

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049457.D
 Acq On : 28 Jun 2022 14:47
 Operator : SY/MD
 Sample : N3454-08DL 10X
 Misc : 5.23G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jun 28 17:12:28 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)

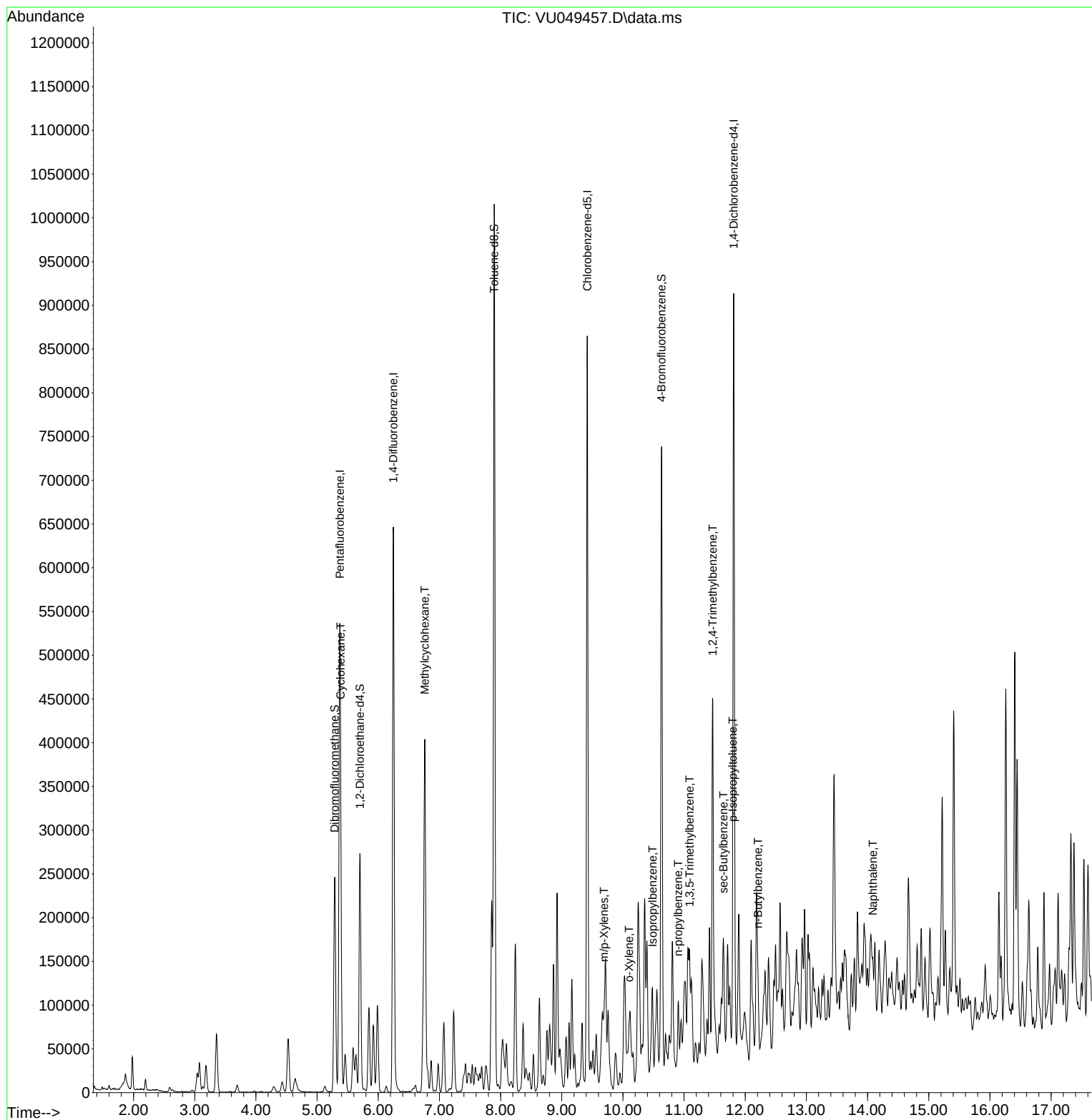
Internal Standards						
1) Pentafluorobenzene	5.372	168	300566	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	527198	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	475552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	224715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	204001	44.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.140%
35) Dibromofluoromethane	5.288	113	161475	43.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.560%
50) Toluene-d8	7.896	98	642906	48.869	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	10.632	95	234666	46.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.385	56	80218	11.541	ug/l	92
39) Methylcyclohexane	6.761	83	180311	28.127	ug/l	91
68) m/p-Xylenes	9.693	106	13365	2.024	ug/l	91
69) o-Xylene	10.098	106	12949	1.975	ug/l	98
73) Isopropylbenzene	10.484	105	53064	3.315	ug/l	95
78) n-propylbenzene	10.906	91	59771	3.073	ug/l	96
80) 1,3,5-Trimethylbenzene	11.089	105	56236	4.024	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	200815	14.627	ug/l	96
85) sec-Butylbenzene	11.642	105	41588	2.406	ug/l	97
86) p-Isopropyltoluene	11.793	119	17989	1.287	ug/l	92
89) n-Butylbenzene	12.208	91	31757	2.455	ug/l	# 60
95) Naphthalene	14.085	128	57551	4.894	ug/l	# 92

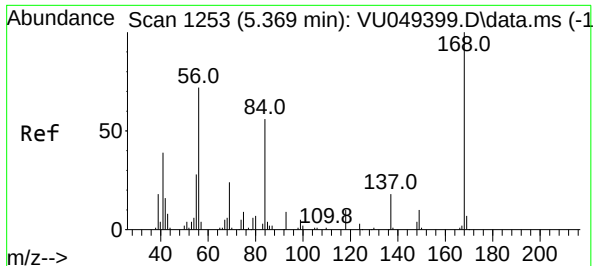
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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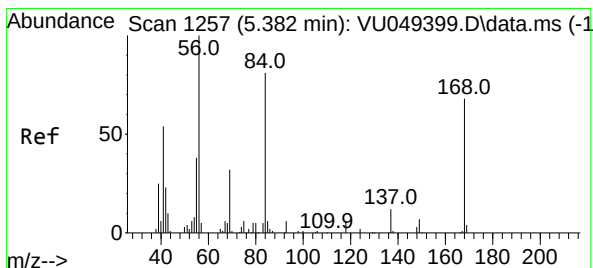
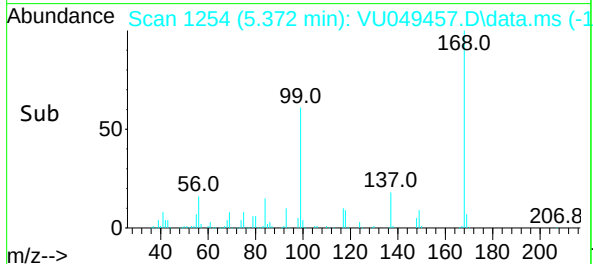
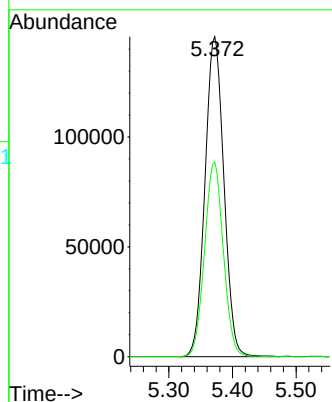
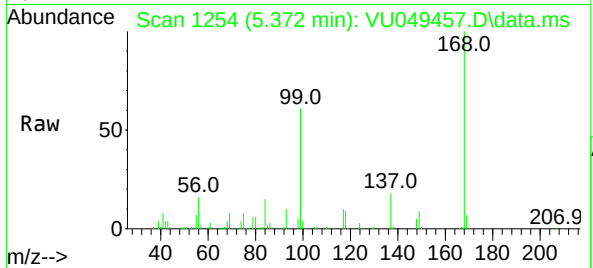




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

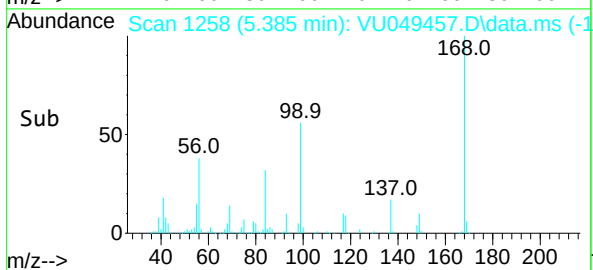
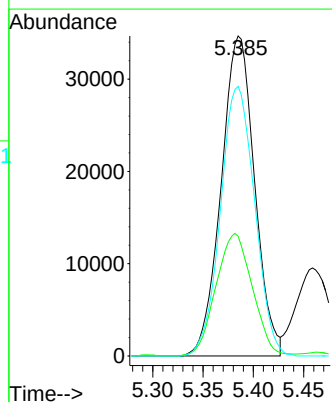
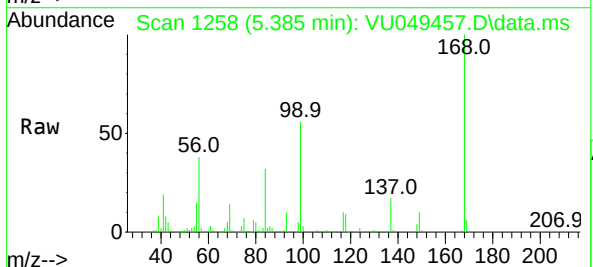
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1DL

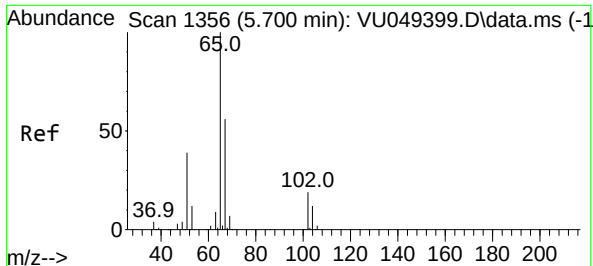
Tgt Ion:168 Resp: 300566
Ion Ratio Lower Upper
168 100
99 60.9 39.3 58.9#



#31
Cyclohexane
Concen: 11.541 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

Tgt Ion: 56 Resp: 80218
Ion Ratio Lower Upper
56 100
69 37.4 27.8 41.8
84 84.3 74.2 111.4





#33

1,2-Dichloroethane-d4

Concen: 44.071 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049457.D

Acq: 28 Jun 2022 14:47

Instrument :

MSVOA_U

ClientSampleId :

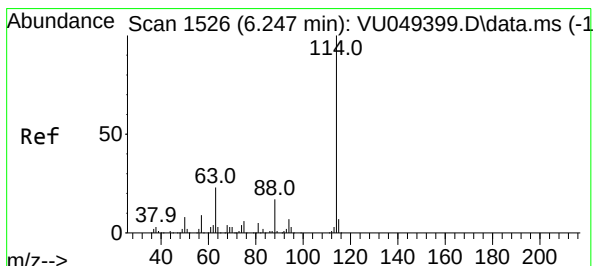
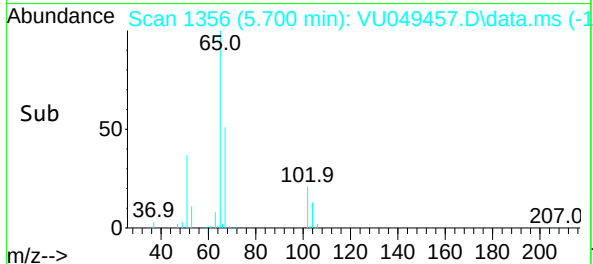
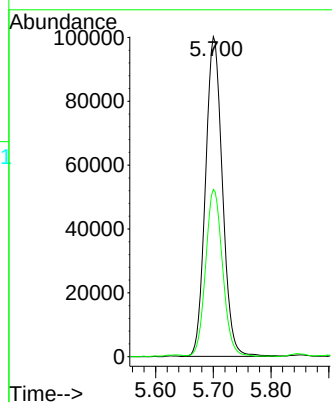
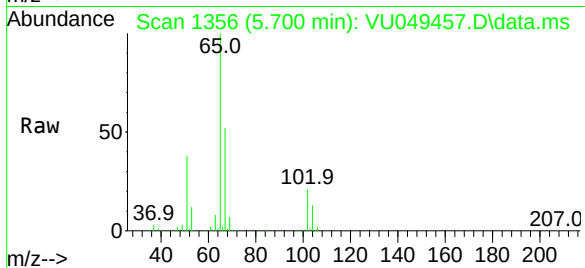
WC-14A-1A-1DL

Tgt Ion: 65 Resp: 204001

Ion Ratio Lower Upper

65 100

67 52.0 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: VU049457.D

Acq: 28 Jun 2022 14:47

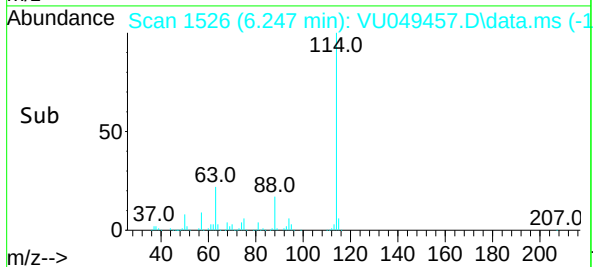
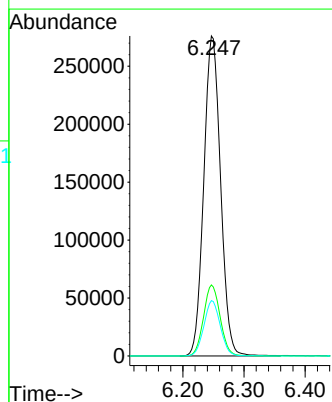
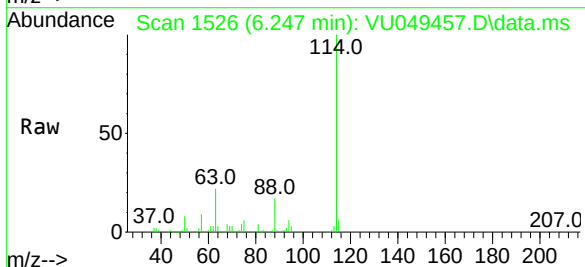
Tgt Ion: 114 Resp: 527198

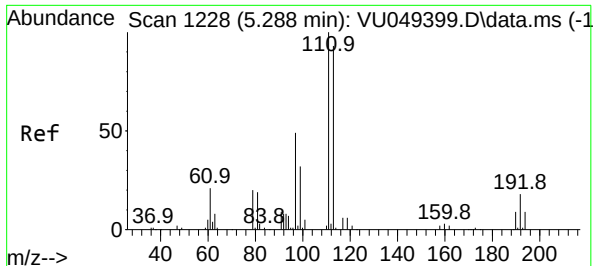
Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.8

88 17.3 0.0 29.2

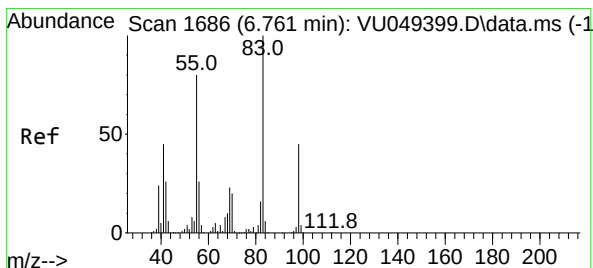
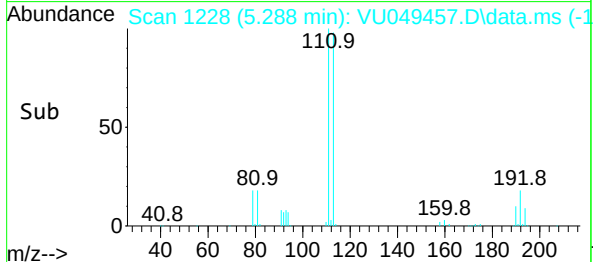
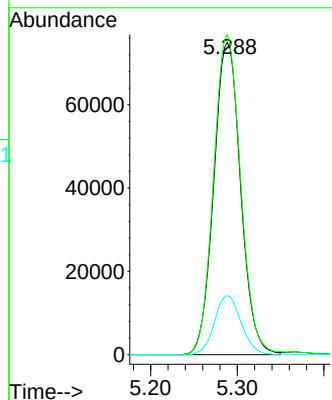
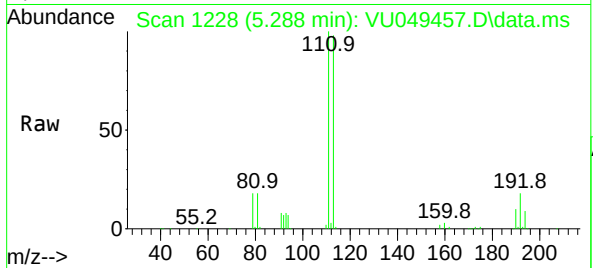




#35
Dibromofluoromethane
Concen: 43.779 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

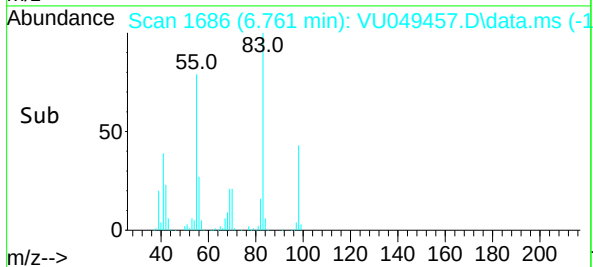
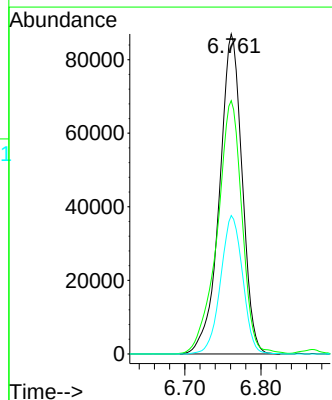
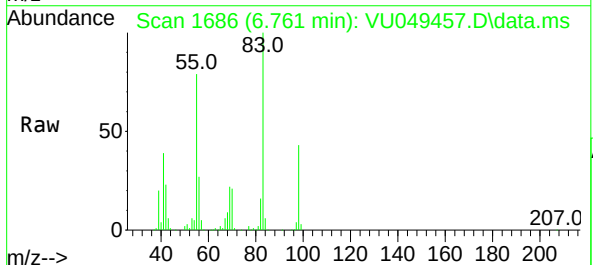
Instrument :
MSVOA_U
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WC-14A-1A-1DL

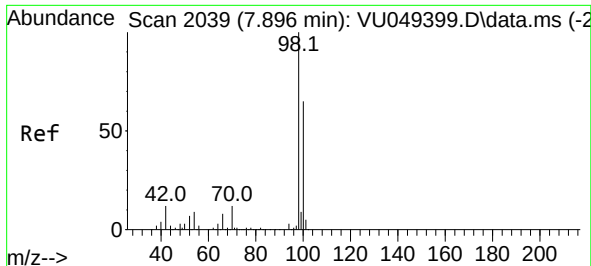
Tgt Ion:113 Resp: 161475
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 18.8 18.0 27.0



#39
Methylcyclohexane
Concen: 28.127 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

Tgt Ion: 83 Resp: 180311
Ion Ratio Lower Upper
83 100
55 79.0 55.3 82.9
98 43.3 37.3 55.9

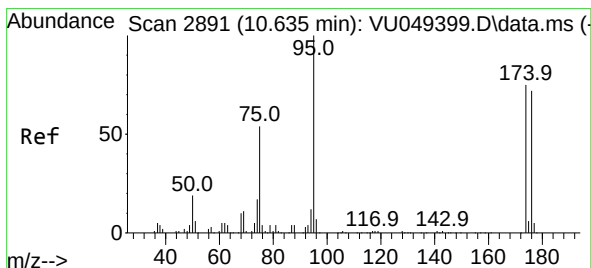
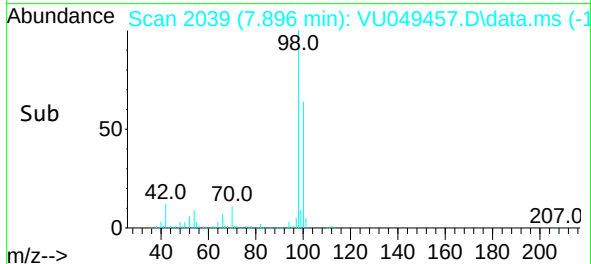
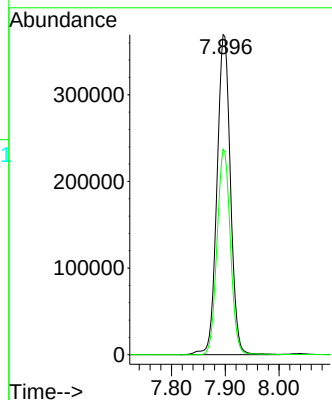
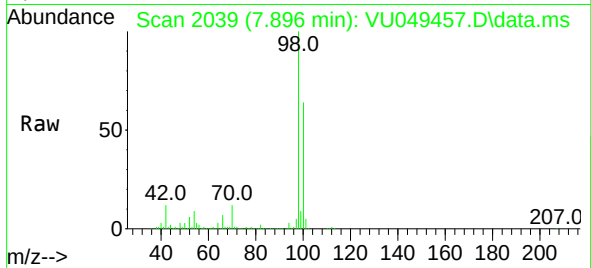




#50
Toluene-d8
Concen: 48.869 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

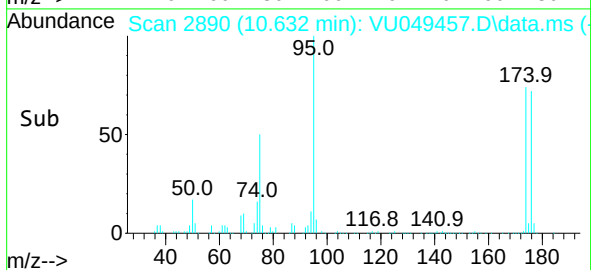
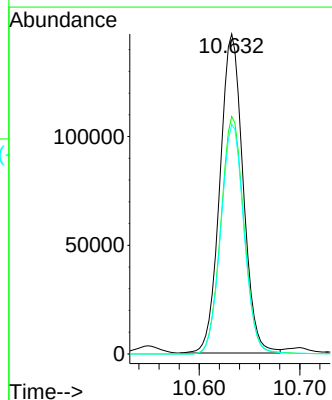
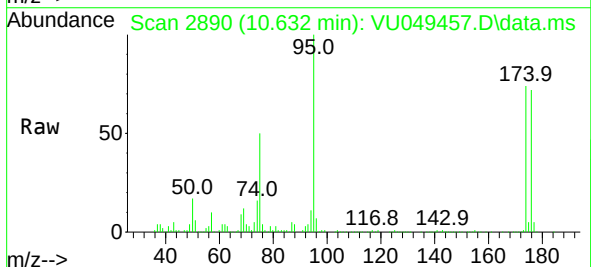
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1DL

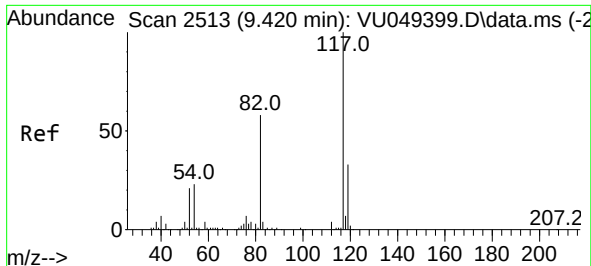
Tgt Ion: 98 Resp: 642906
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

Tgt Ion: 95 Resp: 234666
Ion Ratio Lower Upper
95 100
174 74.6 0.0 182.0
176 72.1 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2512

Delta R.T. -0.003 min

Lab File: VU049457.D

Acq: 28 Jun 2022 14:47

Instrument :

MSVOA_U

ClientSampleId :

WC-14A-1A-1DL

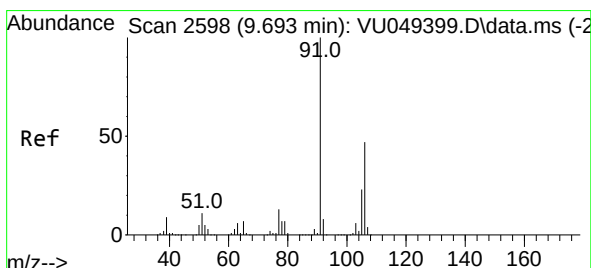
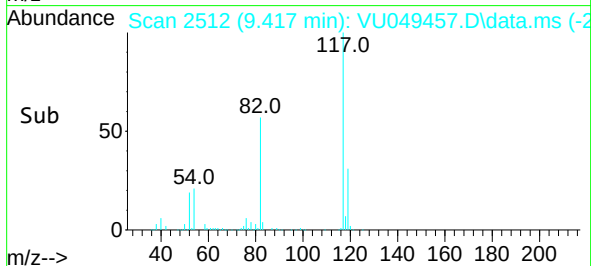
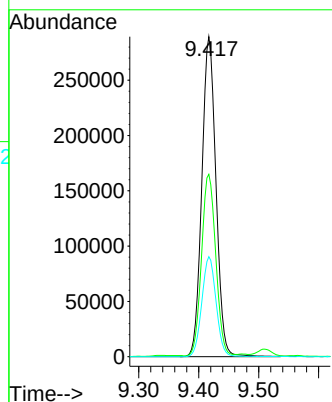
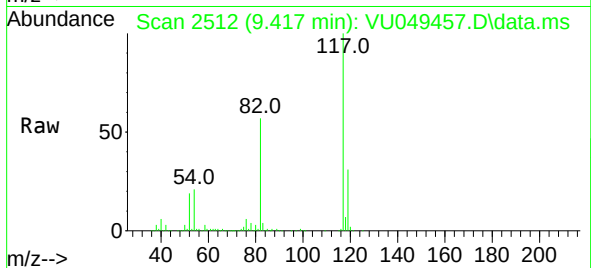
Tgt Ion:117 Resp: 475552

Ion Ratio Lower Upper

117 100

82 56.7 41.7 62.5

119 31.3 25.7 38.5



#68

m/p-Xylenes

Concen: 2.024 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049457.D

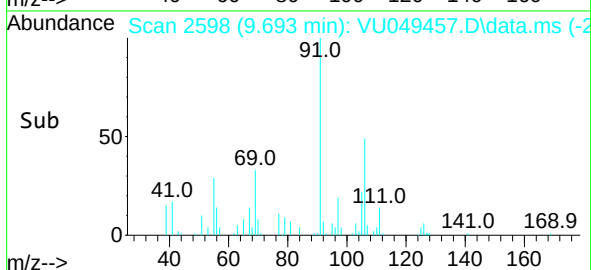
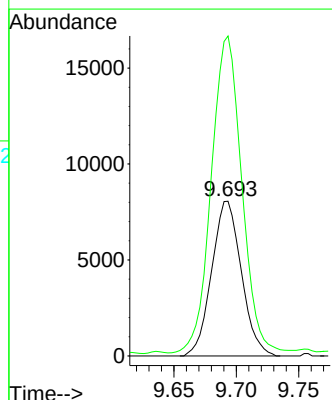
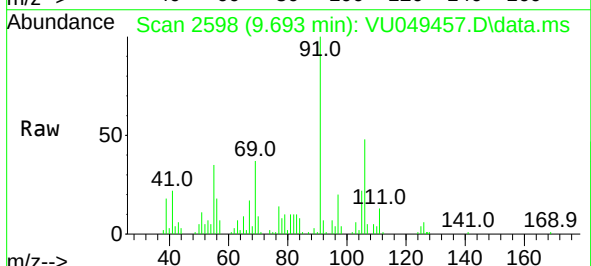
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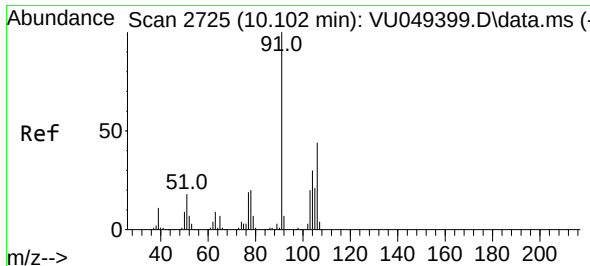
Tgt Ion:106 Resp: 13365

Ion Ratio Lower Upper

106 100

91 210.0 157.2 235.8

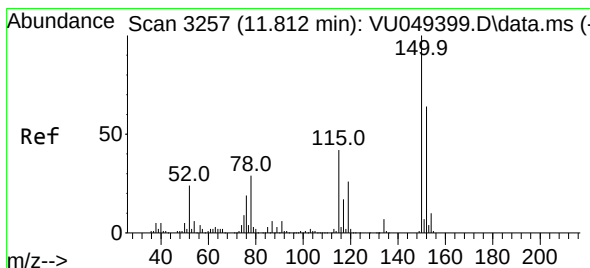
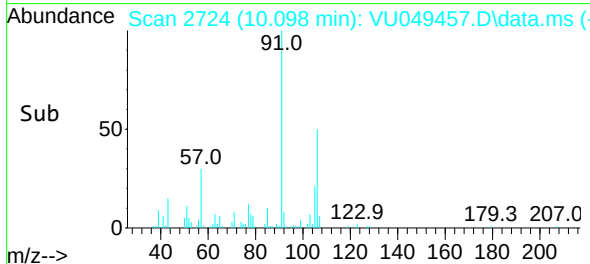
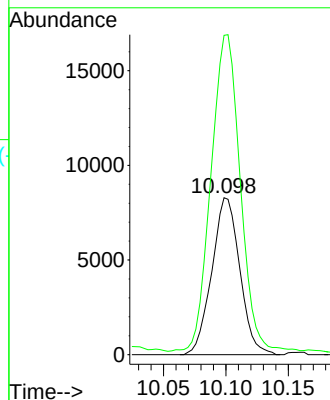
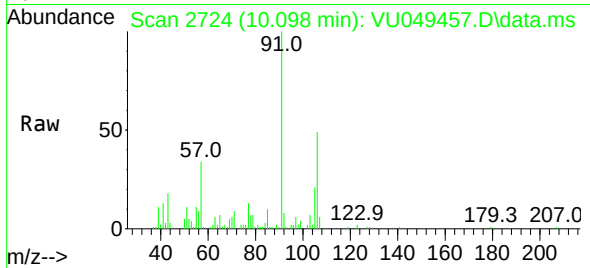




#69
o-Xylene
Concen: 1.975 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

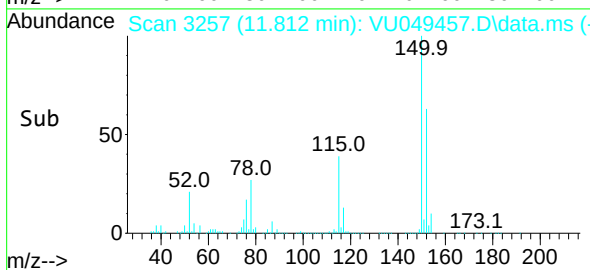
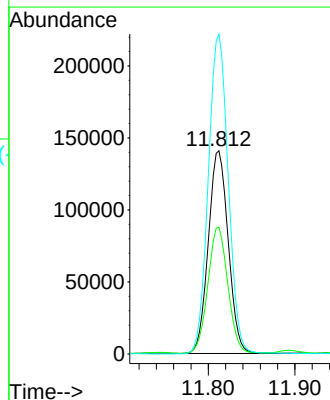
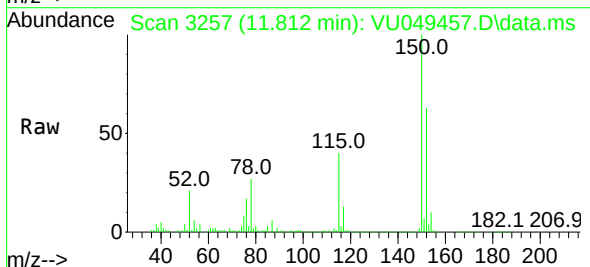
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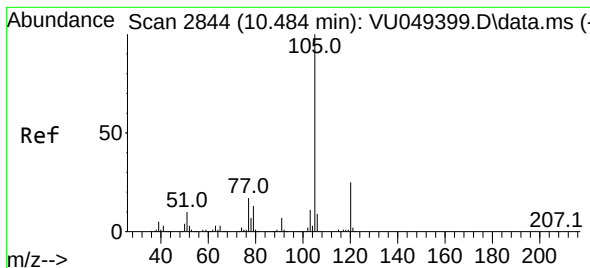
Tgt Ion:106 Resp: 12949
Ion Ratio Lower Upper
106 100
91 210.5 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

Tgt Ion:152 Resp: 224715
Ion Ratio Lower Upper
152 100
115 62.5 37.0 110.9
150 158.4 0.0 342.2





#73

Isopropylbenzene

Concen: 3.315 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU049457.D

Acq: 28 Jun 2022 14:47

Instrument :

MSVOA_U

ClientSampleId :

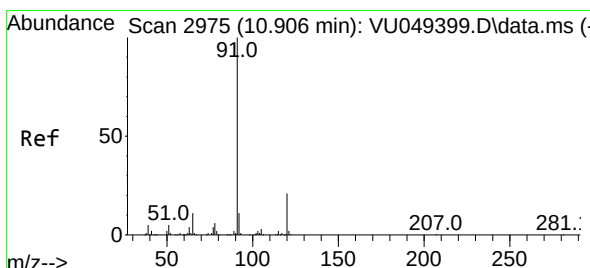
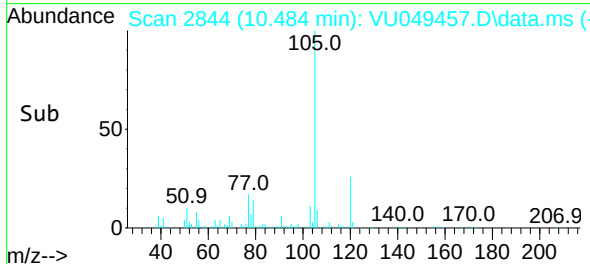
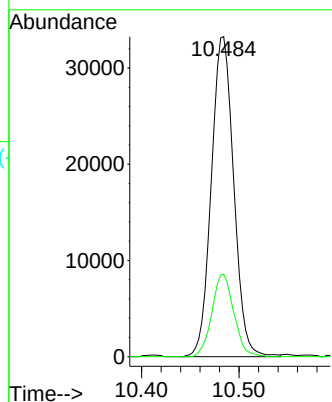
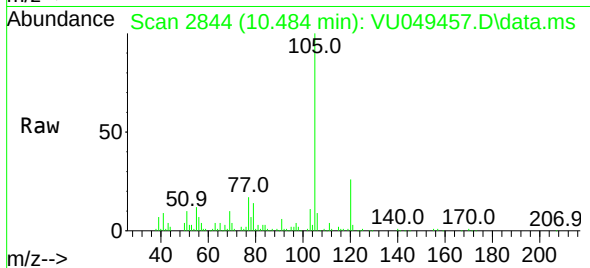
WC-14A-1A-1DL

Tgt Ion:105 Resp: 53064

Ion Ratio Lower Upper

105 100

120 25.2 13.8 41.4



#78

n-propylbenzene

Concen: 3.073 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU049457.D

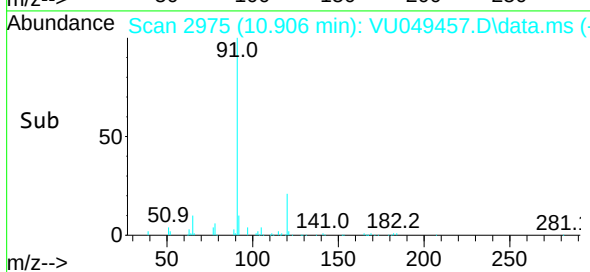
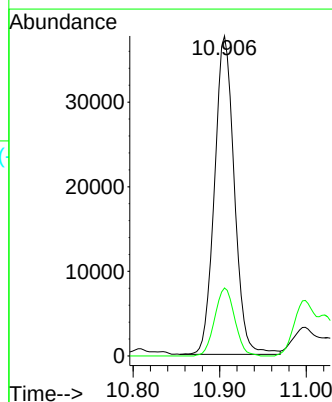
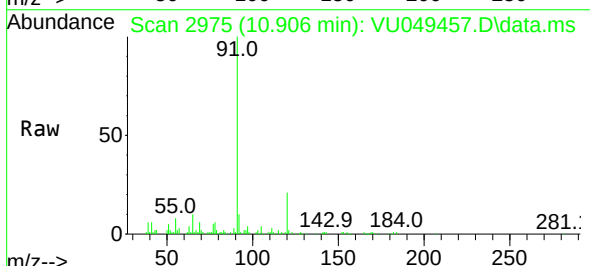
Acq: 28 Jun 2022 14:47

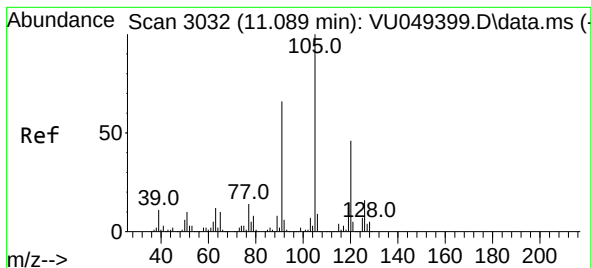
Tgt Ion: 91 Resp: 59771

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 4.024 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049457.D

Acq: 28 Jun 2022 14:47

Instrument :

MSVOA_U

ClientSampleId :

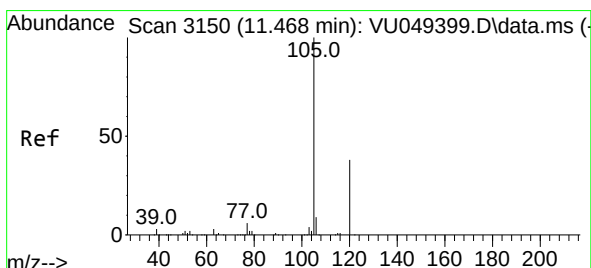
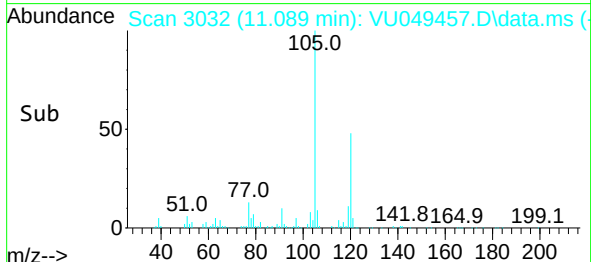
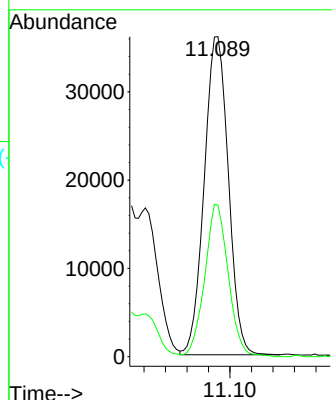
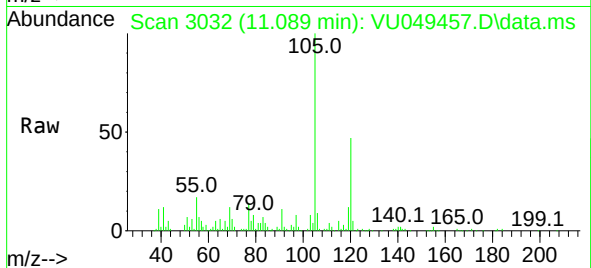
WC-14A-1A-1DL

Tgt Ion:105 Resp: 56236

Ion Ratio Lower Upper

105 100

120 46.8 25.3 75.9



#84

1,2,4-Trimethylbenzene

Concen: 14.627 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049457.D

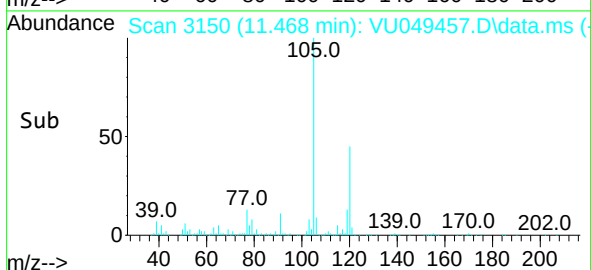
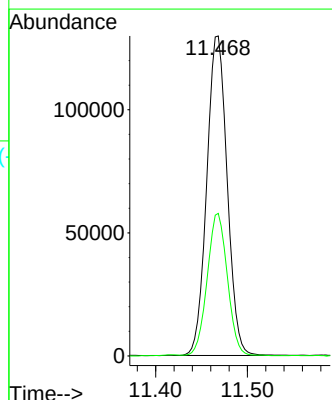
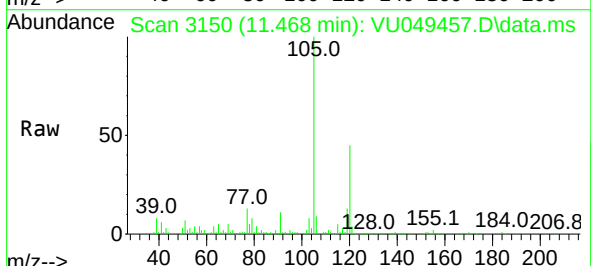
Acq: 28 Jun 2022 14:47

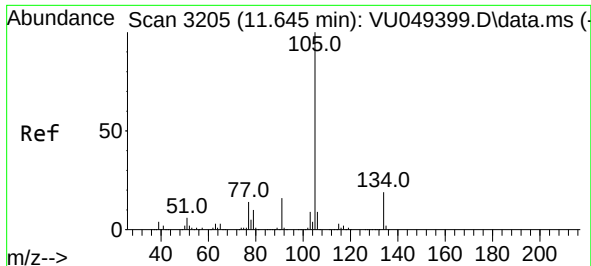
Tgt Ion:105 Resp: 200815

Ion Ratio Lower Upper

105 100

120 44.1 23.4 70.3

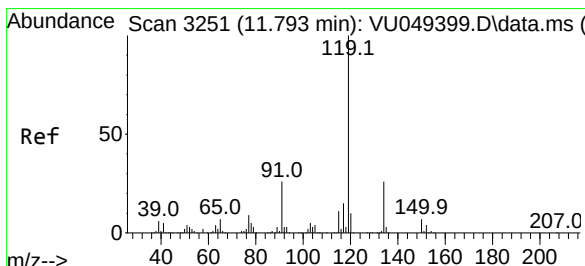
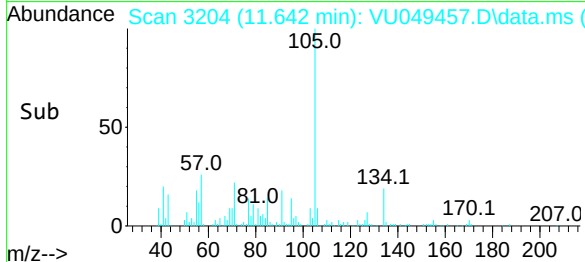
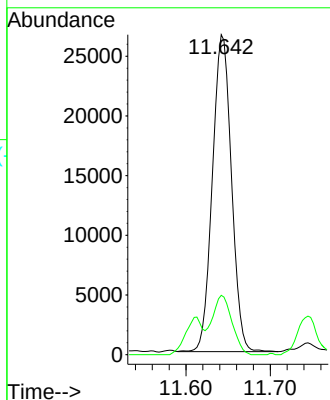
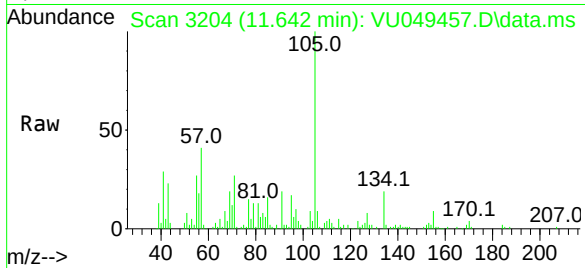




#85
 sec-Butylbenzene
 Concen: 2.406 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049457.D
 Acq: 28 Jun 2022 14:47

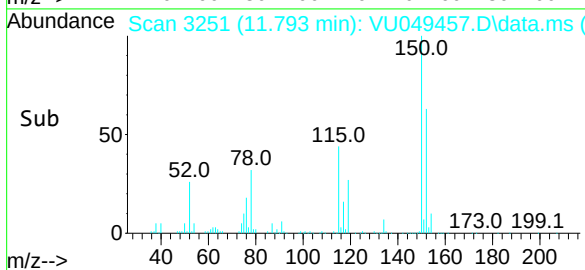
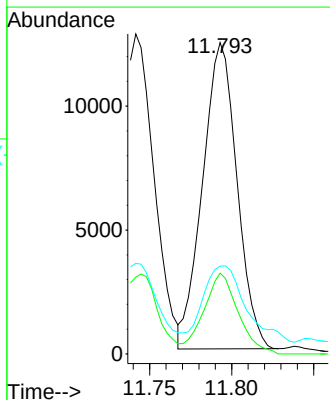
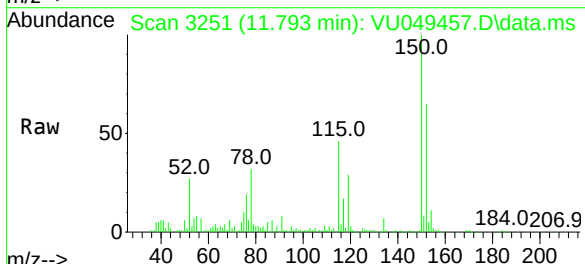
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14A-1A-1DL

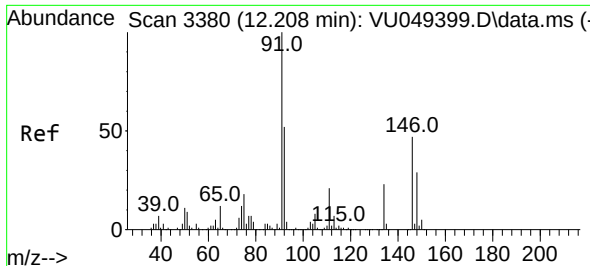
Tgt Ion:105 Resp: 41588
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 1.287 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU049457.D
 Acq: 28 Jun 2022 14:47

Tgt Ion:119 Resp: 17989
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 30.6 11.2 33.5

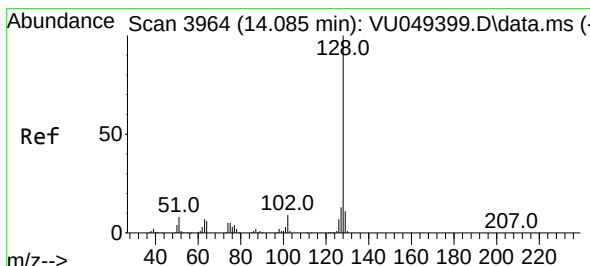
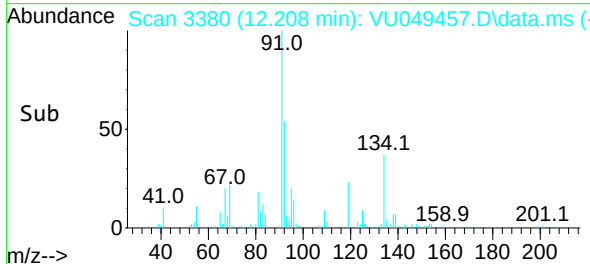
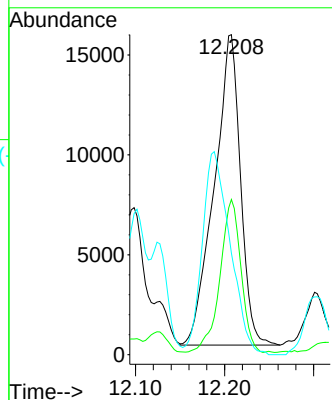
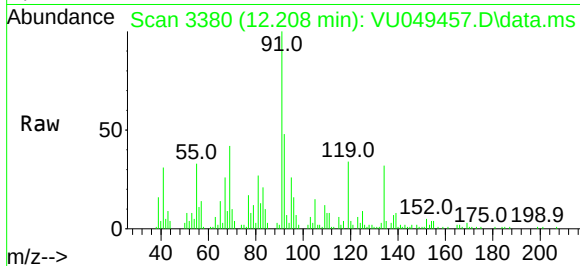




#89
n-Butylbenzene
Concen: 2.455 ug/l
RT: 12.208 min Scan# 31757
Delta R.T. -0.000 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

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

Tgt Ion:	91	Resp:	31757
Ion	Ratio	Lower	Upper
91	100		
92	40.0	26.2	78.6
134	69.8	13.5	40.4#



#95
Naphthalene
Concen: 4.894 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049457.D
Acq: 28 Jun 2022 14:47

Tgt Ion:	128	Resp:	57551
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.3	15.5
129	15.4	8.6	13.0#

