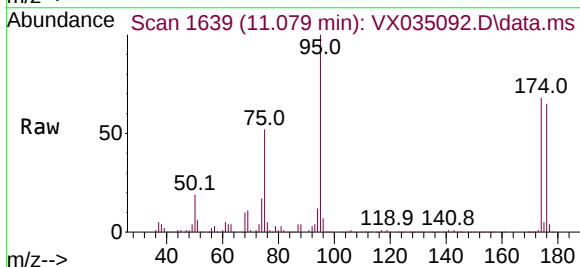
Instrument :
MSVOA_X
ClientSampleId :
BUR-1260

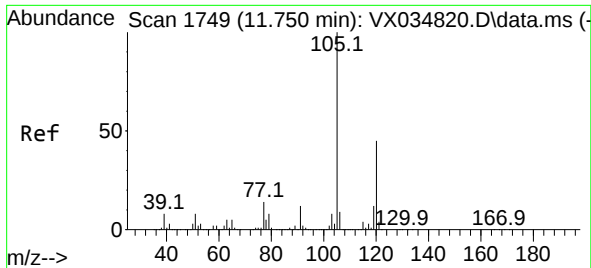
Tgt Ion: 75 Resp: 105666
Ion Ratio Lower Upper
75 100
77 1.4 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

Tgt Ion: 75 Resp: 105666
Ion Ratio Lower Upper
75 100
53 0.1 82.6 124.0#
89 0.0 36.9 55.3#

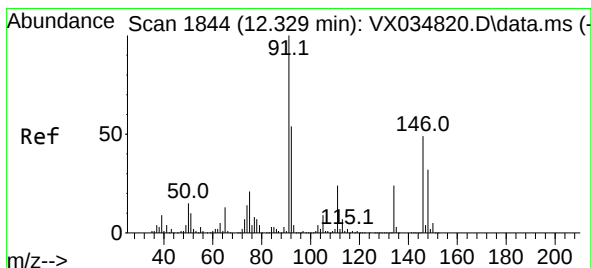
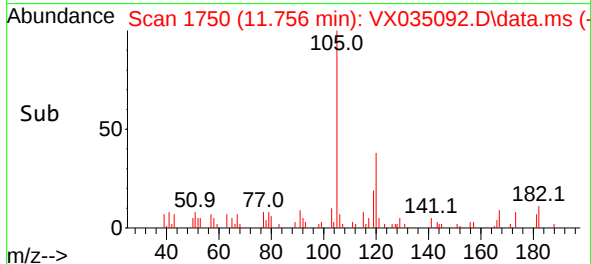
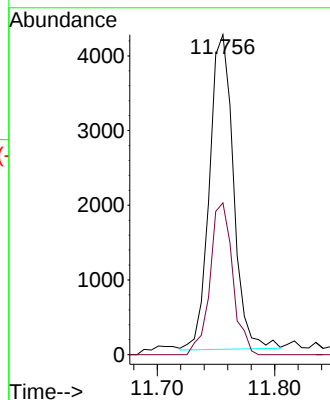
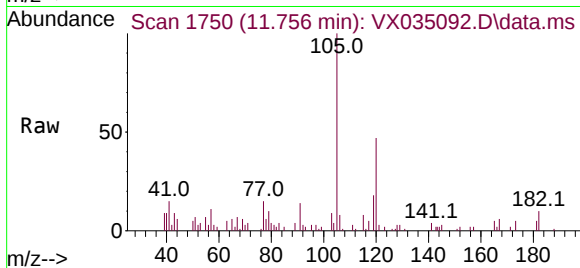




#84
1,2,4-Trimethylbenzene
Concen: 0.471 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

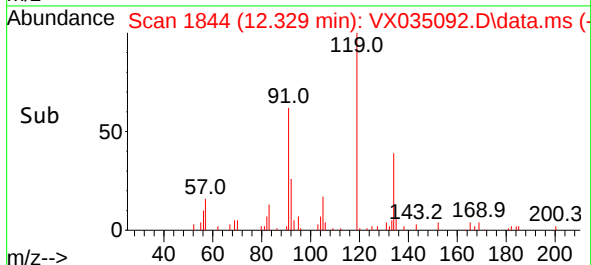
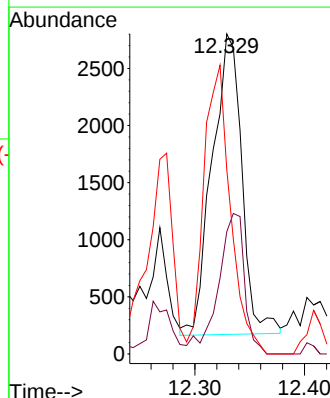
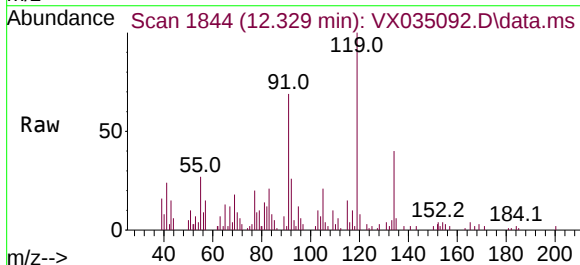
Instrument :
MSVOA_X
ClientSampleId :
BUR-1260

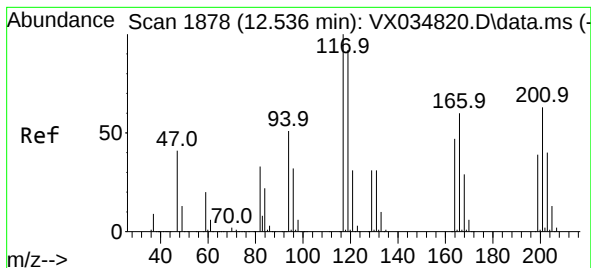
Tgt Ion:105 Resp: 5994
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0



#89
n-Butylbenzene
Concen: 0.476 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035092.D
Acq: 14 Apr 2023 18:40

Tgt Ion: 91 Resp: 4961
Ion Ratio Lower Upper
91 100
92 41.0 27.7 83.0
134 85.8 13.0 38.9#





#90

Hexachloroethane

Concen: 0.521 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

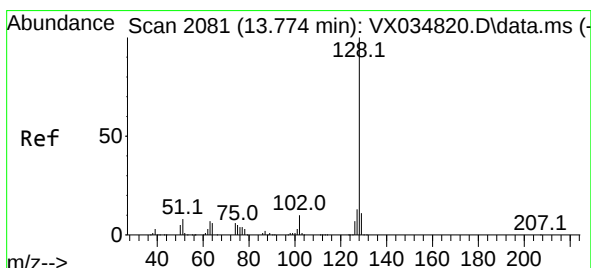
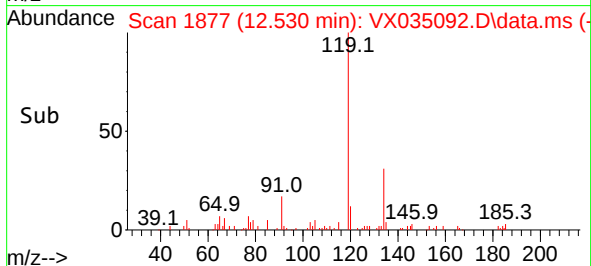
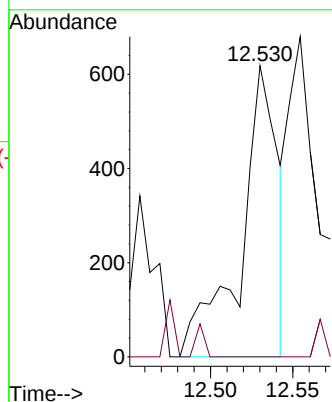
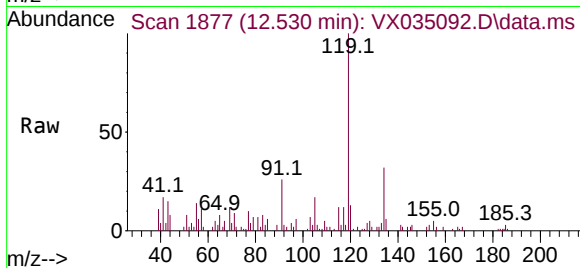
BUR-1260

Tgt Ion:117 Resp: 963

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#95

Naphthalene

Concen: 0.330 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035092.D

Acq: 14 Apr 2023 18:40

Tgt Ion:128 Resp: 4487

Ion Ratio Lower Upper

128 100

127 21.1 10.2 15.4#

129 12.9 8.6 13.0

