

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049411.D
 Acq On : 27 Jun 2022 18:17
 Operator : SY/MD
 Sample : N3431-23
 Misc : 3.12g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-5-GR

Quant Time: Jun 27 19:08:57 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)

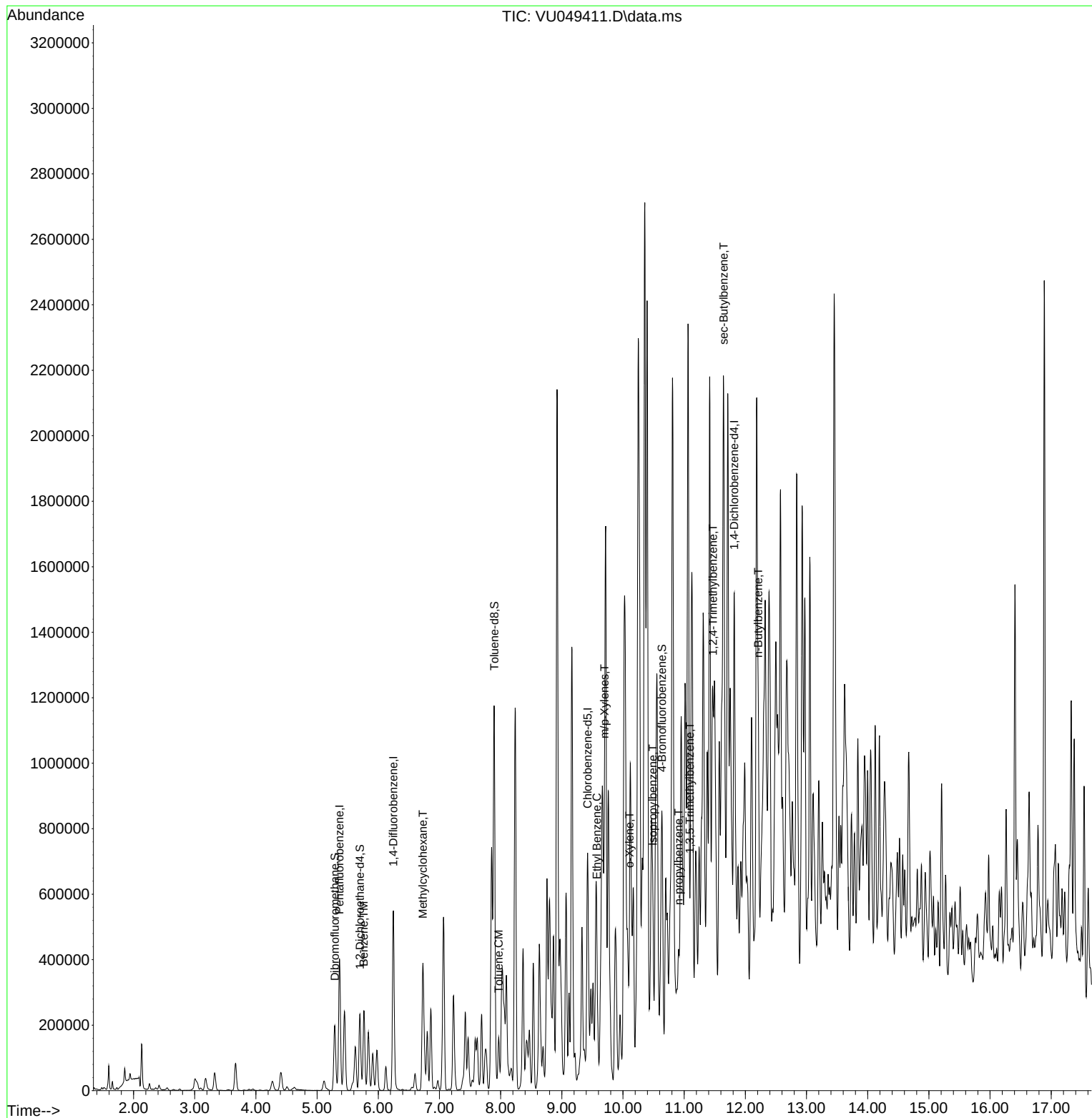
Internal Standards						
1) Pentafluorobenzene	5.366	168	266159	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	468675	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	426813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	207764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183565	44.783	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.560%
35) Dibromofluoromethane	5.289	113	140982	42.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.000%
50) Toluene-d8	7.896	98	588115	50.287	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.580%
62) 4-Bromofluorobenzene	10.639	95	245560	54.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.620%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	6.729	83	105765	18.559	ug/l	# 13
40) Benzene	5.765	78	233746	16.284	ug/l	99
52) Toluene	7.967	92	68960	8.083	ug/l	96
67) Ethyl Benzene	9.572	91	72752	4.542	ug/l	95
68) m/p-Xylenes	9.697	106	97646	16.475	ug/l	88
69) o-Xylene	10.105	106	8353	1.420	ug/l	100
73) Isopropylbenzene	10.488	105	180209	12.176	ug/l	96
78) n-propylbenzene	10.909	91	118475	6.588	ug/l	94
80) 1,3,5-Trimethylbenzene	11.092	105	8276	0.641	ug/l	97
84) 1,2,4-Trimethylbenzene	11.472	105	66551	5.243	ug/l	93
85) sec-Butylbenzene	11.645	105	233172	14.593	ug/l	95
89) n-Butylbenzene	12.211	91	88021	7.359	ug/l	88

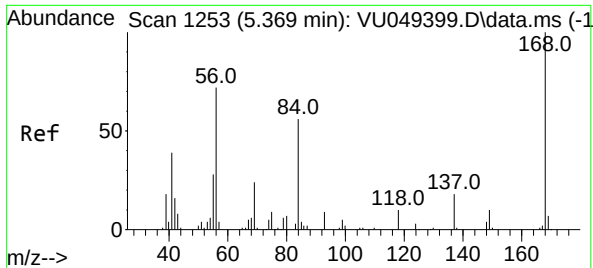
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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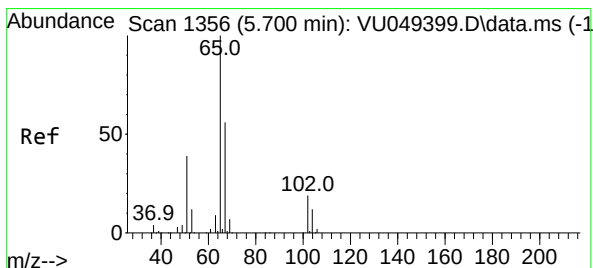
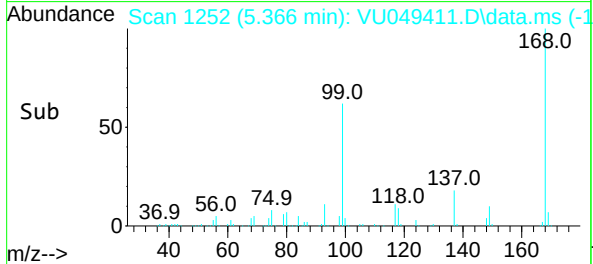
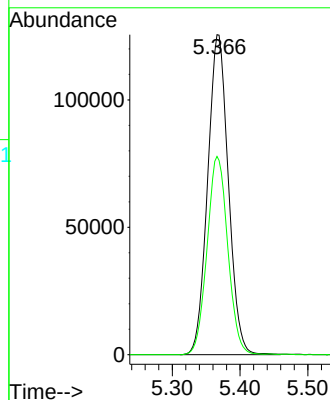
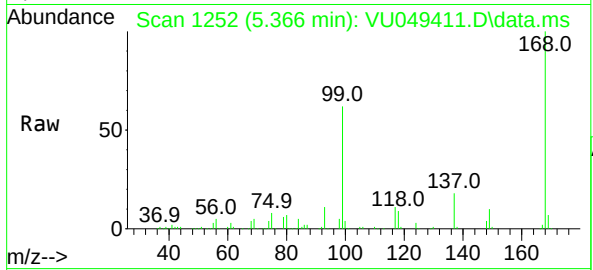




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

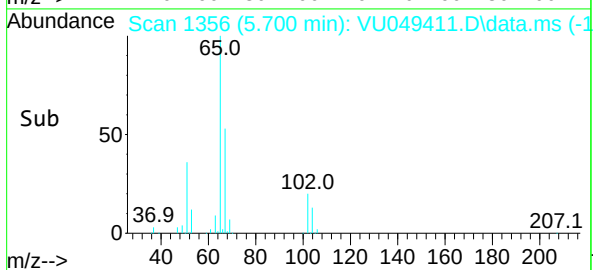
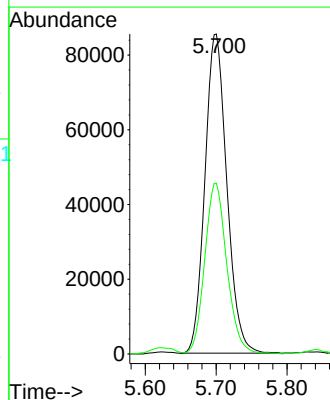
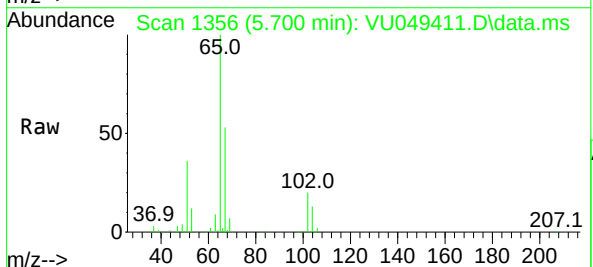
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-5-GR

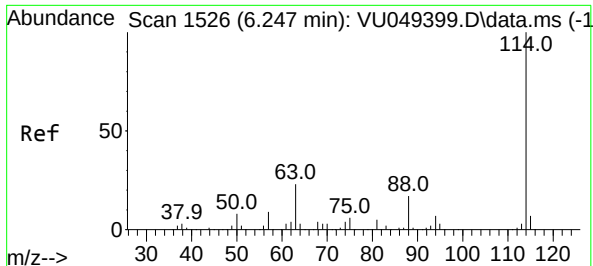
Tgt Ion:168 Resp: 266159
Ion Ratio Lower Upper
168 100
99 62.0 39.3 58.9#



#33
1,2-Dichloroethane-d4
Concen: 44.783 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.006 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

Tgt Ion: 65 Resp: 183565
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.0

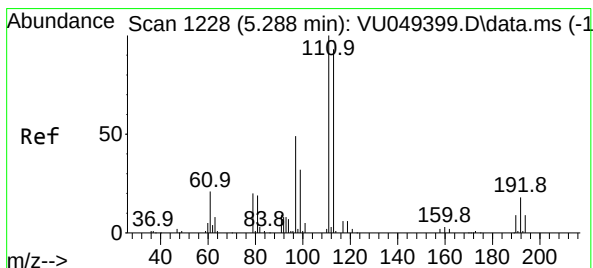
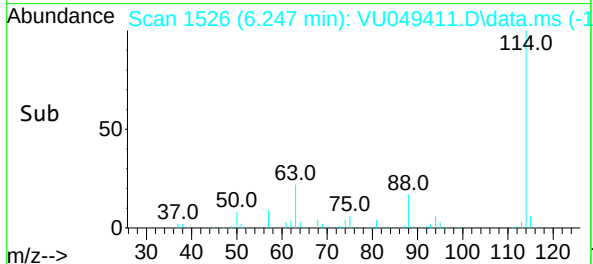
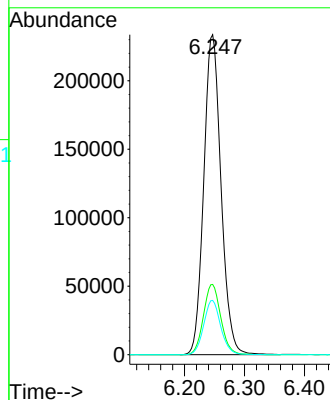
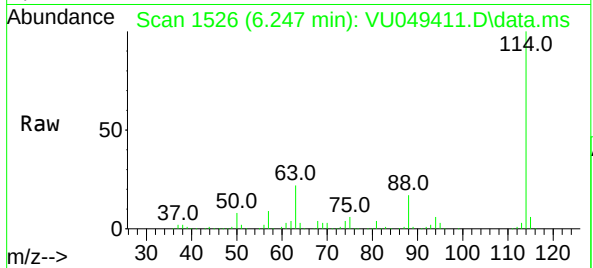




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 114
Delta R.T. -0.006 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

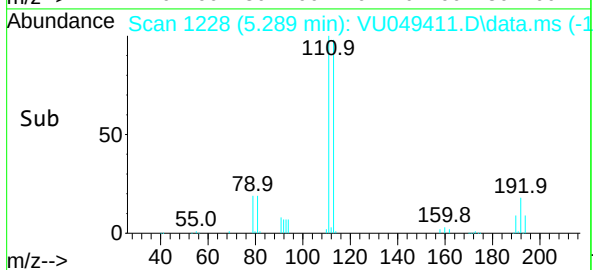
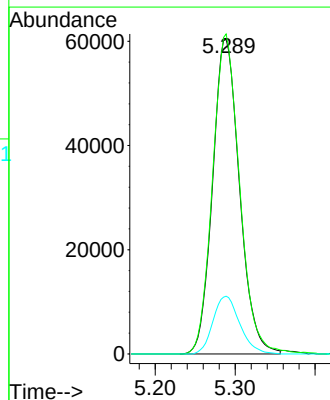
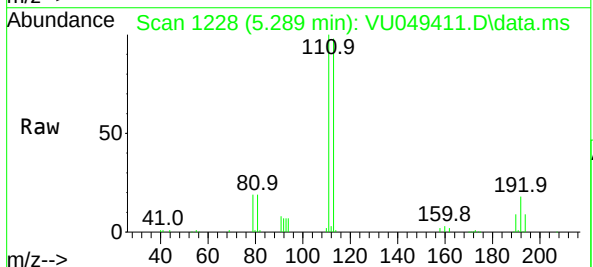
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-5-GR

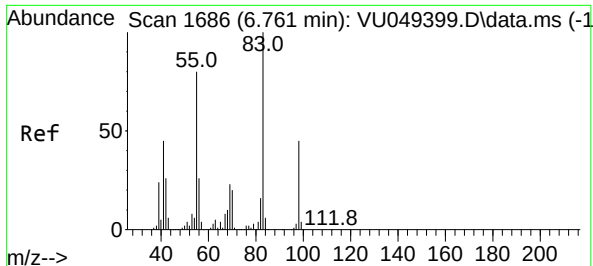
Tgt Ion:114 Resp: 468675
Ion Ratio Lower Upper
114 100
63 22.0 0.0 37.8
88 16.9 0.0 29.2



#35
Dibromofluoromethane
Concen: 42.996 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. -0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

Tgt Ion:113 Resp: 140982
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 18.3 18.0 27.0





#39

Methylcyclohexane

Concen: 18.559 ug/l

RT: 6.729 min Scan# 1

Delta R.T. -0.038 min

Lab File: VU049411.D

Acq: 27 Jun 2022 18:17

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-5-GR

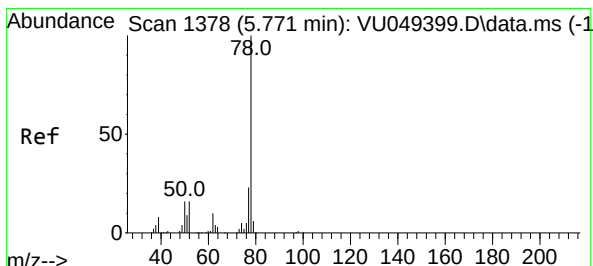
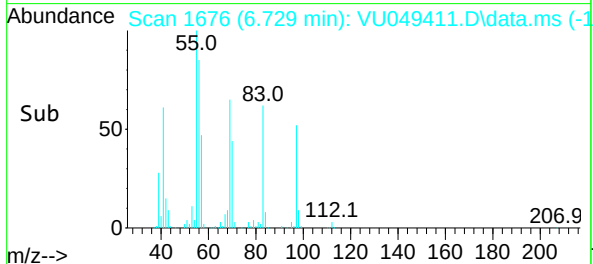
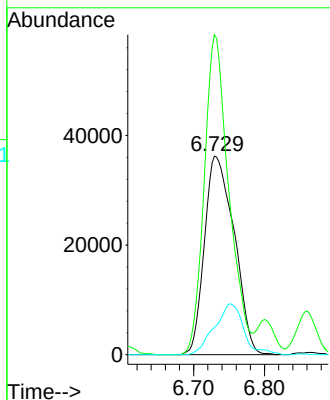
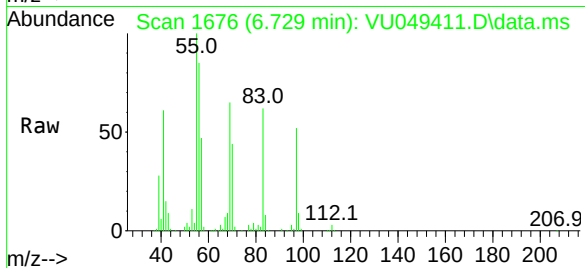
Tgt Ion: 83 Resp: 105765

Ion Ratio Lower Upper

83 100

55 161.1 55.3 82.9#

98 13.8 37.3 55.9#



#40

Benzene

Concen: 16.284 ug/l

RT: 5.765 min Scan# 1376

Delta R.T. -0.013 min

Lab File: VU049411.D

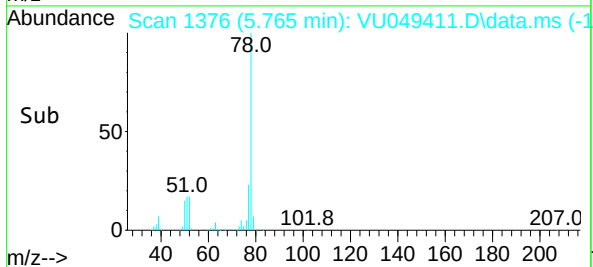
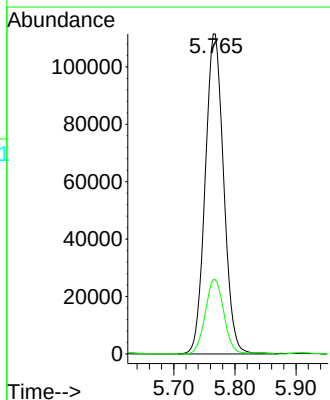
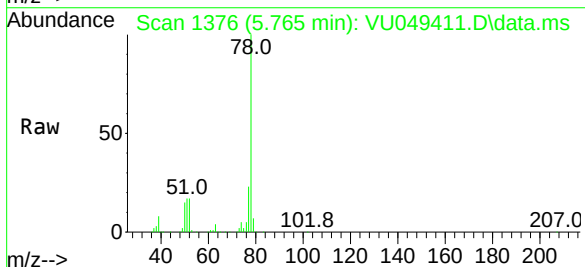
Acq: 27 Jun 2022 18:17

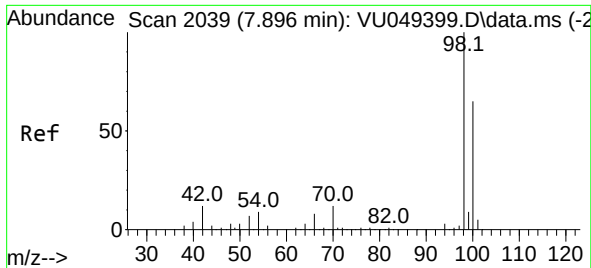
Tgt Ion: 78 Resp: 233746

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

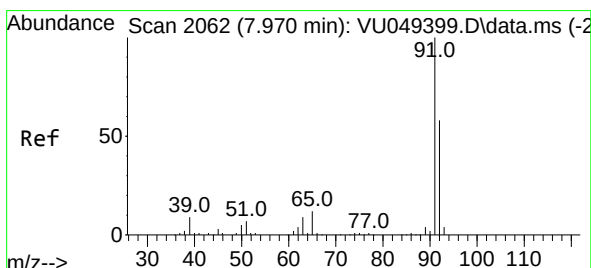
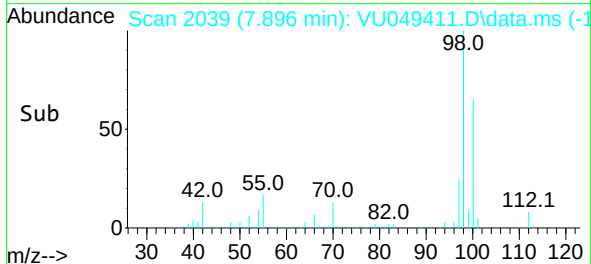
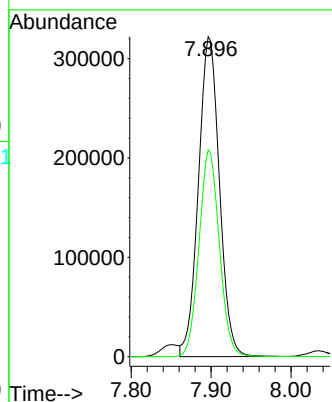
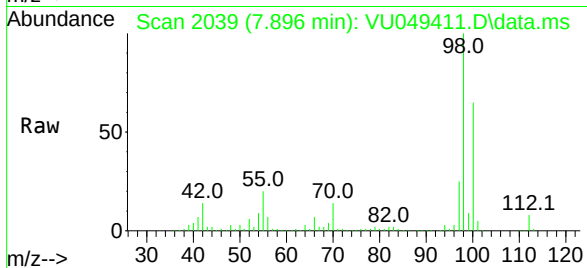




#50
Toluene-d8
Concen: 50.287 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

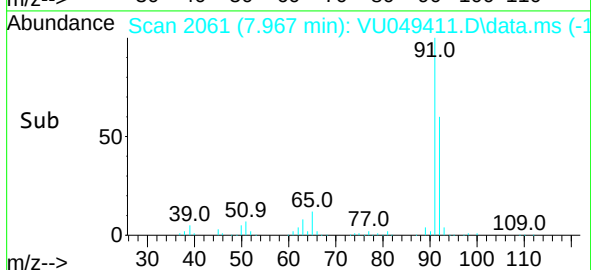
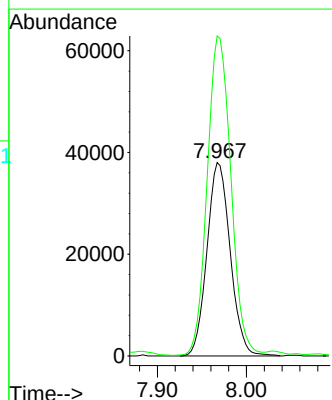
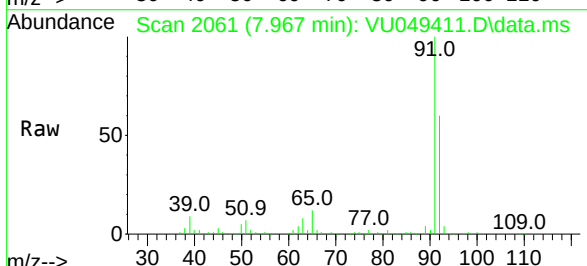
Instrument :
MSVOA_U
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WC-14B-2-5-GR

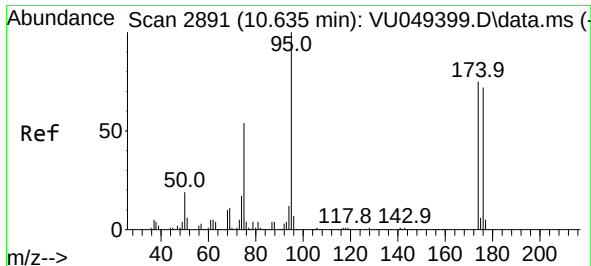
Tgt Ion: 98 Resp: 588115
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#52
Toluene
Concen: 8.083 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

Tgt Ion: 92 Resp: 68960
Ion Ratio Lower Upper
92 100
91 167.8 138.2 207.4

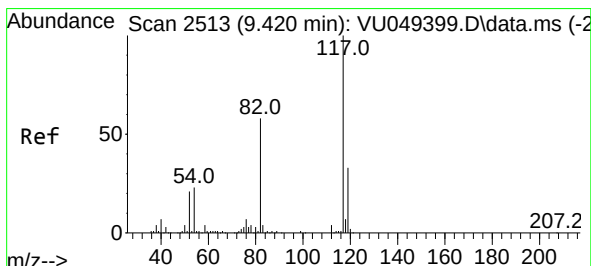
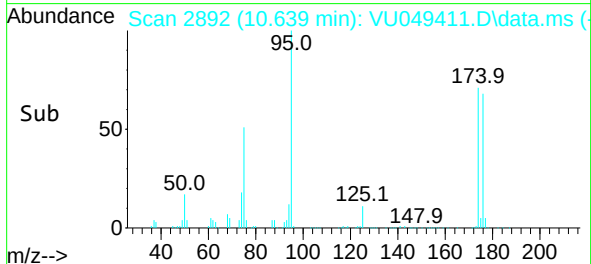
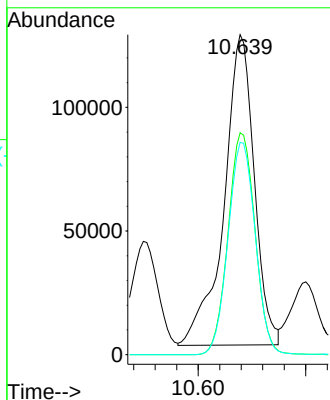
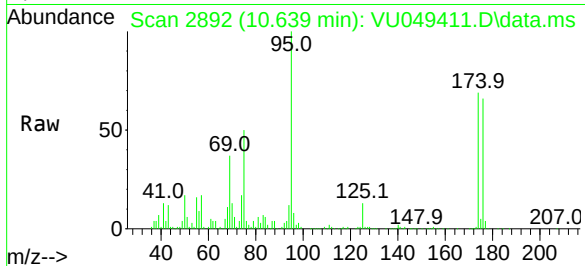




#62
4-Bromofluorobenzene
Concen: 54.812 ug/l
RT: 10.639 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

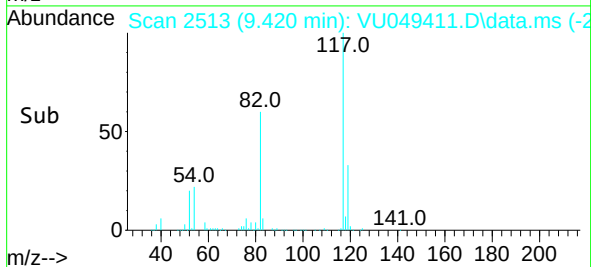
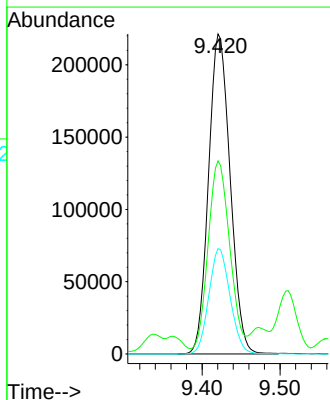
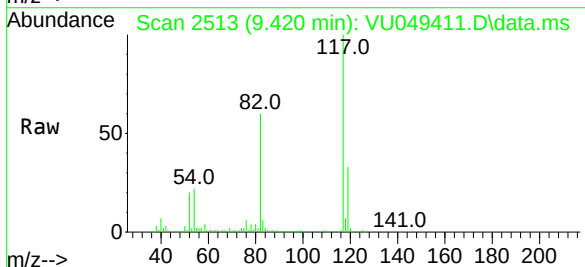
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-5-GR

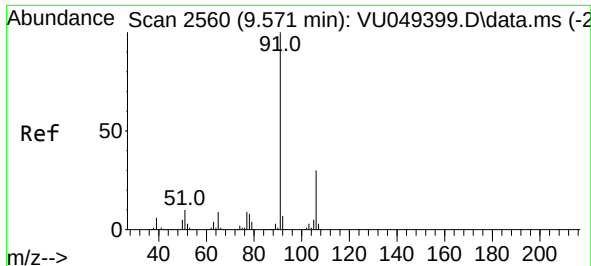
Tgt Ion: 95 Resp: 245560
Ion Ratio Lower Upper
95 100
174 63.9 0.0 182.0
176 61.6 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

Tgt Ion: 117 Resp: 426813
Ion Ratio Lower Upper
117 100
82 55.5 41.7 62.5
119 32.9 25.7 38.5

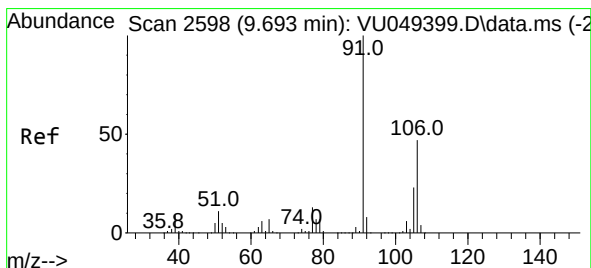
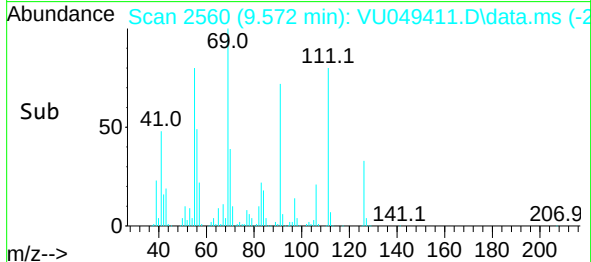
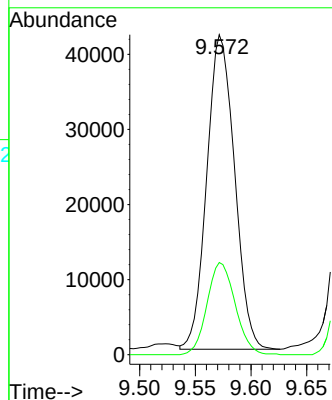
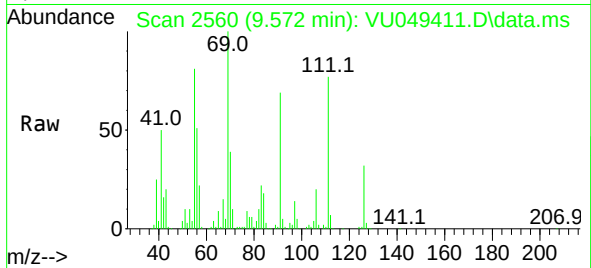




#67
Ethyl Benzene
Concen: 4.542 ug/l
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

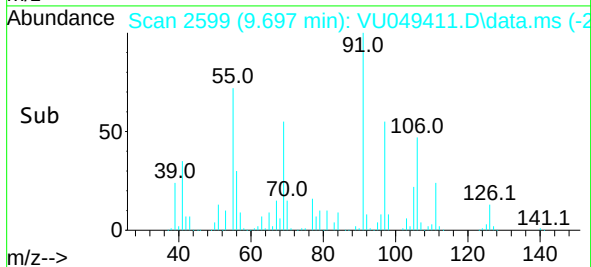
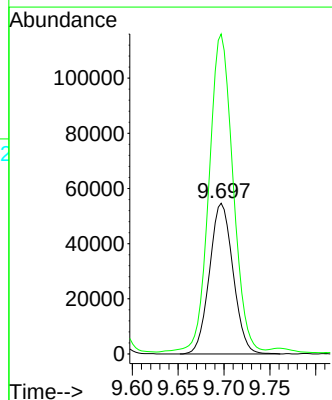
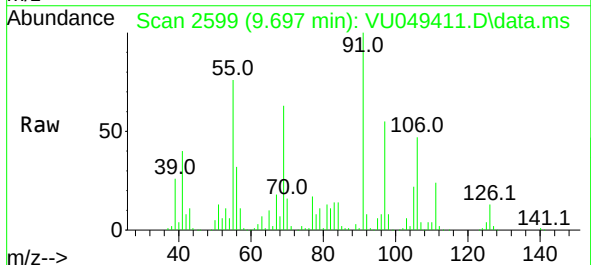
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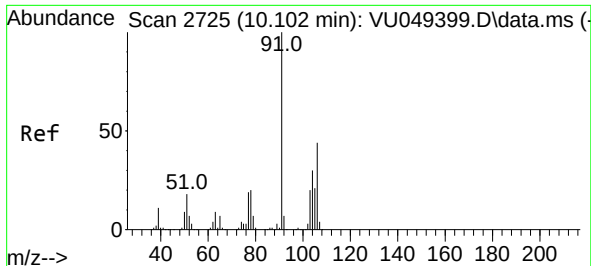
Tgt Ion: 91 Resp: 72752
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4



#68
m/p-Xylenes
Concen: 16.475 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

Tgt Ion: 106 Resp: 97646
Ion Ratio Lower Upper
106 100
91 214.5 157.2 235.8

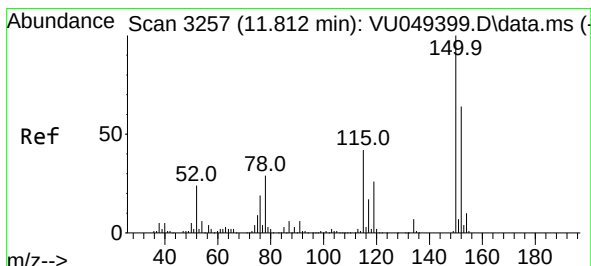
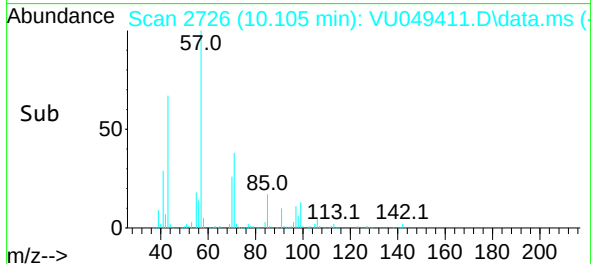
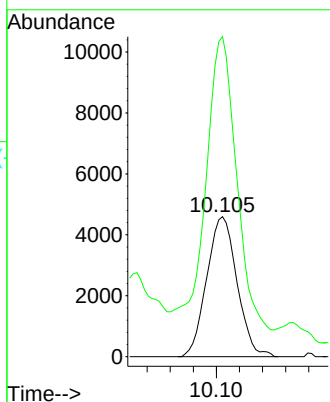
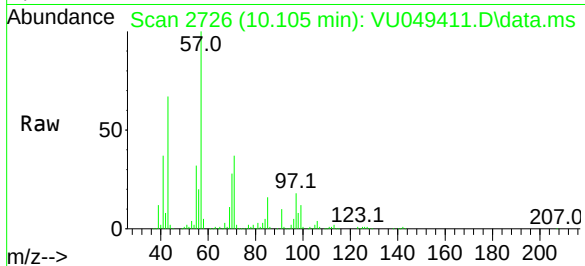




#69
o-Xylene
Concen: 1.420 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

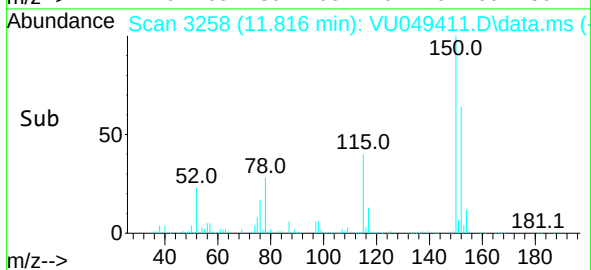
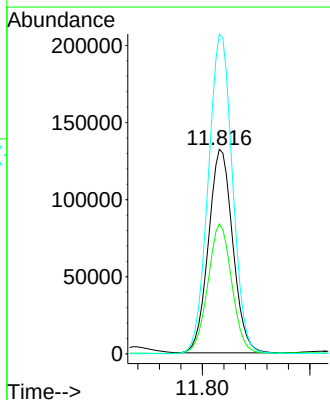
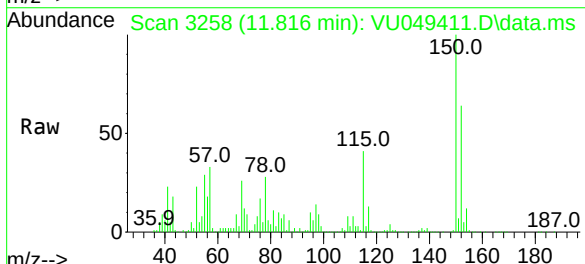
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-5-GR

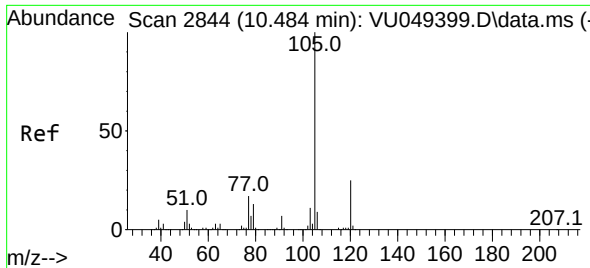
Tgt Ion:106 Resp: 8353
Ion Ratio Lower Upper
106 100
91 207.1 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

Tgt Ion:152 Resp: 207764
Ion Ratio Lower Upper
152 100
115 62.5 37.0 110.9
150 156.5 0.0 342.2

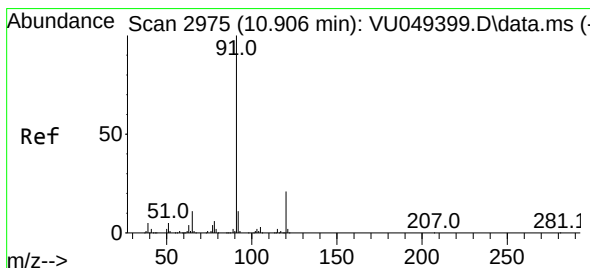
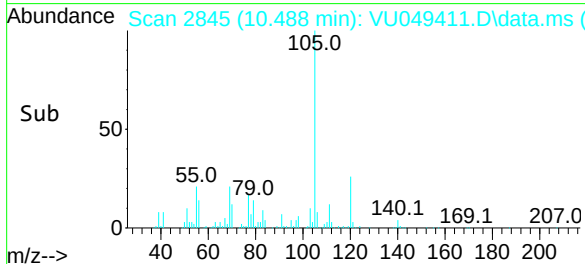
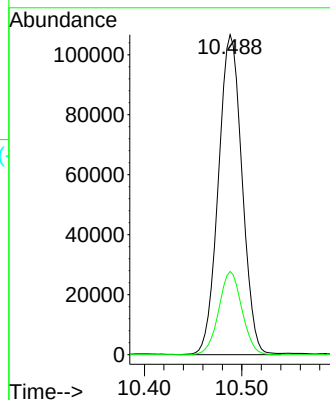
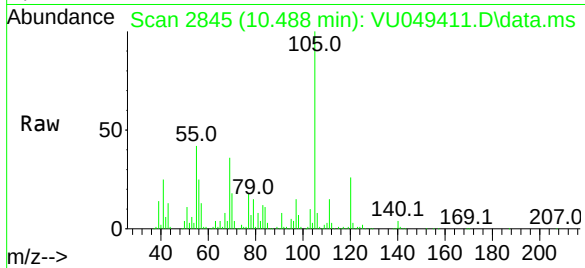




#73
Isopropylbenzene
Concen: 12.176 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

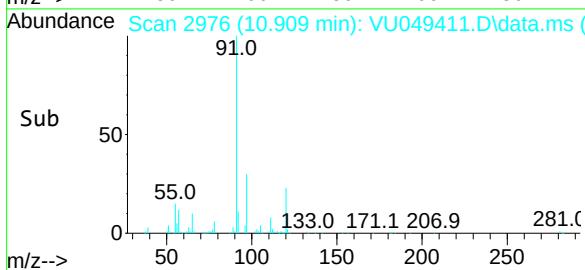
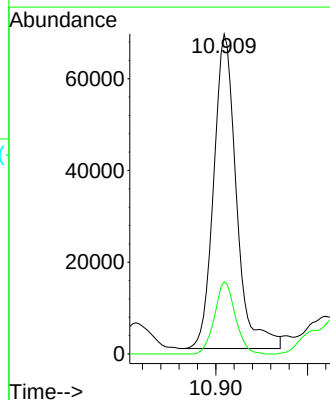
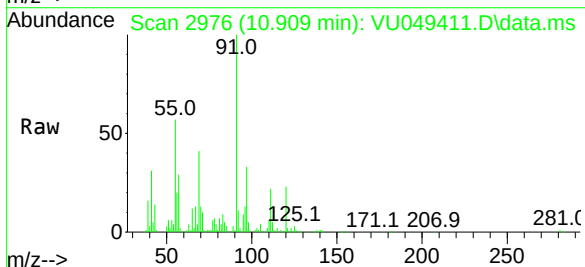
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-5-GR

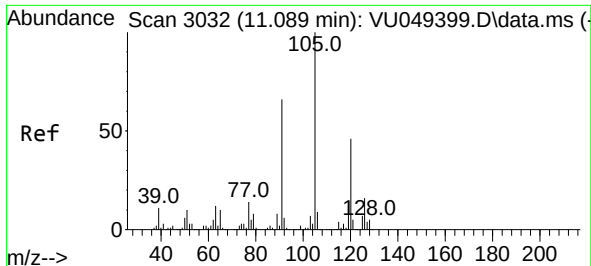
Tgt Ion:105 Resp: 180209
Ion Ratio Lower Upper
105 100
120 25.4 13.8 41.4



#78
n-propylbenzene
Concen: 6.588 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

Tgt Ion: 91 Resp: 118475
Ion Ratio Lower Upper
91 100
120 20.8 11.9 35.5

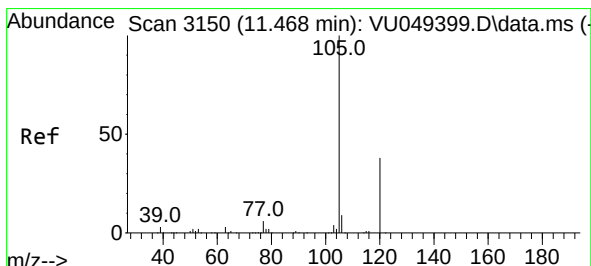
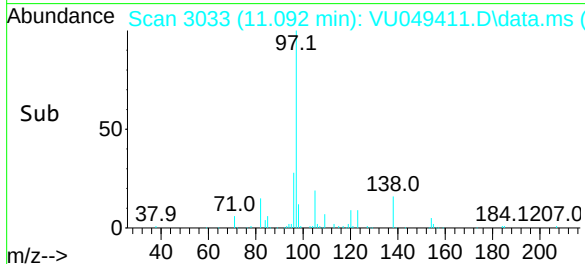
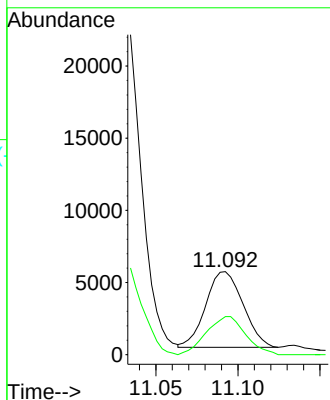
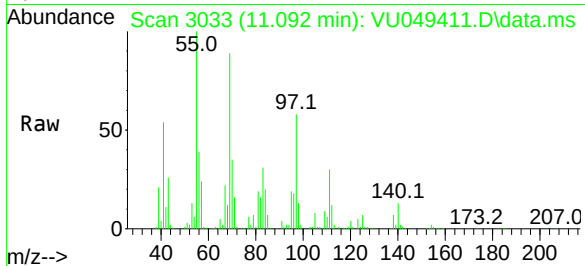




#80
1,3,5-Trimethylbenzene
Concen: 0.641 ug/l
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

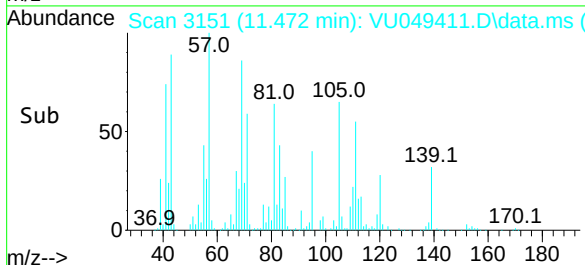
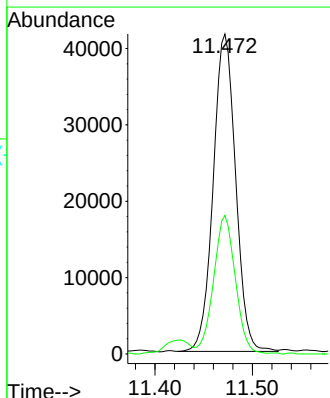
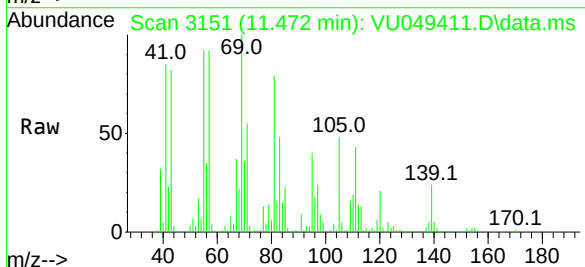
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-5-GR

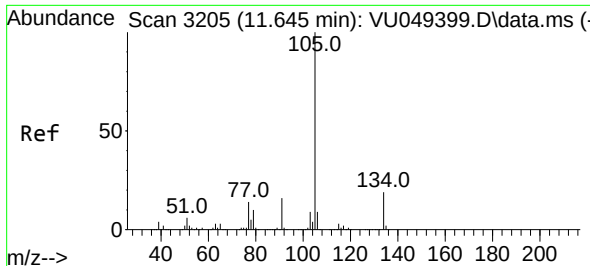
Tgt Ion:105 Resp: 8276
Ion Ratio Lower Upper
105 100
120 52.8 25.3 75.9



#84
1,2,4-Trimethylbenzene
Concen: 5.243 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049411.D
Acq: 27 Jun 2022 18:17

Tgt Ion:105 Resp: 66551
Ion Ratio Lower Upper
105 100
120 41.9 23.4 70.3

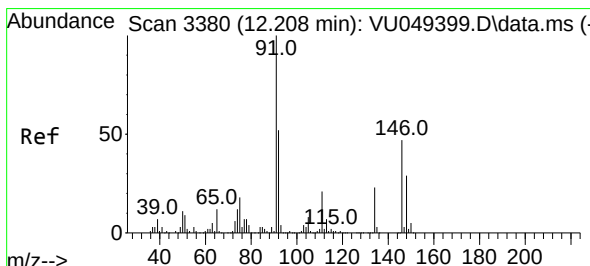
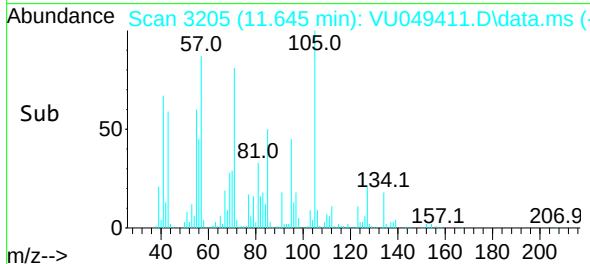
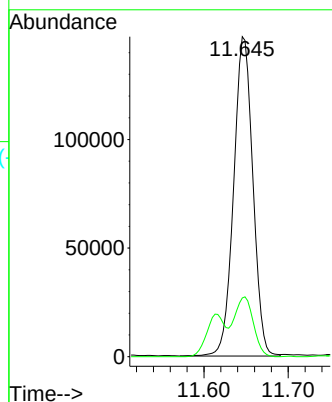
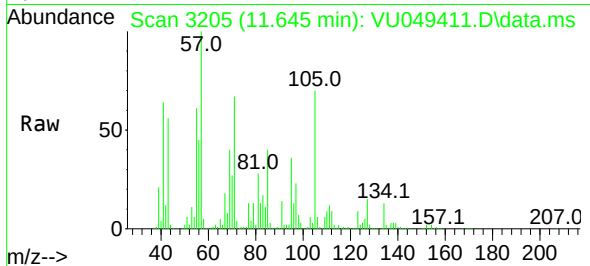




#85
 sec-Butylbenzene
 Concen: 14.593 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049411.D
 Acq: 27 Jun 2022 18:17

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-5-GR

Tgt Ion:105 Resp: 233172
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1



#89
 n-Butylbenzene
 Concen: 7.359 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU049411.D
 Acq: 27 Jun 2022 18:17

Tgt Ion: 91 Resp: 88021
 Ion Ratio Lower Upper
 91 100
 92 40.8 26.2 78.6
 134 25.3 13.5 40.4

