

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049594.D
 Acq On : 01 Jul 2022 20:08
 Operator : SY/MD
 Sample : N3564-09 10X
 Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-11-2-GR

Quant Time: Jul 04 06:50:00 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)

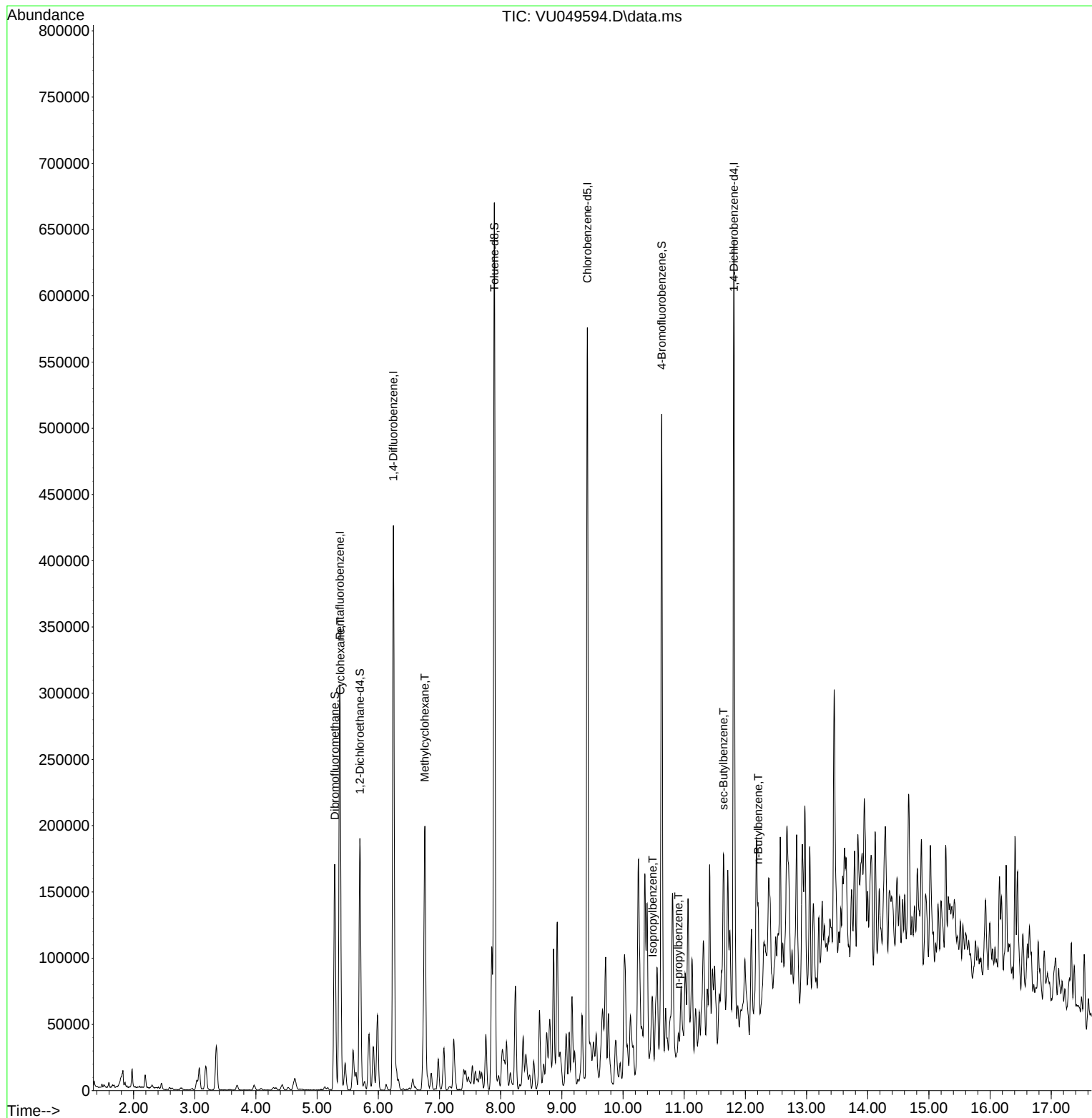
Internal Standards						
1) Pentafluorobenzene	5.372	168	192776	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	339128	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	305567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	149627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	141542	47.675	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.360%		
35) Dibromofluoromethane	5.288	113	108621	45.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.560%		
50) Toluene-d8	7.896	98	417463	49.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.660%		
62) 4-Bromofluorobenzene	10.632	95	154613	47.695	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.380%		
Target Compounds						
					Qvalue	
31) Cyclohexane	5.379	56	17302	3.881	ug/l	# 82
39) Methylcyclohexane	6.761	83	82801	20.080	ug/l	90
73) Isopropylbenzene	10.484	105	21234	1.992	ug/l	98
78) n-propylbenzene	10.906	91	14553	1.124	ug/l	97
85) sec-Butylbenzene	11.642	105	22678	1.971	ug/l	95
89) n-Butylbenzene	12.211	91	15939	1.850	ug/l	96

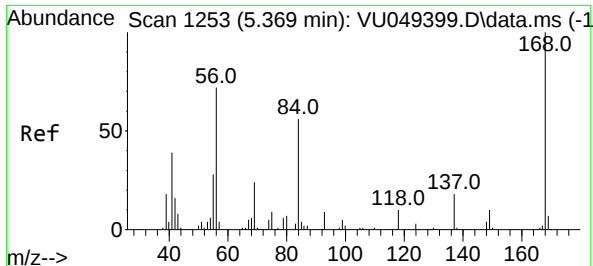
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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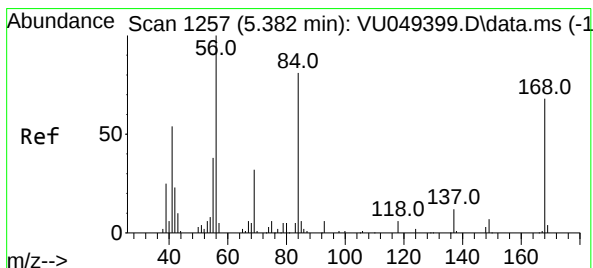
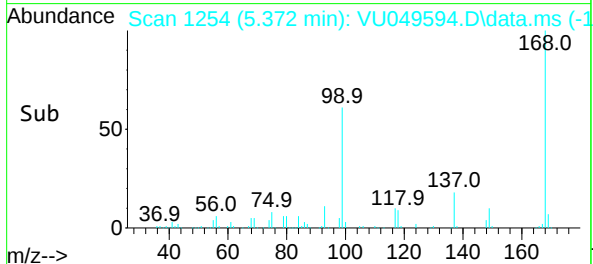
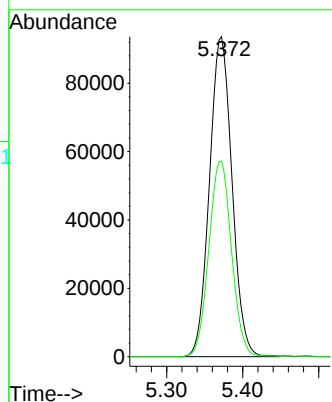
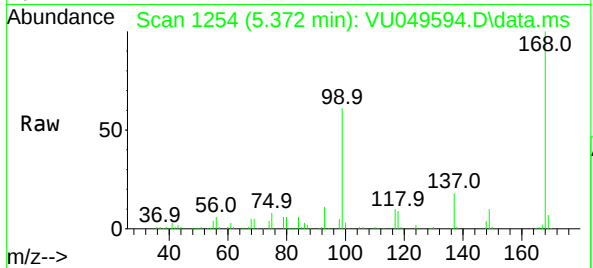




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049594.D
Acq: 01 Jul 2022 20:08

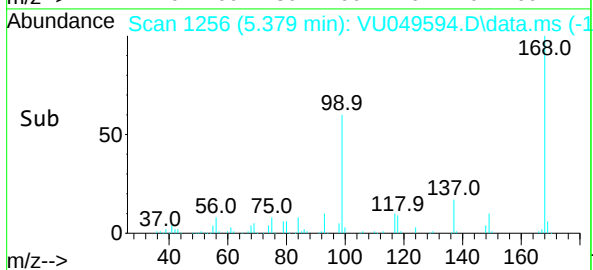
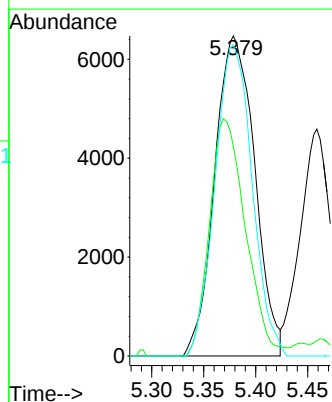
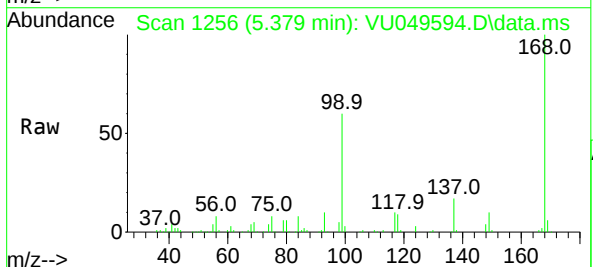
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-2-GR

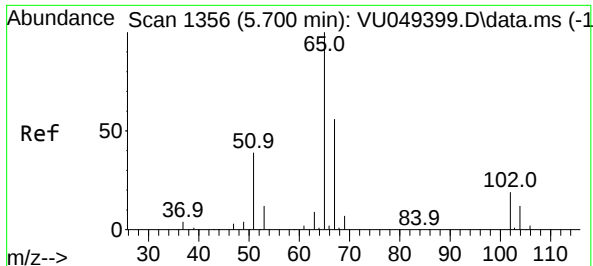
Tgt Ion:168 Resp: 192776
Ion Ratio Lower Upper
168 100
99 61.1 39.3 58.9#



#31
Cyclohexane
Concen: 3.881 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VU049594.D
Acq: 01 Jul 2022 20:08

Tgt Ion: 56 Resp: 17302
Ion Ratio Lower Upper
56 100
69 65.6 27.8 41.8#
84 97.1 74.2 111.4





#33

1,2-Dichloroethane-d4

Concen: 47.675 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049594.D

Acq: 01 Jul 2022 20:08

Instrument :

MSVOA_U

ClientSampleId :

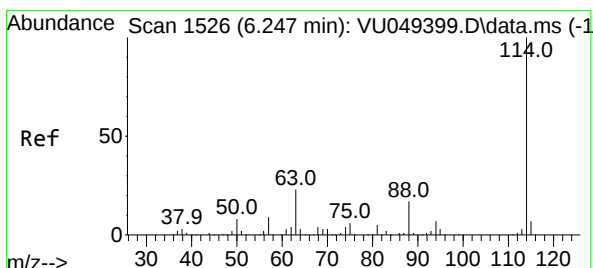
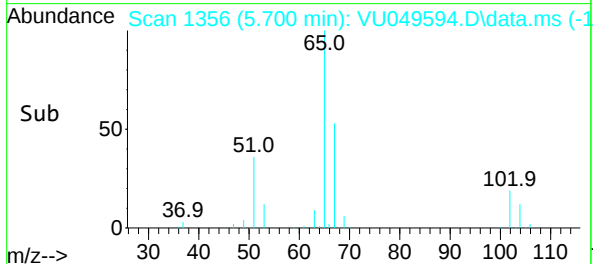
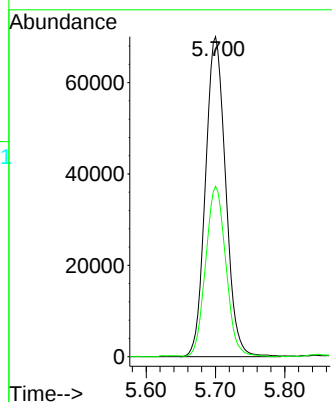
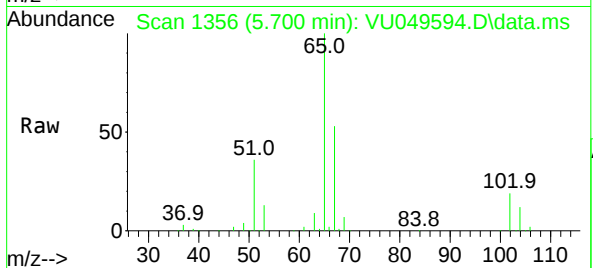
WC-14B-11-2-GR

Tgt Ion: 65 Resp: 141542

Ion Ratio Lower Upper

65 100

67 53.4 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: VU049594.D

Acq: 01 Jul 2022 20:08

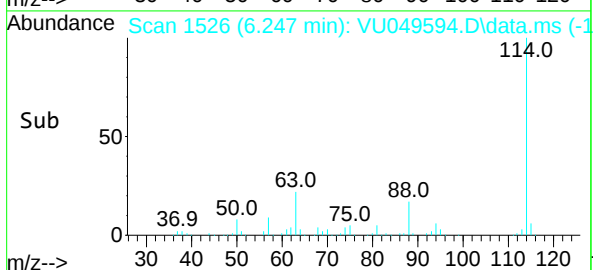
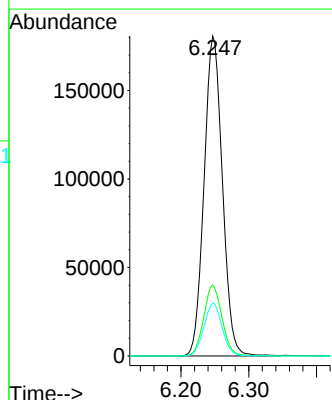
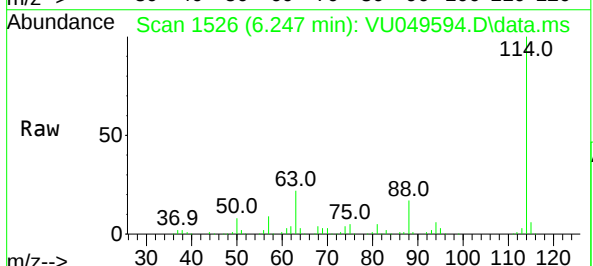
Tgt Ion: 114 Resp: 339128

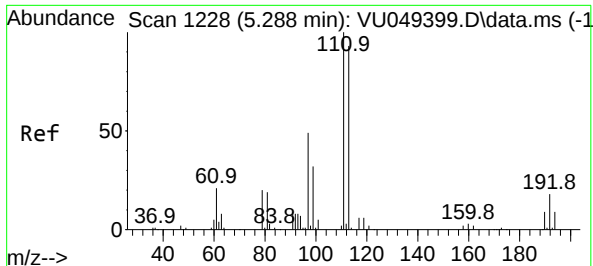
Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.8

88 16.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.781 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049594.D

Acq: 01 Jul 2022 20:08

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-11-2-GR

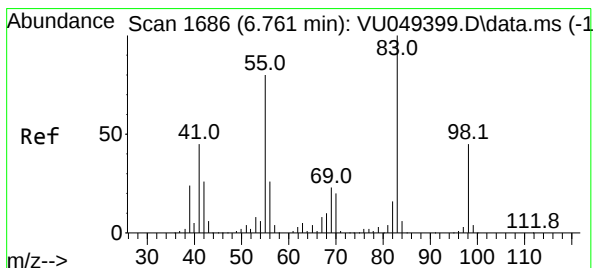
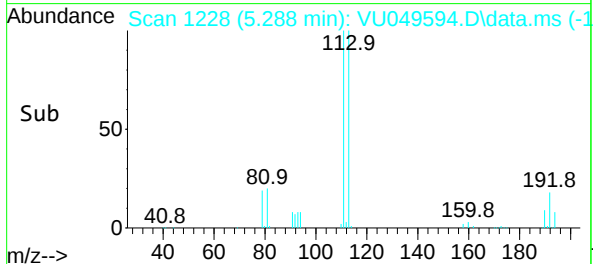
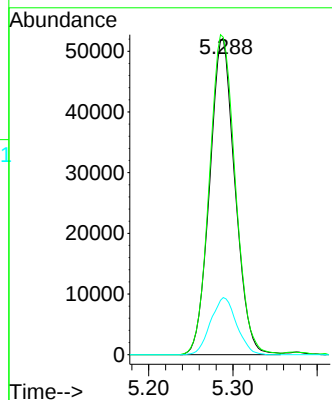
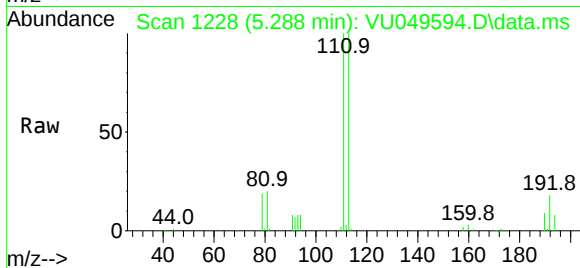
Tgt Ion:113 Resp: 108621

Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

192 18.5 18.0 27.0



#39

Methylcyclohexane

Concen: 20.080 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049594.D

Acq: 01 Jul 2022 20:08

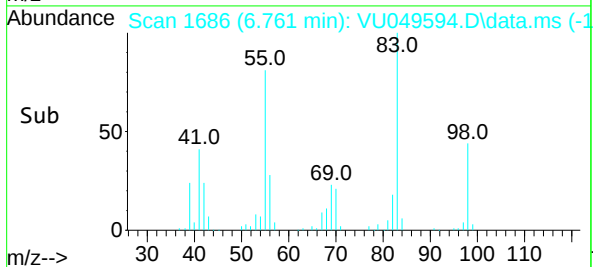
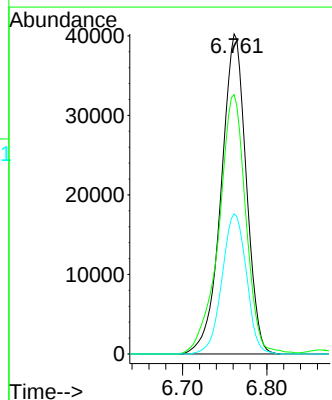
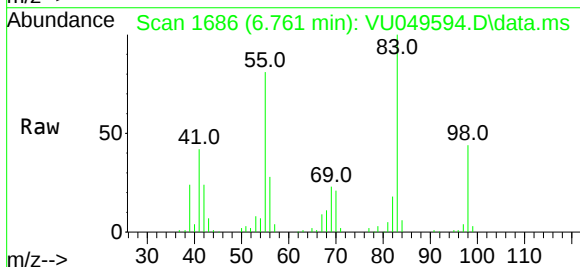
Tgt Ion: 83 Resp: 82801

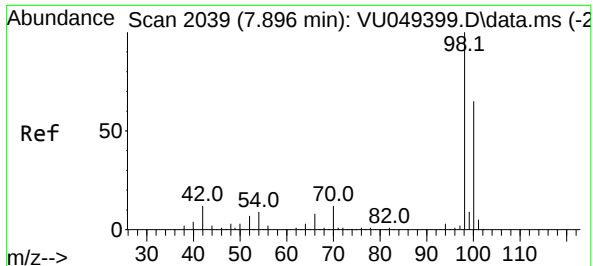
Ion Ratio Lower Upper

83 100

55 81.0 55.3 82.9

98 43.8 37.3 55.9

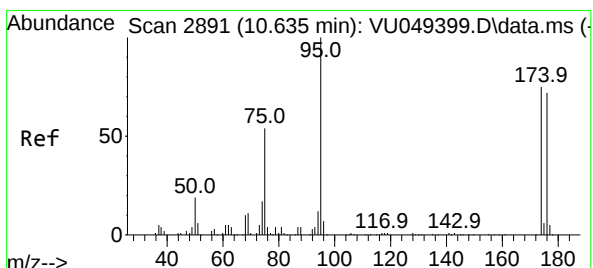
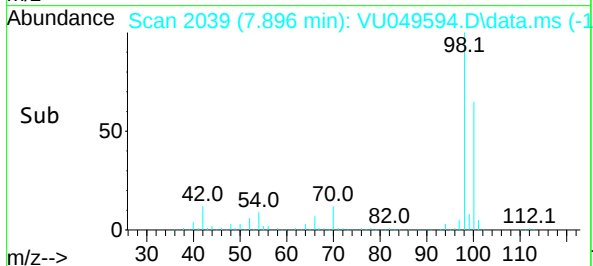
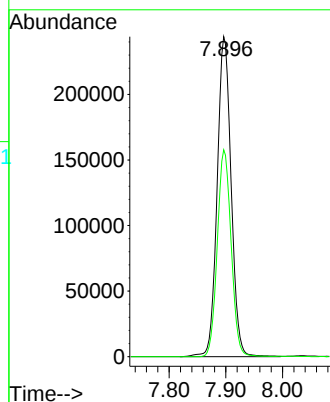
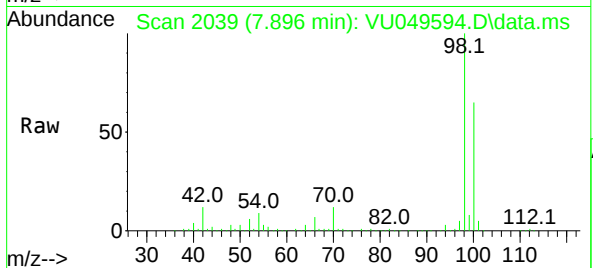




#50
Toluene-d8
Concen: 49.331 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049594.D
Acq: 01 Jul 2022 20:08

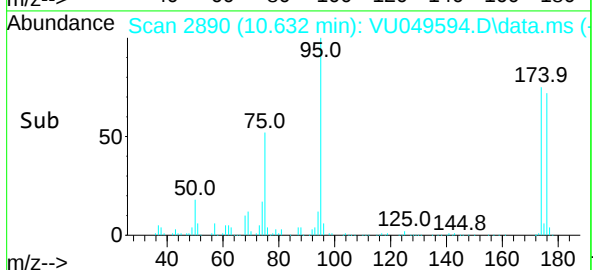
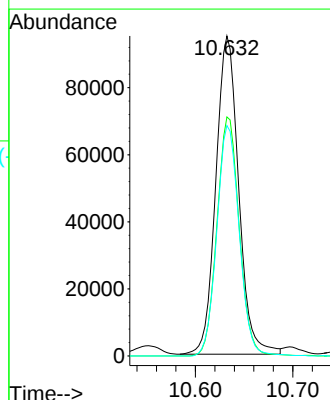
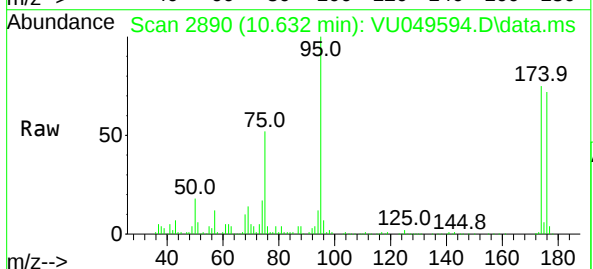
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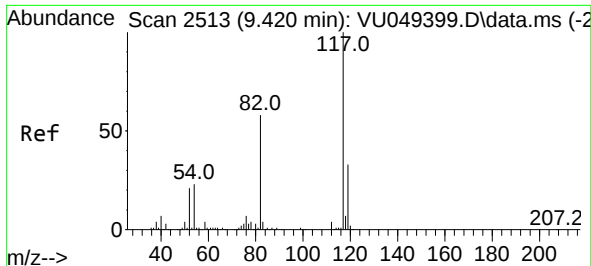
Tgt Ion: 98 Resp: 417463
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.695 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049594.D
Acq: 01 Jul 2022 20:08

Tgt Ion: 95 Resp: 154613
Ion Ratio Lower Upper
95 100
174 73.2 0.0 182.0
176 70.9 0.0 177.8

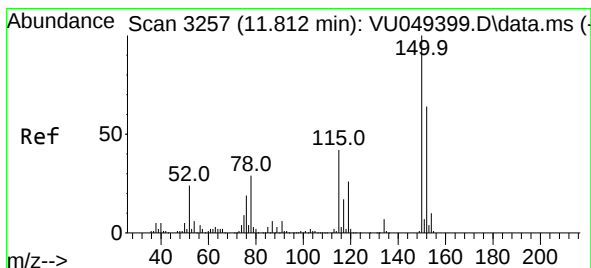
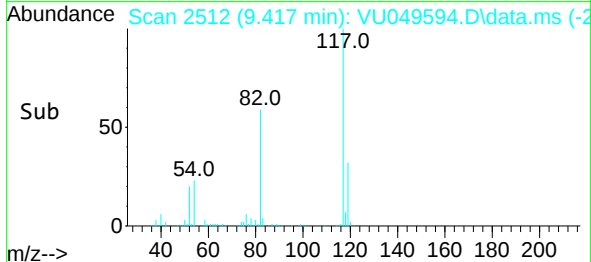
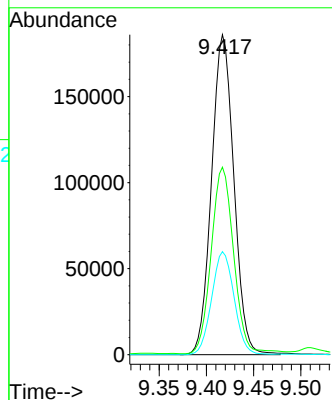
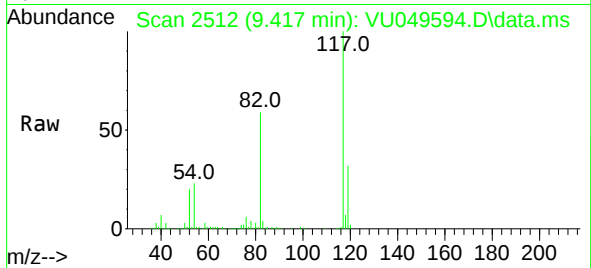




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049594.D
Acq: 01 Jul 2022 20:08

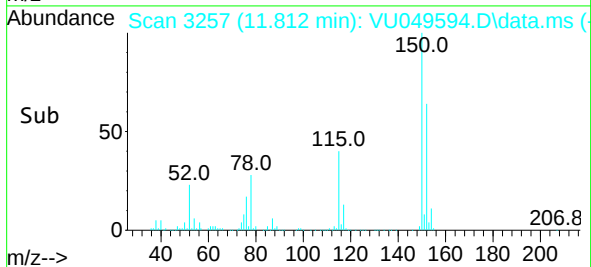
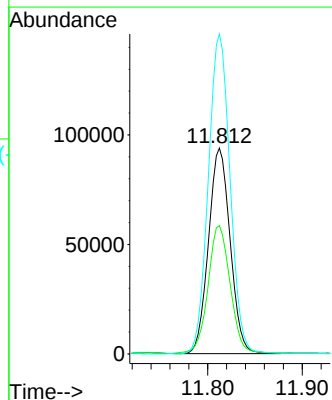
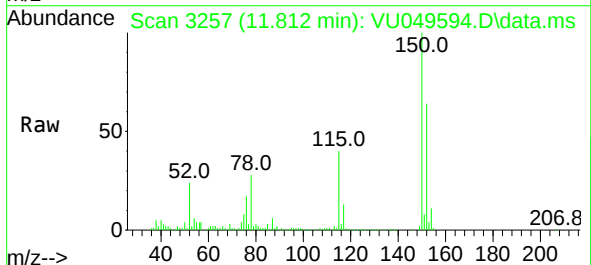
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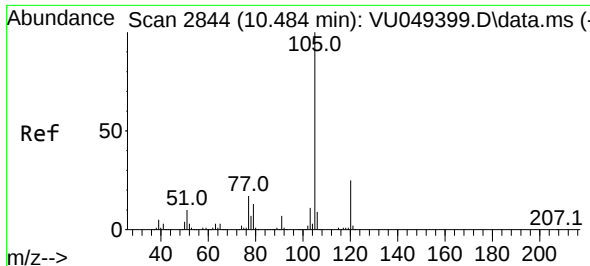
Tgt Ion:117 Resp: 305567
Ion Ratio Lower Upper
117 100
82 58.3 41.7 62.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049594.D
Acq: 01 Jul 2022 20:08

Tgt Ion:152 Resp: 149627
Ion Ratio Lower Upper
152 100
115 63.5 37.0 110.9
150 155.9 0.0 342.2

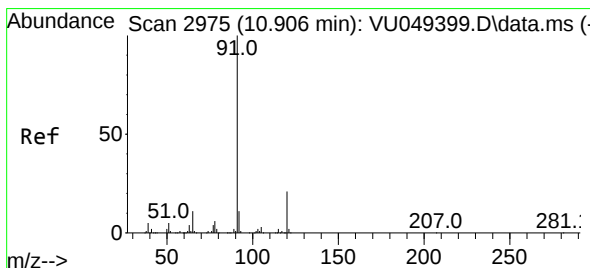
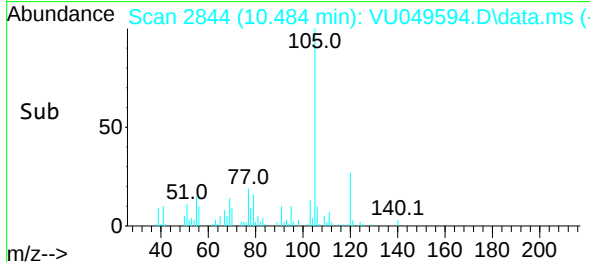
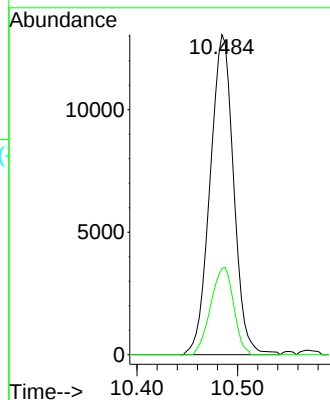
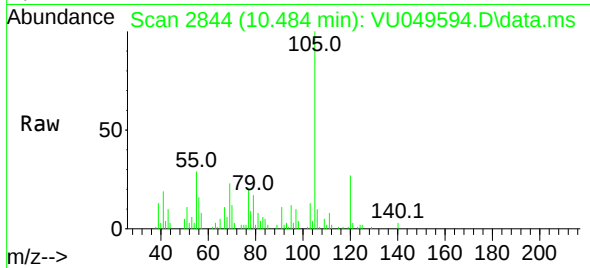




#73
Isopropylbenzene
Concen: 1.992 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049594.D
Acq: 01 Jul 2022 20:08

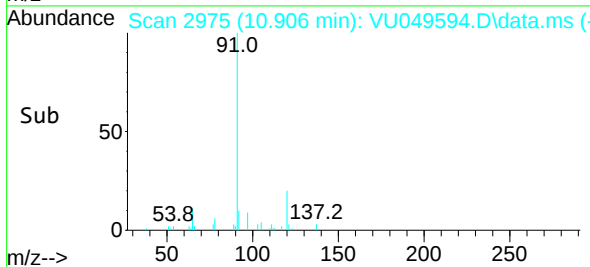
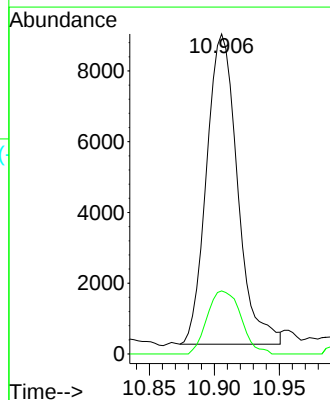
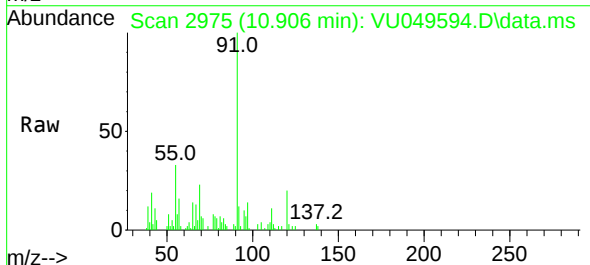
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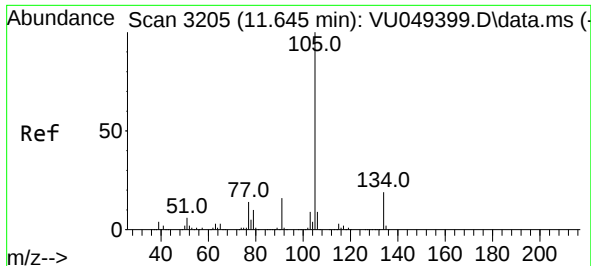
Tgt Ion:105 Resp: 21234
Ion Ratio Lower Upper
105 100
120 26.5 13.8 41.4



#78
n-propylbenzene
Concen: 1.124 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049594.D
Acq: 01 Jul 2022 20:08

Tgt Ion: 91 Resp: 14553
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

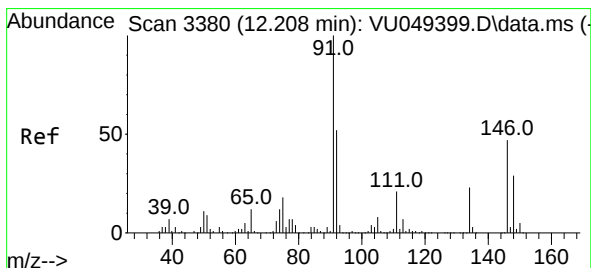
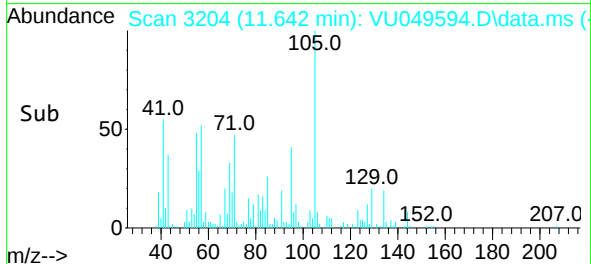
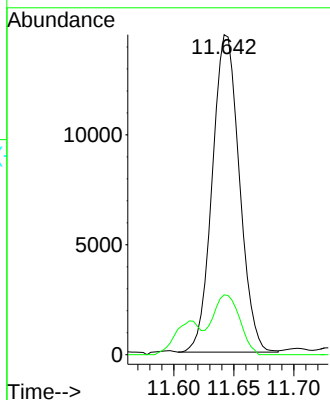
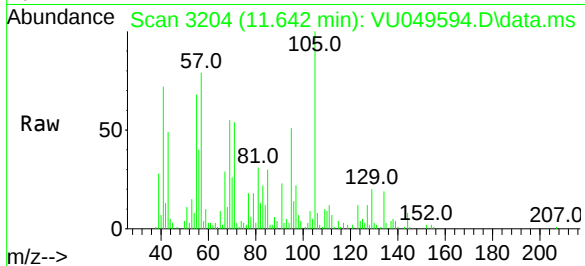




#85
 sec-Butylbenzene
 Concen: 1.971 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049594.D
 Acq: 01 Jul 2022 20:08

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-11-2-GR

Tgt Ion:105 Resp: 22678
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1



#89
 n-Butylbenzene
 Concen: 1.850 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU049594.D
 Acq: 01 Jul 2022 20:08

Tgt Ion: 91 Resp: 15939
 Ion Ratio Lower Upper
 91 100
 92 49.5 26.2 78.6
 134 28.8 13.5 40.4

