

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049520.D
 Acq On : 29 Jun 2022 17:54
 Operator : SY/MD
 Sample : N3522-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-MW14911-350-352

Quant Time: Jun 30 00:49:30 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)

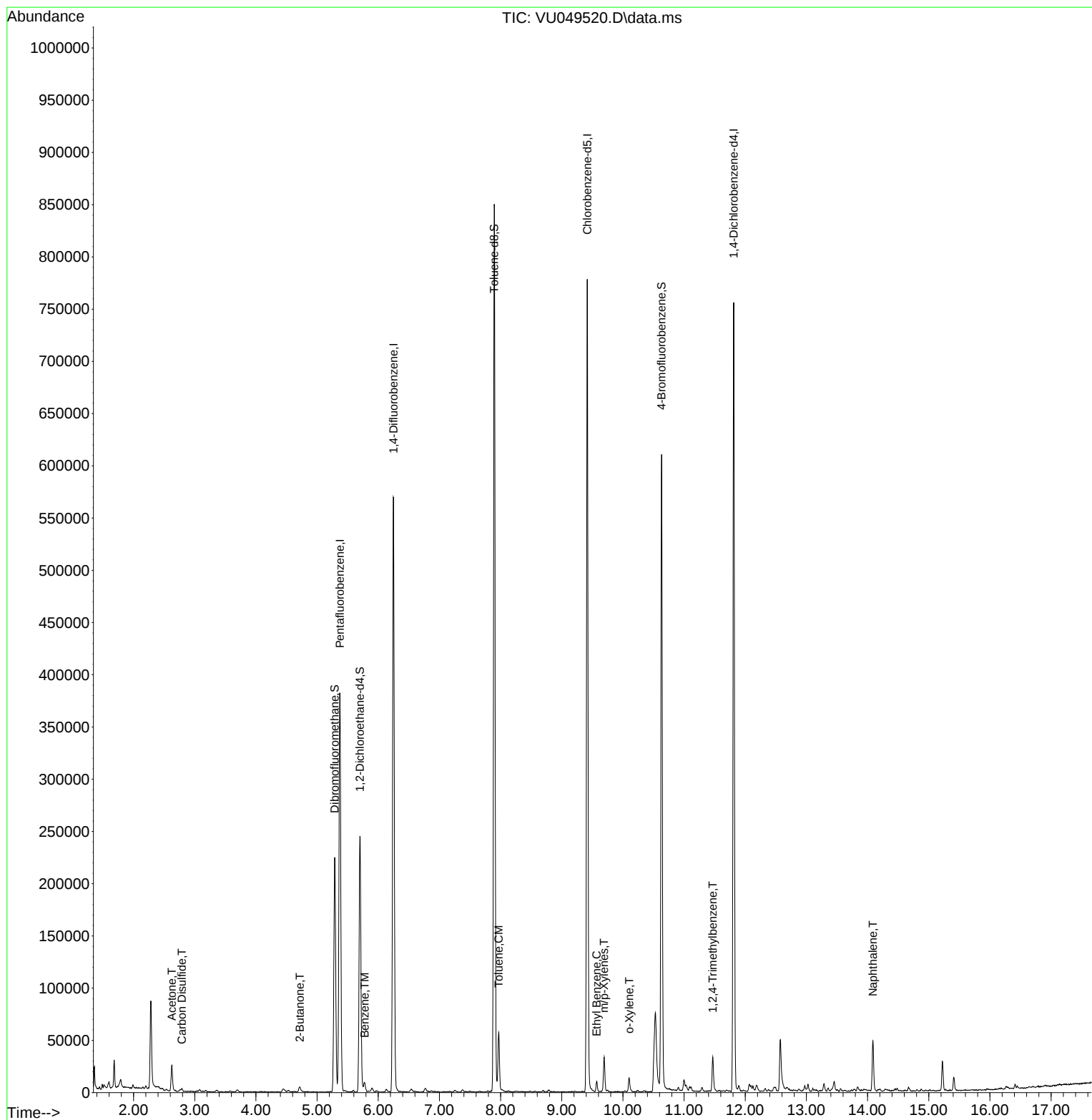
Internal Standards						
1) Pentafluorobenzene	5.372	168	262637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	461968	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	422529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	194717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	182554	45.133	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.260%
35) Dibromofluoromethane	5.288	113	144342	44.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.320%
50) Toluene-d8	7.896	98	563434	48.876	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	10.632	95	206775	46.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.640%
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	26197	12.843	ug/l	98
17) Carbon Disulfide	2.790	76	3009	0.338	ug/l #	89
25) 2-Butanone	4.716	43	8417	2.753	ug/l	91
40) Benzene	5.777	78	8358	0.591	ug/l	99
52) Toluene	7.970	92	22836	2.715	ug/l	100
67) Ethyl Benzene	9.571	91	7423	0.468	ug/l	97
68) m/p-Xylenes	9.693	106	9664	1.647	ug/l	93
69) o-Xylene	10.102	106	3647	0.626	ug/l	89
84) 1,2,4-Trimethylbenzene	11.468	105	16494	1.386	ug/l	72
95) Naphthalene	14.089	128	39813	4.257	ug/l	99

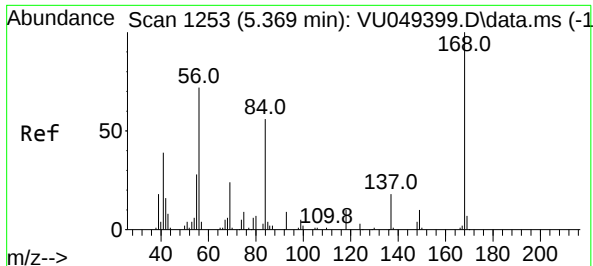
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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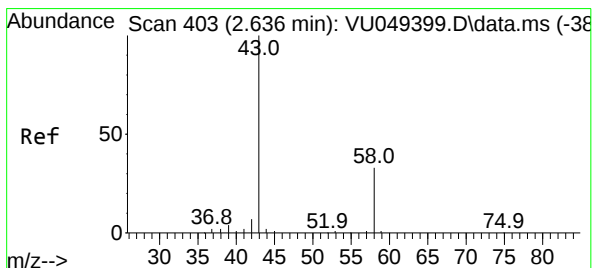
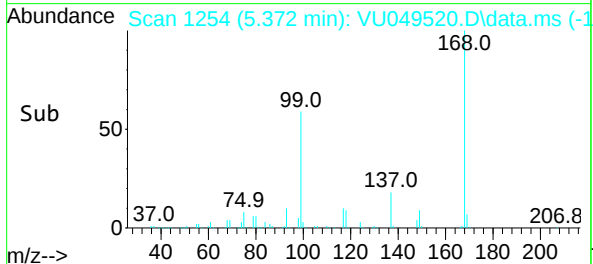
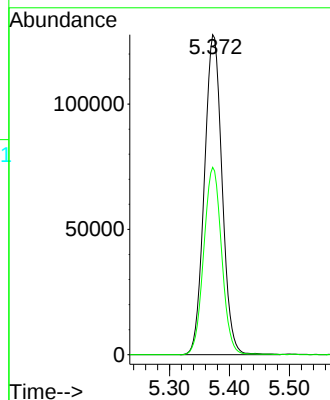
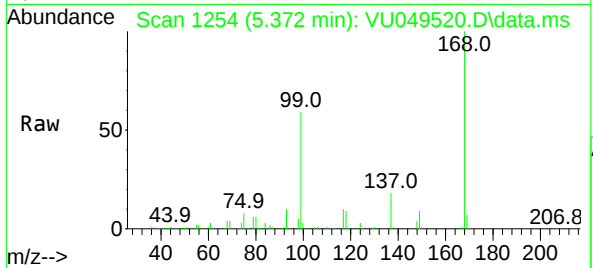




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

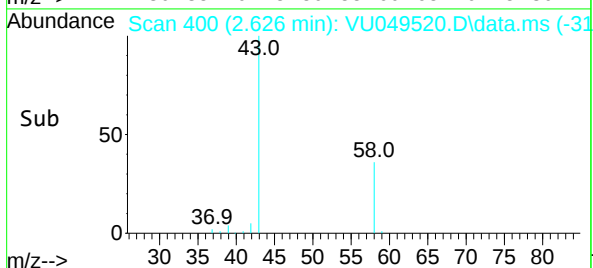
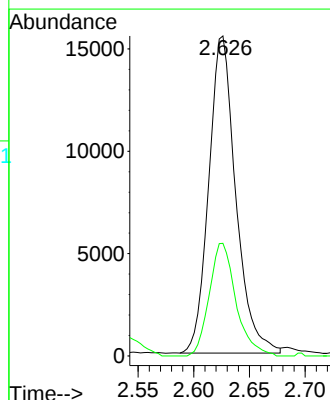
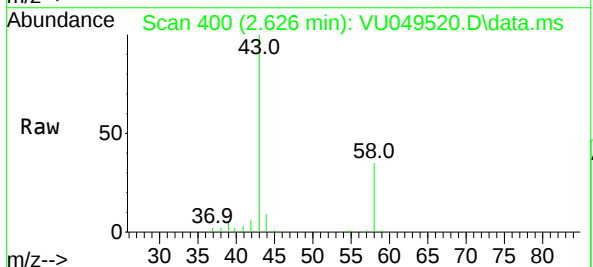
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW14911-350-352

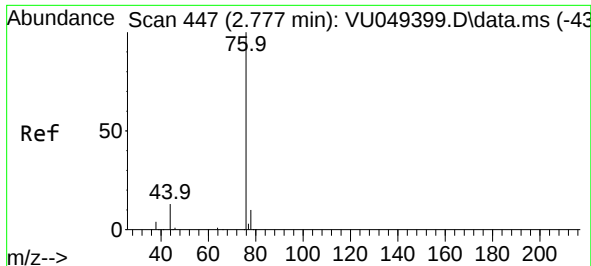
Tgt Ion:168 Resp: 262637
Ion Ratio Lower Upper
168 100
99 58.6 39.3 58.9



#16
Acetone
Concen: 12.843 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

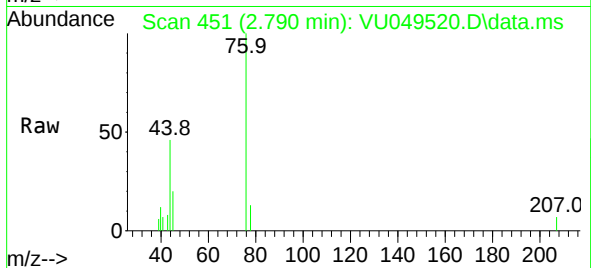
Tgt Ion: 43 Resp: 26197
Ion Ratio Lower Upper
43 100
58 35.5 27.5 41.3



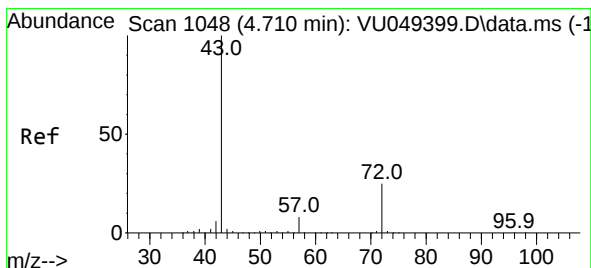
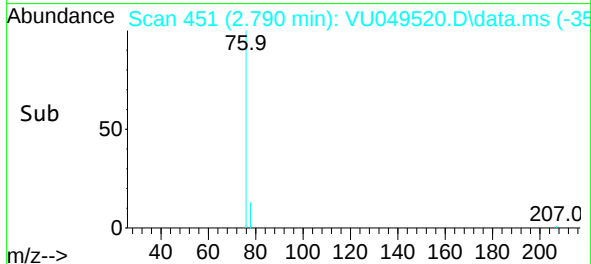
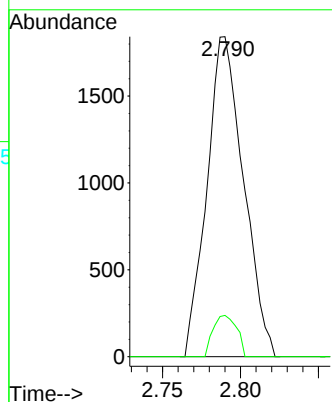


#17
Carbon Disulfide
Concen: 0.338 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW14911-350-352

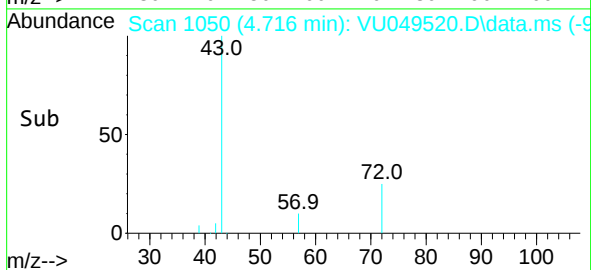
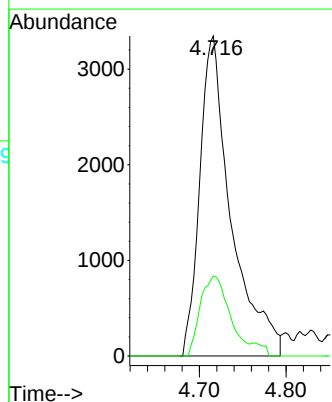
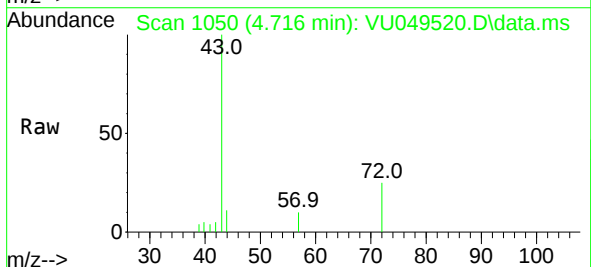


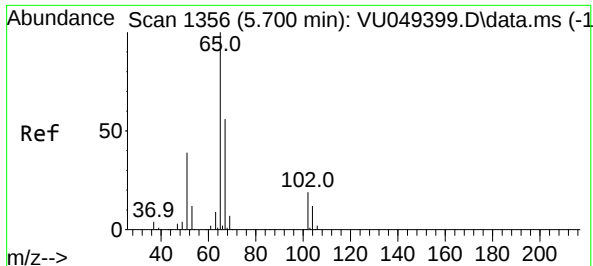
Tgt Ion: 76 Resp: 3009
Ion Ratio Lower Upper
76 100
78 12.9 7.3 10.9#



#25
2-Butanone
Concen: 2.753 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

Tgt Ion: 43 Resp: 8417
Ion Ratio Lower Upper
43 100
72 25.0 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 45.133 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049520.D

Acq: 29 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

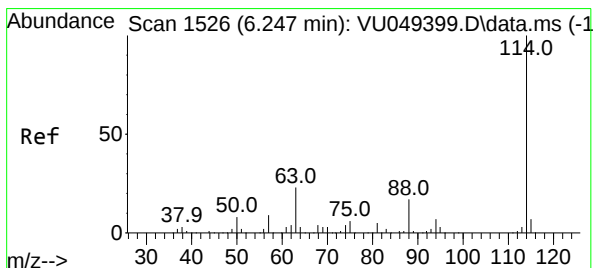
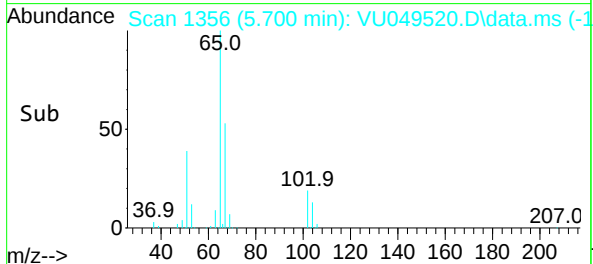
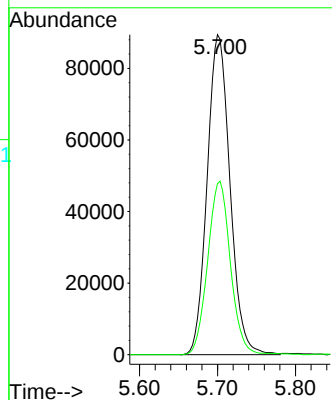
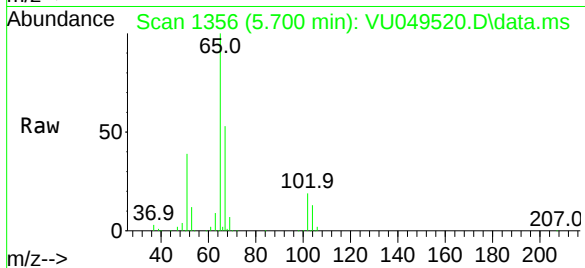
BP-TT-MW14911-350-352

Tgt Ion: 65 Resp: 182554

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049520.D

Acq: 29 Jun 2022 17:54

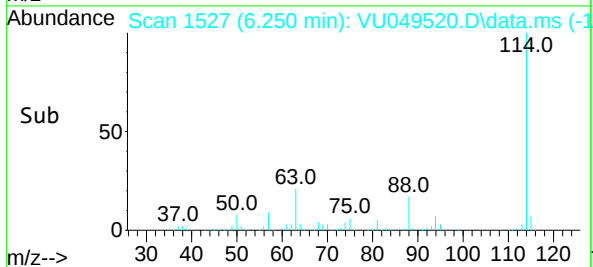
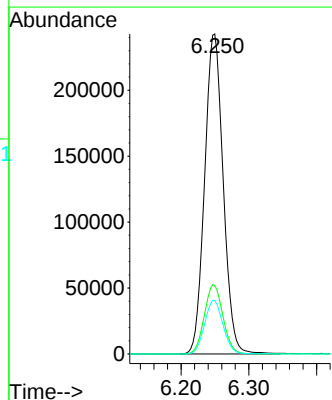
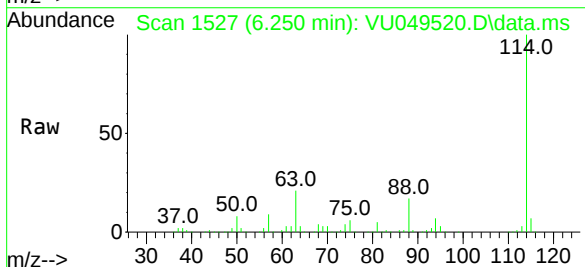
Tgt Ion: 114 Resp: 461968

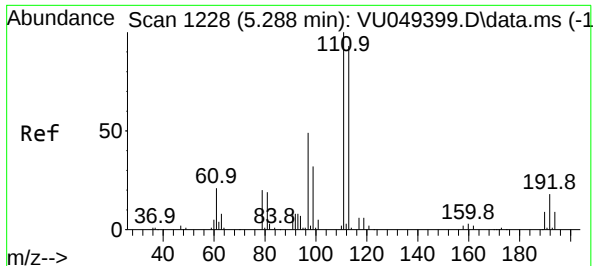
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.8 0.0 29.2

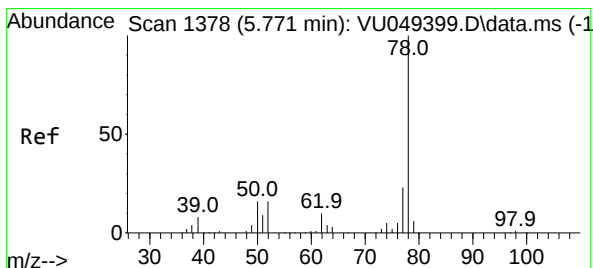
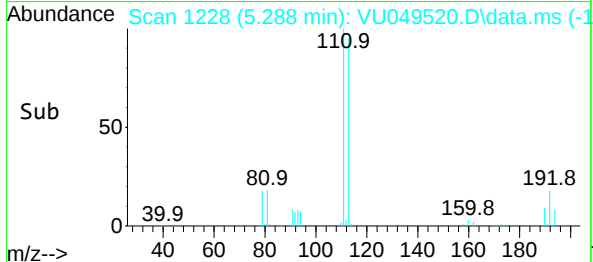
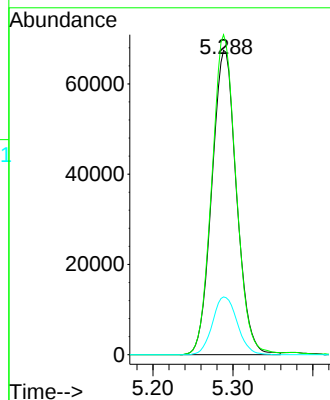
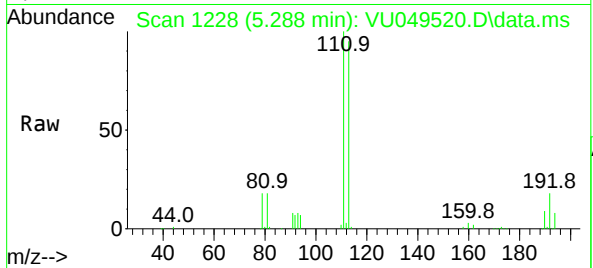




#35
Dibromofluoromethane
Concen: 44.660 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

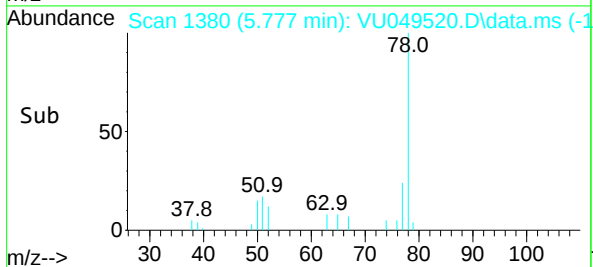
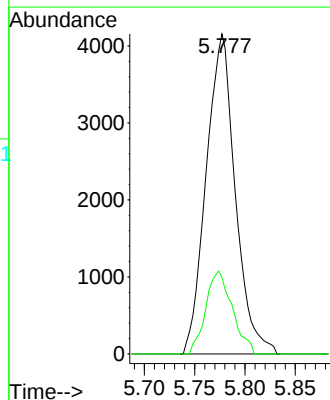
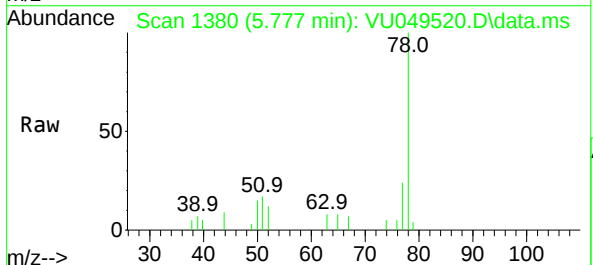
Instrument :
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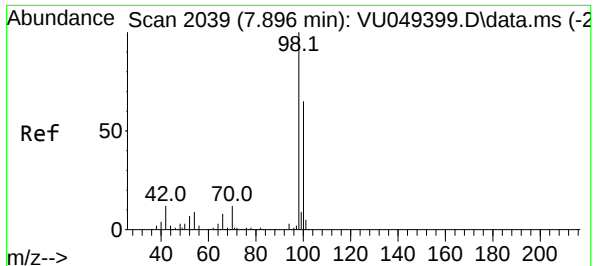
Tgt Ion:113 Resp: 144342
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 19.0 18.0 27.0



#40
Benzene
Concen: 0.591 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.006 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

Tgt Ion: 78 Resp: 8358
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

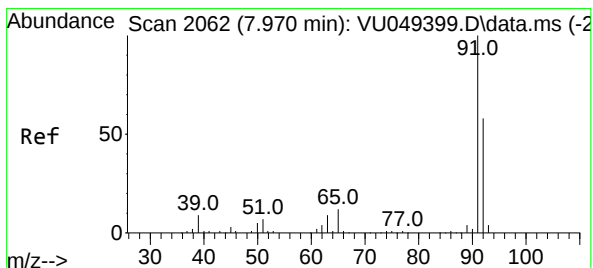
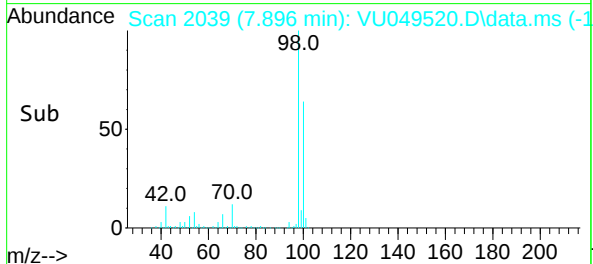
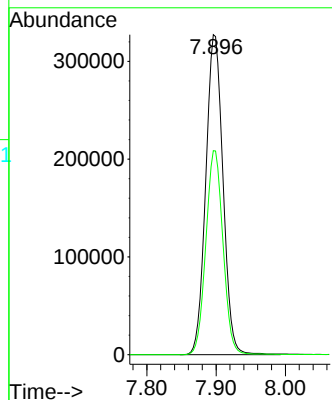
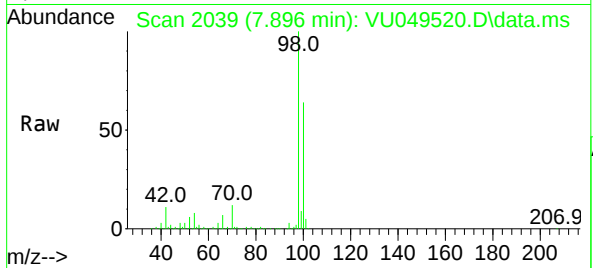




#50
Toluene-d8
Concen: 48.876 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

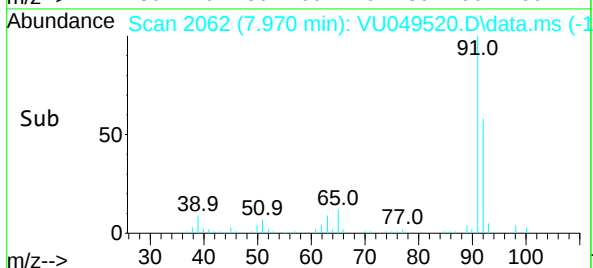
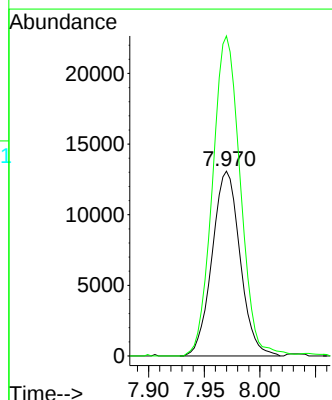
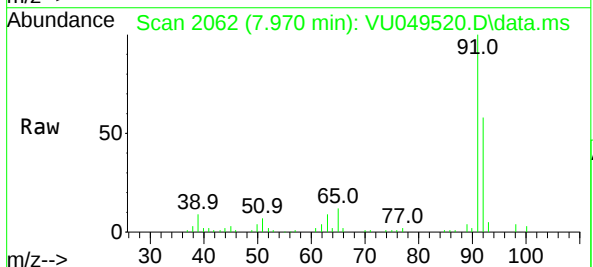
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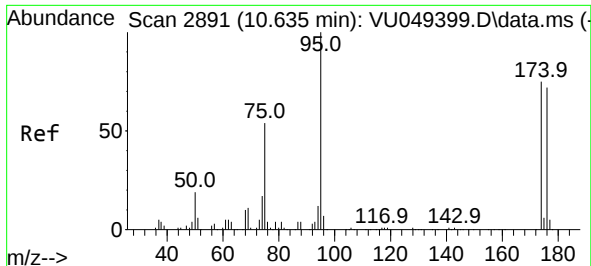
Tgt Ion: 98 Resp: 563434
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#52
Toluene
Concen: 2.715 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

Tgt Ion: 92 Resp: 22836
Ion Ratio Lower Upper
92 100
91 172.3 138.2 207.4

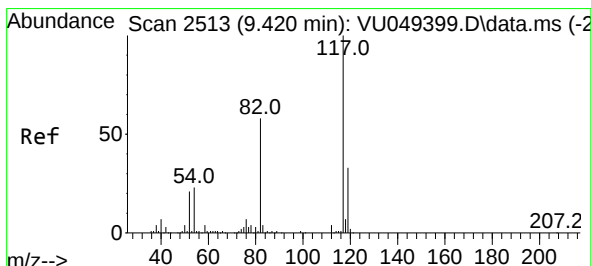
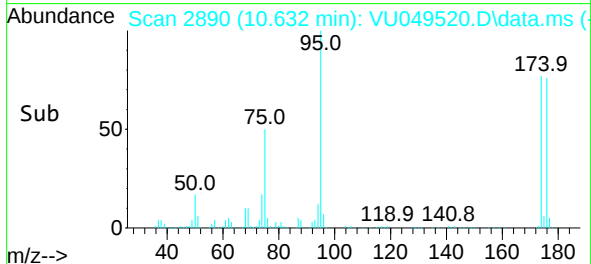
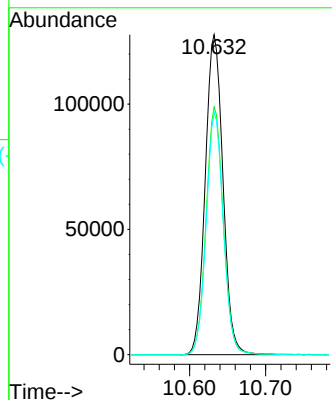
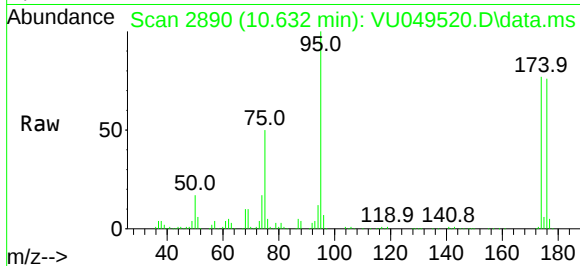




#62
4-Bromofluorobenzene
Concen: 46.825 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

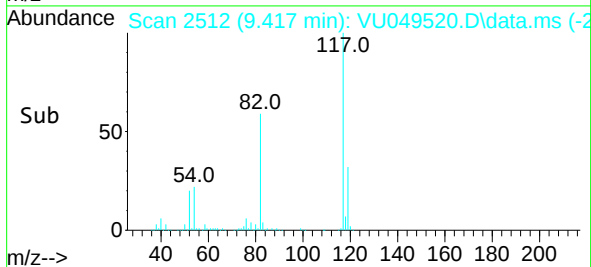
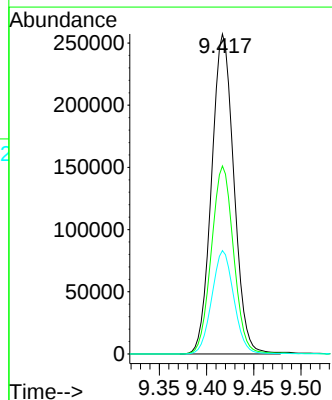
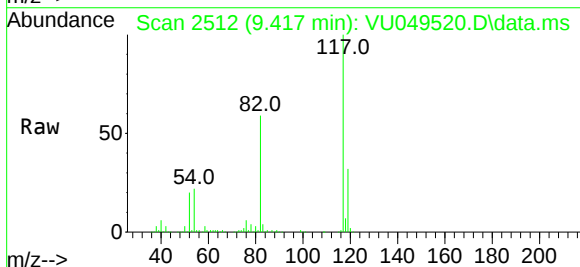
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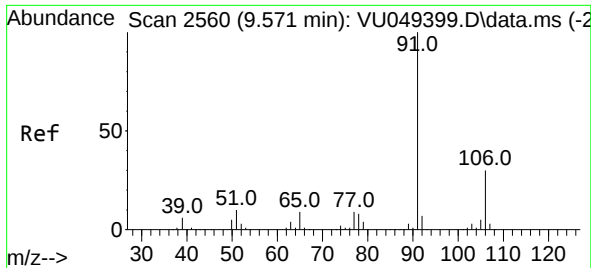
Tgt Ion: 95 Resp: 206775
Ion Ratio Lower Upper
95 100
174 75.5 0.0 182.0
176 73.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

Tgt Ion: 117 Resp: 422529
Ion Ratio Lower Upper
117 100
82 58.7 41.7 62.5
119 32.3 25.7 38.5





#67

Ethyl Benzene

Concen: 0.468 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049520.D

Acq: 29 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

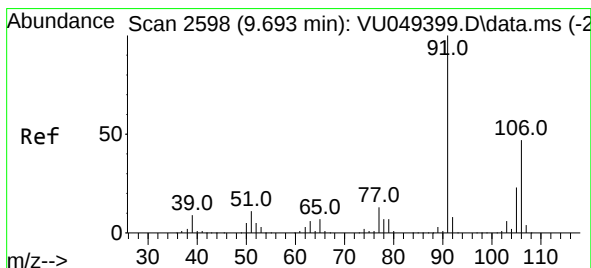
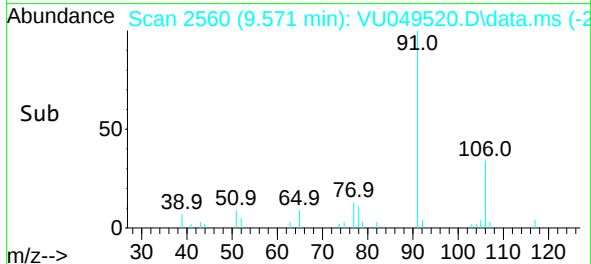
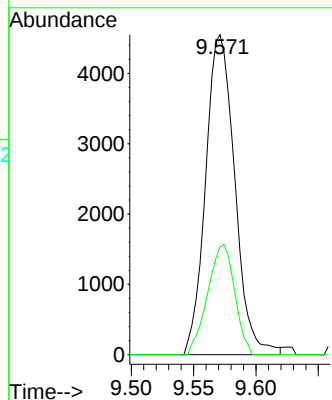
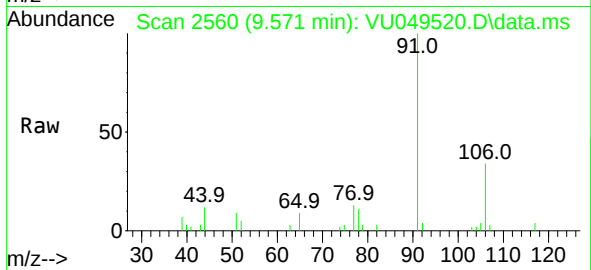
BP-TT-MW14911-350-352

Tgt Ion: 91 Resp: 7423

Ion Ratio Lower Upper

91 100

106 33.7 25.6 38.4



#68

m/p-Xylenes

Concen: 1.647 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049520.D

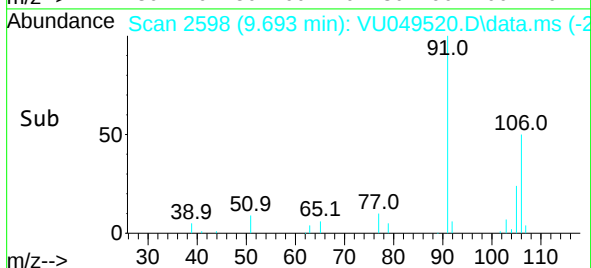
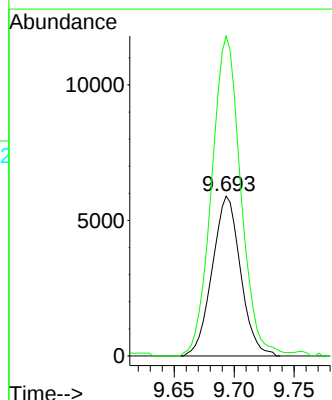
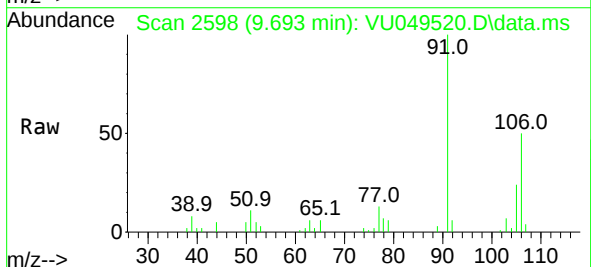
Acq: 29 Jun 2022 17:54

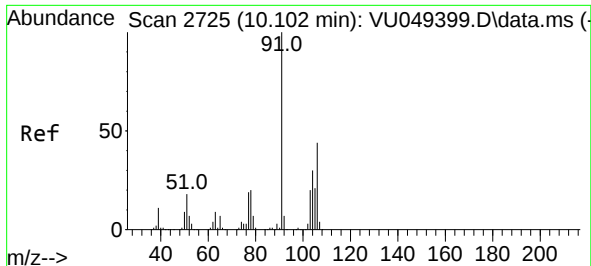
Tgt Ion:106 Resp: 9664

Ion Ratio Lower Upper

106 100

91 206.6 157.2 235.8

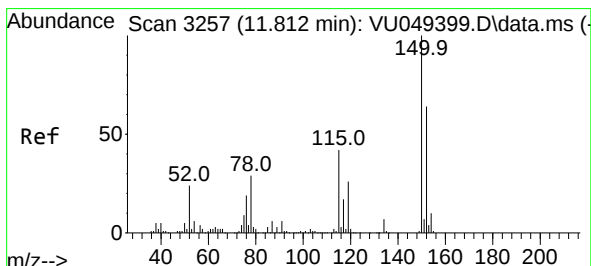
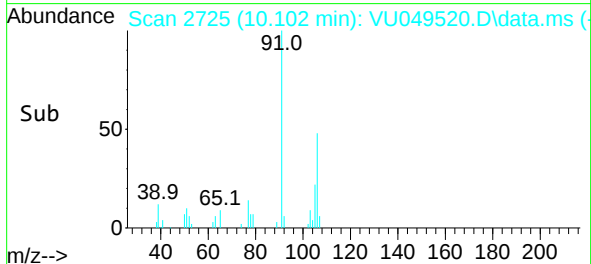
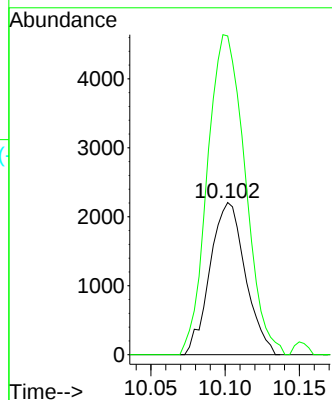
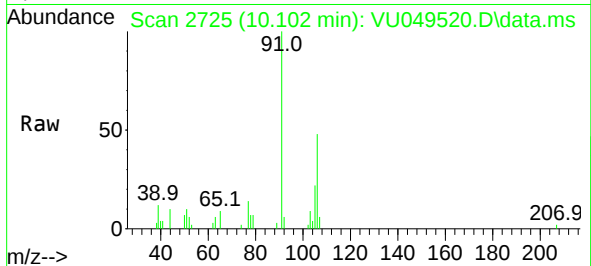




#69
o-Xylene
Concen: 0.626 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

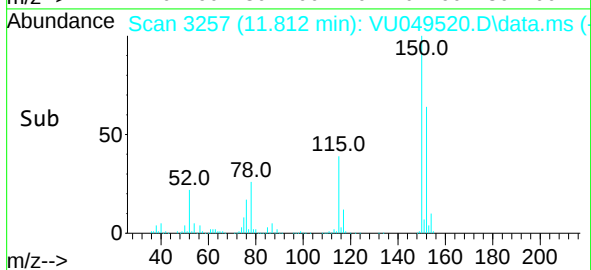
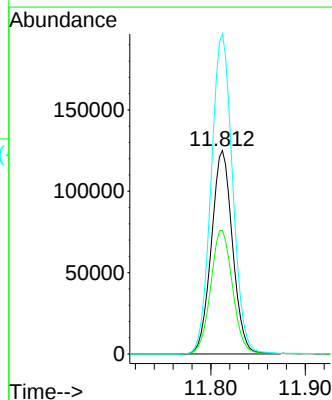
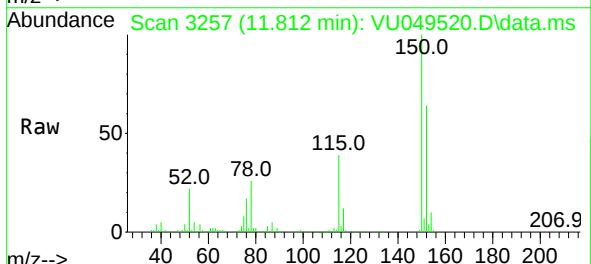
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW14911-350-352

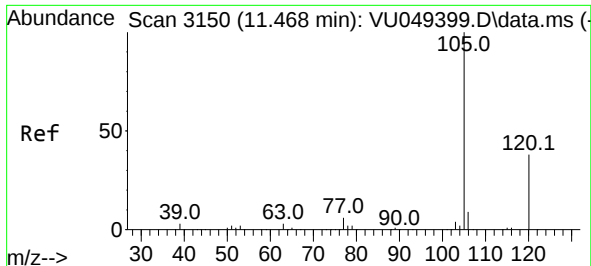
Tgt Ion:106 Resp: 3647
Ion Ratio Lower Upper
106 100
91 224.2 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

Tgt Ion:152 Resp: 194717
Ion Ratio Lower Upper
152 100
115 62.9 37.0 110.9
150 159.0 0.0 342.2

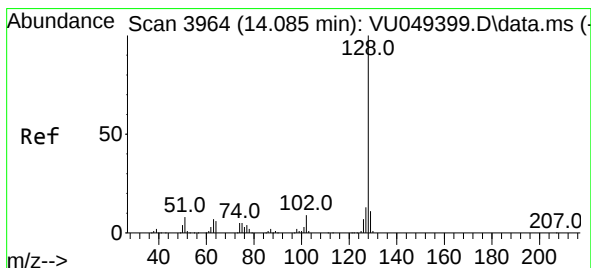
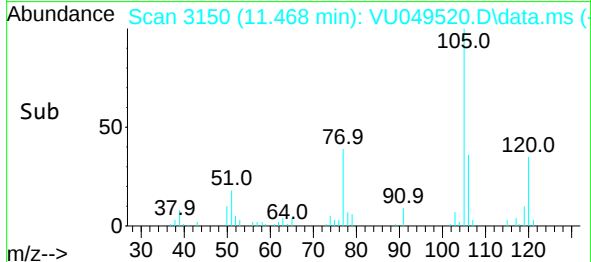
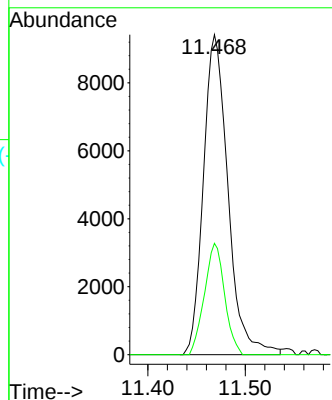
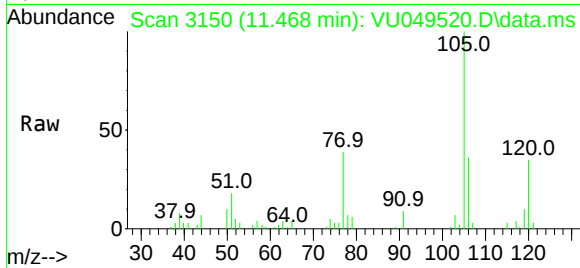




#84
1,2,4-Trimethylbenzene
Concen: 1.386 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW14911-350-352

Tgt Ion:105 Resp: 16494
Ion Ratio Lower Upper
105 100
120 28.5 23.4 70.3



#95
Naphthalene
Concen: 4.257 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049520.D
Acq: 29 Jun 2022 17:54

Tgt Ion:128 Resp: 39813
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.4 8.6 13.0

