

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048967.D
 Acq On : 08 Jun 2022 17:05
 Operator : SY/MD
 Sample : N3209-13
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-1

Quant Time: Jun 09 09:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

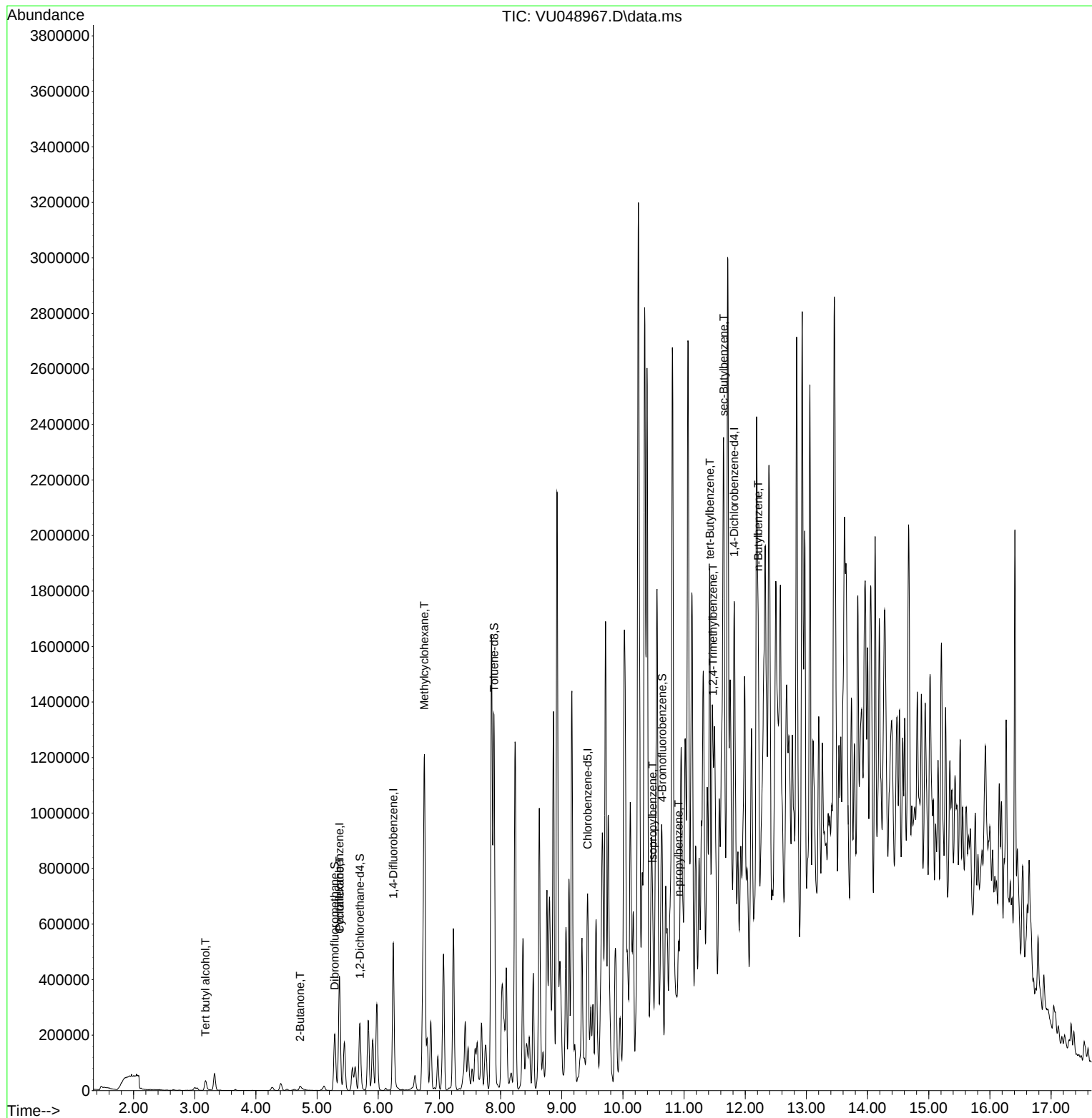
Internal Standards						
1) Pentafluorobenzene	5.366	168	273723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	463089	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	427323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	222132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	201393	48.991	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.980%		
35) Dibromofluoromethane	5.288	113	150415	45.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.060%		
50) Toluene-d8	7.896	98	597606	50.461	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.920%		
62) 4-Bromofluorobenzene	10.642	95	242861	54.224	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.440%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.176	59	23385	22.438	ug/l #	28
25) 2-Butanone	4.722	43	29810	9.905	ug/l	92
31) Cyclohexane	5.369	56	16896	3.261	ug/l #	50
39) Methylcyclohexane	6.755	83	552449	109.270	ug/l	99
73) Isopropylbenzene	10.488	105	171141	11.934	ug/l	99
78) n-propylbenzene	10.912	91	179241	10.489	ug/l	97
83) tert-Butylbenzene	11.423	119	27513	2.299	ug/l	92
84) 1,2,4-Trimethylbenzene	11.471	105	12427	2.090	ug/l	95
85) sec-Butylbenzene	11.648	105	230919	15.421	ug/l	100
89) n-Butylbenzene	12.211	91	143736	12.864	ug/l	91

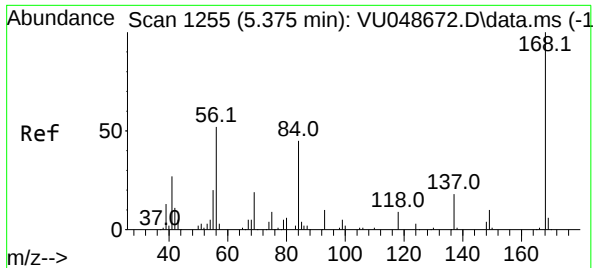
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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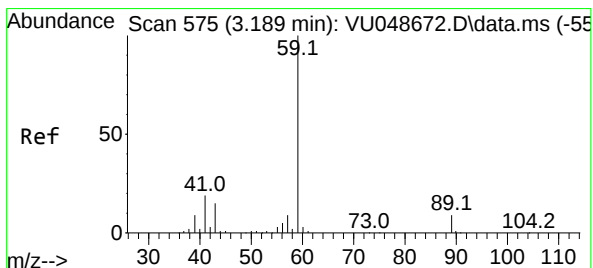
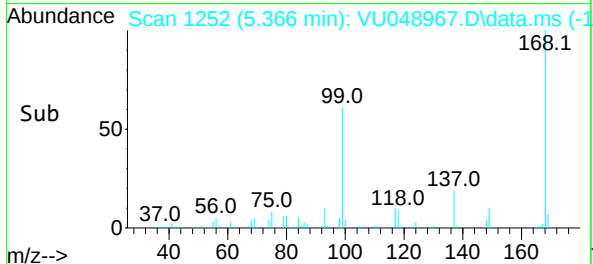
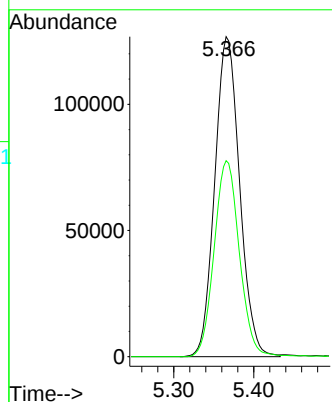
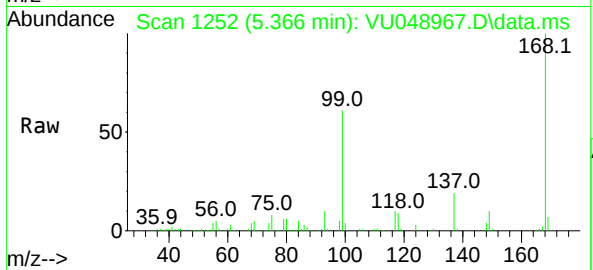




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

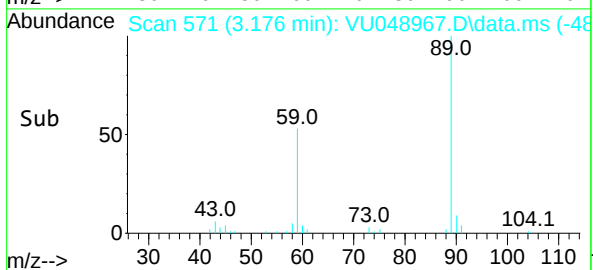
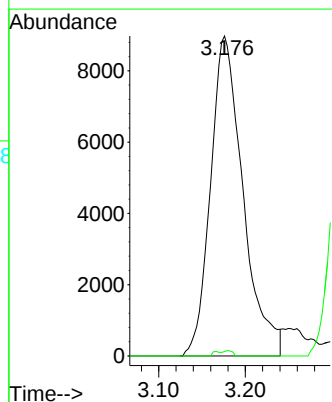
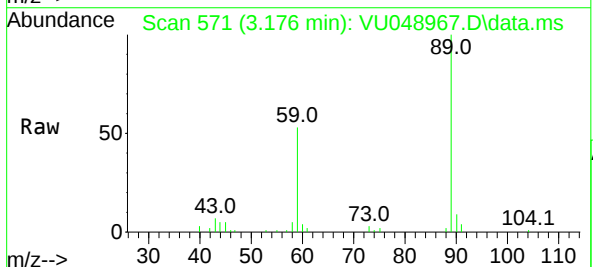
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

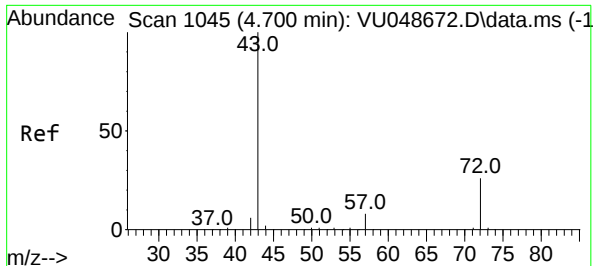
Tgt Ion:168 Resp: 273723
Ion Ratio Lower Upper
168 100
99 61.3 49.3 73.9



#11
Tert butyl alcohol
Concen: 22.438 ug/l
RT: 3.176 min Scan# 571
Delta R.T. -0.013 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 59 Resp: 23385
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

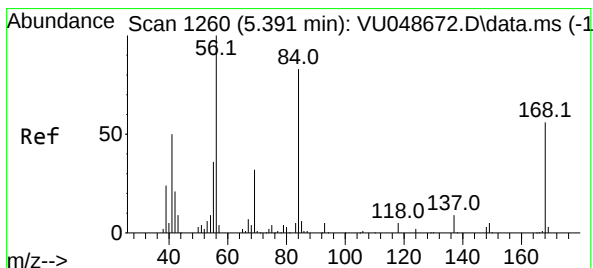
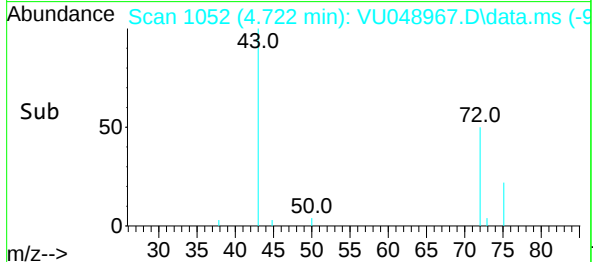
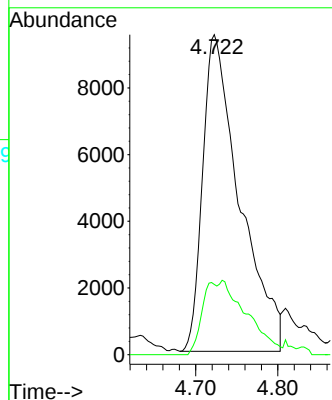
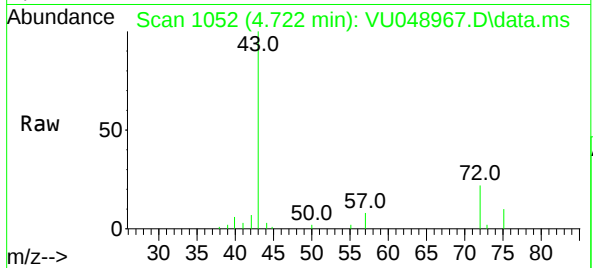




#25
2-Butanone
Concen: 9.905 ug/l
RT: 4.722 min Scan# 1052
Delta R.T. 0.022 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

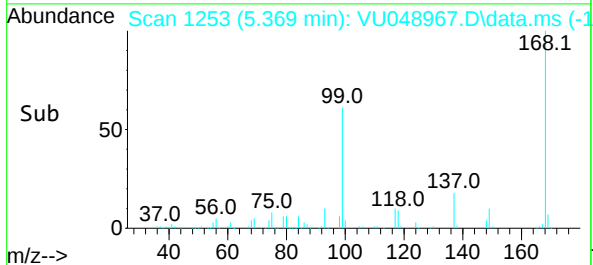
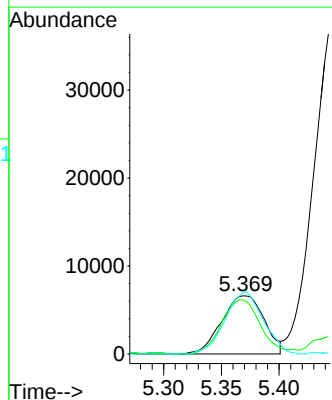
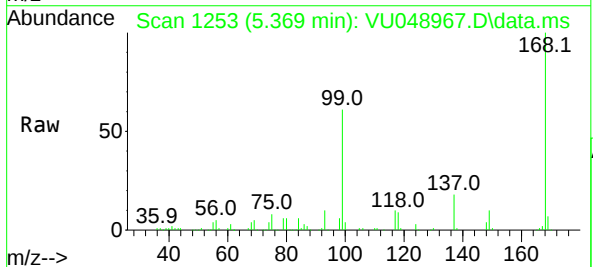
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

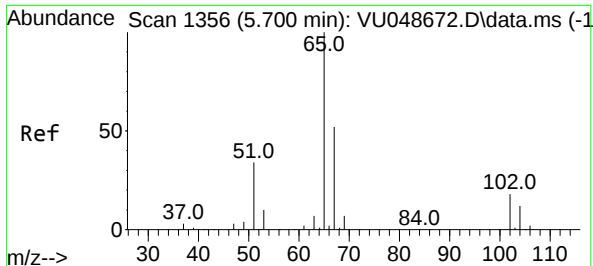
Tgt Ion: 43 Resp: 29810
Ion Ratio Lower Upper
43 100
72 22.2 21.1 31.7



#31
Cyclohexane
Concen: 3.261 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.023 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 56 Resp: 16896
Ion Ratio Lower Upper
56 100
69 93.2 25.6 38.4#
84 106.4 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 48.991 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

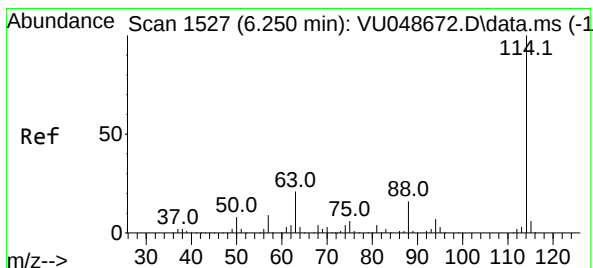
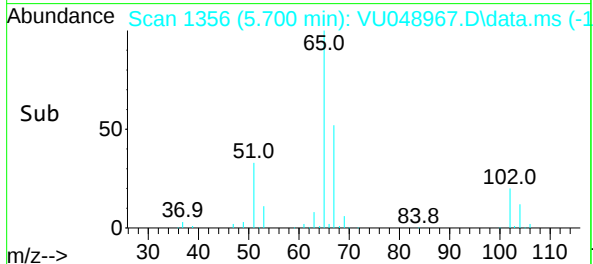
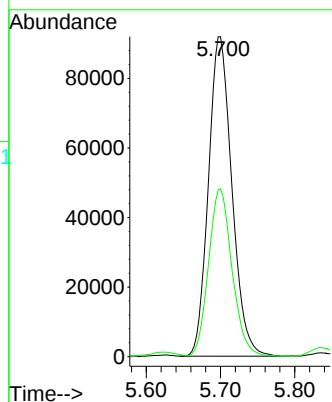
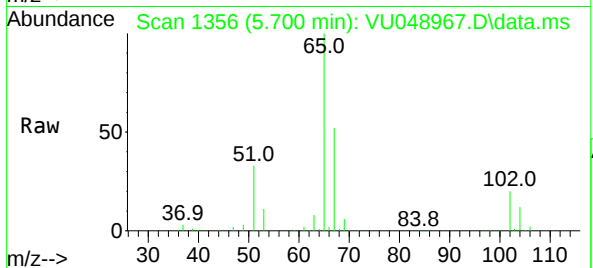
WC-14B-2-1

Tgt Ion: 65 Resp: 201393

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

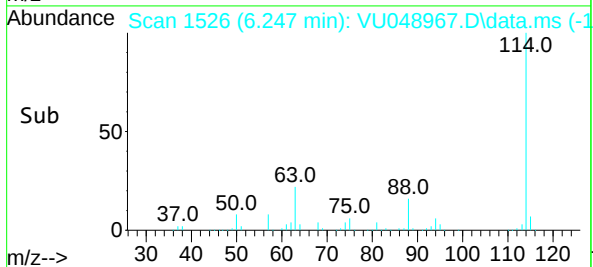
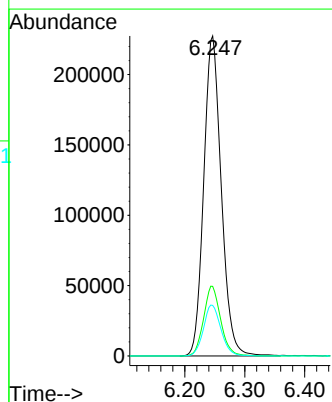
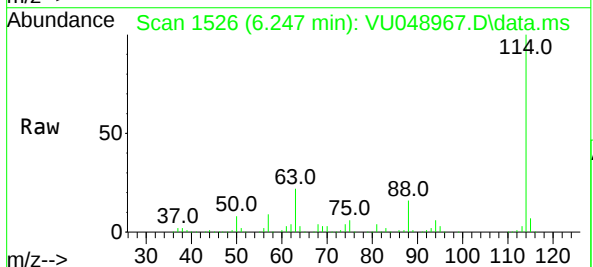
Tgt Ion: 114 Resp: 463089

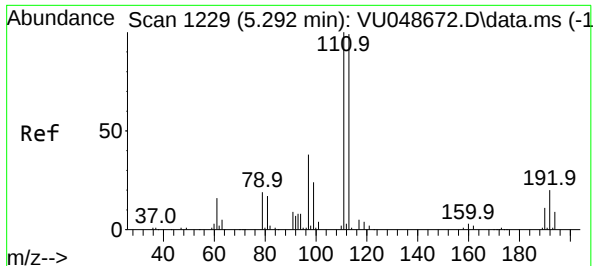
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

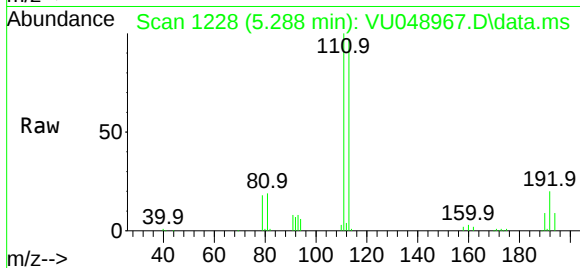
88 15.8 0.0 32.2



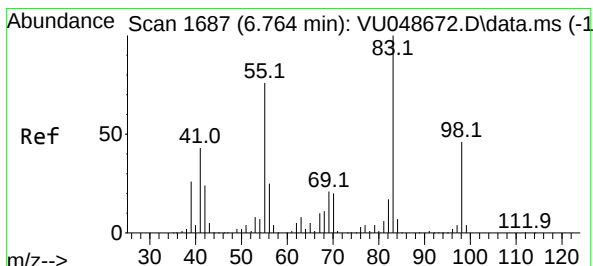
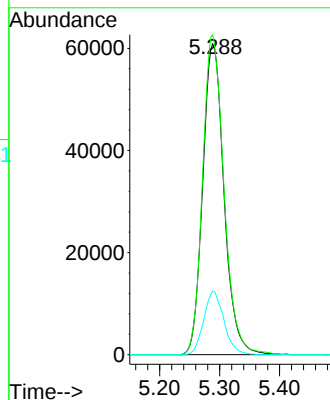
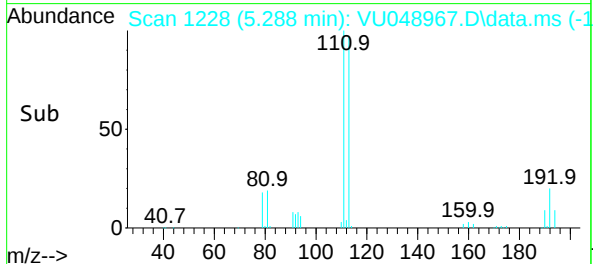


#35
Dibromofluoromethane
Concen: 45.528 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

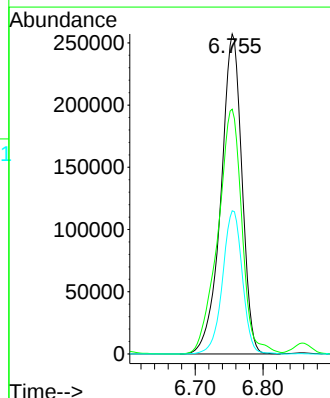
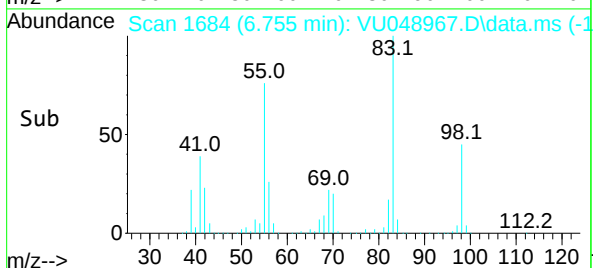
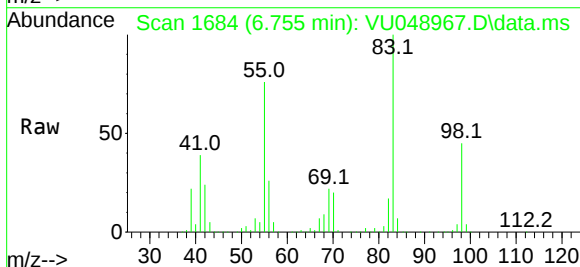


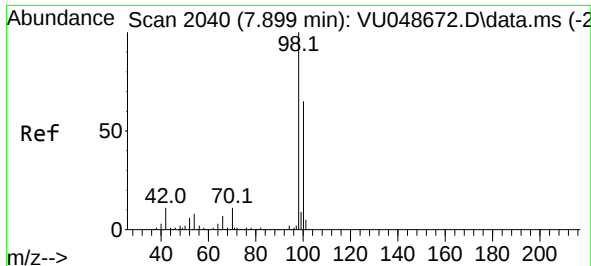
Tgt Ion:113 Resp: 150415
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 19.4 15.9 23.9



#39
Methylcyclohexane
Concen: 109.270 ug/l
RT: 6.755 min Scan# 1684
Delta R.T. -0.010 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 83 Resp: 552449
Ion Ratio Lower Upper
83 100
55 76.5 61.0 91.6
98 44.7 36.8 55.2

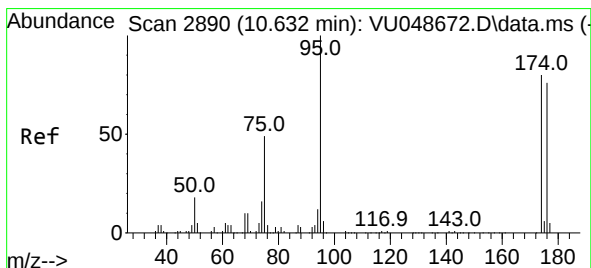
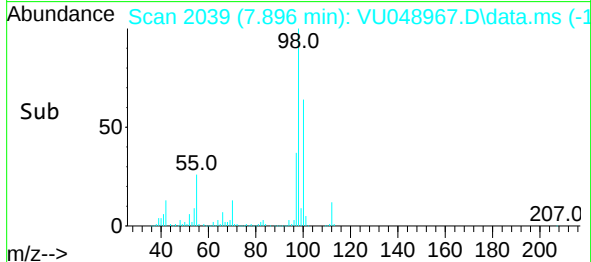
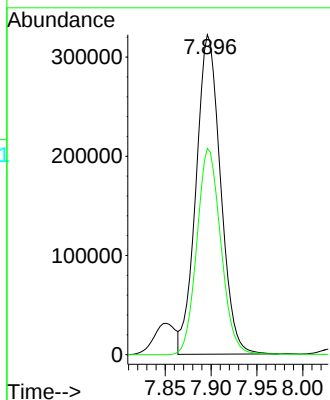
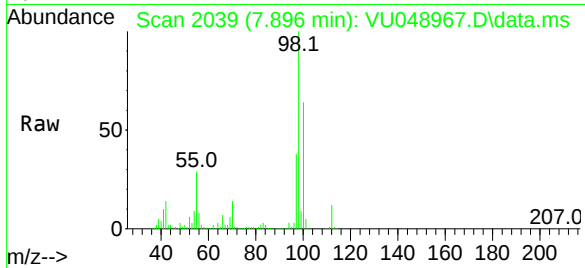




#50
Toluene-d8
Concen: 50.461 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

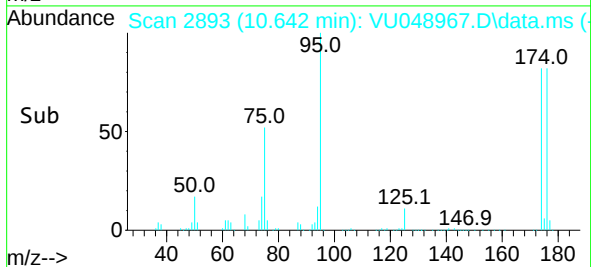
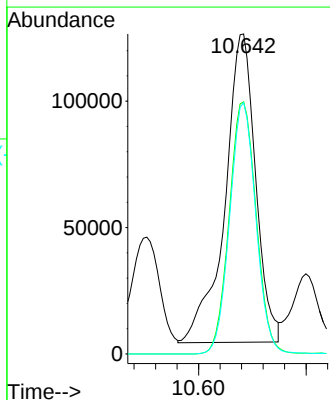
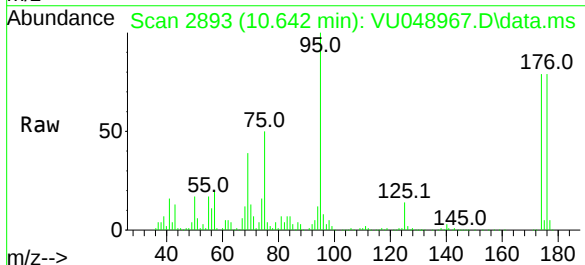
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ClientSampleId : WC-14B-2-1

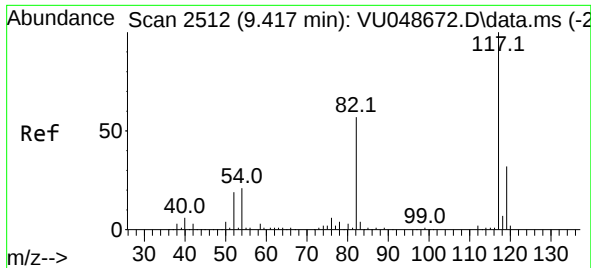
Tgt Ion: 98 Resp: 597606
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.224 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.010 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 95 Resp: 242861
Ion Ratio Lower Upper
95 100
174 71.7 0.0 159.4
176 69.0 0.0 152.4

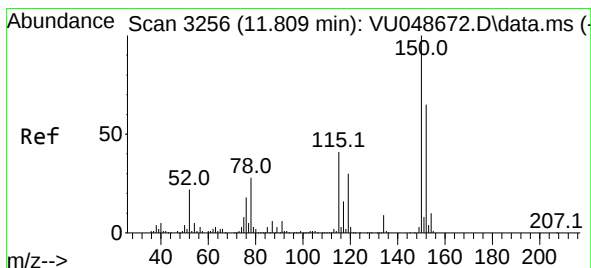
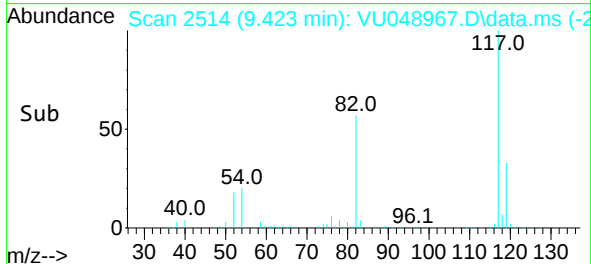
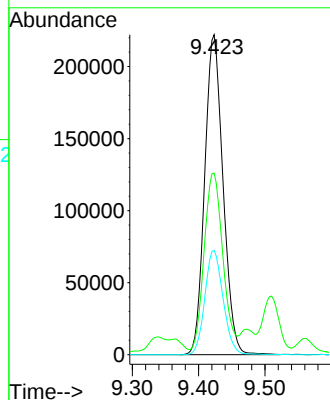
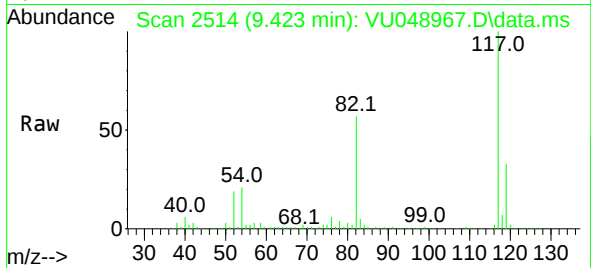




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

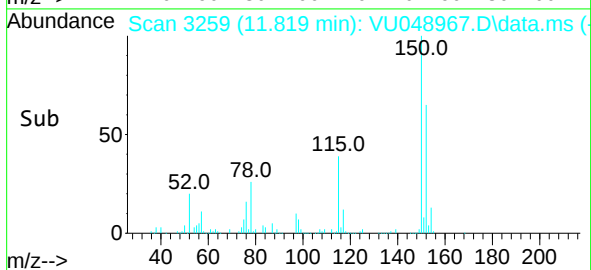
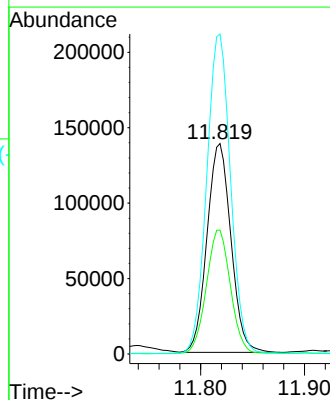
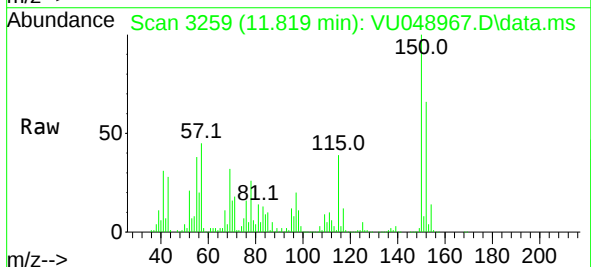
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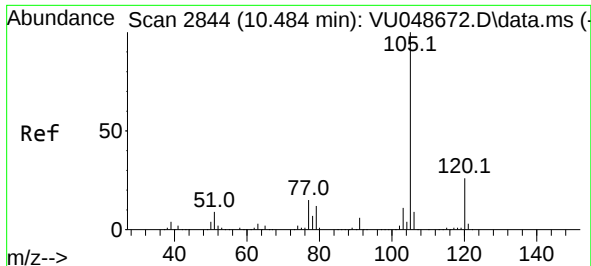
Tgt Ion:117 Resp: 427323
Ion Ratio Lower Upper
117 100
82 52.8 45.3 67.9
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.010 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion:152 Resp: 222132
Ion Ratio Lower Upper
152 100
115 59.0 41.8 125.4
150 152.5 0.0 341.0

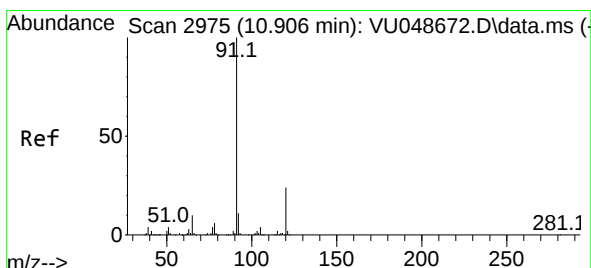
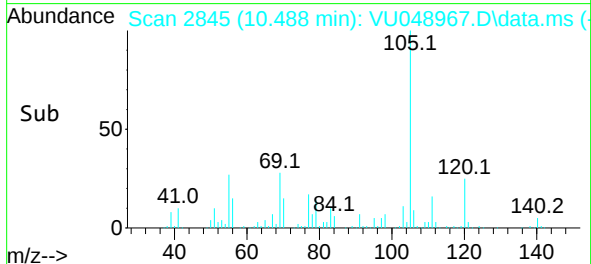
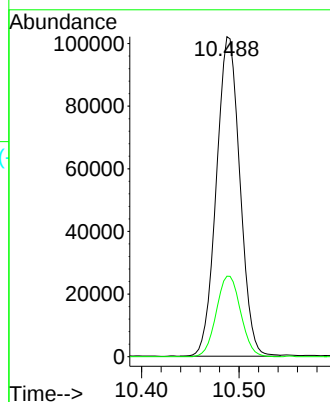
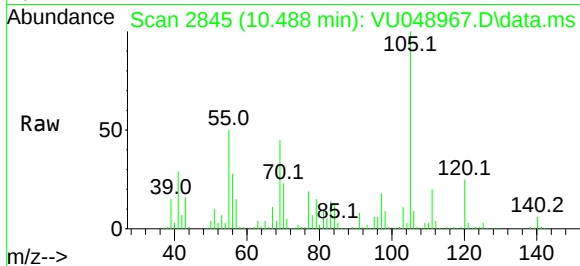




#73
Isopropylbenzene
Concen: 11.934 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

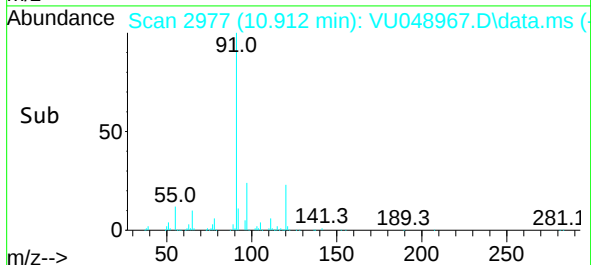
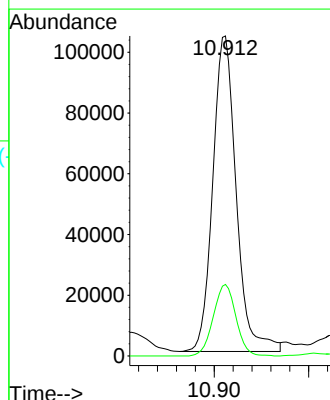
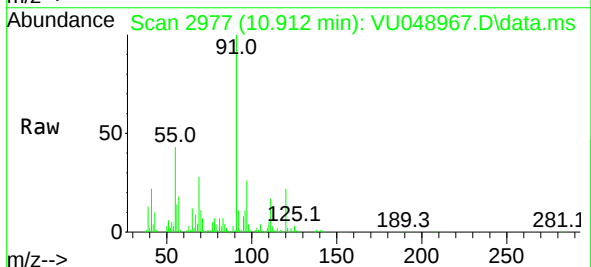
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

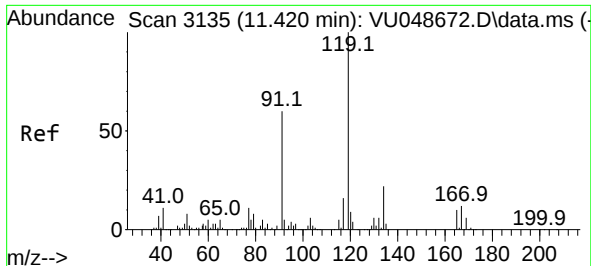
Tgt Ion:105 Resp: 171141
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#78
n-propylbenzene
Concen: 10.489 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.006 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 91 Resp: 179241
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.7

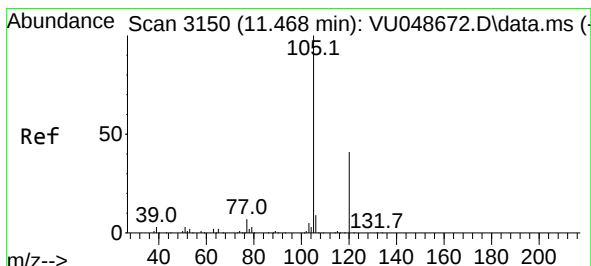
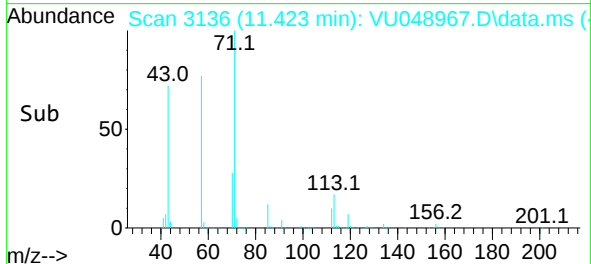
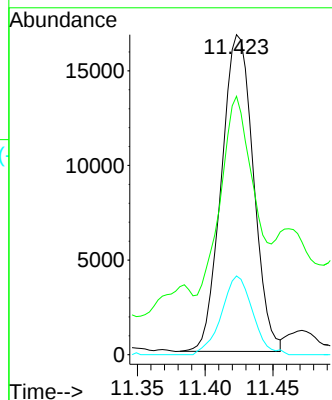
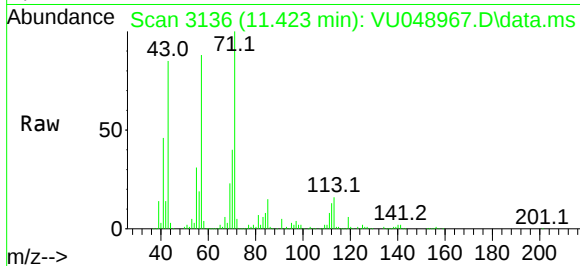




#83
 tert-Butylbenzene
 Concen: 2.299 ug/l
 RT: 11.423 min Scan# 3135
 Delta R.T. 0.003 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

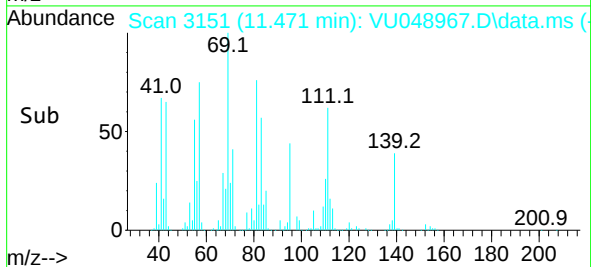
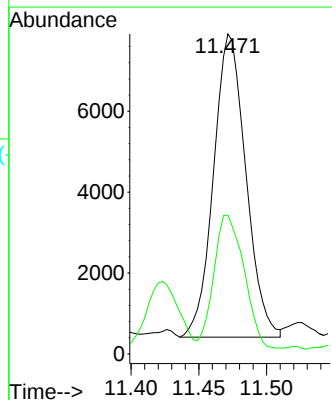
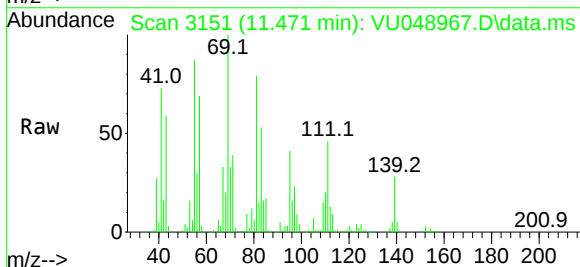
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-1

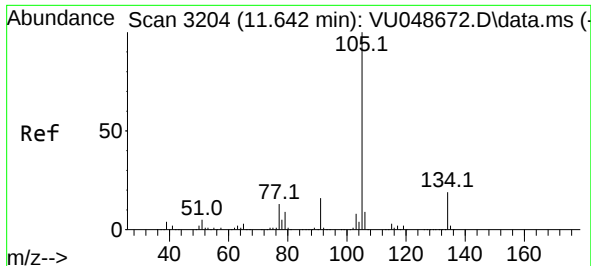
Tgt Ion:119 Resp: 27513
 Ion Ratio Lower Upper
 119 100
 91 63.9 28.7 86.1
 134 24.2 10.8 32.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.090 ug/l
 RT: 11.471 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

Tgt Ion:105 Resp: 12427
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.5 67.5

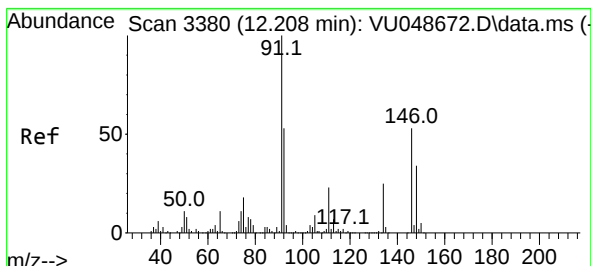
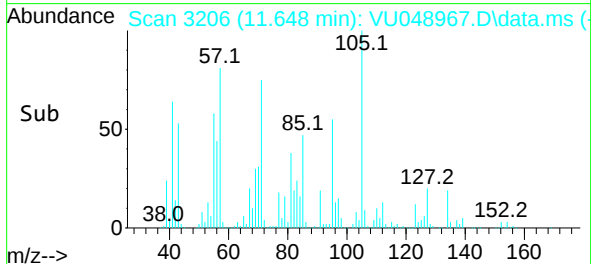
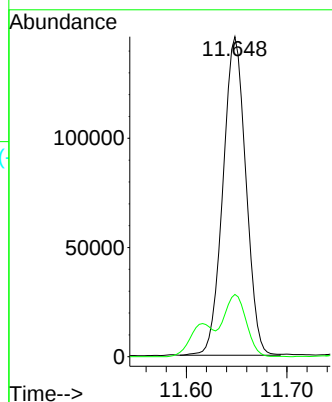
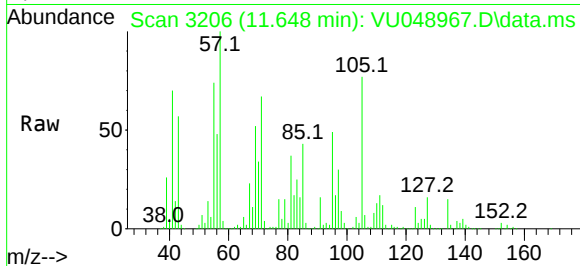




#85
 sec-Butylbenzene
 Concen: 15.421 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-1

Tgt Ion:105 Resp: 230919
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#89
 n-Butylbenzene
 Concen: 12.864 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

Tgt Ion: 91 Resp: 143736
 Ion Ratio Lower Upper
 91 100
 92 43.4 25.9 77.8
 134 23.5 12.5 37.5

