

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049415.D
 Acq On : 27 Jun 2022 19:52
 Operator : SY/MD
 Sample : N3334-19
 Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14A-1A-5

Quant Time: Jun 28 05:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

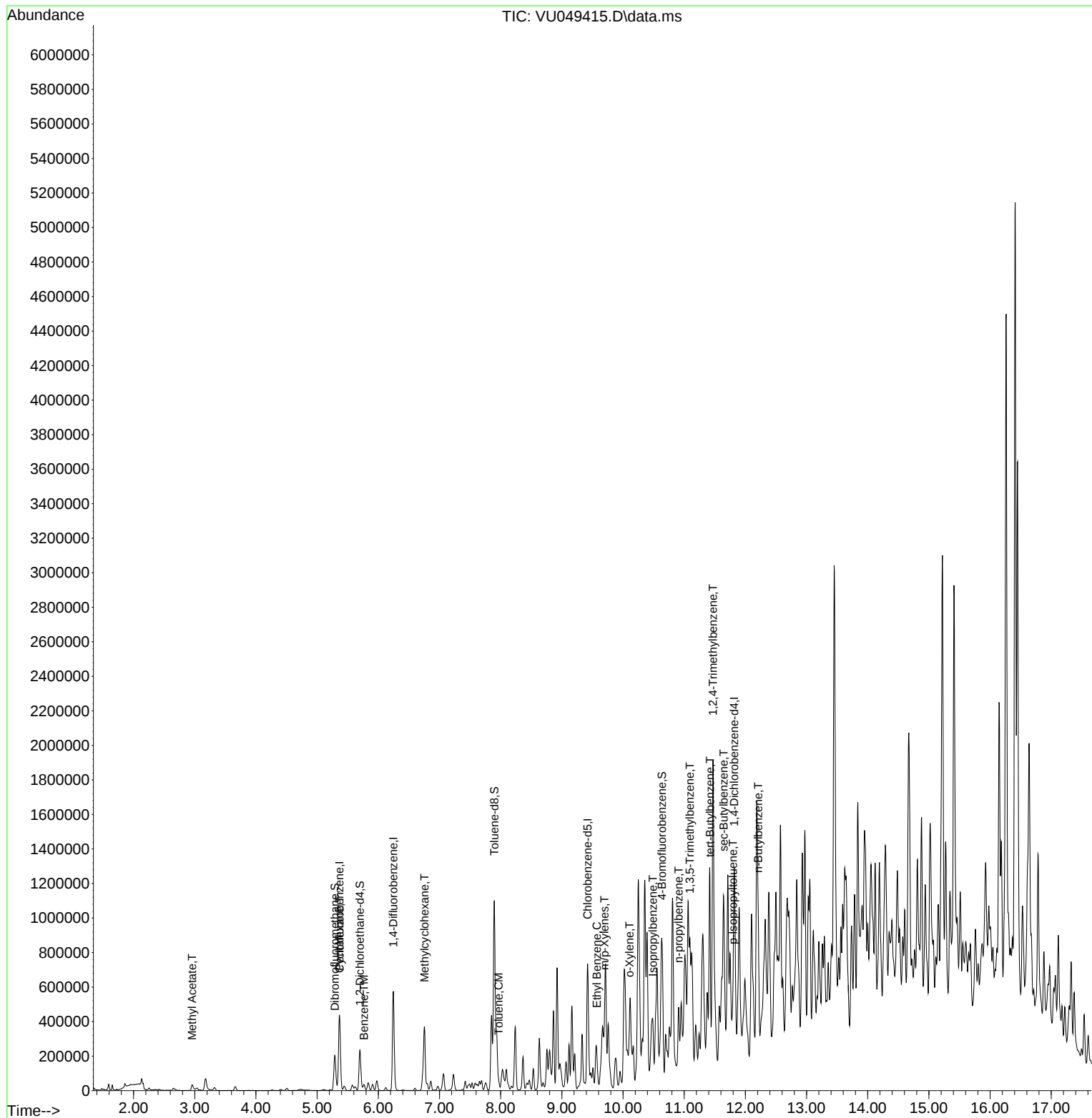
Internal Standards						
1) Pentafluorobenzene	5.366	168	284935	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	495617	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	460531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	218557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	192589	43.888	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.780%
35) Dibromofluoromethane	5.289	113	151574	43.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.420%
50) Toluene-d8	7.896	98	611819	49.470	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	10.639	95	240843	50.837	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.680%
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.957	43	51293	8.562	ug/l	91
31) Cyclohexane	5.369	56	25059	3.803	ug/l	# 81
39) Methylcyclohexane	6.755	83	164499	27.296	ug/l	93
40) Benzene	5.768	78	33466	2.205	ug/l	99
52) Toluene	7.967	92	16563	1.836	ug/l	97
67) Ethyl Benzene	9.571	91	43416	2.512	ug/l	96
68) m/p-Xylenes	9.697	106	49839	7.793	ug/l	82
69) o-Xylene	10.105	106	45544	7.173	ug/l	89
73) Isopropylbenzene	10.488	105	175099	11.247	ug/l	96
78) n-propylbenzene	10.909	91	279661	14.783	ug/l	95
80) 1,3,5-Trimethylbenzene	11.092	105	307292	22.608	ug/l	94
83) tert-Butylbenzene	11.423	119	21615	1.617	ug/l	89
84) 1,2,4-Trimethylbenzene	11.472	105	790006	59.164	ug/l	94
85) sec-Butylbenzene	11.645	105	217483	12.939	ug/l	94
86) p-Isopropyltoluene	11.796	119	97678	7.186	ug/l	96
89) n-Butylbenzene	12.211	91	219400	17.436	ug/l	# 59

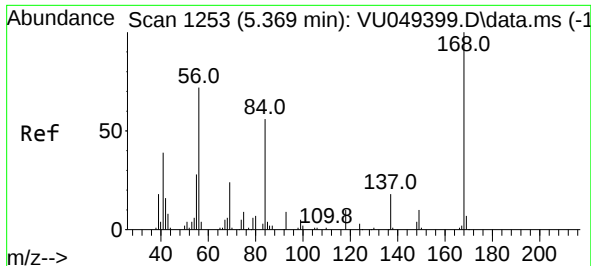
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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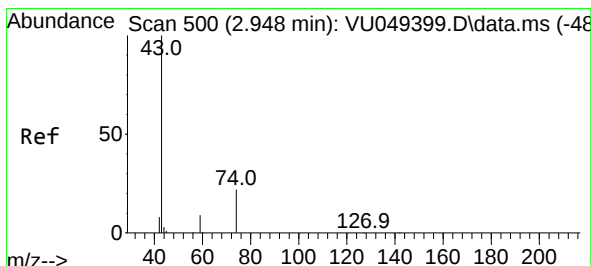
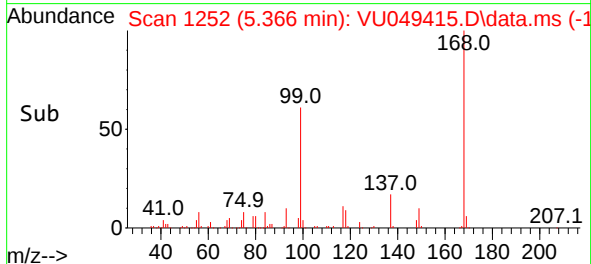
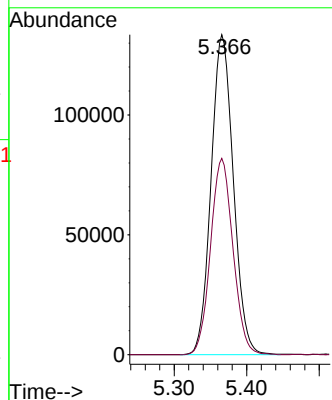
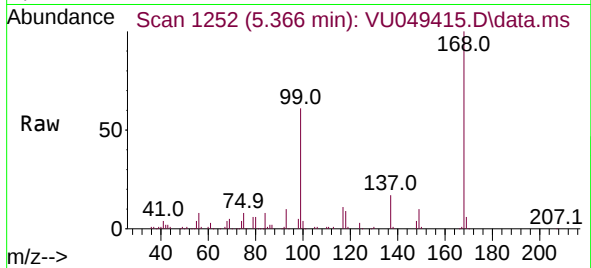




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

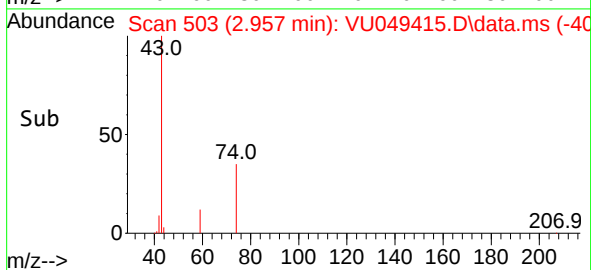
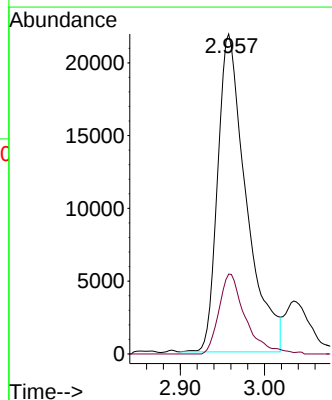
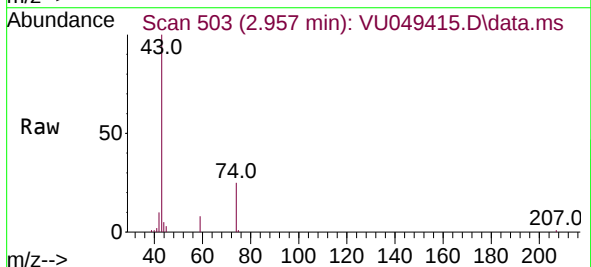
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-5

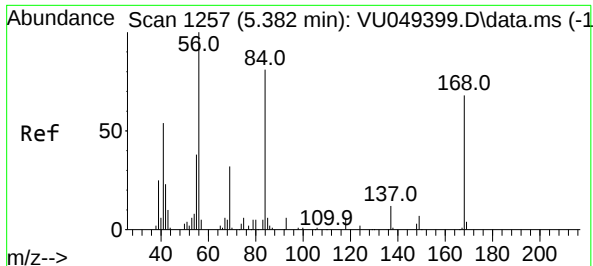
Tgt Ion:168 Resp: 284935
Ion Ratio Lower Upper
168 100
99 61.3 39.3 58.9#



#18
Methyl Acetate
Concen: 8.562 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion: 43 Resp: 51293
Ion Ratio Lower Upper
43 100
74 23.1 22.5 33.7

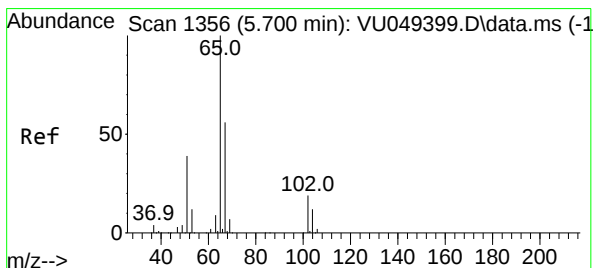
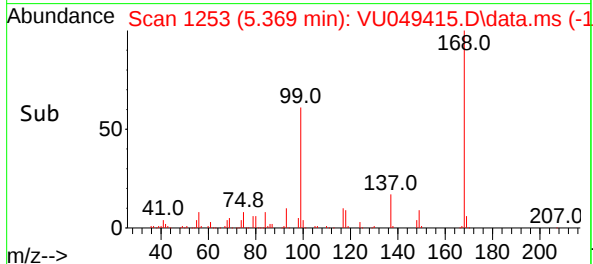
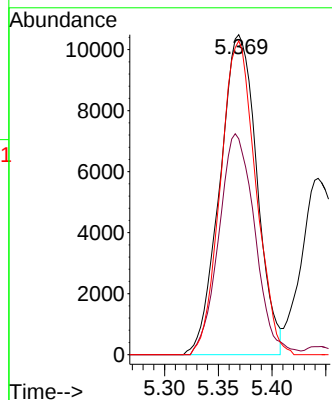
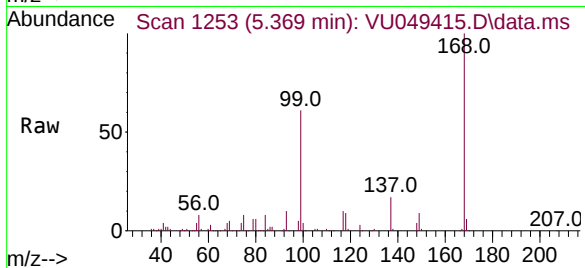




#31
Cyclohexane
Concen: 3.803 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

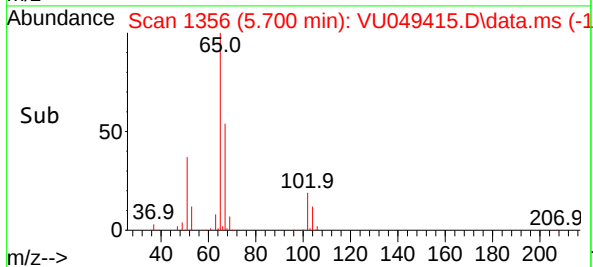
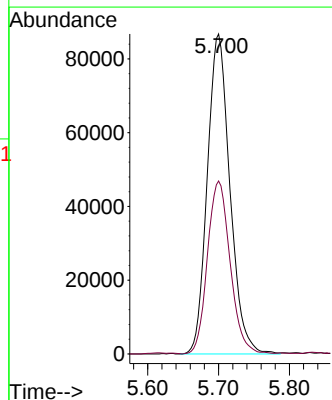
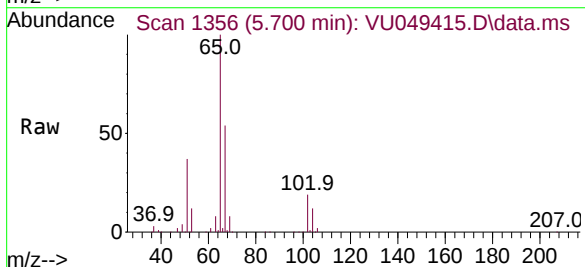
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-5

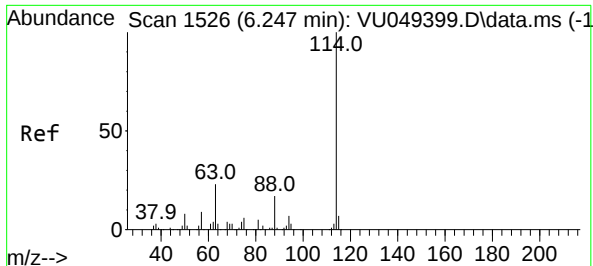
Tgt Ion: 56 Resp: 25059
Ion Ratio Lower Upper
56 100
69 67.5 27.8 41.8#
84 98.0 74.2 111.4



#33
1,2-Dichloroethane-d4
Concen: 43.888 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion: 65 Resp: 192589
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.0

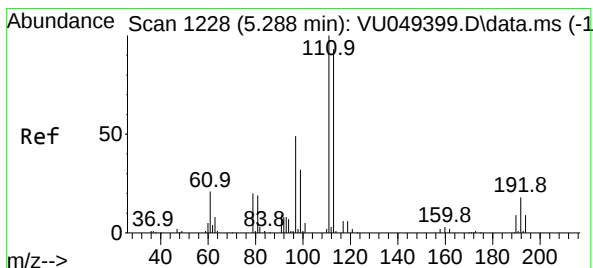
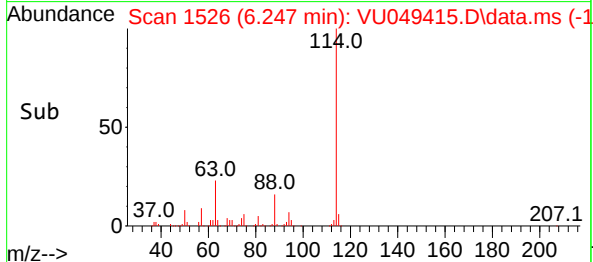
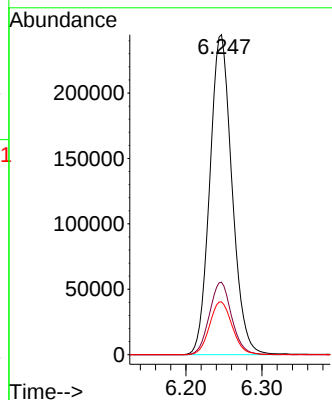
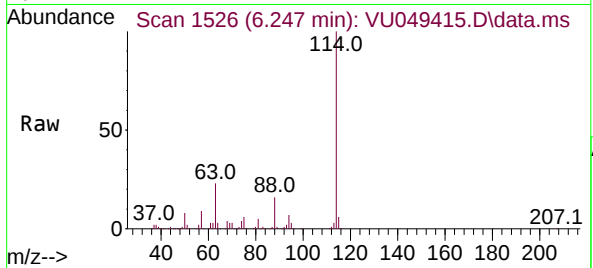




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 114
Delta R.T. 0.000 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

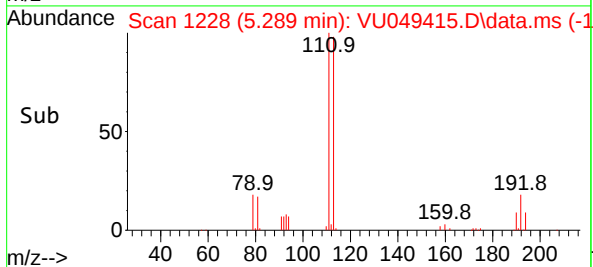
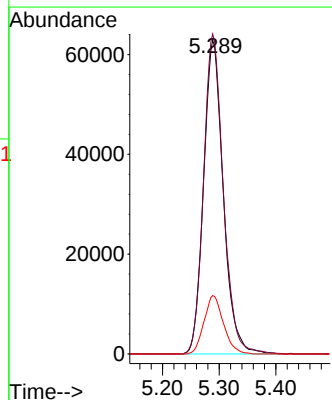
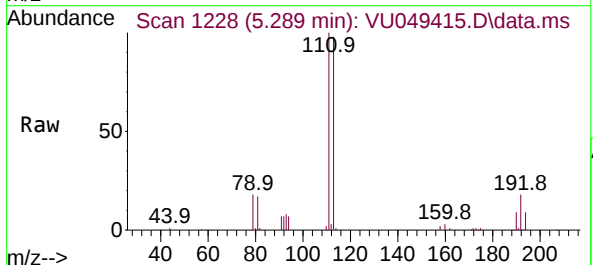
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-5

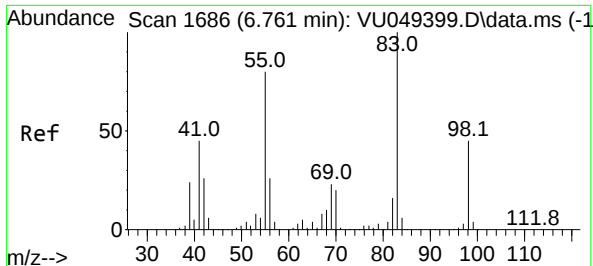
Tgt Ion:114 Resp: 495617
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 16.5 0.0 29.2



#35
Dibromofluoromethane
Concen: 43.713 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion:113 Resp: 151574
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 18.4 18.0 27.0





#39

Methylcyclohexane

Concen: 27.296 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049415.D

Acq: 27 Jun 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

WC-14A-1A-5

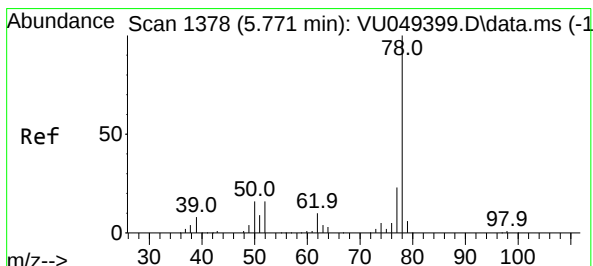
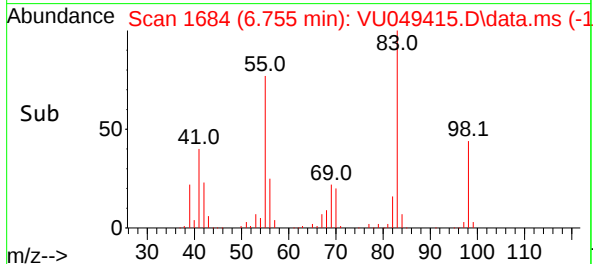
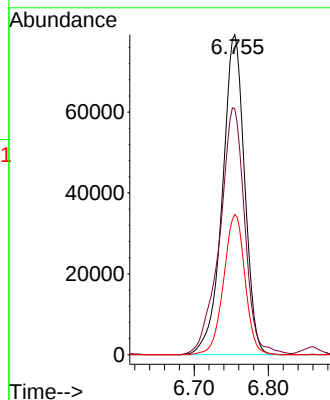
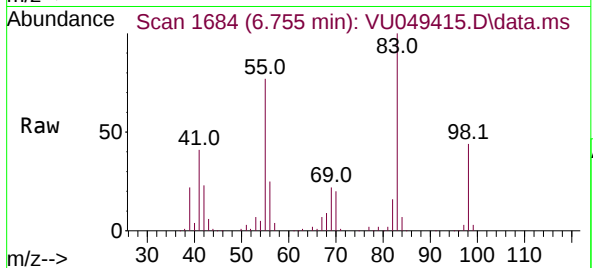
Tgt Ion: 83 Resp: 164499

Ion Ratio Lower Upper

83 100

55 76.9 55.3 82.9

98 43.8 37.3 55.9



#40

Benzene

Concen: 2.205 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU049415.D

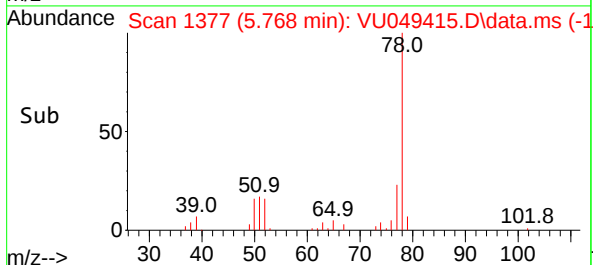
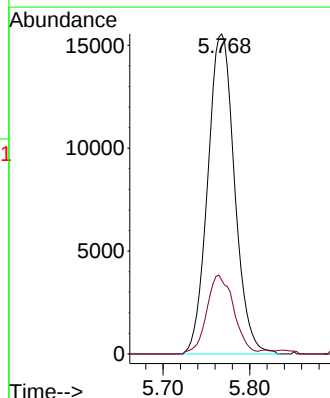
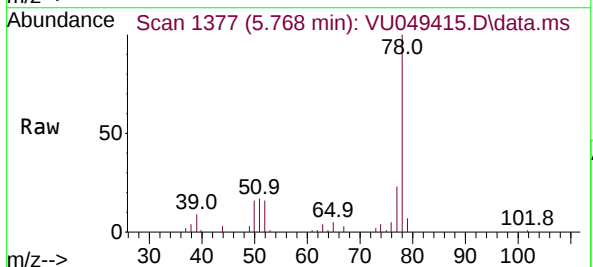
Acq: 27 Jun 2022 19:52

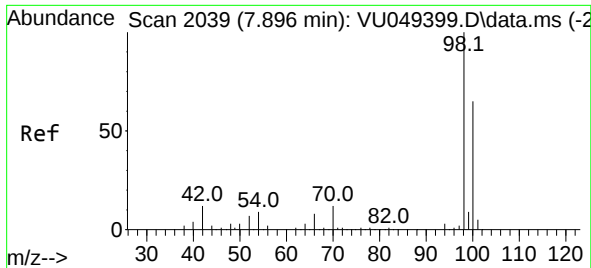
Tgt Ion: 78 Resp: 33466

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2

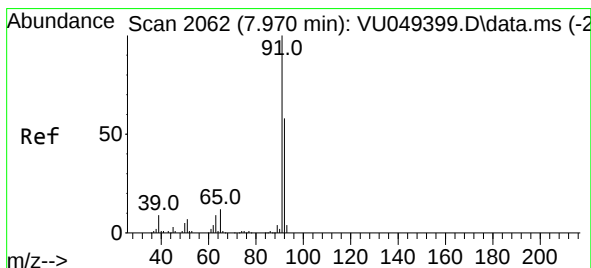
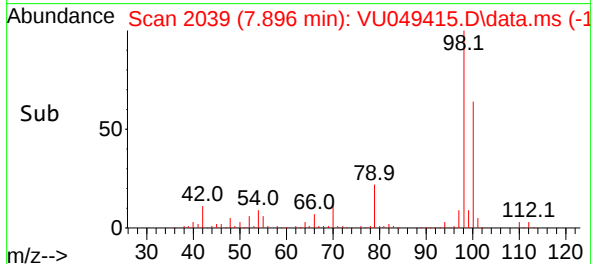
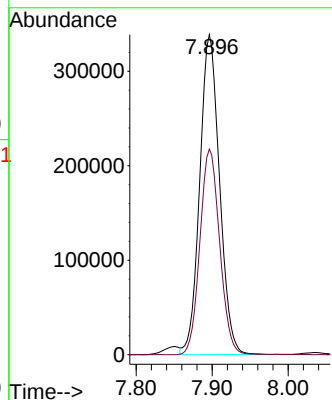
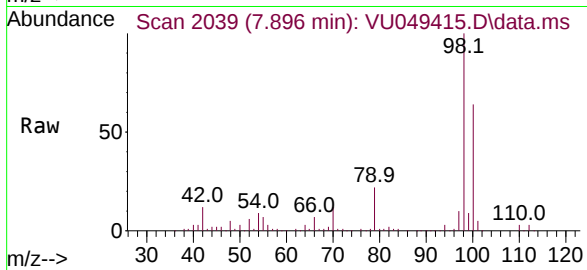




#50
Toluene-d8
Concen: 49.470 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

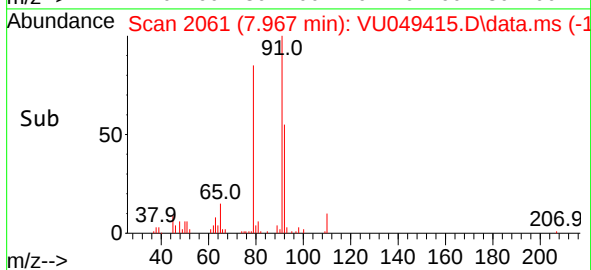
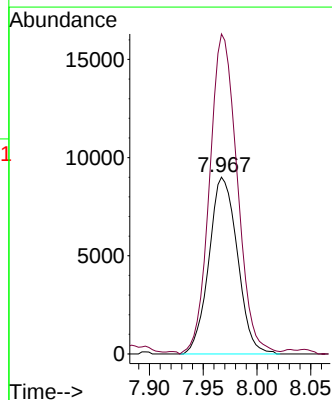
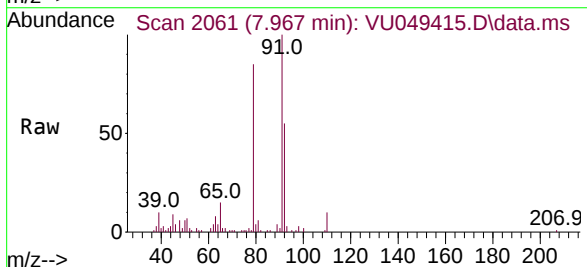
Instrument :
MSVOA_U
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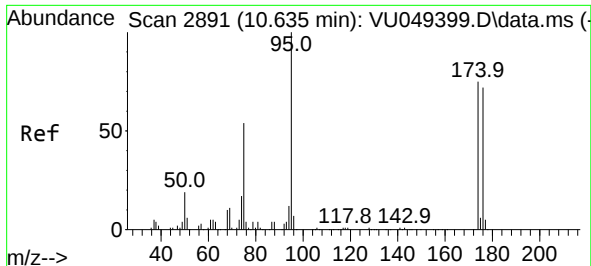
Tgt Ion: 98 Resp: 611819
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#52
Toluene
Concen: 1.836 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion: 92 Resp: 16563
Ion Ratio Lower Upper
92 100
91 176.6 138.2 207.4

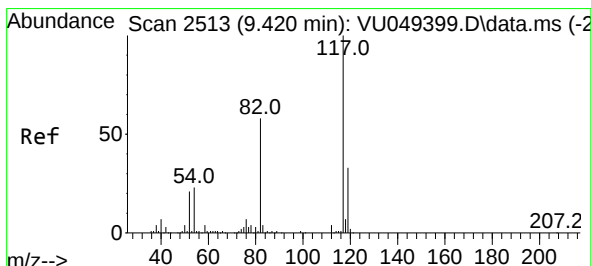
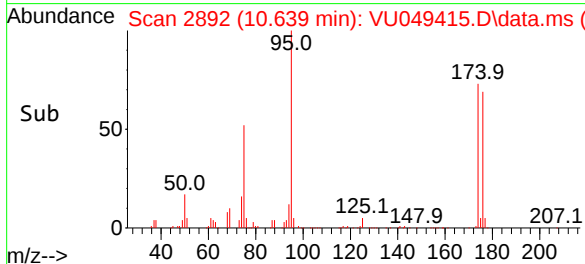
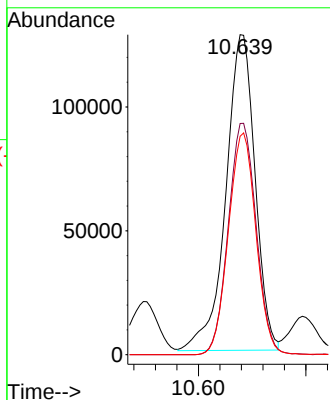
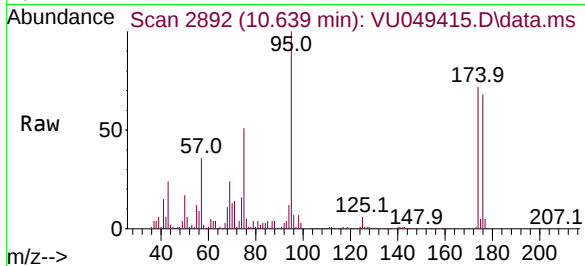




#62
4-Bromofluorobenzene
Concen: 50.837 ug/l
RT: 10.639 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

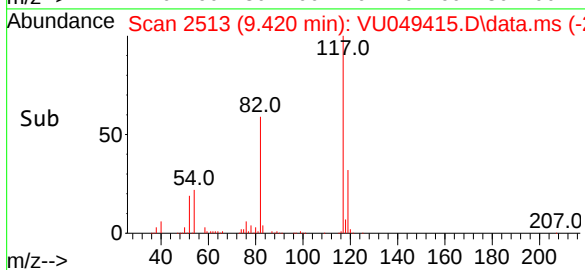
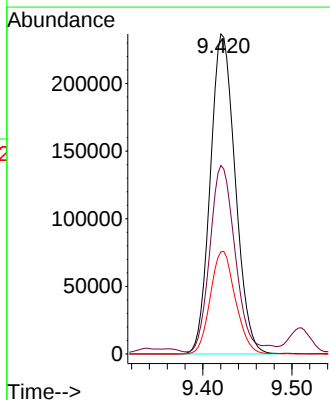
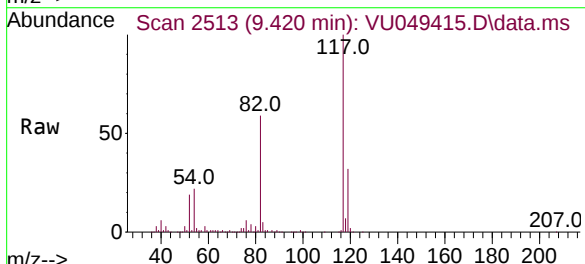
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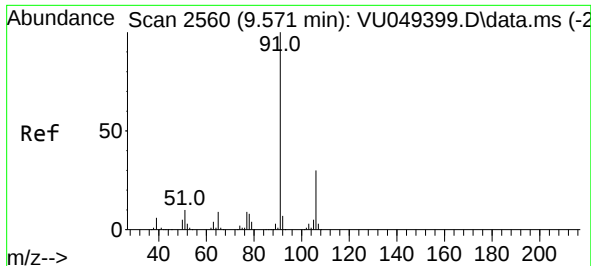
Tgt Ion: 95 Resp: 240843
Ion Ratio Lower Upper
95 100
174 69.9 0.0 182.0
176 66.2 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion: 117 Resp: 460531
Ion Ratio Lower Upper
117 100
82 57.7 41.7 62.5
119 31.9 25.7 38.5





#67

Ethyl Benzene

Concen: 2.512 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049415.D

Acq: 27 Jun 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

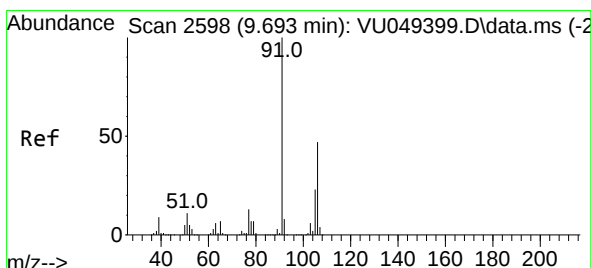
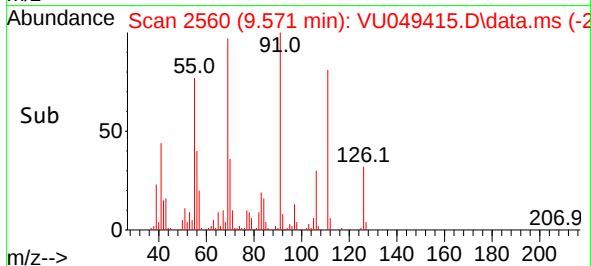
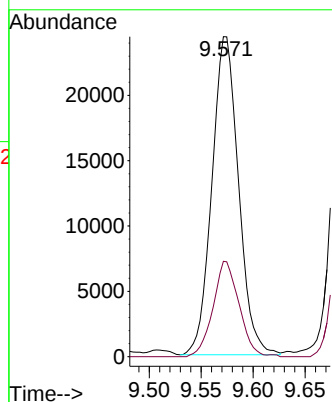
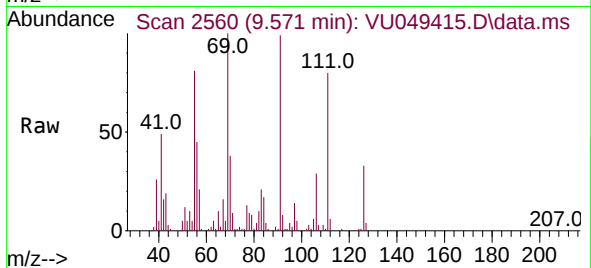
WC-14A-1A-5

Tgt Ion: 91 Resp: 43416

Ion Ratio Lower Upper

91 100

106 30.0 25.6 38.4



#68

m/p-Xylenes

Concen: 7.793 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU049415.D

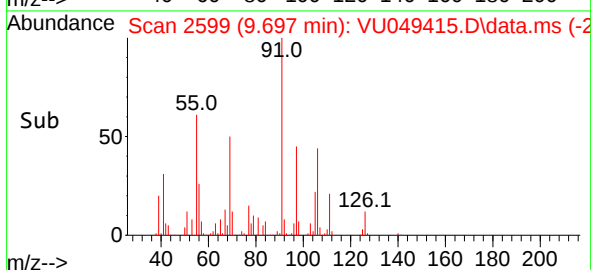
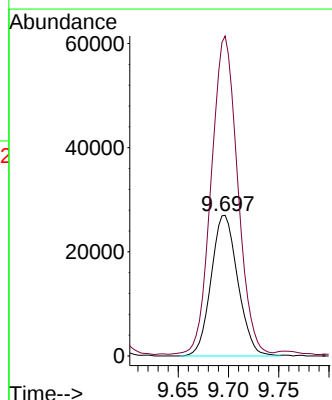
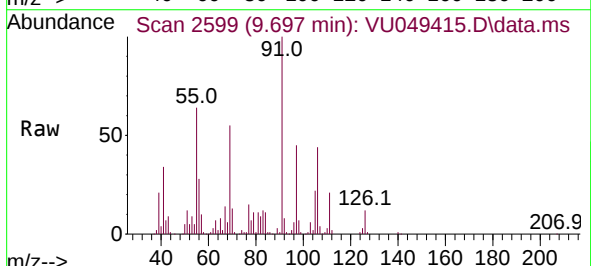
Acq: 27 Jun 2022 19:52

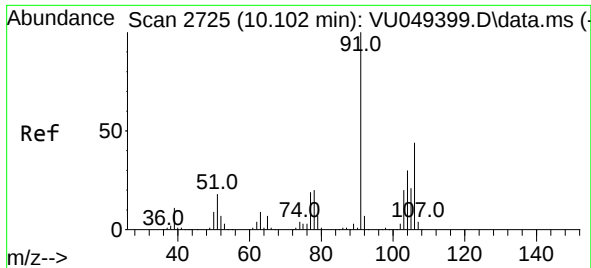
Tgt Ion:106 Resp: 49839

Ion Ratio Lower Upper

106 100

91 223.6 157.2 235.8

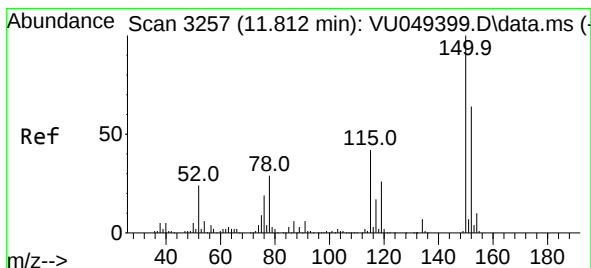
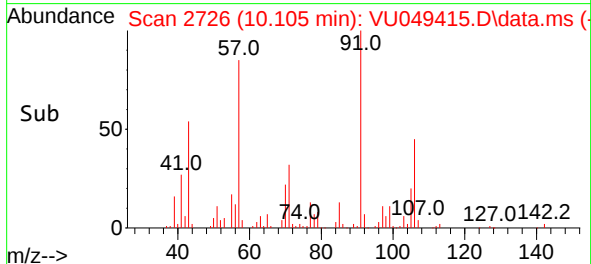
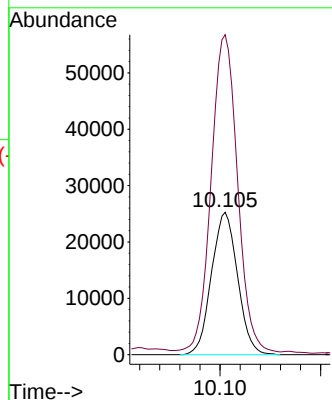
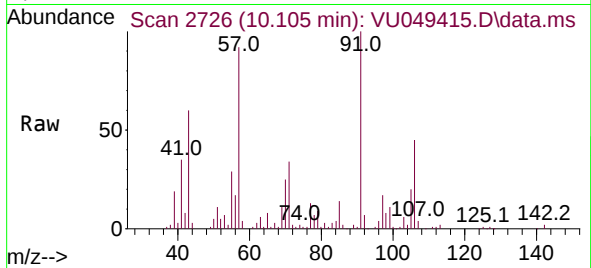




#69
o-Xylene
Concen: 7.173 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

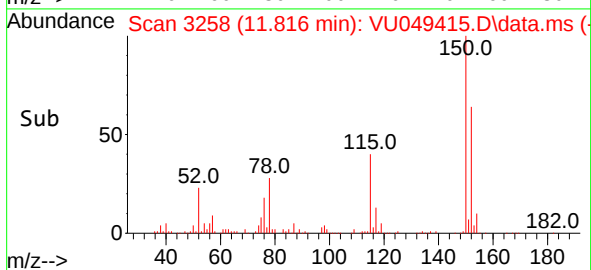
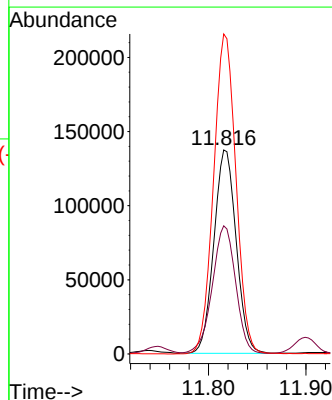
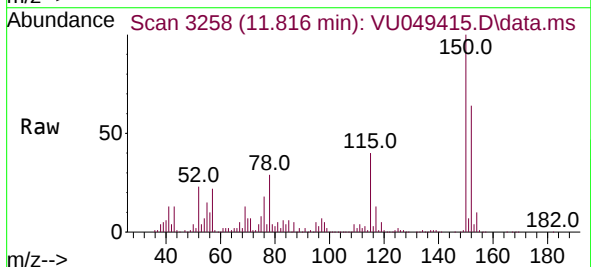
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-5

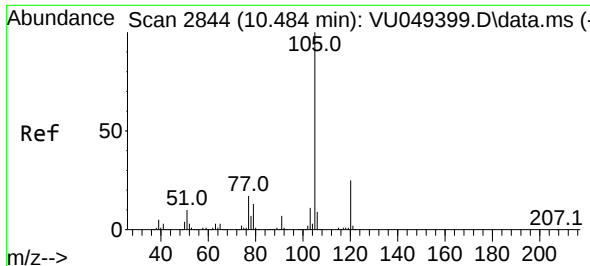
Tgt Ion:106 Resp: 45544
Ion Ratio Lower Upper
106 100
91 223.8 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion:152 Resp: 218557
Ion Ratio Lower Upper
152 100
115 65.8 37.0 110.9
150 157.7 0.0 342.2

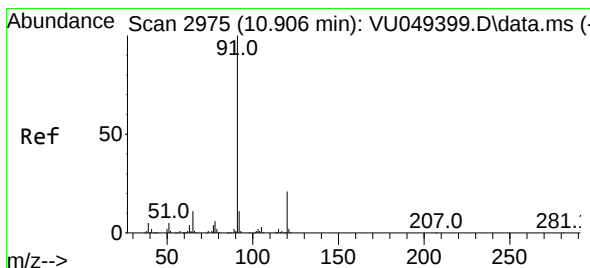
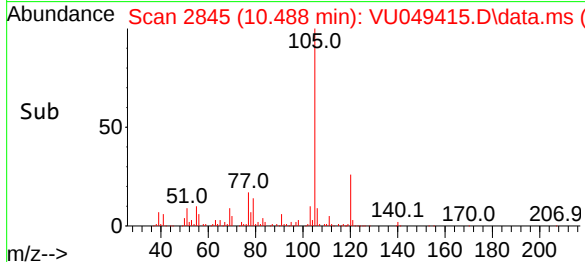
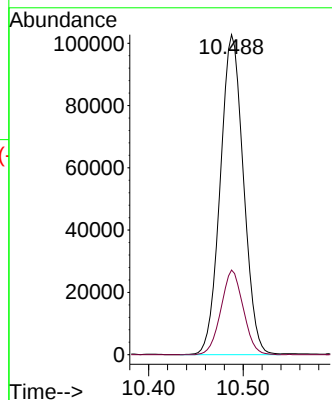
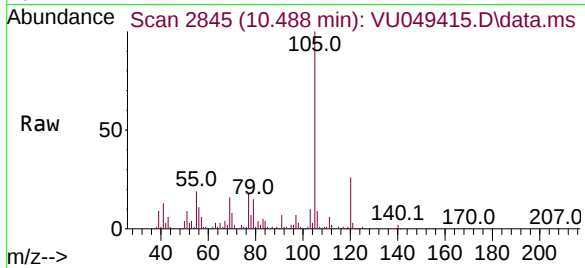




#73
Isopropylbenzene
Concen: 11.247 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

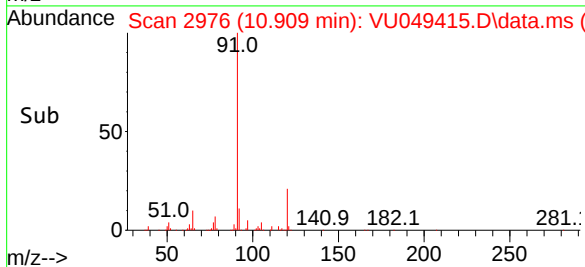
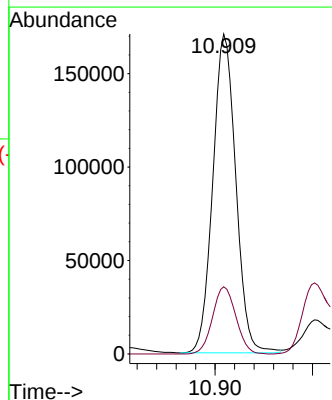
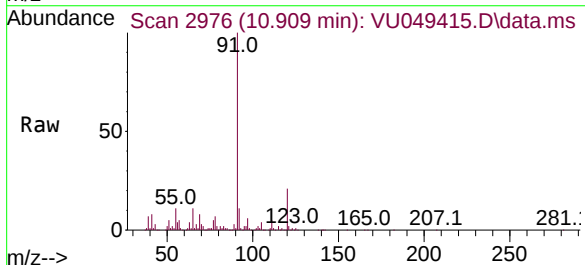
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-5

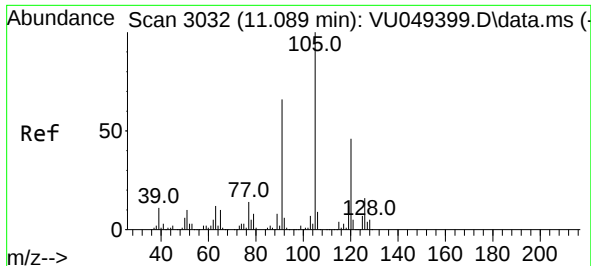
Tgt Ion:105 Resp: 175099
Ion Ratio Lower Upper
105 100
120 25.3 13.8 41.4



#78
n-propylbenzene
Concen: 14.783 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion: 91 Resp: 279661
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.5

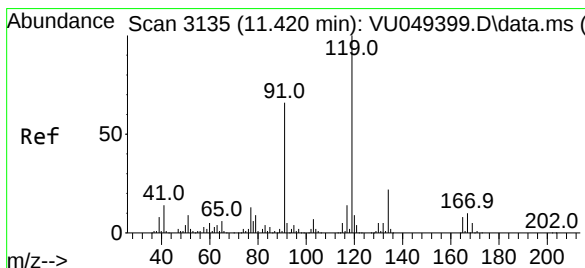
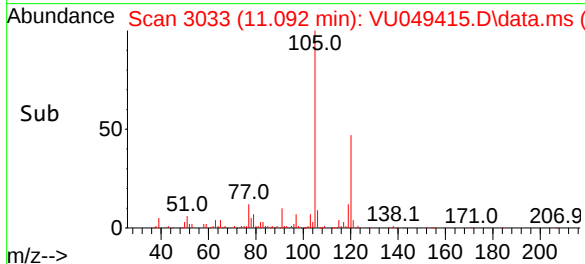
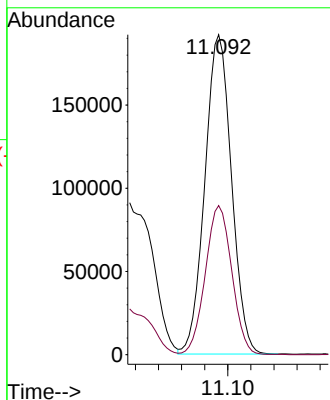
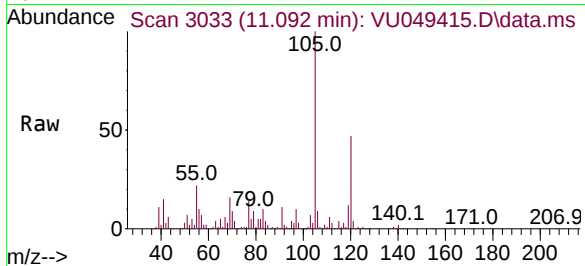




#80
 1,3,5-Trimethylbenzene
 Concen: 22.608 ug/l
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VU049415.D
 Acq: 27 Jun 2022 19:52

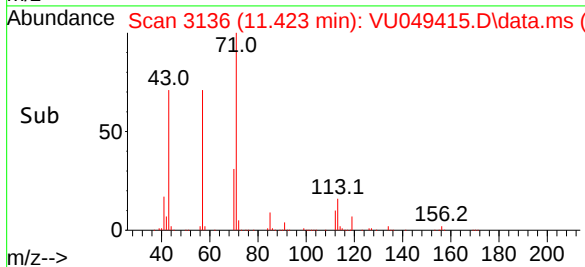
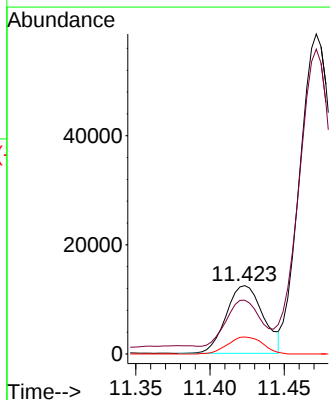
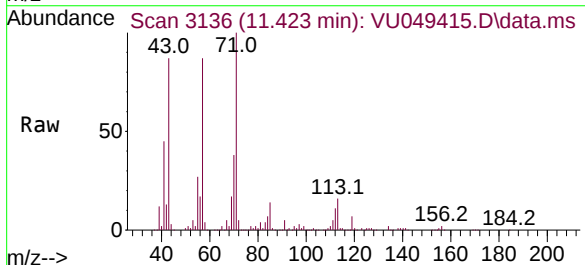
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14A-1A-5

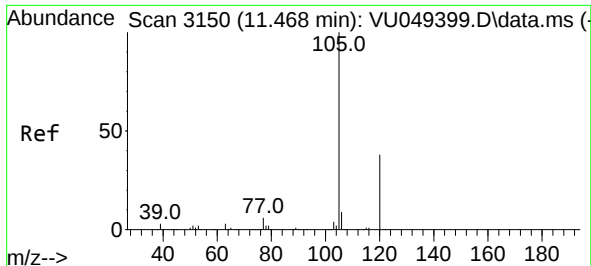
Tgt Ion:105 Resp: 307292
 Ion Ratio Lower Upper
 105 100
 120 46.3 25.3 75.9



#83
 tert-Butylbenzene
 Concen: 1.617 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. 0.003 min
 Lab File: VU049415.D
 Acq: 27 Jun 2022 19:52

Tgt Ion:119 Resp: 21615
 Ion Ratio Lower Upper
 119 100
 91 63.9 26.8 80.3
 134 23.7 11.5 34.5

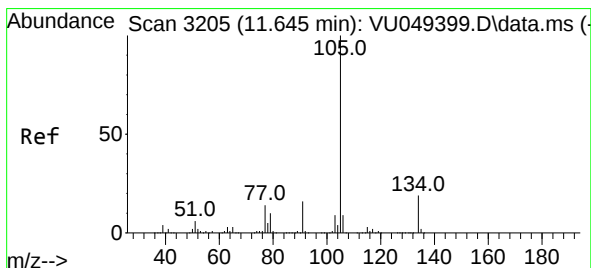
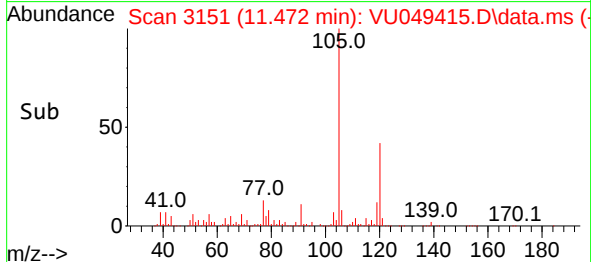
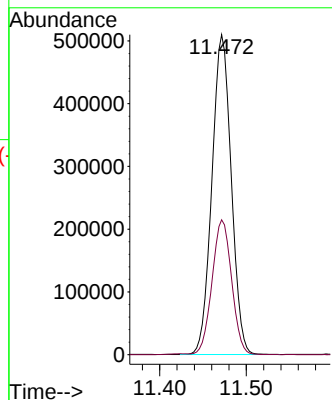
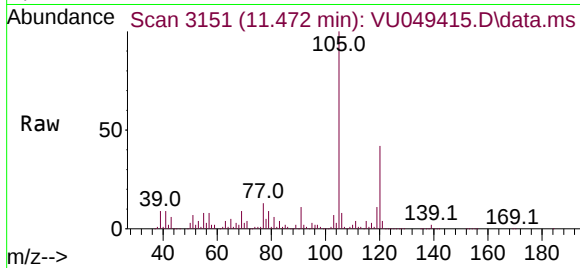




#84
1,2,4-Trimethylbenzene
Concen: 59.164 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

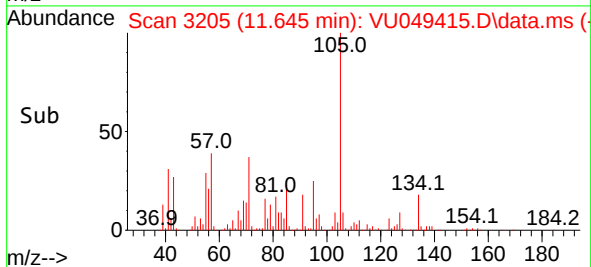
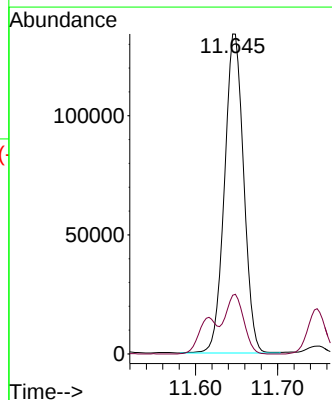
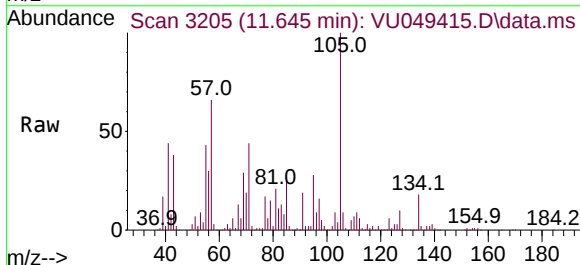
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-5

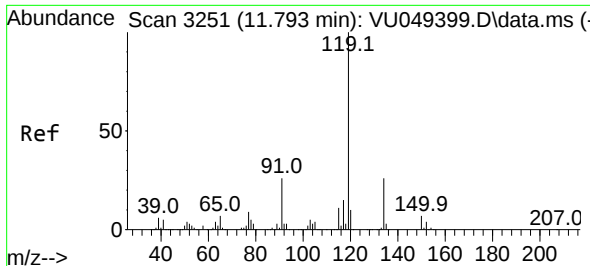
Tgt Ion:105 Resp: 790006
Ion Ratio Lower Upper
105 100
120 42.7 23.4 70.3



#85
sec-Butylbenzene
Concen: 12.939 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion:105 Resp: 217483
Ion Ratio Lower Upper
105 100
134 17.9 10.4 31.1

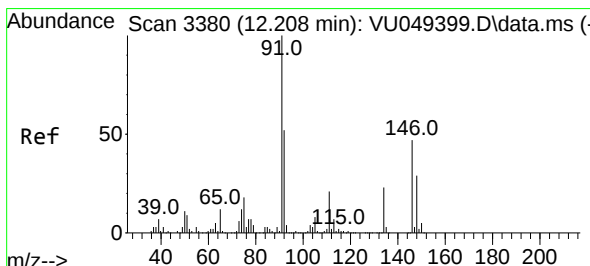
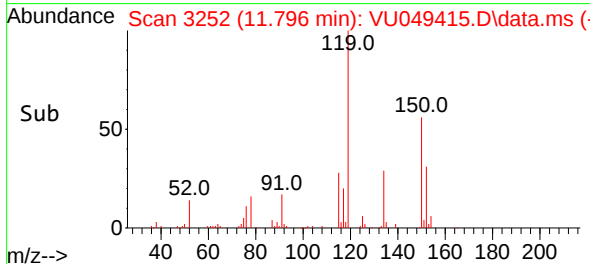
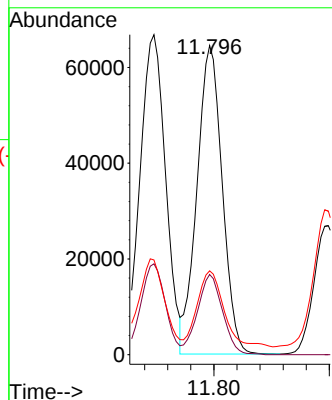
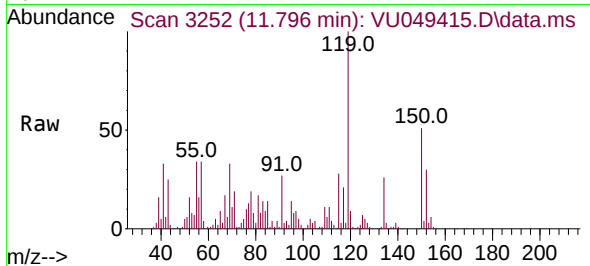




#86
p-Isopropyltoluene
Concen: 7.186 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-5

Tgt Ion:119 Resp: 97678
Ion Ratio Lower Upper
119 100
134 26.0 13.5 40.4
91 25.5 11.2 33.5



#89
n-Butylbenzene
Concen: 17.436 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049415.D
Acq: 27 Jun 2022 19:52

Tgt Ion: 91 Resp: 219400
Ion Ratio Lower Upper
91 100
92 38.6 26.2 78.6
134 69.7 13.5 40.4#

