

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049515.D
 Acq On : 29 Jun 2022 16:12
 Operator : SY/MD
 Sample : N3499-02 5X
 Misc : 1.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 31547

Quant Time: Jun 29 16:35:43 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)

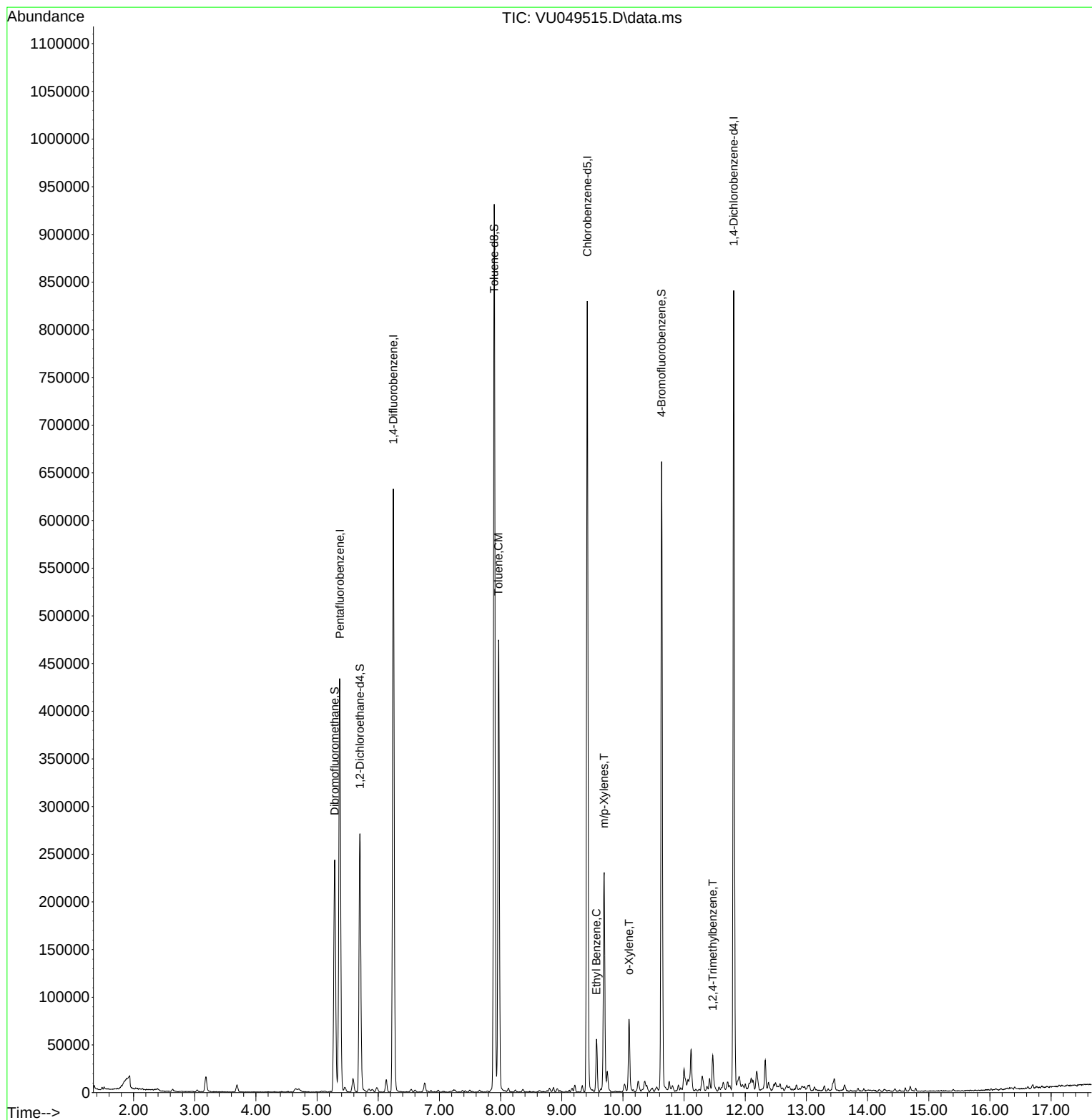
Internal Standards						
1) Pentafluorobenzene	5.372	168	290289	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	509767	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	453103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	213128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	199608	44.649	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.300%
35) Dibromofluoromethane	5.288	113	159771	44.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.600%
50) Toluene-d8	7.896	98	608817	47.861	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	10.632	95	221971	45.553	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%
Target Compounds						
					Qvalue	
52) Toluene	7.967	92	196455	21.170	ug/l	100
67) Ethyl Benzene	9.568	91	37603	2.211	ug/l	93
68) m/p-Xylenes	9.693	106	64484	10.248	ug/l	92
69) o-Xylene	10.098	106	20576	3.294	ug/l	92
84) 1,2,4-Trimethylbenzene	11.468	105	18821	1.445	ug/l	98

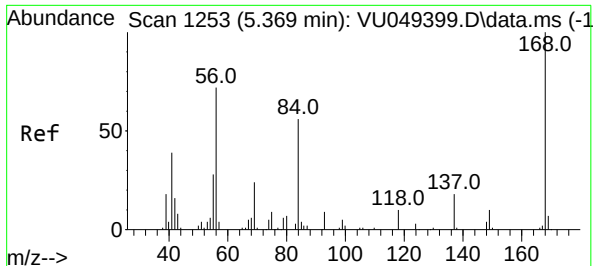
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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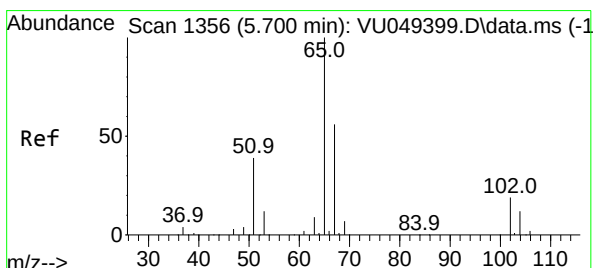
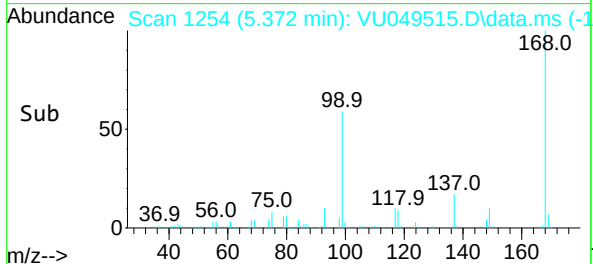
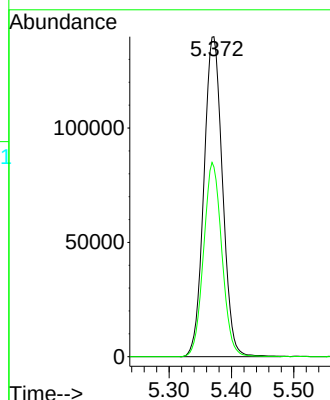
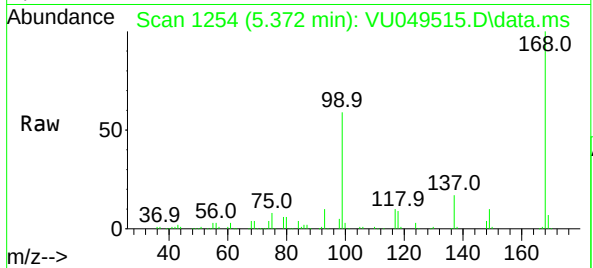




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049515.D
Acq: 29 Jun 2022 16:12

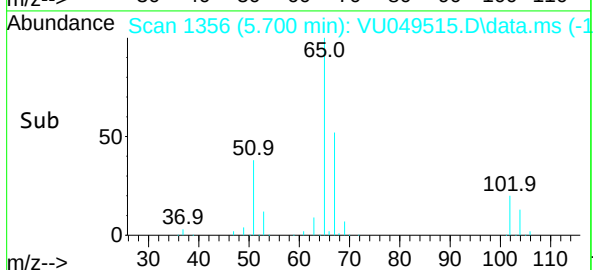
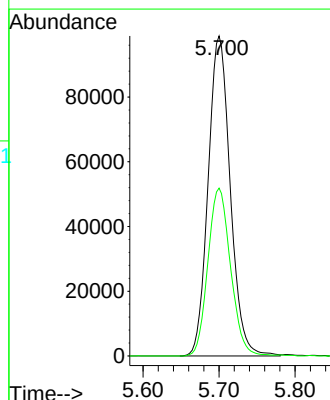
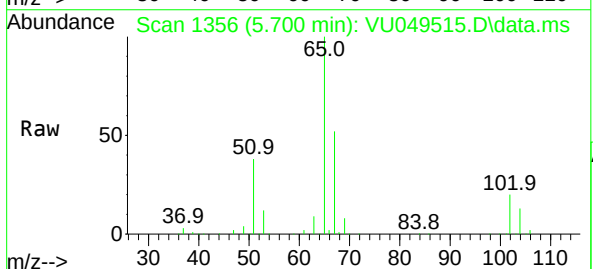
Instrument :
MSVOA_U
ClientSampleId :
31547

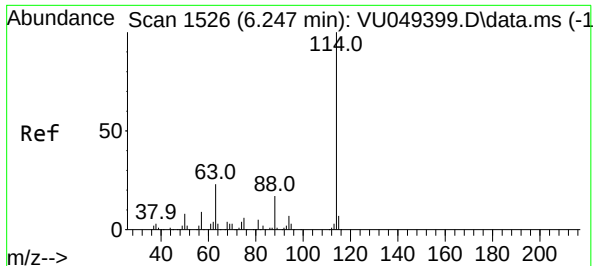
Tgt Ion:168 Resp: 290289
Ion Ratio Lower Upper
168 100
99 59.3 39.3 58.9#



#33
1,2-Dichloroethane-d4
Concen: 44.649 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.000 min
Lab File: VU049515.D
Acq: 29 Jun 2022 16:12

Tgt Ion: 65 Resp: 199608
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 114

Delta R.T. -0.000 min

Lab File: VU049515.D

Acq: 29 Jun 2022 16:12

Instrument :

MSVOA_U

ClientSampleId :

31547

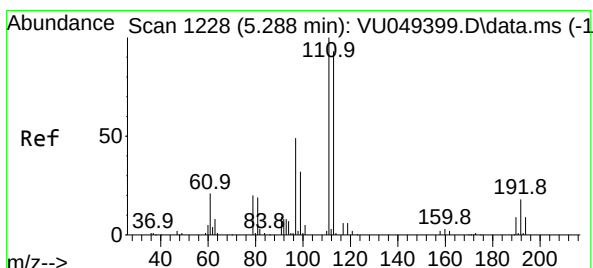
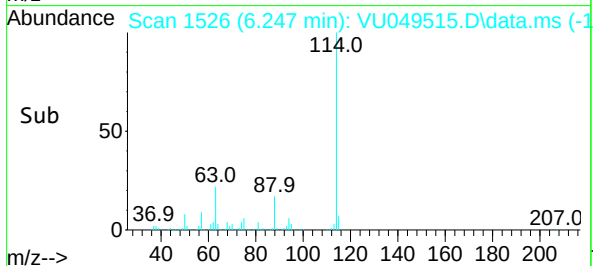
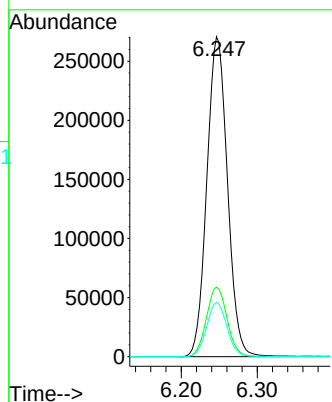
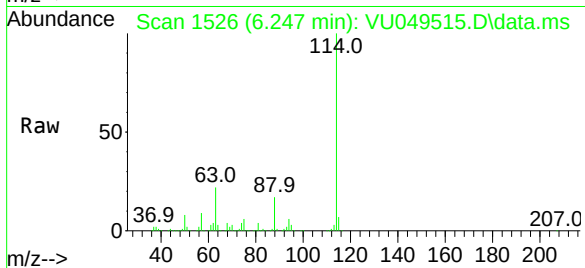
Tgt Ion:114 Resp: 509767

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 17.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.798 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VU049515.D

Acq: 29 Jun 2022 16:12

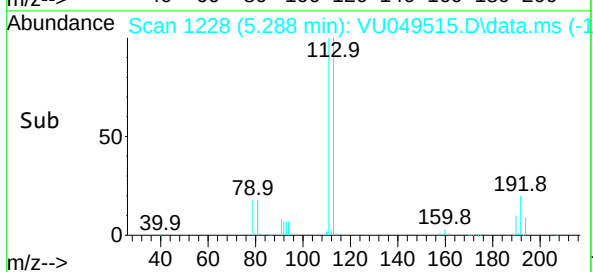
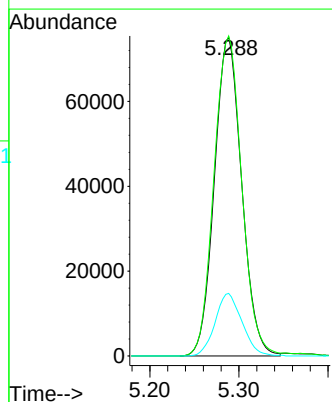
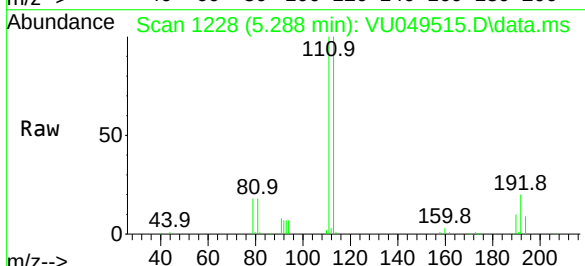
Tgt Ion:113 Resp: 159771

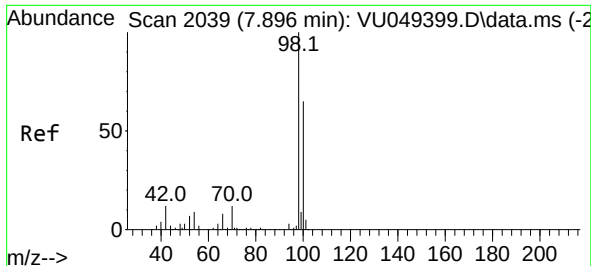
Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

192 19.4 18.0 27.0

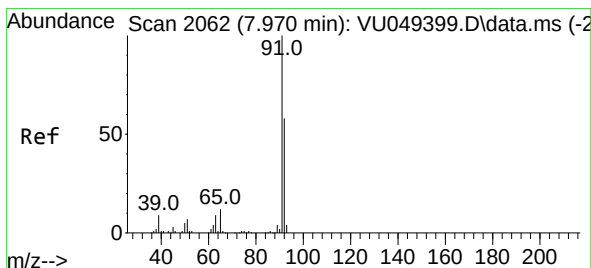
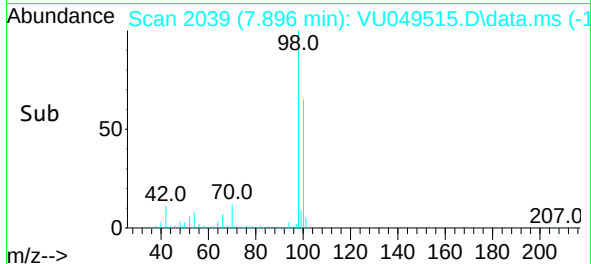
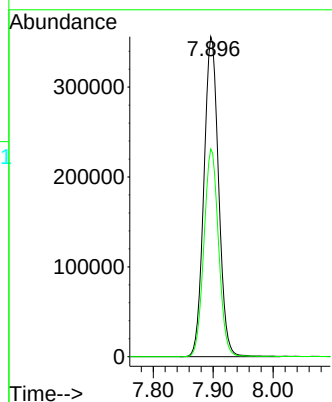
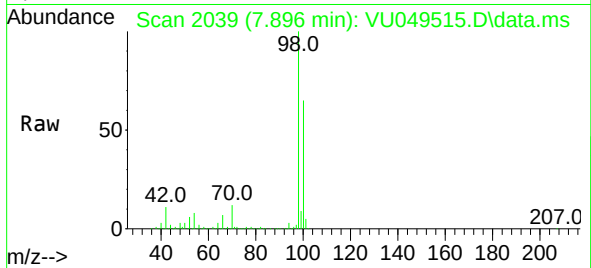




#50
Toluene-d8
Concen: 47.861 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049515.D
Acq: 29 Jun 2022 16:12

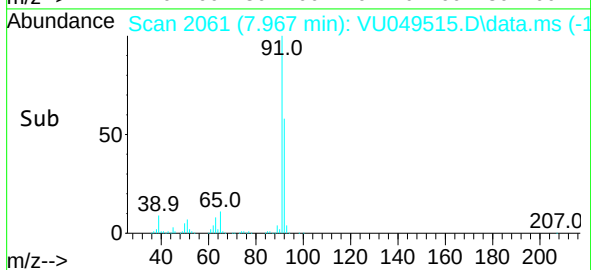
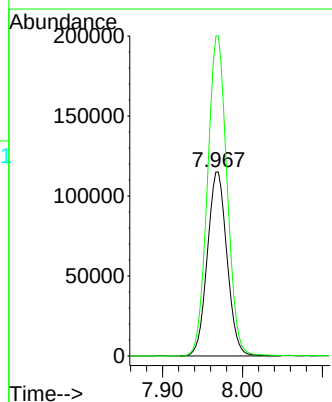
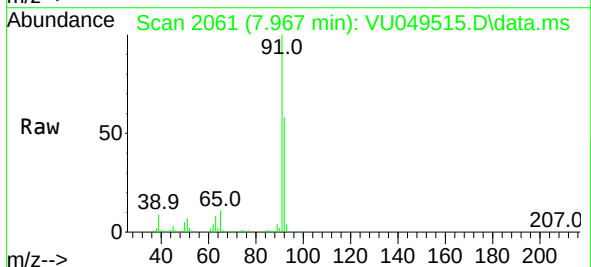
Instrument :
MSVOA_U
ClientSampleId :
31547

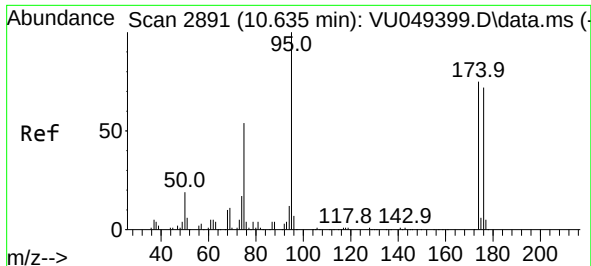
Tgt Ion: 98 Resp: 608817
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#52
Toluene
Concen: 21.170 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU049515.D
Acq: 29 Jun 2022 16:12

Tgt Ion: 92 Resp: 196455
Ion Ratio Lower Upper
92 100
91 173.4 138.2 207.4

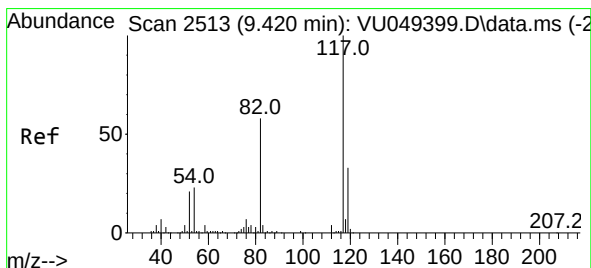
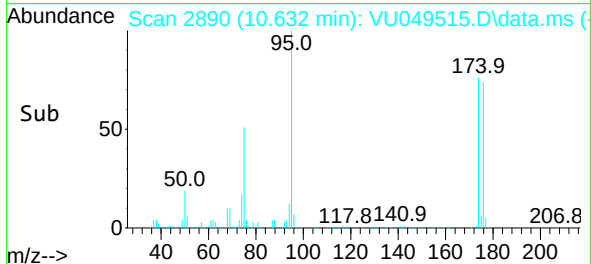
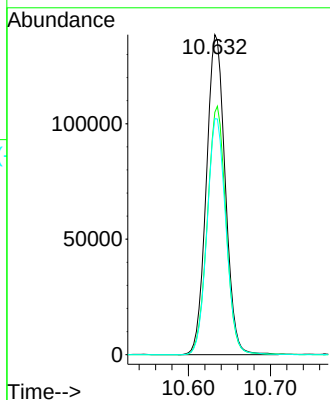
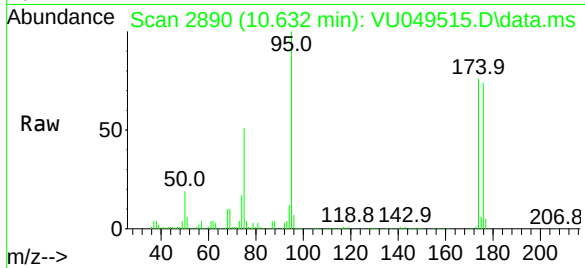




#62
4-Bromofluorobenzene
Concen: 45.553 ug/l
RT: 10.632 min Scan# 2119
Delta R.T. -0.003 min
Lab File: VU049515.D
Acq: 29 Jun 2022 16:12

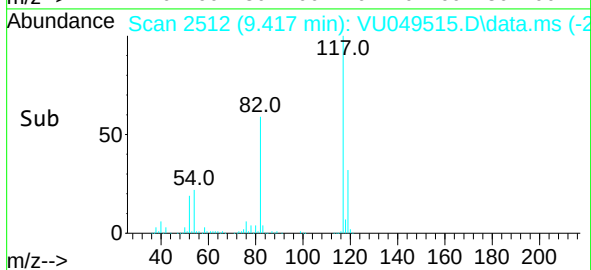
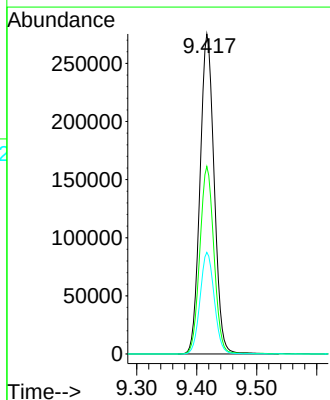
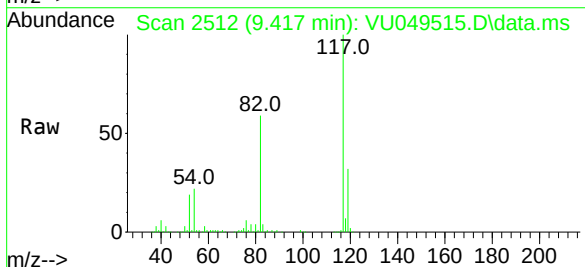
Instrument :
MSVOA_U
ClientSampleId :
31547

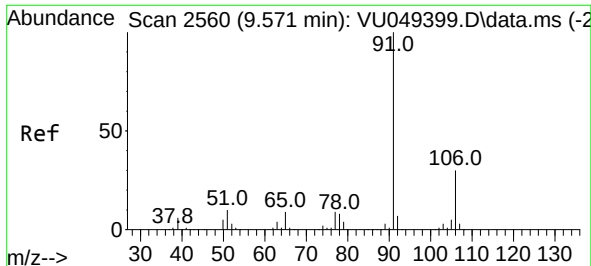
Tgt Ion: 95 Resp: 221971
Ion Ratio Lower Upper
95 100
174 76.7 0.0 182.0
176 73.9 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049515.D
Acq: 29 Jun 2022 16:12

Tgt Ion: 117 Resp: 453103
Ion Ratio Lower Upper
117 100
82 58.6 41.7 62.5
119 31.8 25.7 38.5





#67

Ethyl Benzene

Concen: 2.211 ug/l

RT: 9.568 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049515.D

Acq: 29 Jun 2022 16:12

Instrument :

MSVOA_U

ClientSampleId :

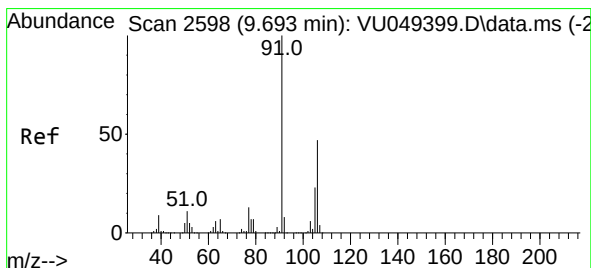
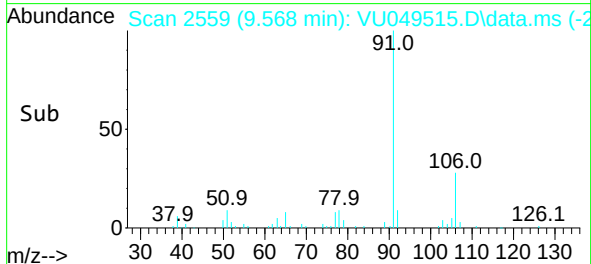
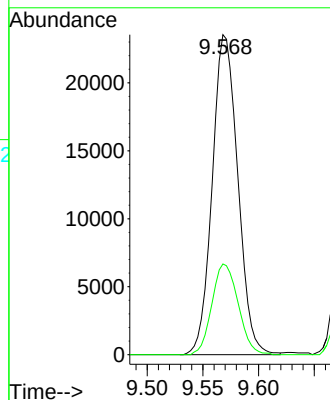
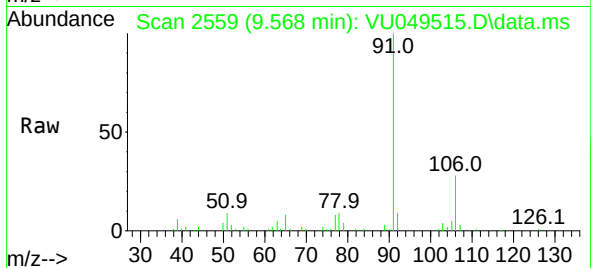
31547

Tgt Ion: 91 Resp: 37603

Ion Ratio Lower Upper

91 100

106 28.4 25.6 38.4



#68

m/p-Xylenes

Concen: 10.248 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049515.D

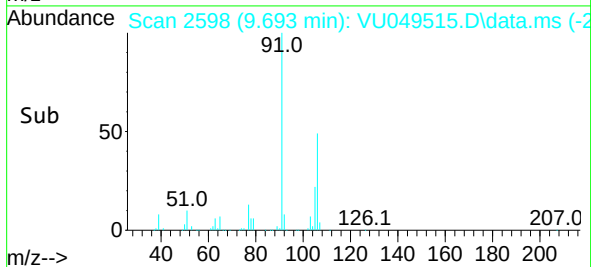
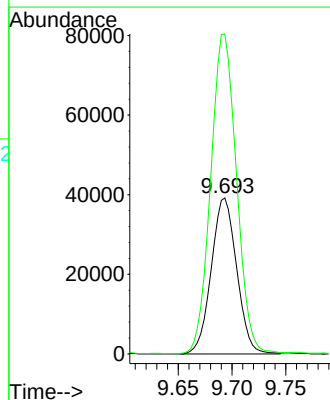
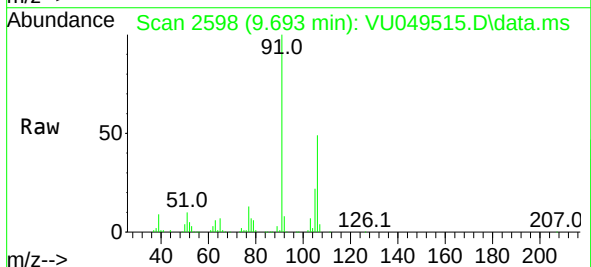
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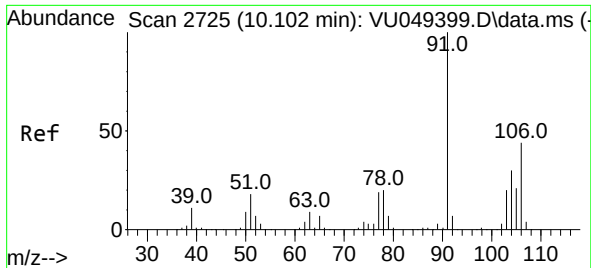
Tgt Ion:106 Resp: 64484

Ion Ratio Lower Upper

106 100

91 209.0 157.2 235.8

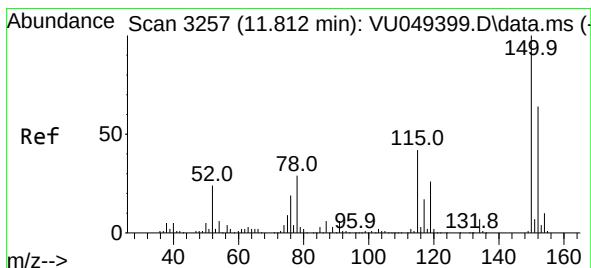
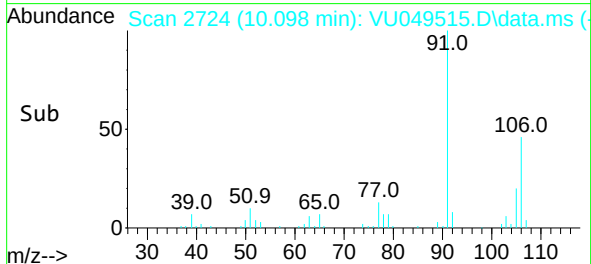
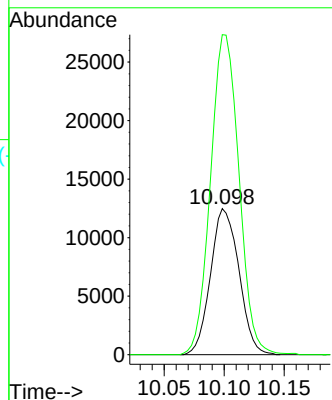
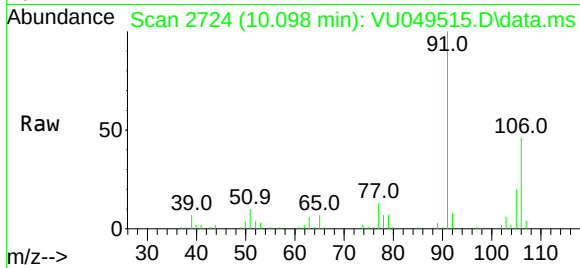




#69
o-Xylene
Concen: 3.294 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049515.D
Acq: 29 Jun 2022 16:12

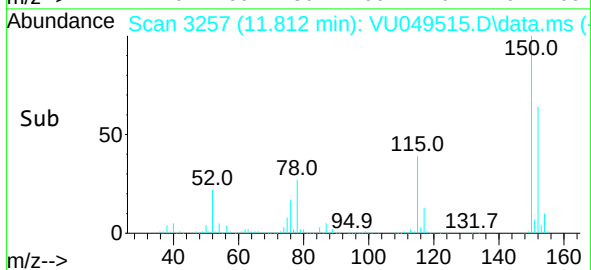
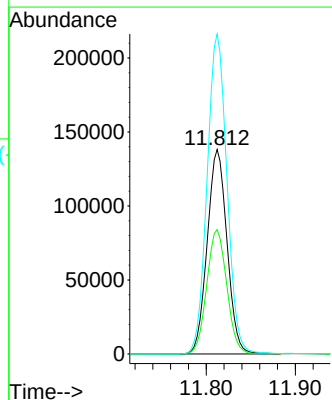
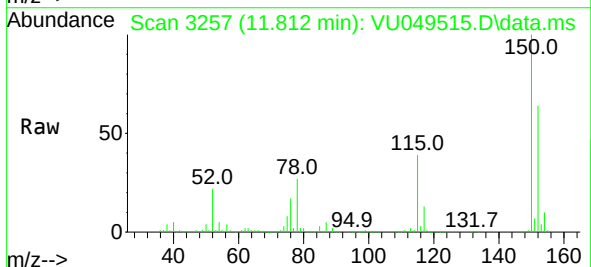
Instrument :
MSVOA_U
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31547

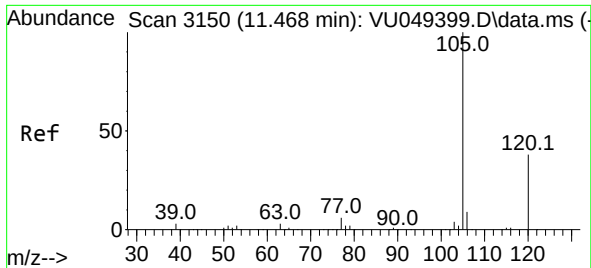
Tgt Ion:106 Resp: 20576
Ion Ratio Lower Upper
106 100
91 219.5 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049515.D
Acq: 29 Jun 2022 16:12

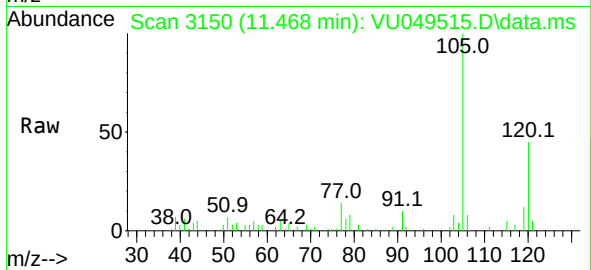
Tgt Ion:152 Resp: 213128
Ion Ratio Lower Upper
152 100
115 61.5 37.0 110.9
150 156.8 0.0 342.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.445 ug/l
 RT: 11.468 min Scan# 31547
 Delta R.T. -0.000 min
 Lab File: VU049515.D
 Acq: 29 Jun 2022 16:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:105 Resp: 18821
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.4 70.3

