

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049412.D
 Acq On : 27 Jun 2022 18:41
 Operator : SY/MD
 Sample : N3431-13
 Misc : 5.07g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-4

Quant Time: Jun 27 19:09:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 14:37:12 2022
 Response via : Initial Calibration

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

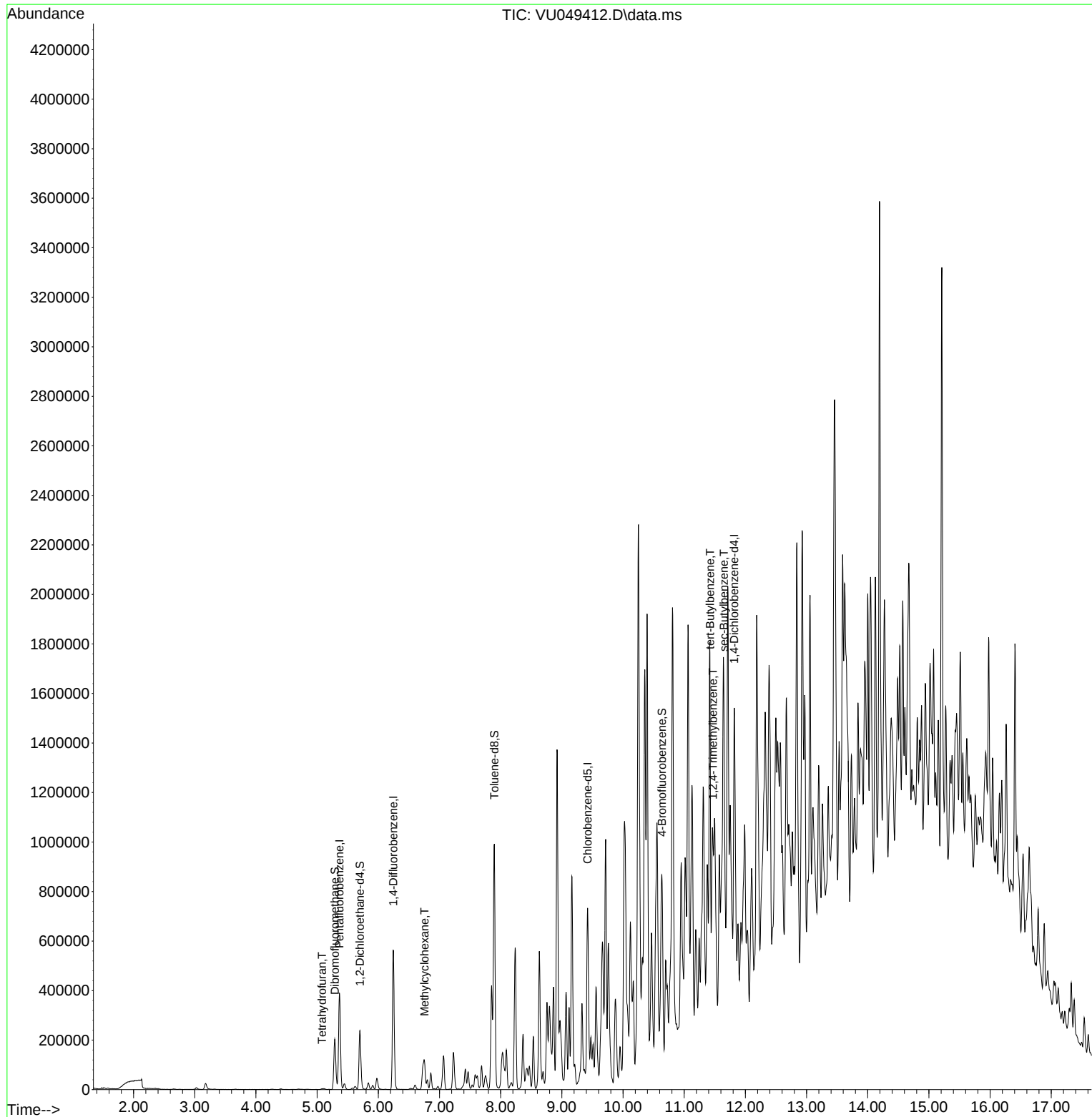
Internal Standards						
1) Pentafluorobenzene	5.365	168	276564	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.246	114	481188	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	446516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	207205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	190351	44.691	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.380%
35) Dibromofluoromethane	5.288	113	147831	43.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.820%
50) Toluene-d8	7.896	98	595489	49.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.180%
62) 4-Bromofluorobenzene	10.639	95	244746	53.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.420%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	5.079	42	2450	1.109	ug/l	# 81
39) Methylcyclohexane	6.755	83	59786	10.218	ug/l	93
83) tert-Butylbenzene	11.423	119	19736	1.557	ug/l	83
84) 1,2,4-Trimethylbenzene	11.471	105	10411	0.822	ug/l	84
85) sec-Butylbenzene	11.648	105	24615	1.545	ug/l	93

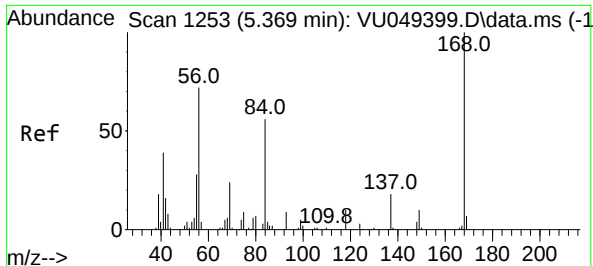
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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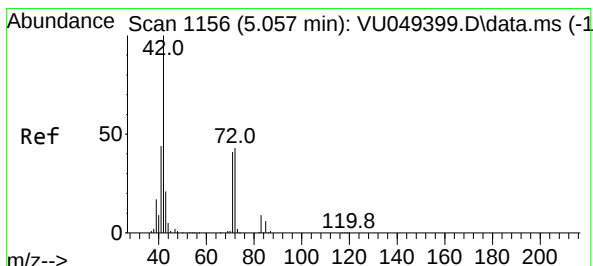
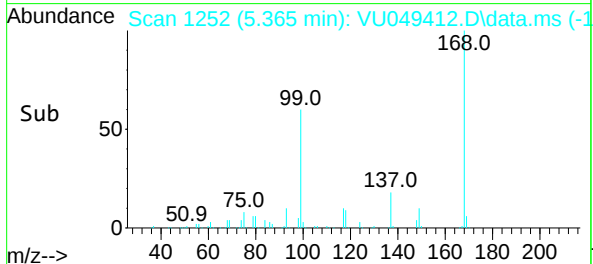
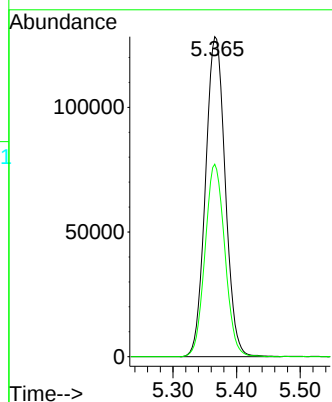
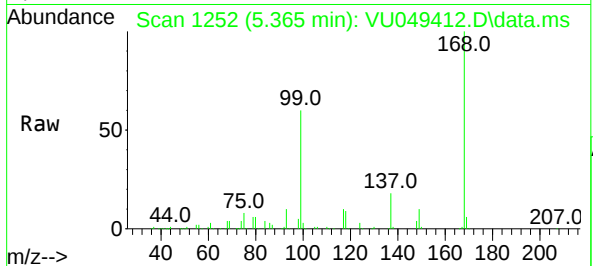




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.365 min Scan# 1163
Delta R.T. -0.010 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

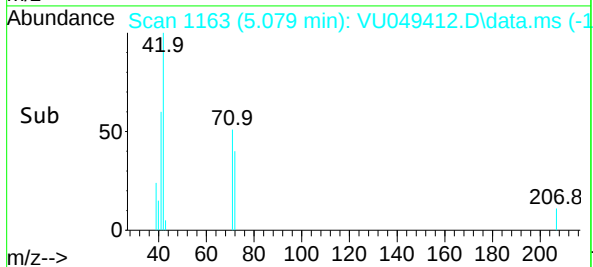
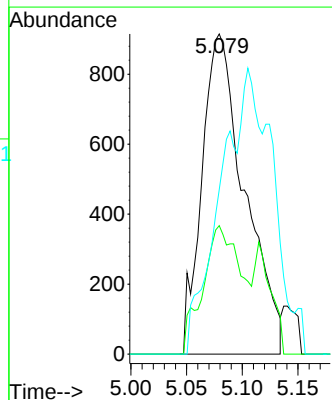
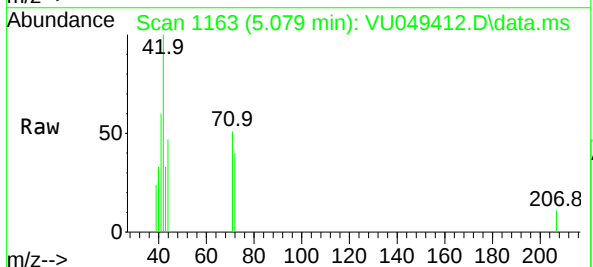
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-4

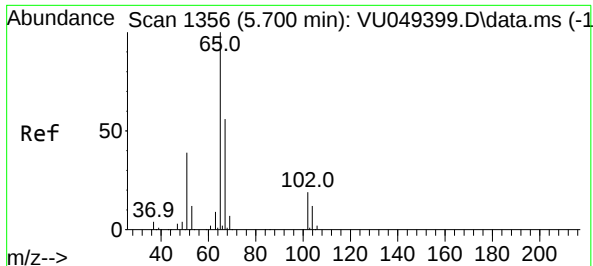
Tgt Ion:168 Resp: 276564
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9#



#29
Tetrahydrofuran
Concen: 1.109 ug/l
RT: 5.079 min Scan# 1163
Delta R.T. 0.016 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

Tgt Ion: 42 Resp: 2450
Ion Ratio Lower Upper
42 100
72 35.9 42.6 63.8#
71 41.8 40.3 60.5





#33

1,2-Dichloroethane-d4

Concen: 44.691 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU049412.D

Acq: 27 Jun 2022 18:41

Instrument :

MSVOA_U

ClientSampleId :

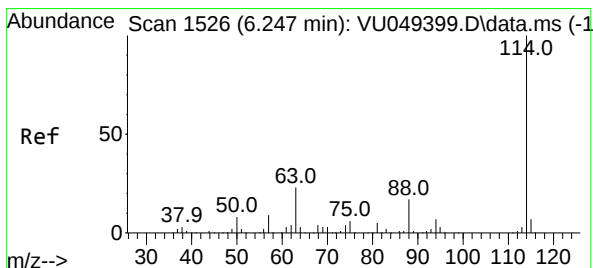
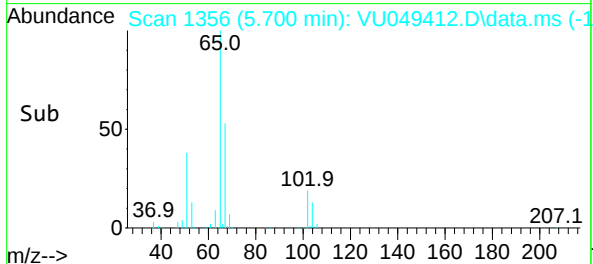
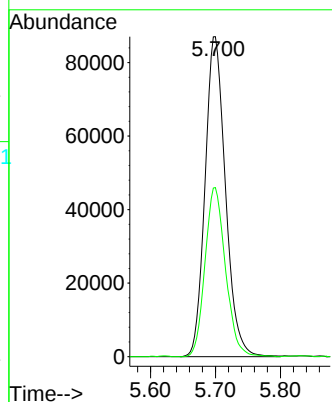
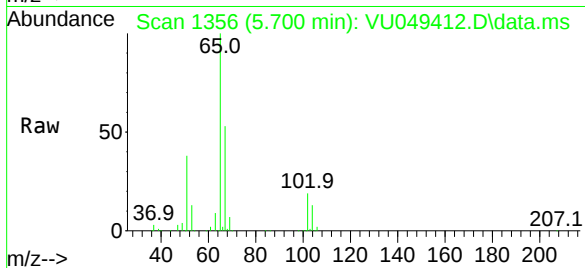
WC-14B-2-4

Tgt Ion: 65 Resp: 190351

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.246 min Scan# 1526

Delta R.T. -0.007 min

Lab File: VU049412.D

Acq: 27 Jun 2022 18:41

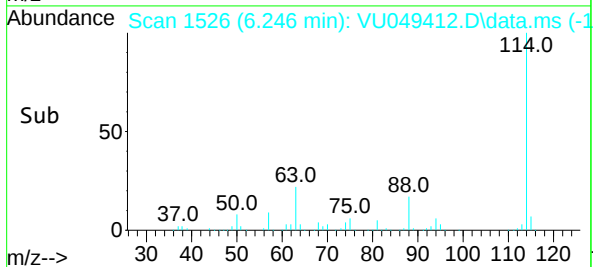
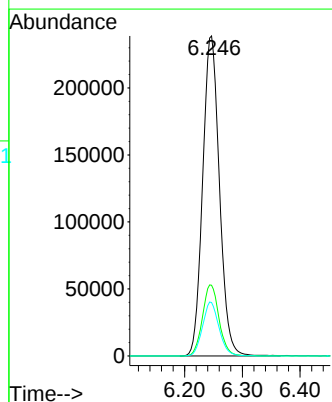
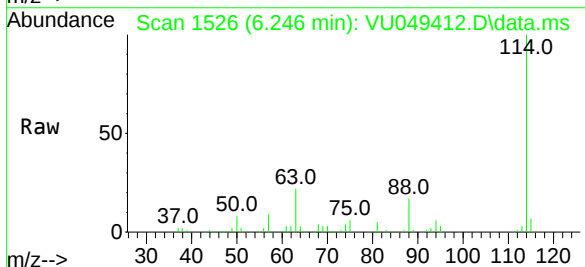
Tgt Ion: 114 Resp: 481188

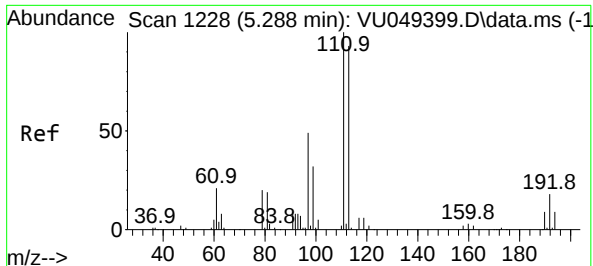
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.7 0.0 29.2

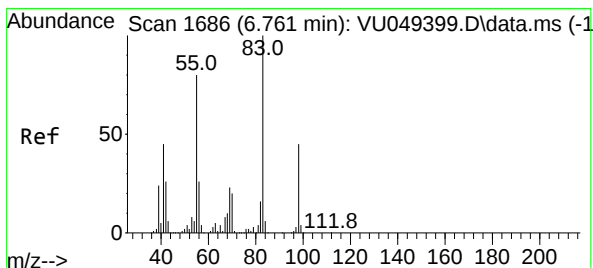
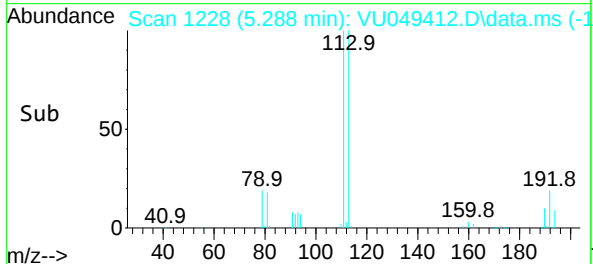
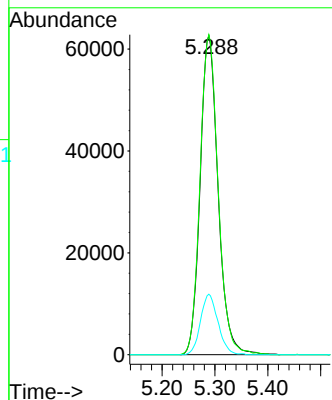
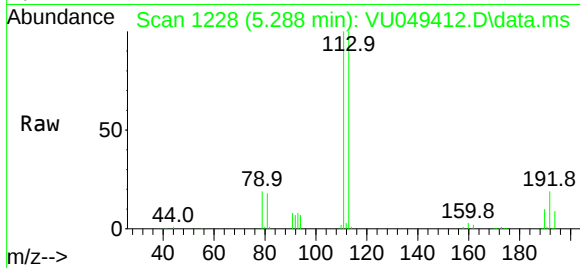




#35
Dibromofluoromethane
Concen: 43.912 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

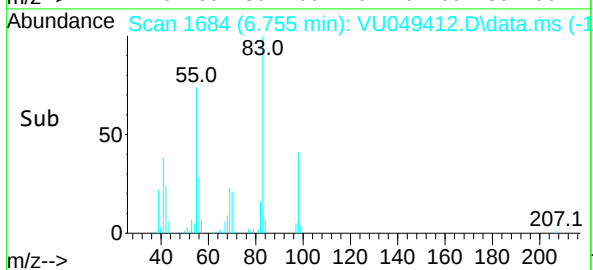
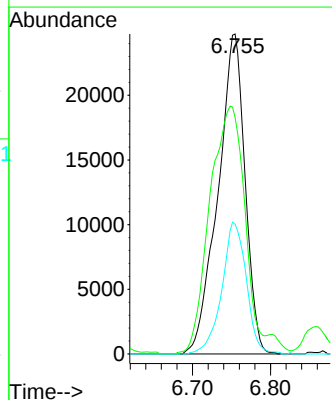
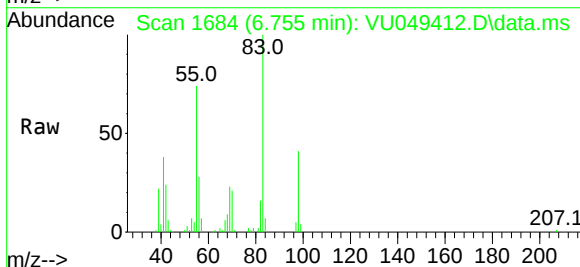
Instrument :
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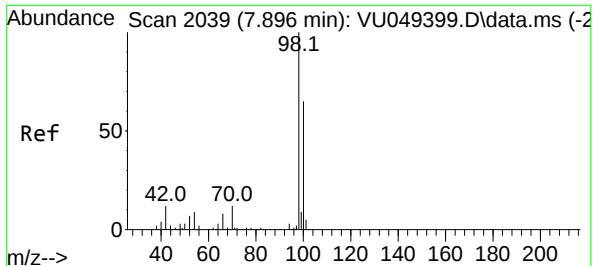
Tgt Ion:113 Resp: 147831
Ion Ratio Lower Upper
113 100
111 100.9 82.1 123.1
192 18.4 18.0 27.0



#39
Methylcyclohexane
Concen: 10.218 ug/l
RT: 6.755 min Scan# 1684
Delta R.T. -0.013 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

Tgt Ion: 83 Resp: 59786
Ion Ratio Lower Upper
83 100
55 73.4 55.3 82.9
98 40.6 37.3 55.9

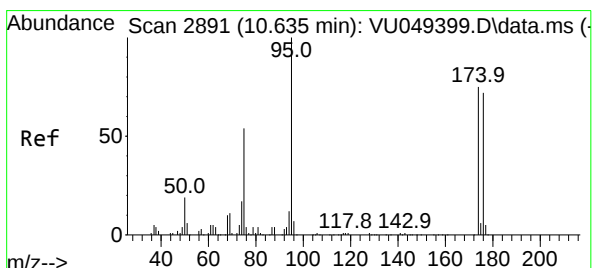
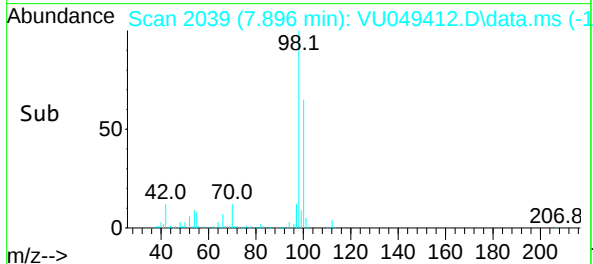
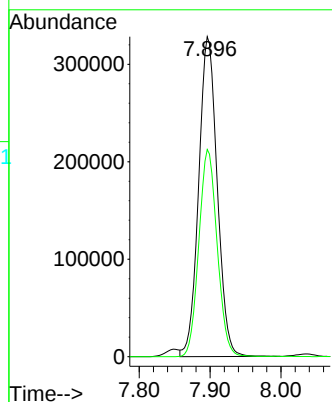
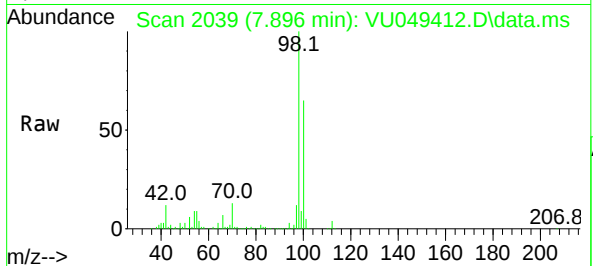




#50
Toluene-d8
Concen: 49.593 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

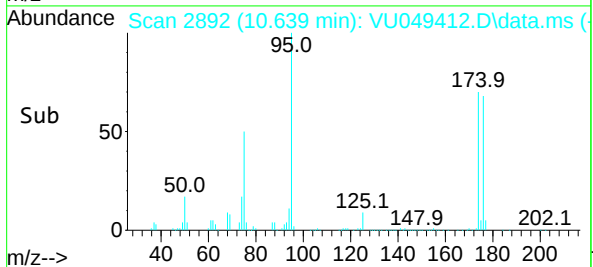
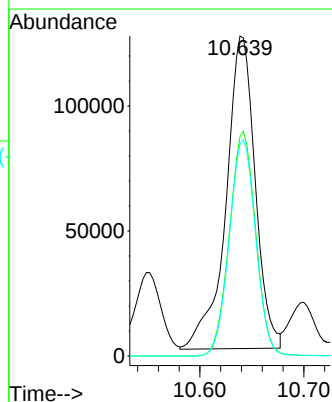
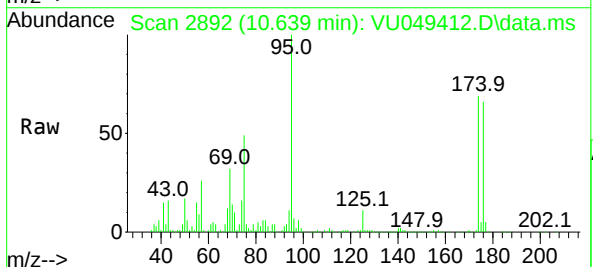
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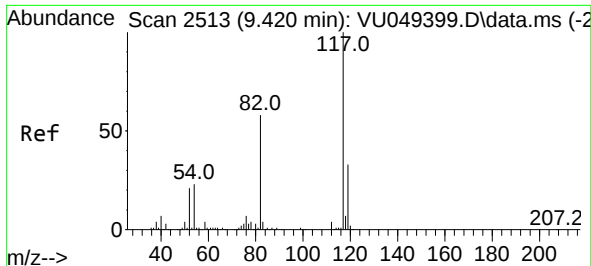
Tgt Ion: 98 Resp: 595489
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.210 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.006 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

Tgt Ion: 95 Resp: 244746
Ion Ratio Lower Upper
95 100
174 64.6 0.0 182.0
176 62.2 0.0 177.8

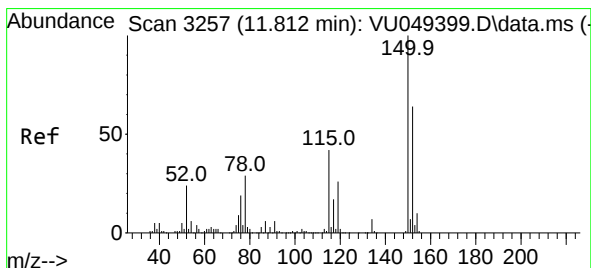
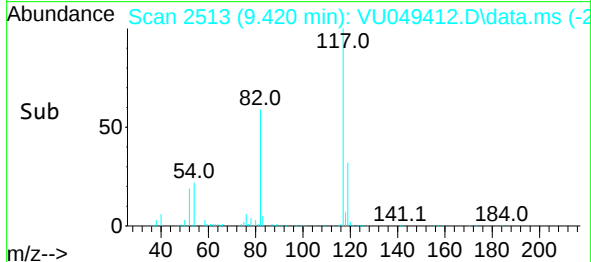
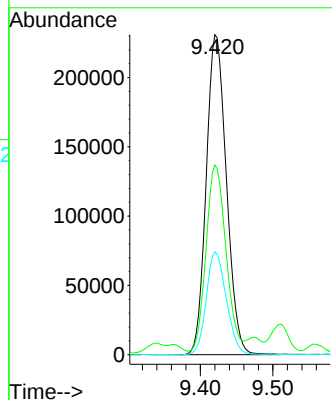
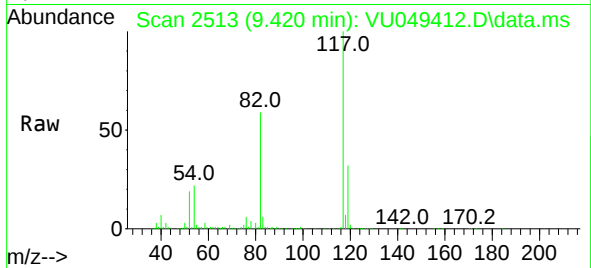




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

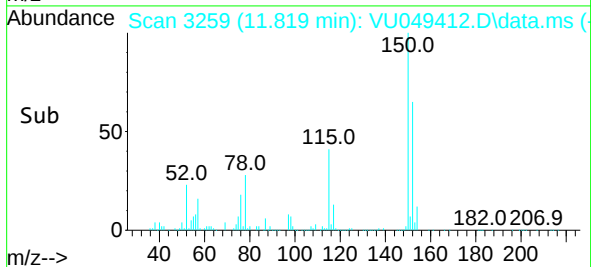
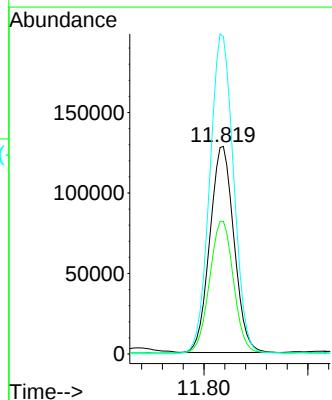
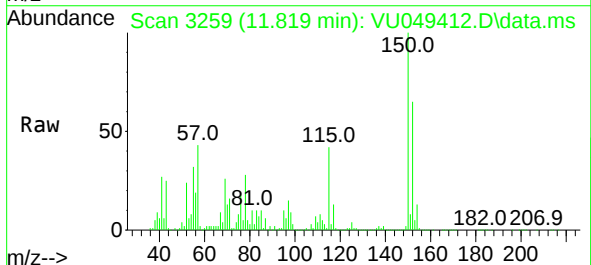
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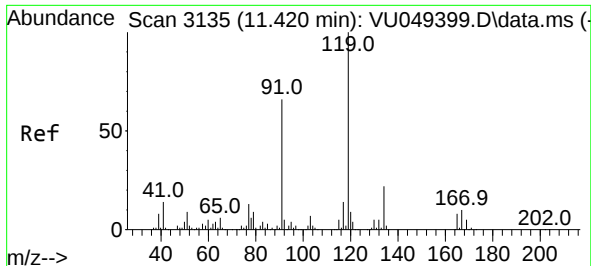
Tgt Ion:117 Resp: 446516
Ion Ratio Lower Upper
117 100
82 56.9 41.7 62.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.006 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

Tgt Ion:152 Resp: 207205
Ion Ratio Lower Upper
152 100
115 63.1 37.0 110.9
150 153.4 0.0 342.2

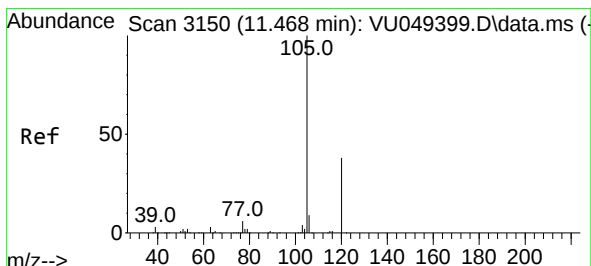
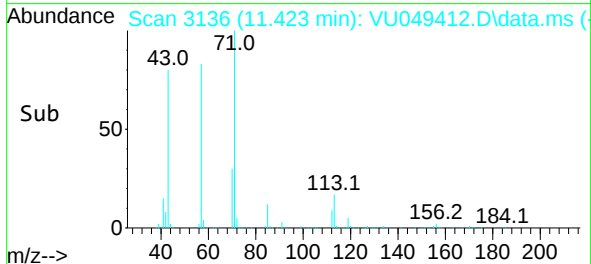
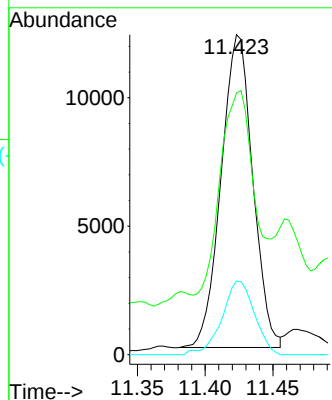
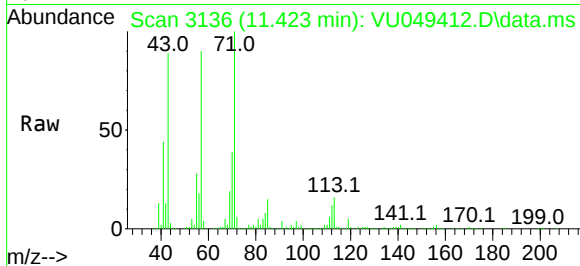




#83
tert-Butylbenzene
Concen: 1.557 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

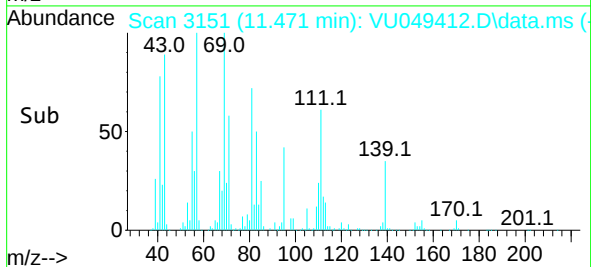
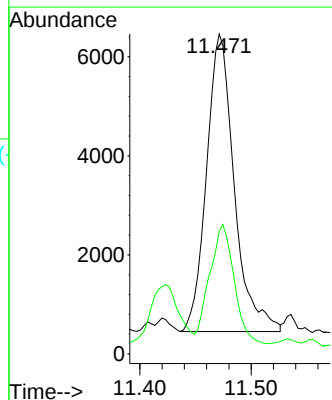
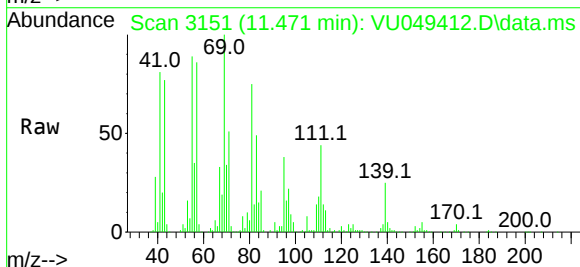
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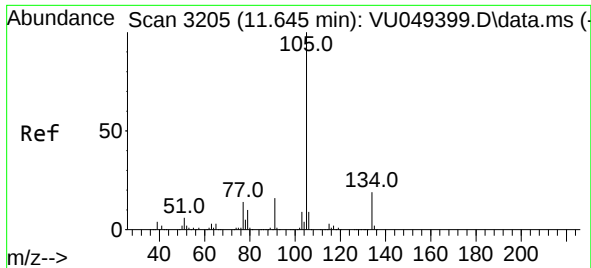
Tgt Ion:119 Resp: 19736
Ion Ratio Lower Upper
119 100
91 70.2 26.8 80.3
134 24.1 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 0.822 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049412.D
Acq: 27 Jun 2022 18:41

Tgt Ion:105 Resp: 10411
Ion Ratio Lower Upper
105 100
120 36.2 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 1.545 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU049412.D
 Acq: 27 Jun 2022 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-4

Tgt Ion:105 Resp: 24615
 Ion Ratio Lower Upper
 105 100
 134 17.7 10.4 31.1

