

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049517.D
 Acq On : 29 Jun 2022 17:07
 Operator : SY/MD
 Sample : N3499-02
 Misc : 1.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 31547

Quant Time: Jun 29 19:10:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	281887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	505334	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	463291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	218659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	197692	45.538	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.080%
35) Dibromofluoromethane	5.288	113	153072	43.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.600%
50) Toluene-d8	7.896	98	609522	48.336	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.680%
62) 4-Bromofluorobenzene	10.642	95	226942	46.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.960%

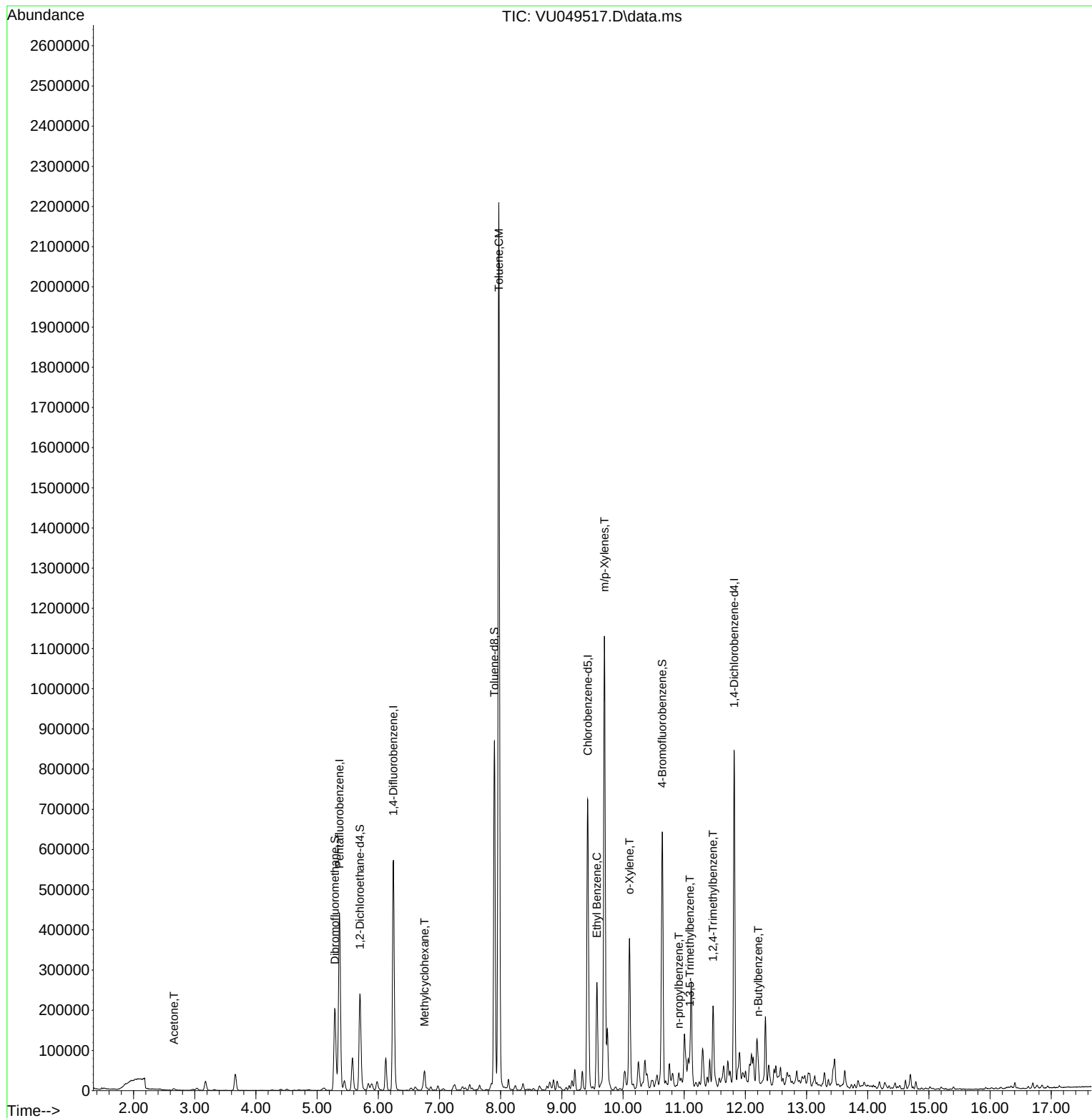
Target Compounds					Qvalue
16) Acetone	2.662	43	6242	2.851	ug/l 98
39) Methylcyclohexane	6.755	83	19959	3.248	ug/l # 90
52) Toluene	7.970	92	963412	104.730	ug/l 99
67) Ethyl Benzene	9.574	91	200344	11.522	ug/l 97
68) m/p-Xylenes	9.697	106	344373	53.527	ug/l 91
69) o-Xylene	10.105	106	106477	16.671	ug/l 90
78) n-propylbenzene	10.912	91	30204	1.596	ug/l 97
80) 1,3,5-Trimethylbenzene	11.092	105	31952	2.350	ug/l 95
84) 1,2,4-Trimethylbenzene	11.471	105	105243	7.878	ug/l 94
89) n-Butylbenzene	12.211	91	21140	1.679	ug/l # 53

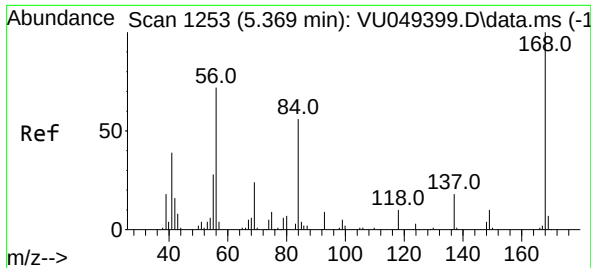
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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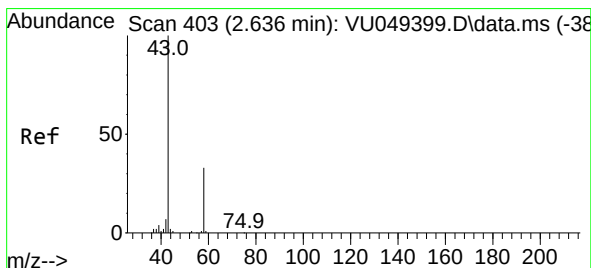
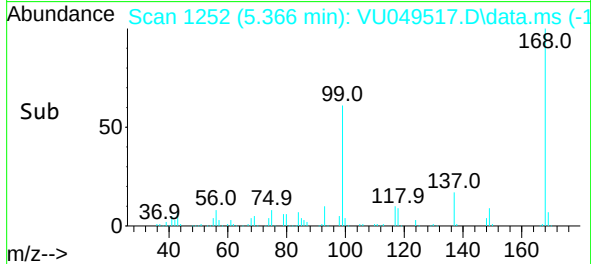
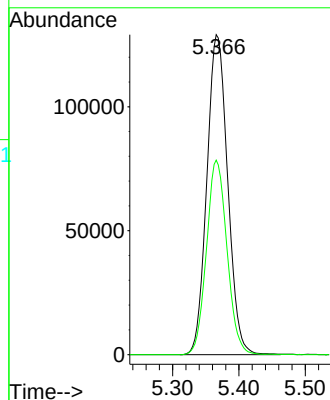
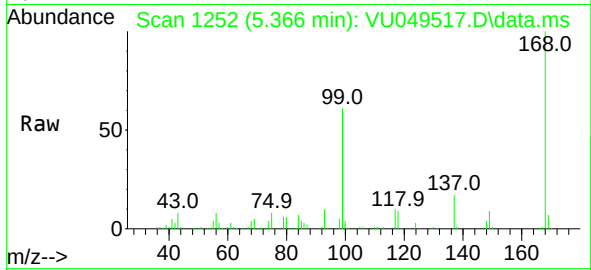




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049517.D
Acq: 29 Jun 2022 17:07

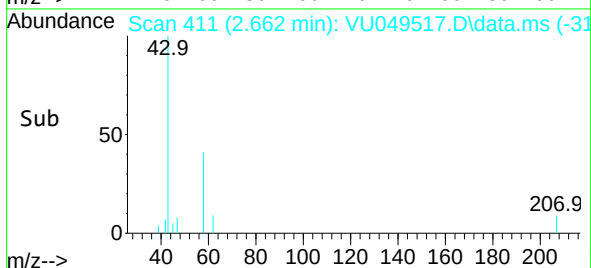
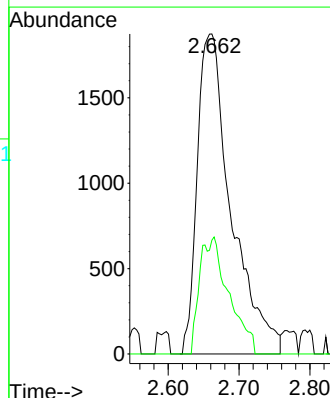
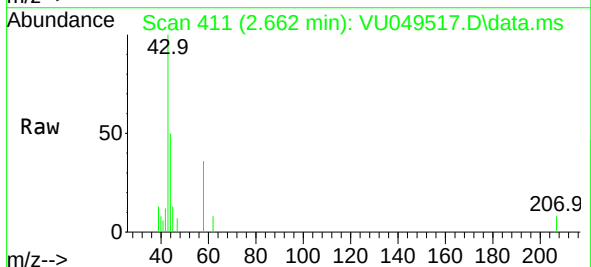
Instrument :
MSVOA_U
ClientSampleId :
31547

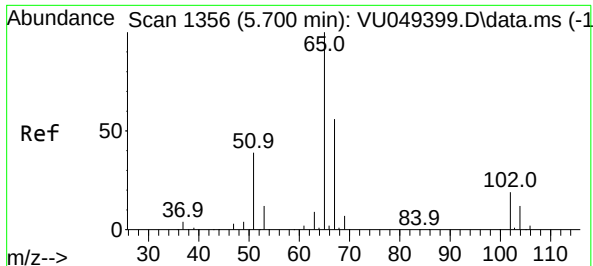
Tgt Ion:168 Resp: 281887
Ion Ratio Lower Upper
168 100
99 60.8 39.3 58.9#



#16
Acetone
Concen: 2.851 ug/l
RT: 2.662 min Scan# 411
Delta R.T. 0.026 min
Lab File: VU049517.D
Acq: 29 Jun 2022 17:07

Tgt Ion: 43 Resp: 6242
Ion Ratio Lower Upper
43 100
58 35.5 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 45.538 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049517.D

Acq: 29 Jun 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

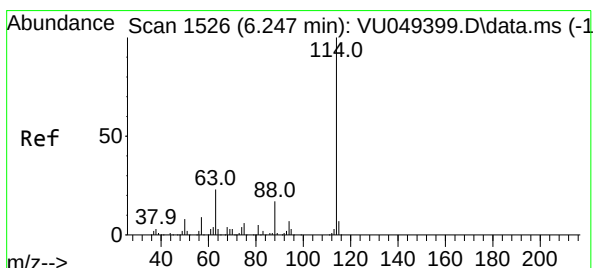
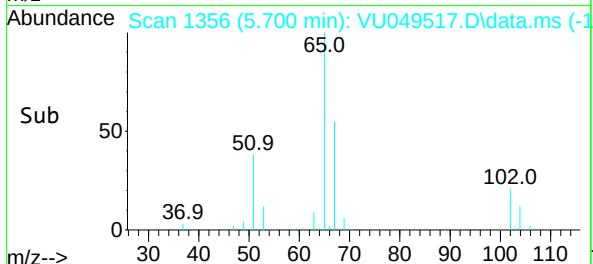
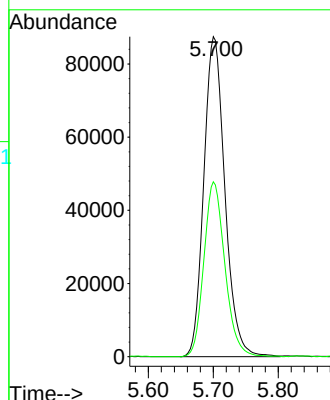
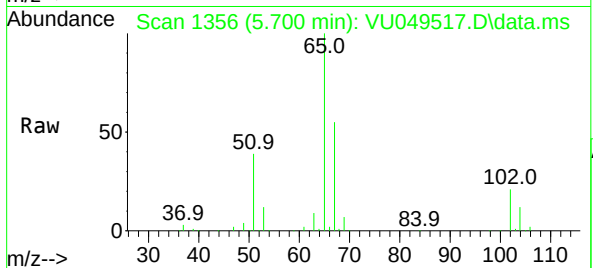
31547

Tgt Ion: 65 Resp: 197692

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049517.D

Acq: 29 Jun 2022 17:07

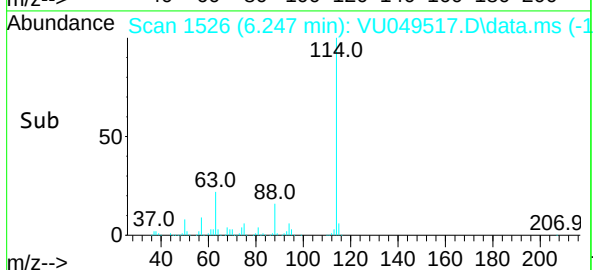
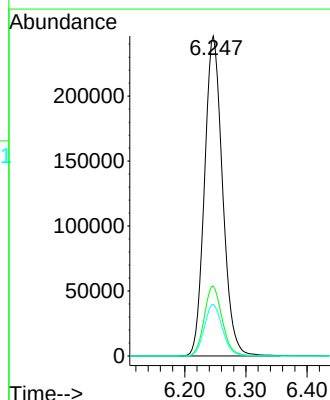
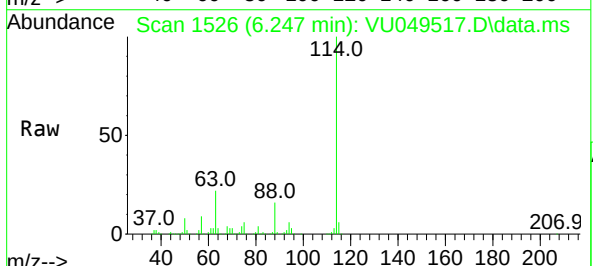
Tgt Ion: 114 Resp: 505334

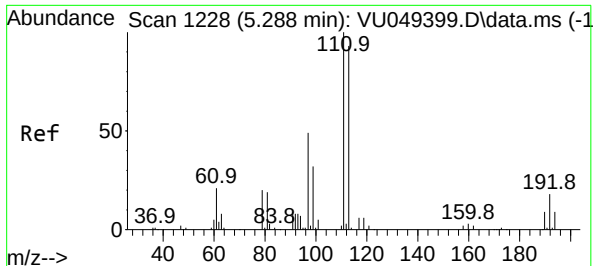
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 43.296 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049517.D

Acq: 29 Jun 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

31547

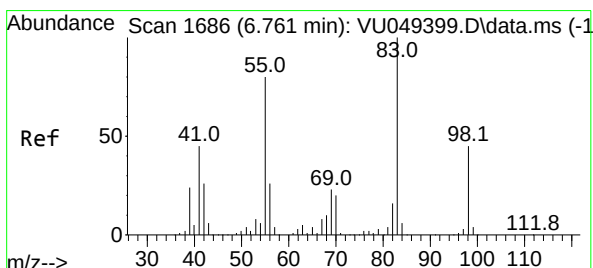
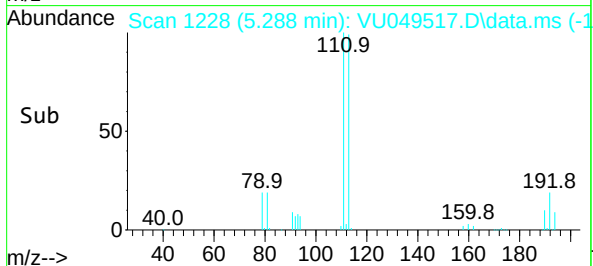
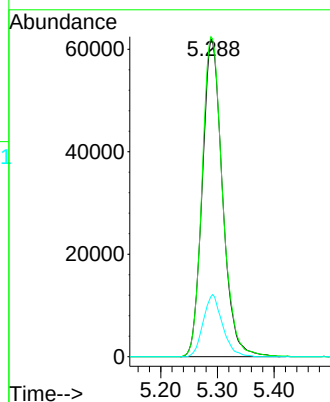
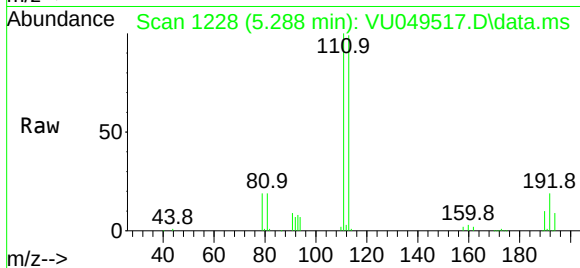
Tgt Ion:113 Resp: 153072

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

192 18.7 18.0 27.0



#39

Methylcyclohexane

Concen: 3.248 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VU049517.D

Acq: 29 Jun 2022 17:07

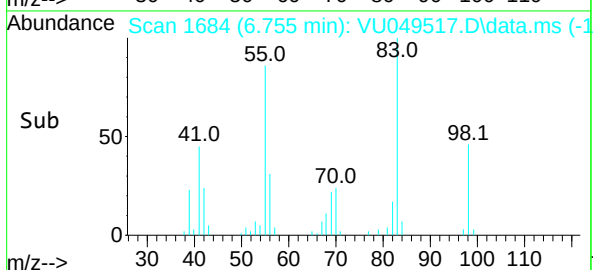
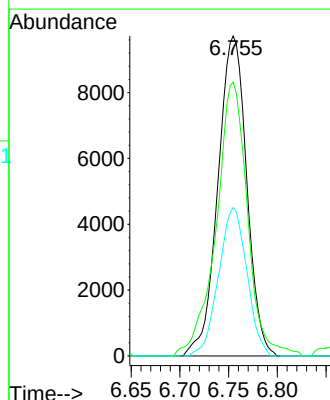
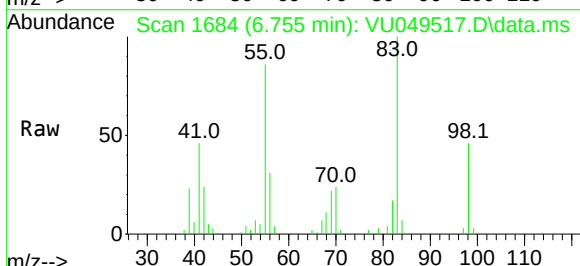
Tgt Ion: 83 Resp: 19959

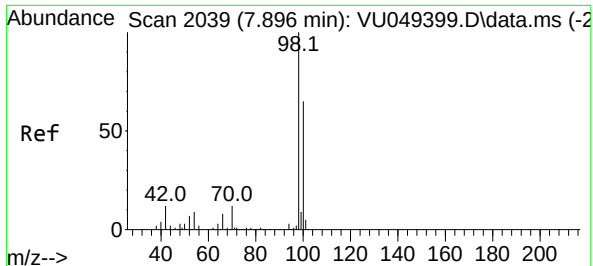
Ion Ratio Lower Upper

83 100

55 83.2 55.3 82.9#

98 46.4 37.3 55.9

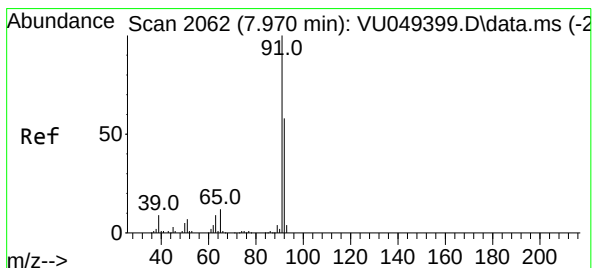
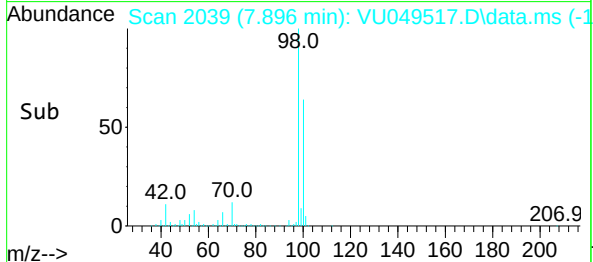
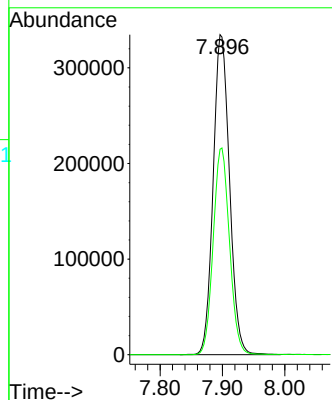
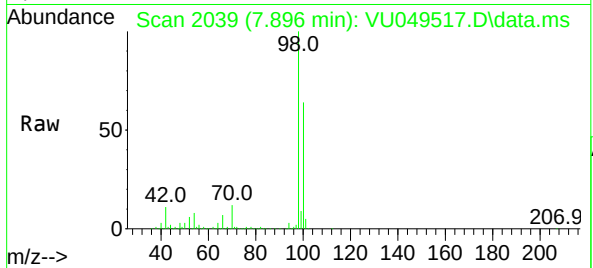




#50
Toluene-d8
Concen: 48.336 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049517.D
Acq: 29 Jun 2022 17:07

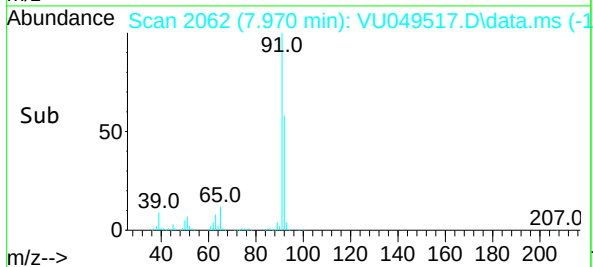
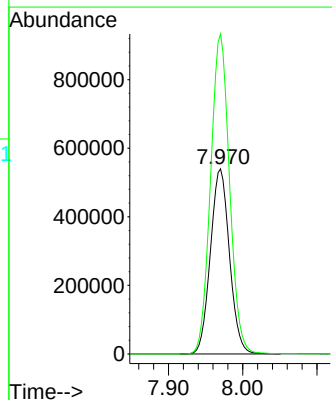
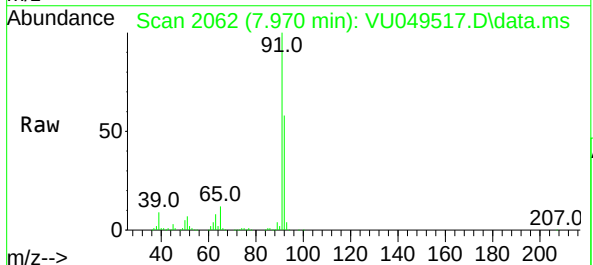
Instrument :
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31547

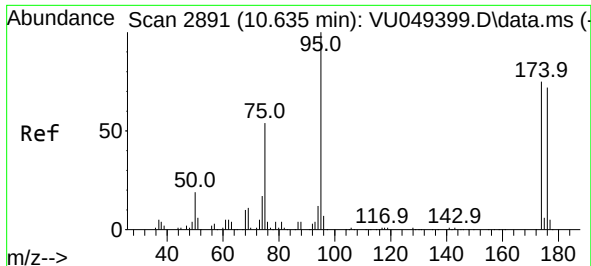
Tgt Ion: 98 Resp: 609522
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#52
Toluene
Concen: 104.730 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049517.D
Acq: 29 Jun 2022 17:07

Tgt Ion: 92 Resp: 963412
Ion Ratio Lower Upper
92 100
91 171.7 138.2 207.4

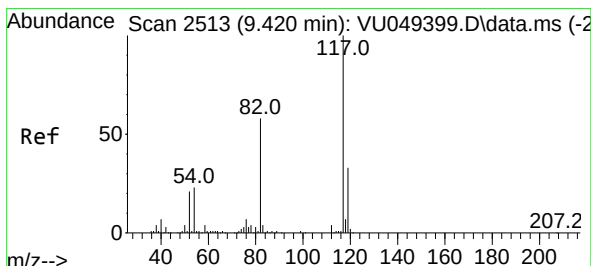
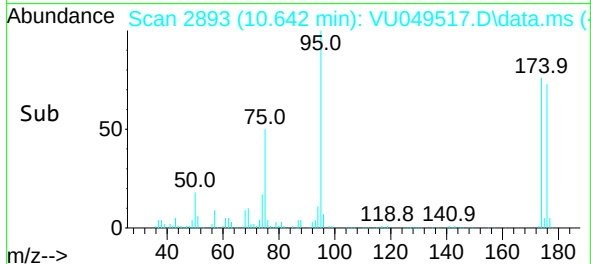
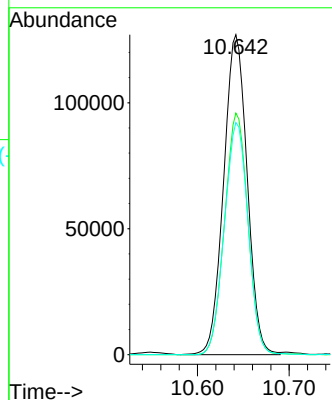
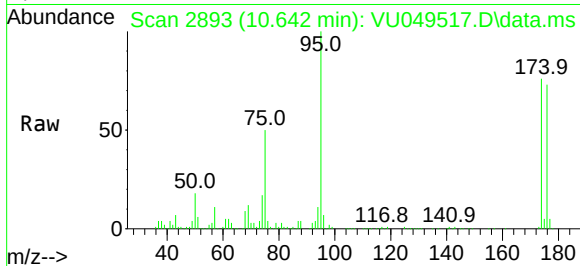




#62
4-Bromofluorobenzene
Concen: 46.981 ug/l
RT: 10.642 min Scan# 21547
Delta R.T. 0.007 min
Lab File: VU049517.D
Acq: 29 Jun 2022 17:07

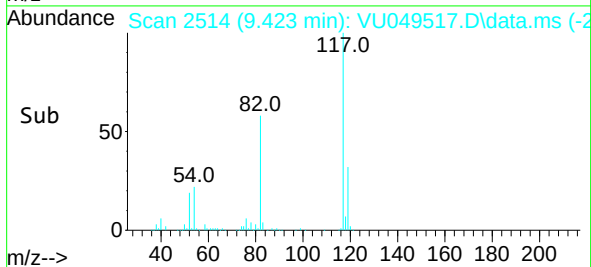
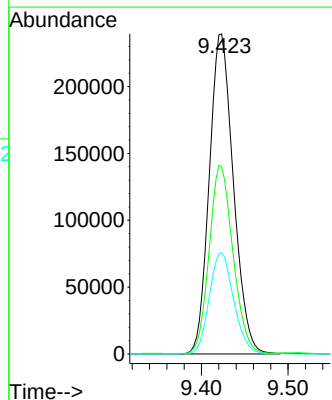
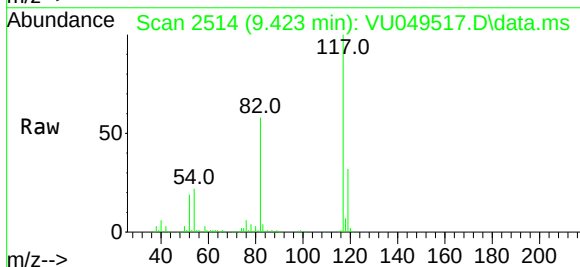
Instrument :
MSVOA_U
ClientSampleId :
31547

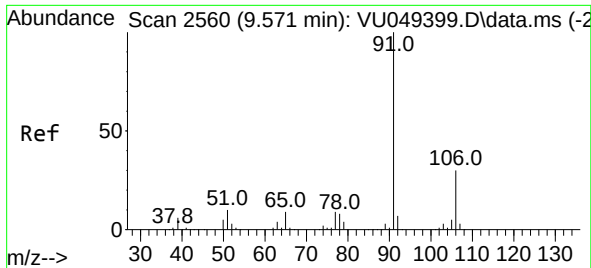
Tgt Ion: 95 Resp: 226942
Ion Ratio Lower Upper
95 100
174 74.7 0.0 182.0
176 73.1 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU049517.D
Acq: 29 Jun 2022 17:07

Tgt Ion: 117 Resp: 463291
Ion Ratio Lower Upper
117 100
82 58.3 41.7 62.5
119 31.6 25.7 38.5





#67

Ethyl Benzene

Concen: 11.522 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU049517.D

Acq: 29 Jun 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

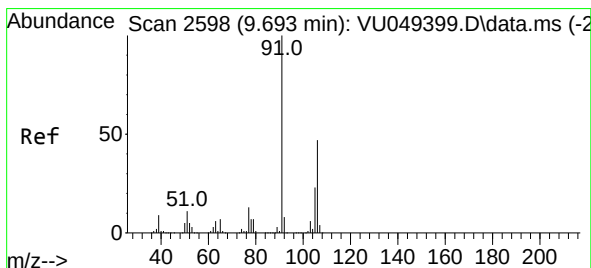
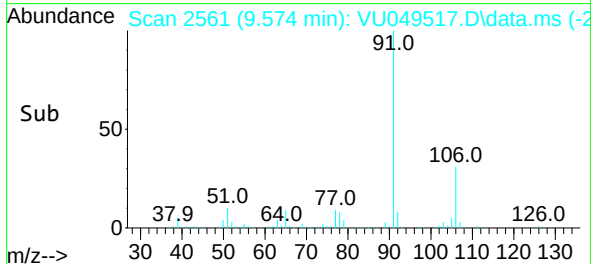
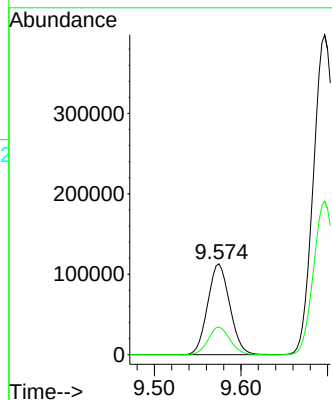
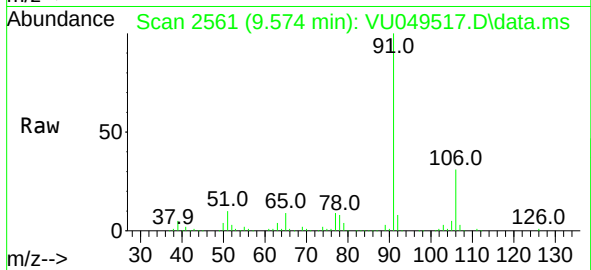
31547

Tgt Ion: 91 Resp: 200344

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 53.527 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU049517.D

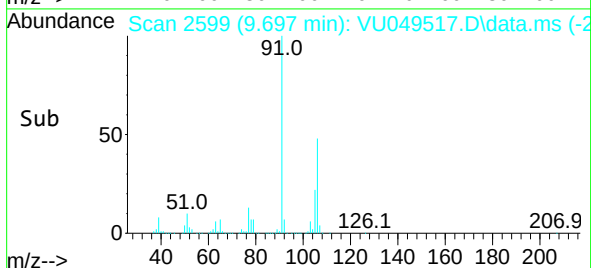
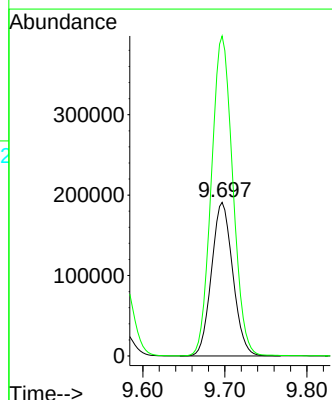
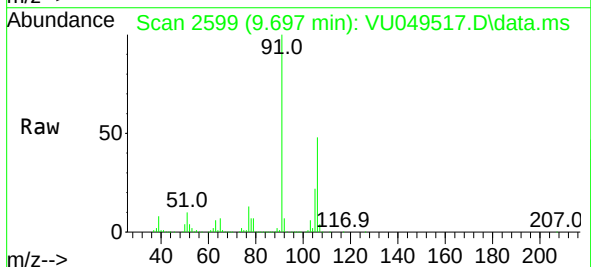
Acq: 29 Jun 2022 17:07

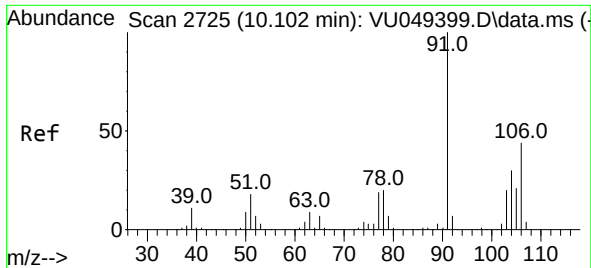
Tgt Ion:106 Resp: 344373

Ion Ratio Lower Upper

106 100

91 210.0 157.2 235.8

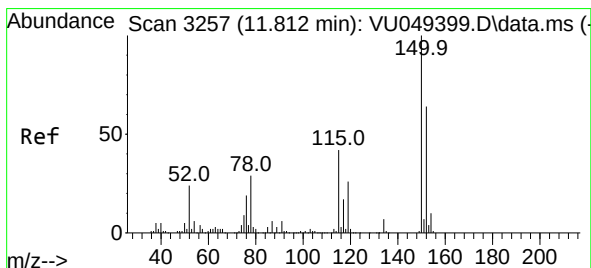
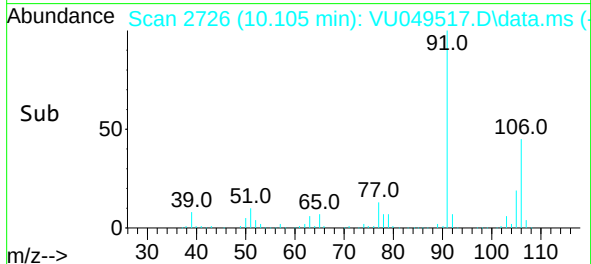
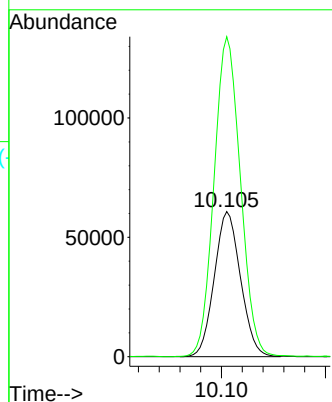
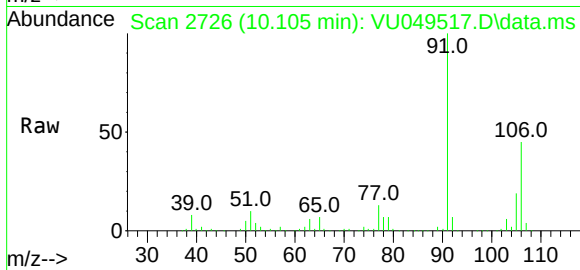




#69
o-Xylene
Concen: 16.671 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049517.D
Acq: 29 Jun 2022 17:07

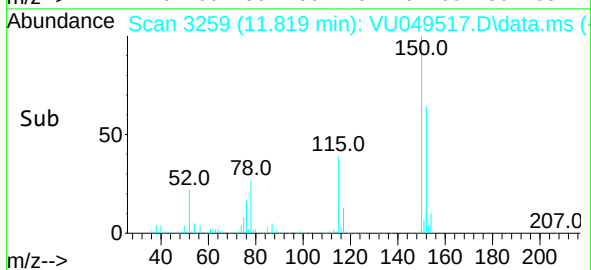
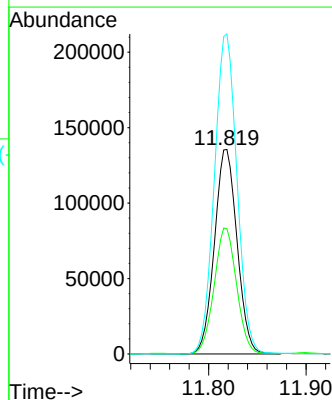
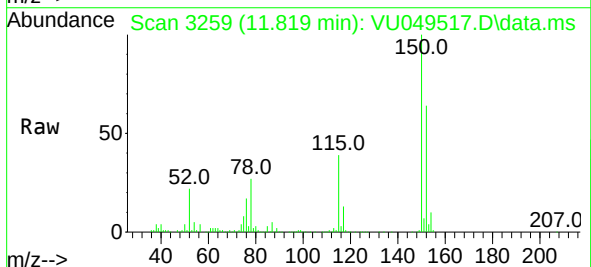
Instrument :
MSVOA_U
ClientSampleId :
31547

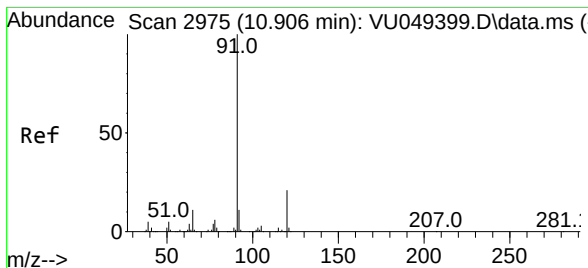
Tgt Ion:106 Resp: 106477
Ion Ratio Lower Upper
106 100
91 222.5 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.006 min
Lab File: VU049517.D
Acq: 29 Jun 2022 17:07

Tgt Ion:152 Resp: 218659
Ion Ratio Lower Upper
152 100
115 60.9 37.0 110.9
150 156.5 0.0 342.2





#78

n-propylbenzene

Concen: 1.596 ug/l

RT: 10.912 min Scan# 2977

Delta R.T. 0.006 min

Lab File: VU049517.D

Acq: 29 Jun 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

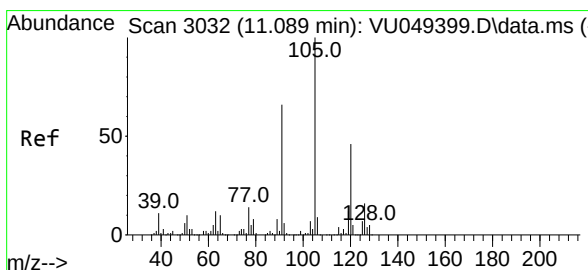
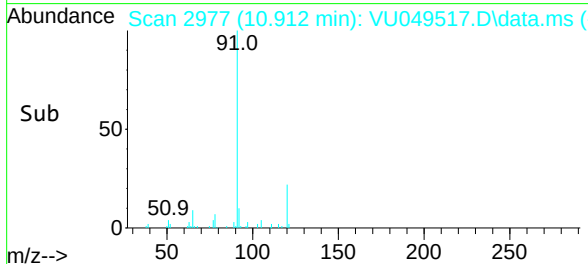
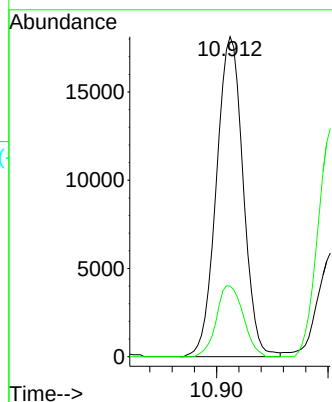
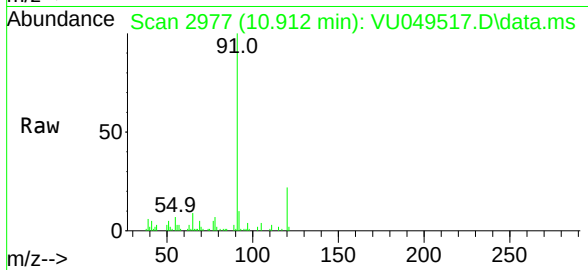
31547

Tgt Ion: 91 Resp: 30204

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 2.350 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU049517.D

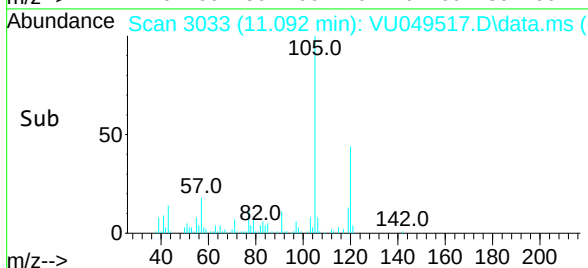
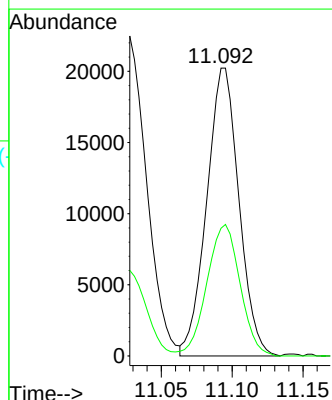
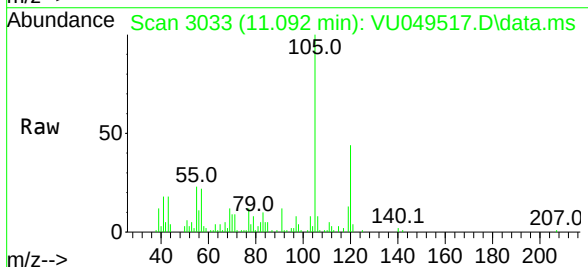
Acq: 29 Jun 2022 17:07

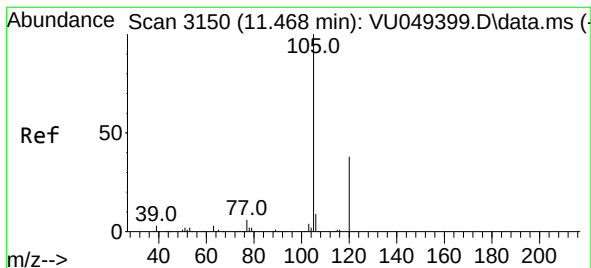
Tgt Ion:105 Resp: 31952

Ion Ratio Lower Upper

105 100

120 47.1 25.3 75.9





#84

1,2,4-Trimethylbenzene

Concen: 7.878 ug/l

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU049517.D

Acq: 29 Jun 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

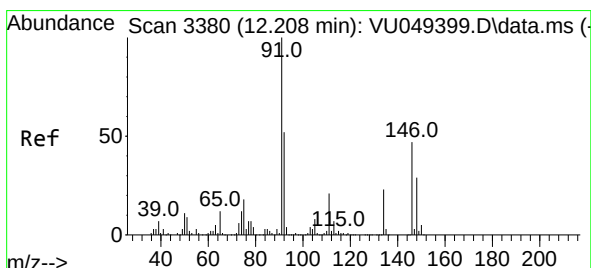
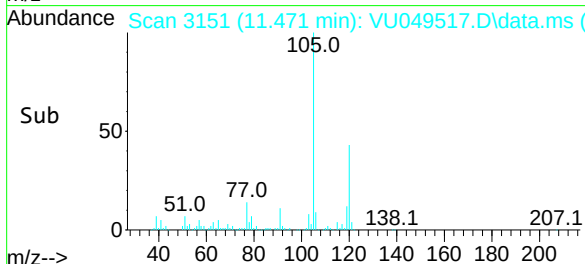
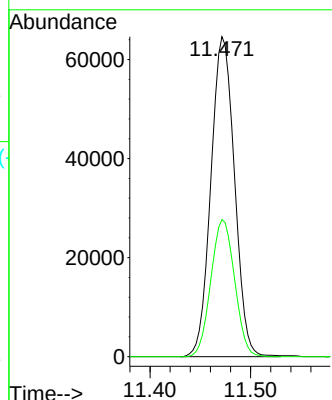
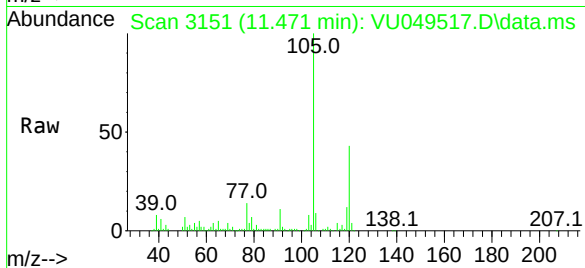
31547

Tgt Ion:105 Resp: 105243

Ion Ratio Lower Upper

105 100

120 43.0 23.4 70.3



#89

n-Butylbenzene

Concen: 1.679 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU049517.D

Acq: 29 Jun 2022 17:07

Tgt Ion: 91 Resp: 21140

Ion Ratio Lower Upper

91 100

92 37.3 26.2 78.6

134 77.6 13.5 40.4#

