

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045477.D
 Acq On : 29 Oct 2021 20:22
 Operator : SY/MD
 Sample : M4341-01ME
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WASTEME

Quant Time: Oct 30 04:11:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

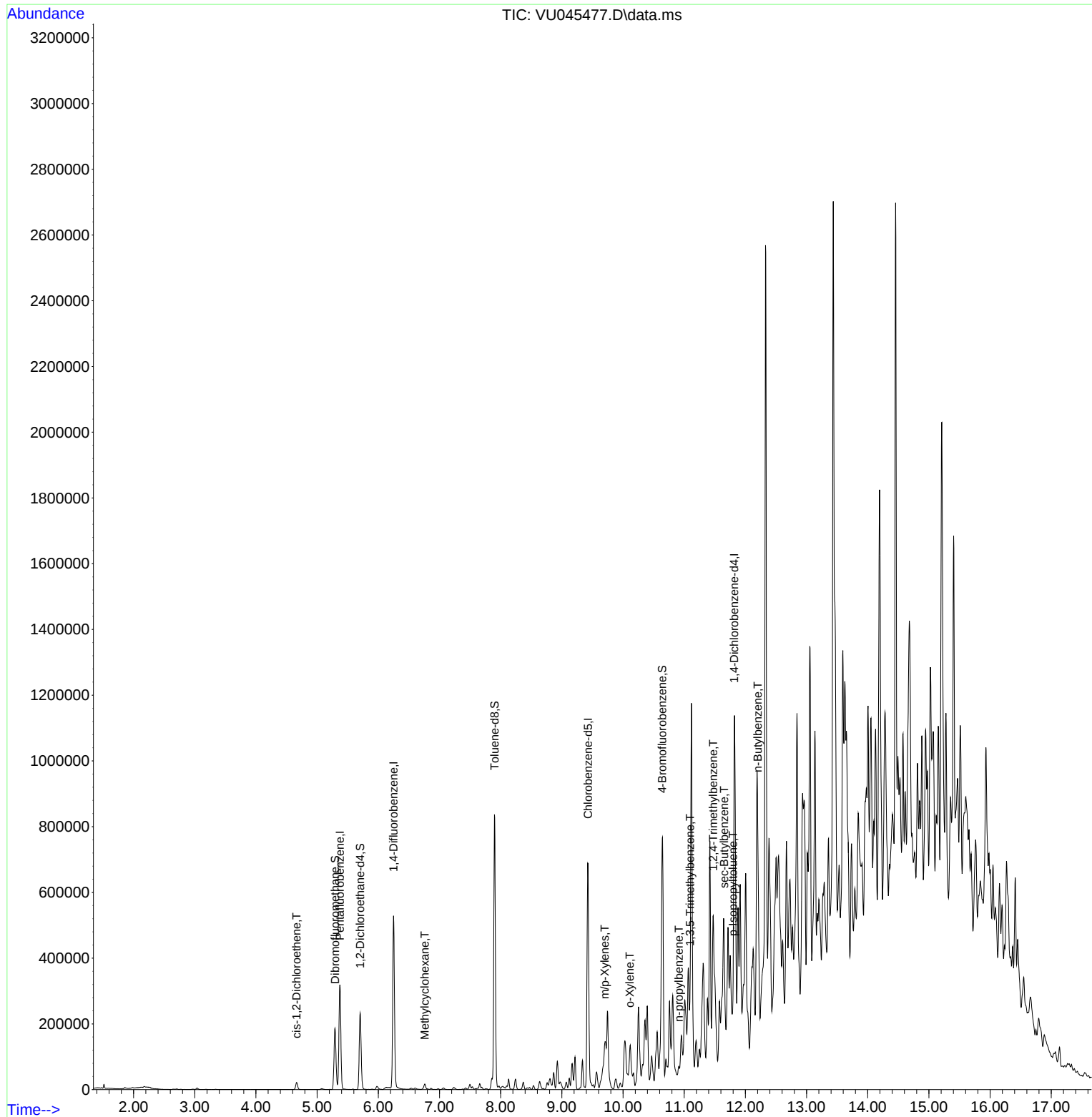
Internal Standards						
1) Pentafluorobenzene	5.372	168	220730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	439802	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	432567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	204821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184964	51.471	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.940%			
35) Dibromofluoromethane	5.292	113	131751	47.113	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.220%			
50) Toluene-d8	7.899	98	568398	51.833	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.660%			
62) 4-Bromofluorobenzene	10.642	95	222206	53.176	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.360%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.662	96	11309	3.616	ug/l	92
39) Methylcyclohexane	6.761	83	7220	1.387	ug/l	99
68) m/p-Xylenes	9.700	106	28253	4.982	ug/l	98
69) o-Xylene	10.108	106	18015	3.258	ug/l	95
78) n-propylbenzene	10.912	91	20073	1.199	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	58573	5.040	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	146504	12.582	ug/l	100
85) sec-Butylbenzene	11.652	105	23658	1.607	ug/l	98
86) p-Isopropyltoluene	11.799	119	22975	1.943	ug/l	98
89) n-Butylbenzene	12.201	91	56268	5.264	ug/l #	30

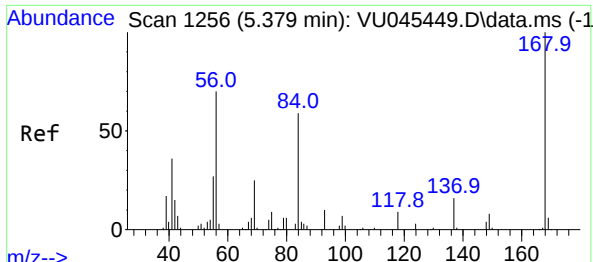
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
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Quant Time: Oct 30 04:11:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.007 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

ClientSampleId :

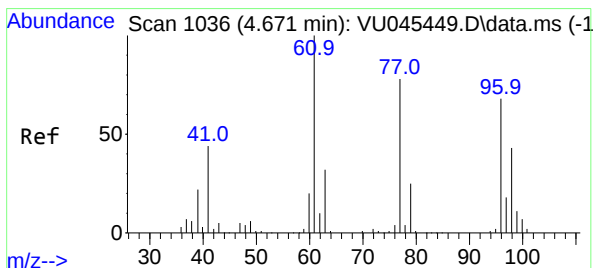
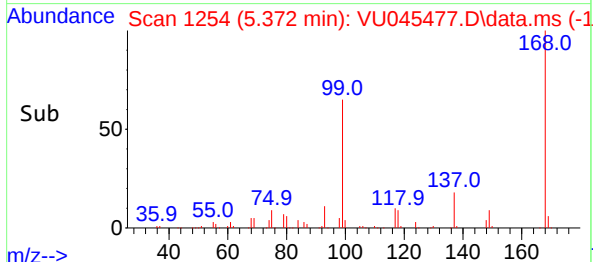
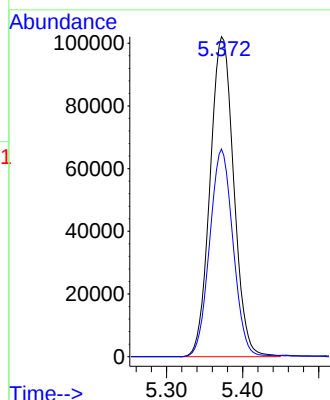
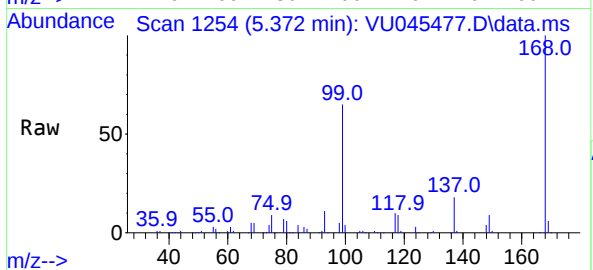
WASTEME

Tgt Ion:168 Resp: 220730

Ion Ratio Lower Upper

168 100

99 64.9 51.0 76.6



cis-1,2-Dichloroethene

Concen: 3.616 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.010 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

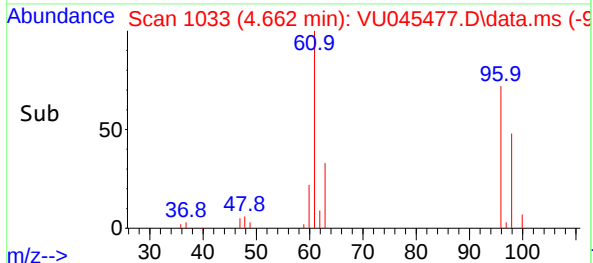
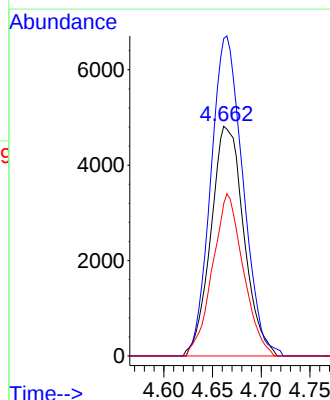
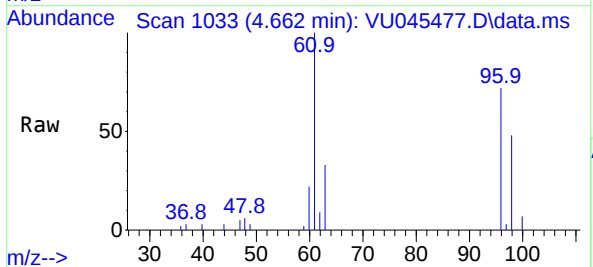
Tgt Ion: 96 Resp: 11309

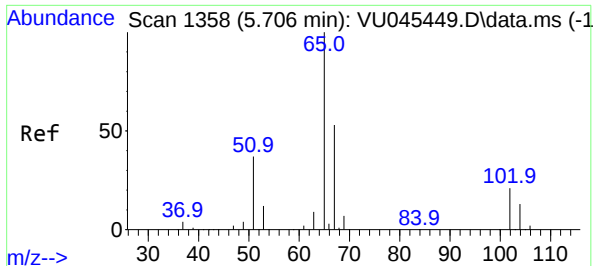
Ion Ratio Lower Upper

96 100

61 136.0 0.0 299.2

98 66.2 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 51.471 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

ClientSampleId :

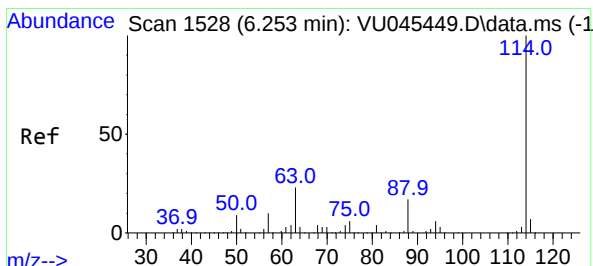
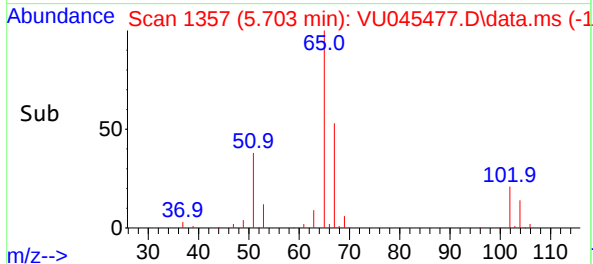
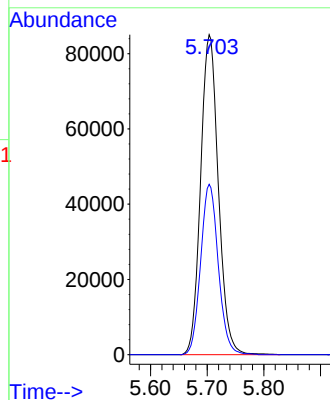
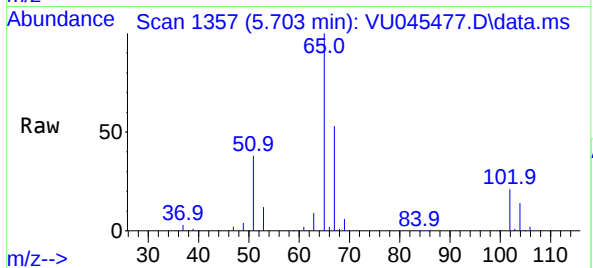
WASTEME

Tgt Ion: 65 Resp: 184964

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

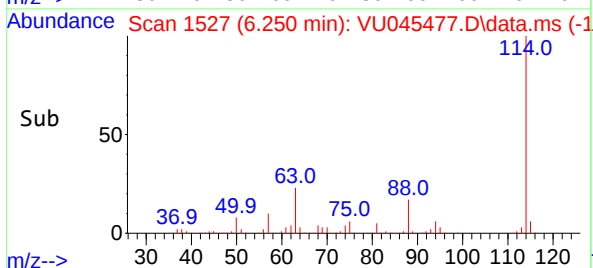
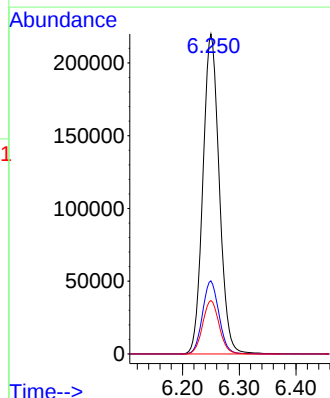
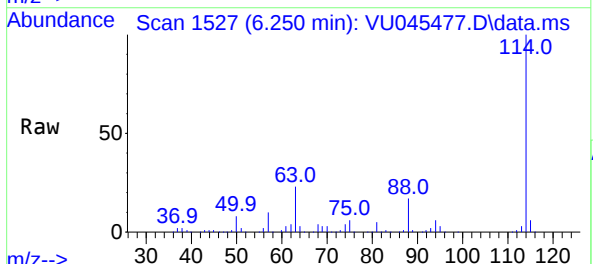
Tgt Ion: 114 Resp: 439802

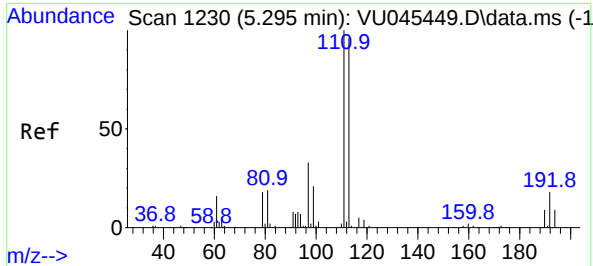
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.7 0.0 33.8

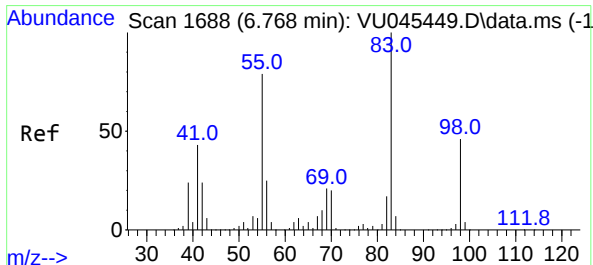
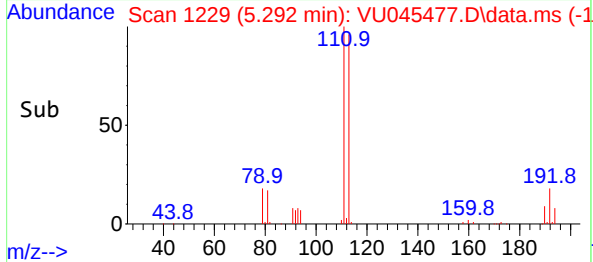
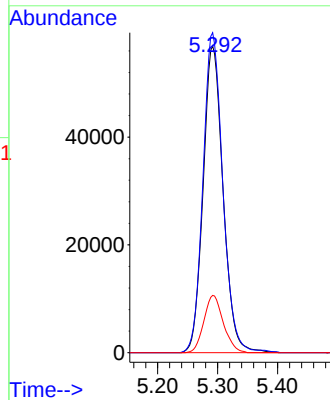
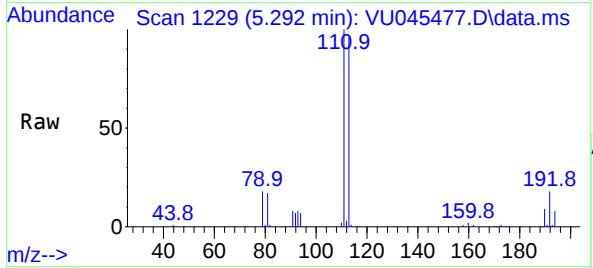




#35
Dibromofluoromethane
Concen: 47.113 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

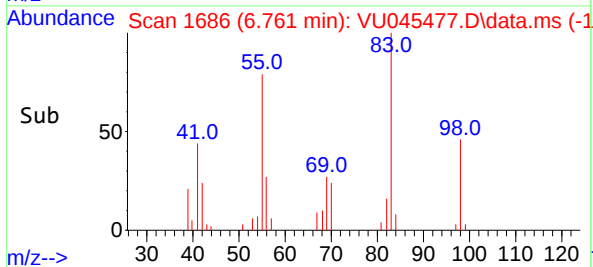
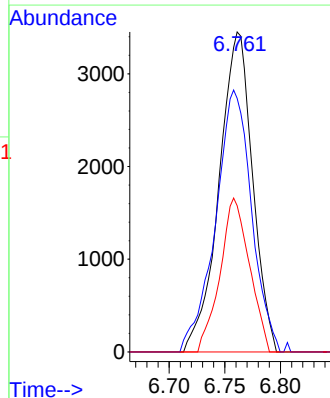
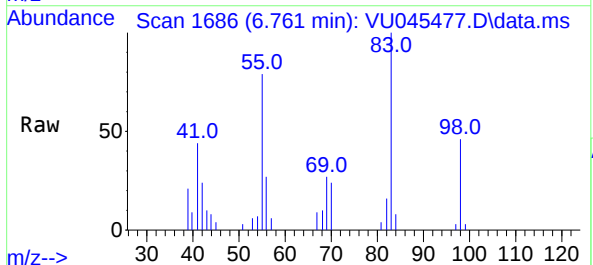
Instrument :
MSVOA_U
ClientSampleId :
WASTEME

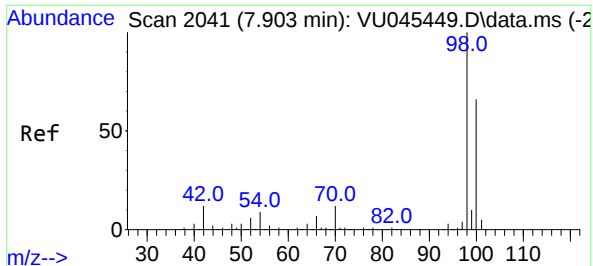
Tgt Ion:113 Resp: 131751
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 18.2 14.8 22.2



#39
Methylcyclohexane
Concen: 1.387 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 83 Resp: 7220
Ion Ratio Lower Upper
83 100
55 79.2 63.6 95.4
98 45.7 37.1 55.7





#50

Toluene-d8

Concen: 51.833 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

ClientSampleId :

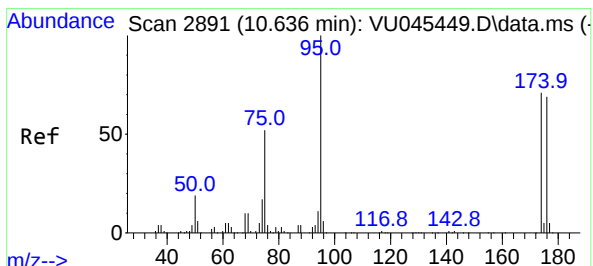
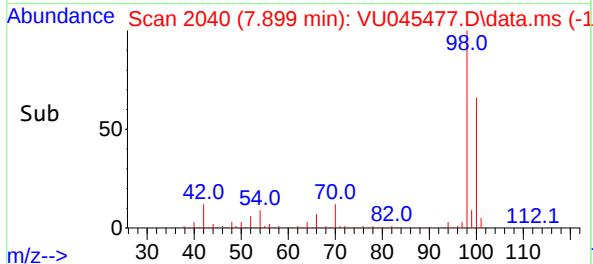
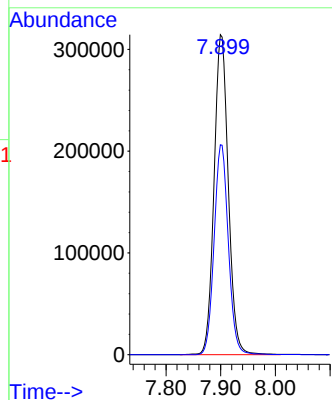
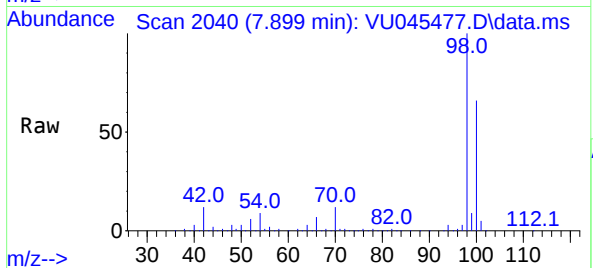
WASTEME

Tgt Ion: 98 Resp: 568398

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 53.176 ug/l

RT: 10.642 min Scan# 2893

Delta R.T. 0.006 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

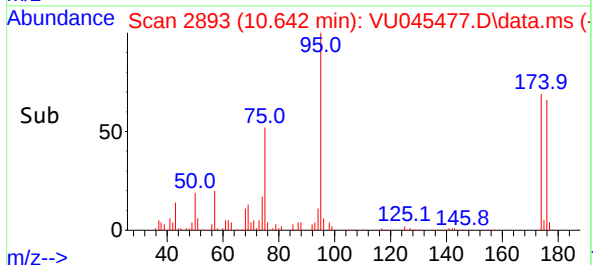
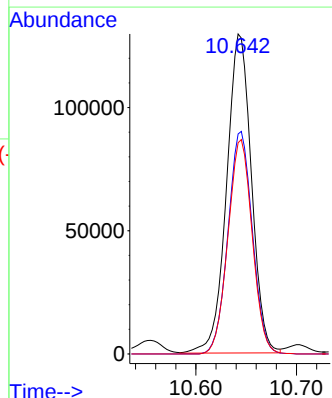
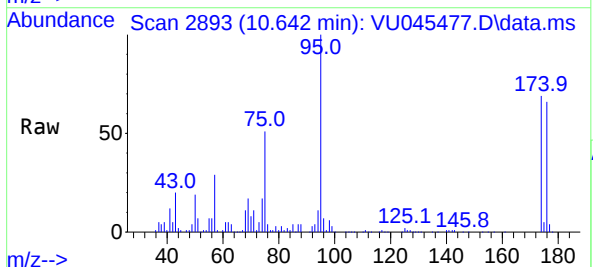
Tgt Ion: 95 Resp: 222206

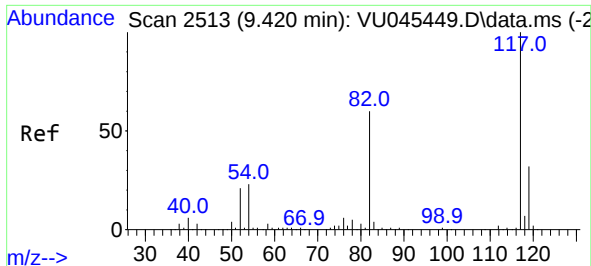
Ion Ratio Lower Upper

95 100

174 68.4 0.0 141.8

176 65.7 0.0 138.2

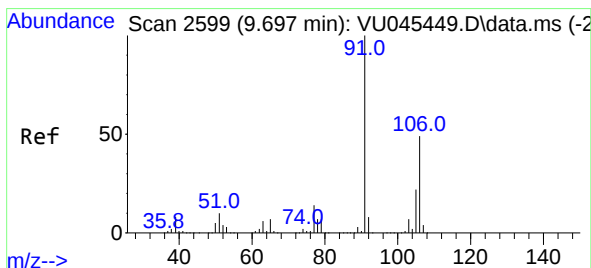
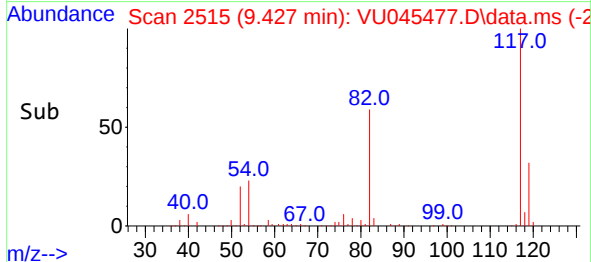
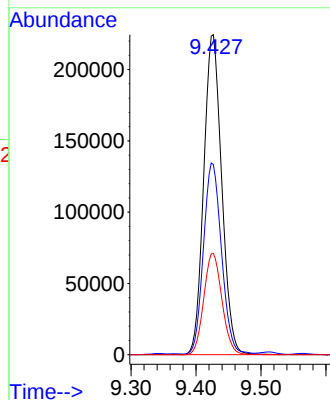
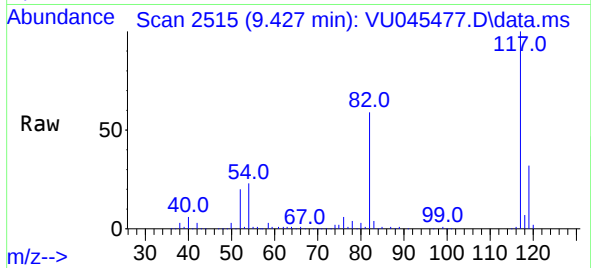




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

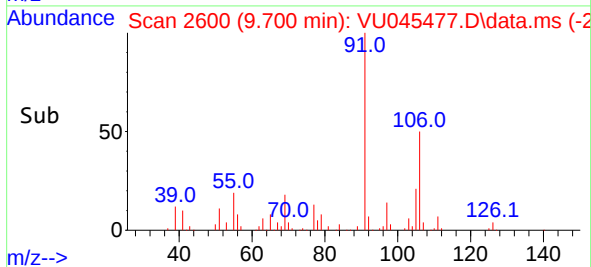
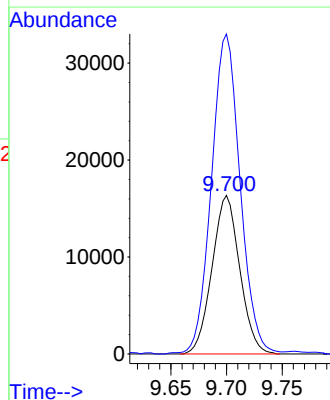
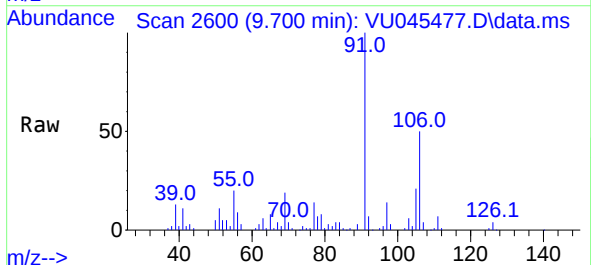
Instrument :
MSVOA_U
ClientSampleId :
WASTEME

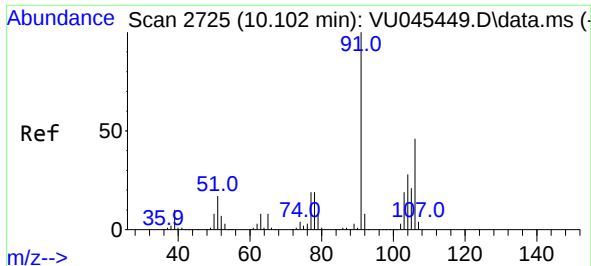
Tgt Ion:117 Resp: 432567
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 31.7 25.8 38.8



#68
m/p-Xylenes
Concen: 4.982 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion:106 Resp: 28253
Ion Ratio Lower Upper
106 100
91 209.2 164.7 247.1





#69

o-Xylene

Concen: 3.258 ug/l

RT: 10.108 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

ClientSampleId :

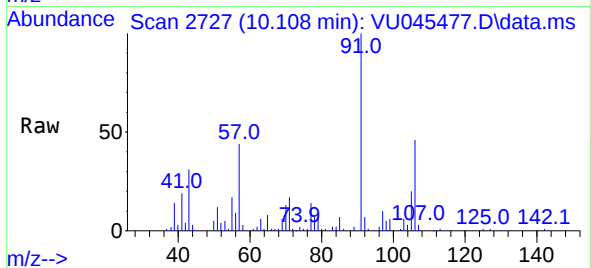
WASTEME

Tgt Ion:106 Resp: 18015

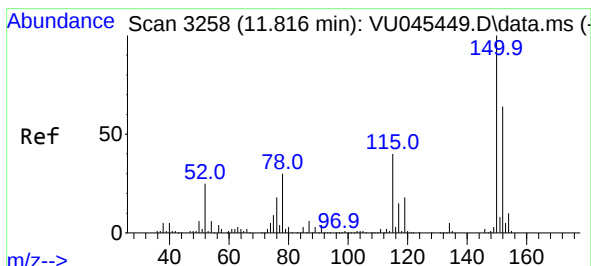
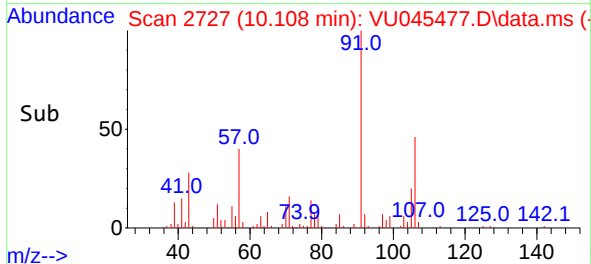
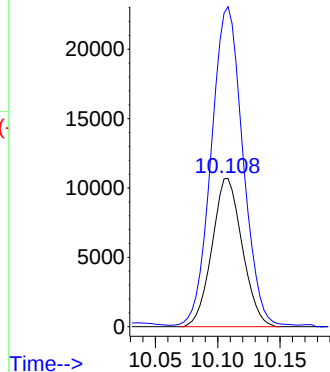
Ion Ratio Lower Upper

106 100

91 225.0 108.7 326.3



Abundance



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.819 min Scan# 3259

Delta R.T. 0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

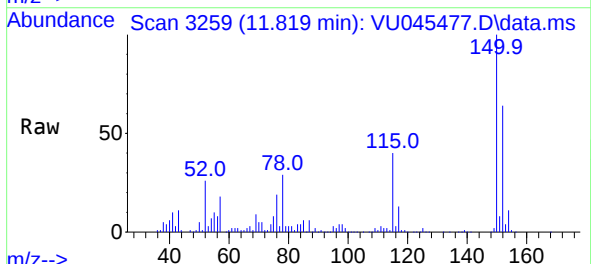
Tgt Ion:152 Resp: 204821

Ion Ratio Lower Upper

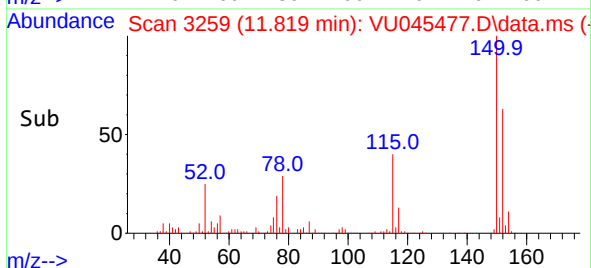
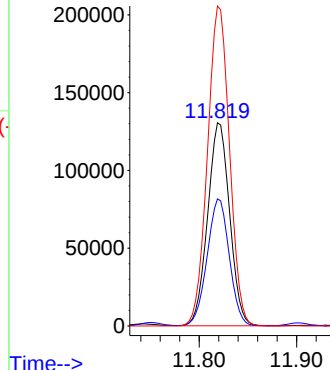
152 100

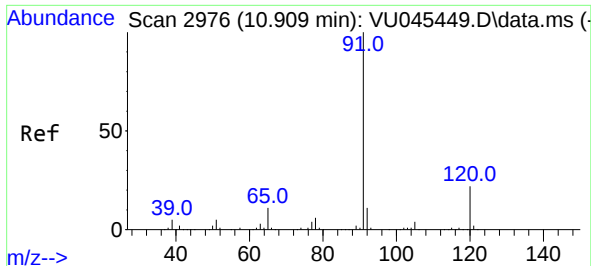
115 63.1 42.7 128.1

150 157.7 0.0 346.8



Abundance

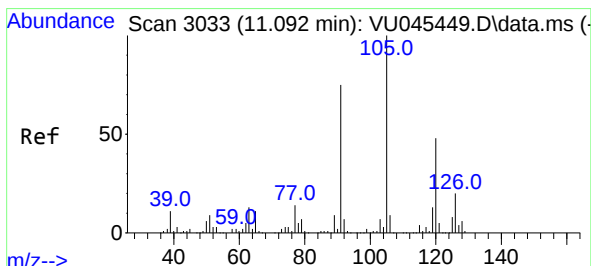
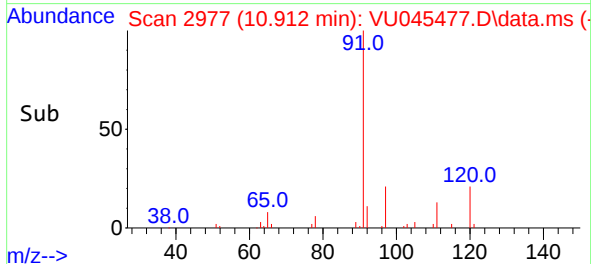
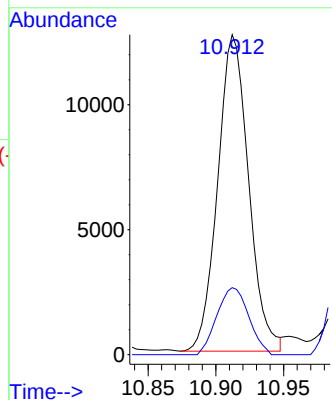
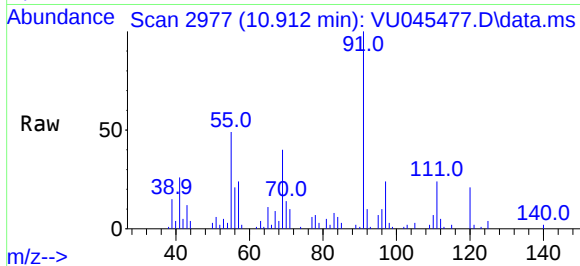




#78
n-propylbenzene
Concen: 1.199 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

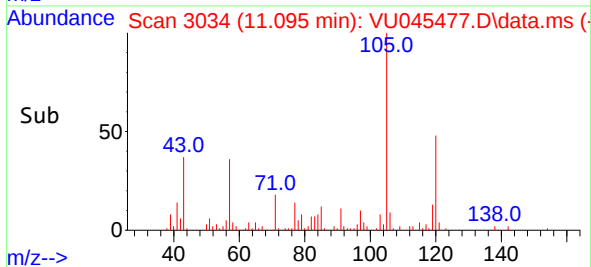
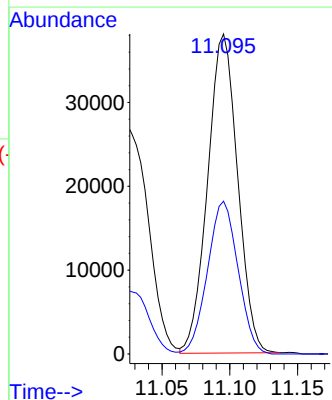
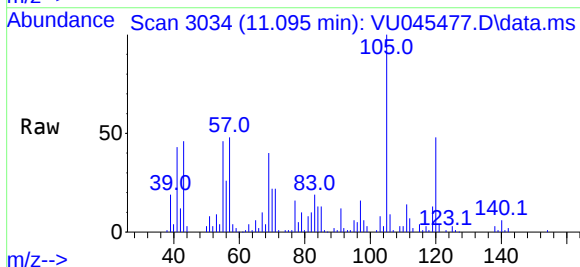
Instrument :
MSVOA_U
ClientSampleId :
WASTEME

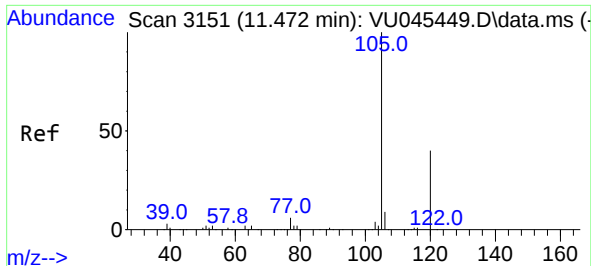
Tgt Ion: 91 Resp: 20073
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7



#80
1,3,5-Trimethylbenzene
Concen: 5.040 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion:105 Resp: 58573
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.8

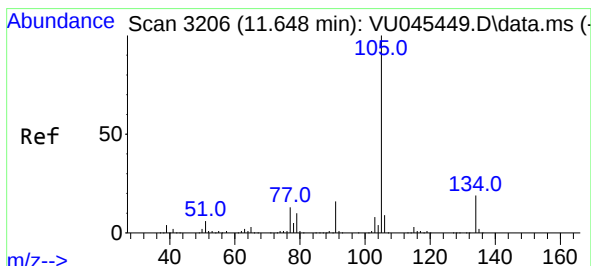
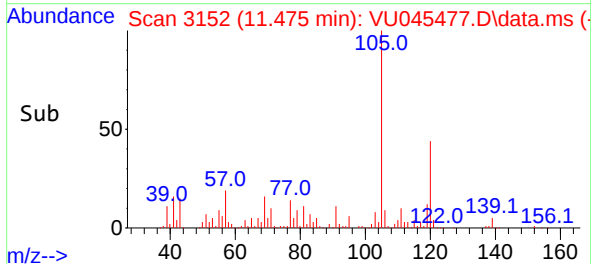
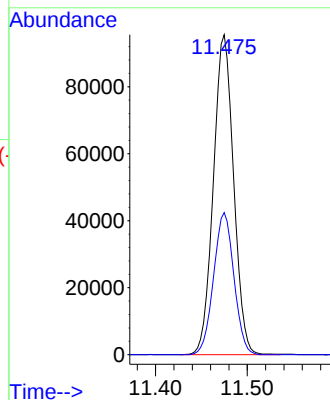
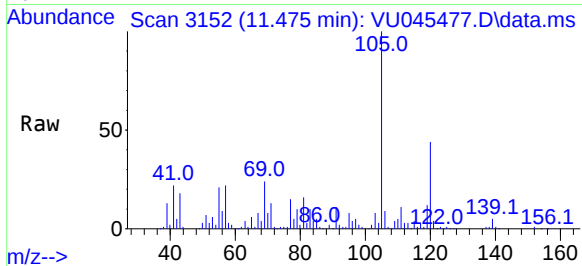




#84
1,2,4-Trimethylbenzene
Concen: 12.582 ug/l
RT: 11.475 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

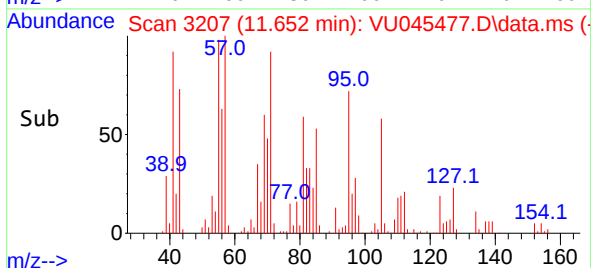
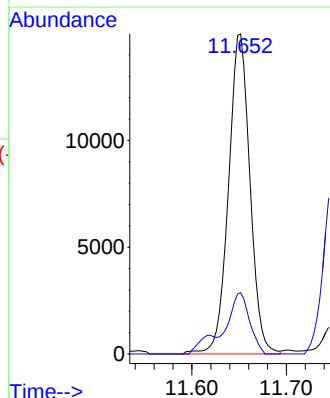
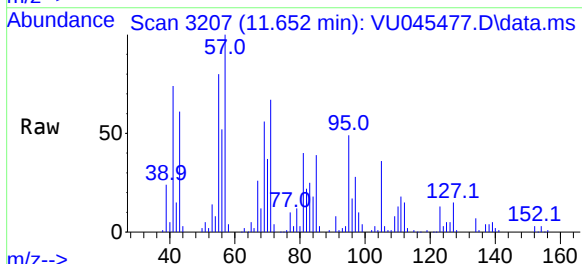
Instrument :
MSVOA_U
ClientSampleId :
WASTEME

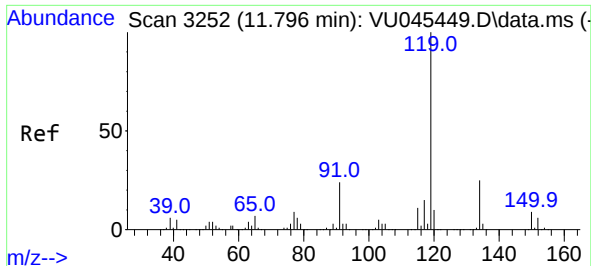
Tgt Ion:105 Resp: 146504
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6



#85
sec-Butylbenzene
Concen: 1.607 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion:105 Resp: 23658
Ion Ratio Lower Upper
105 100
134 18.0 9.4 28.3





#86

p-Isopropyltoluene

Concen: 1.943 ug/l

RT: 11.799 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

ClientSampleId :

WASTEME

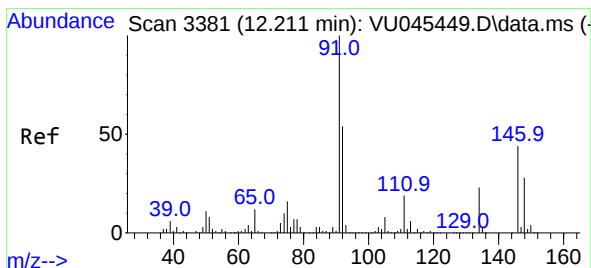
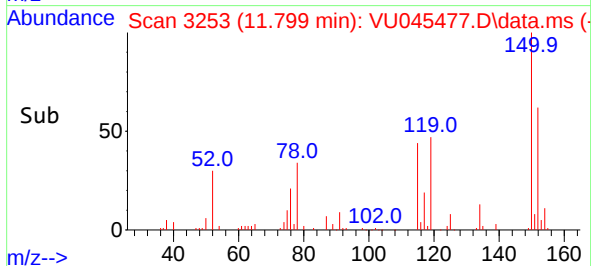
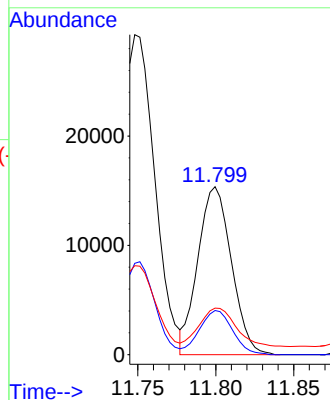
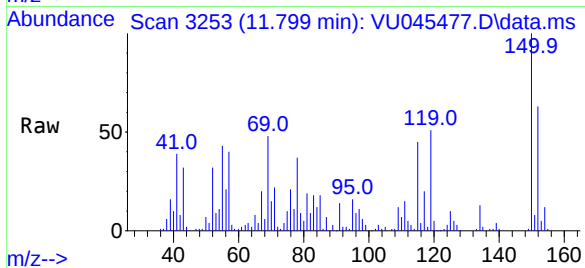
Tgt Ion:119 Resp: 22975

Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

91 25.4 12.2 36.4



#89

n-Butylbenzene

Concen: 5.264 ug/l

RT: 12.201 min Scan# 3378

Delta R.T. -0.010 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Tgt Ion: 91 Resp: 56268

Ion Ratio Lower Upper

91 100

92 30.1 27.1 81.2

134 98.9 11.8 35.4#

