

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044995.D
 Acq On : 29 Sep 2021 16:04
 Operator : SY/MD
 Sample : M3889-01ME
 Misc : 6.50g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SUP-UST-03-(5-7)ME

Quant Time: Sep 29 16:39:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

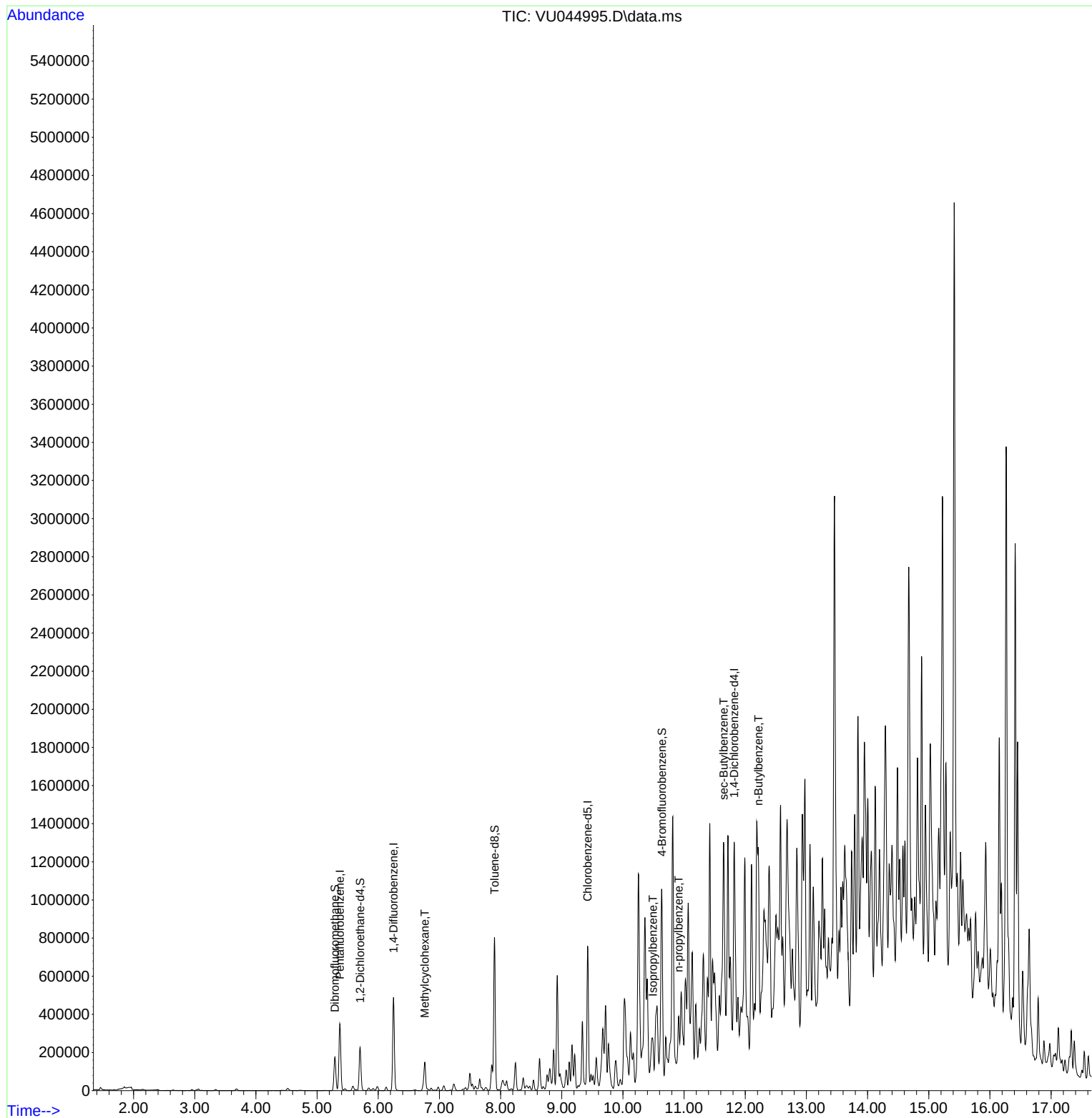
Internal Standards						
1) Pentafluorobenzene	5.372	168	212368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	390133	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	399698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	207589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	174462	49.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.70%			
35) Dibromofluoromethane	5.292	113	117695	47.82	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.64%			
50) Toluene-d8	7.902	98	512687	52.72	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.44%			
62) 4-Bromofluorobenzene	10.639	95	223957	55.78	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.56%			
Target Compounds						
						Qvalue
39) Methylcyclohexane	6.761	83	61541	12.29	ug/l	97
73) Isopropylbenzene	10.491	105	81541	5.27	ug/l	100
78) n-propylbenzene	10.912	91	185684	9.86	ug/l	99
85) sec-Butylbenzene	11.648	105	202932	11.96	ug/l	100
89) n-Butylbenzene	12.214	91	269799	21.47	ug/l	88

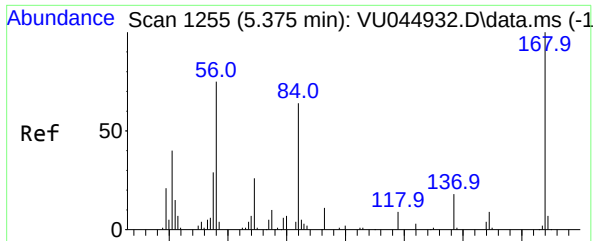
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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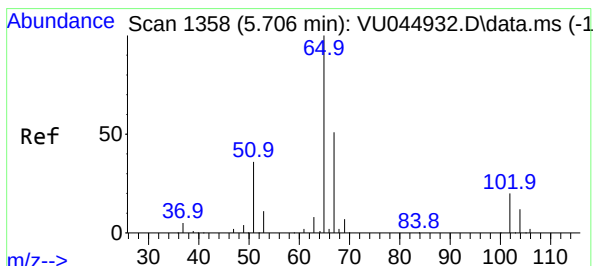
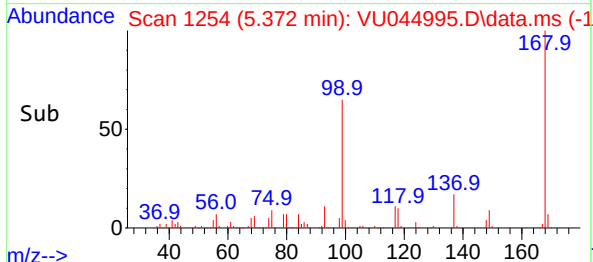
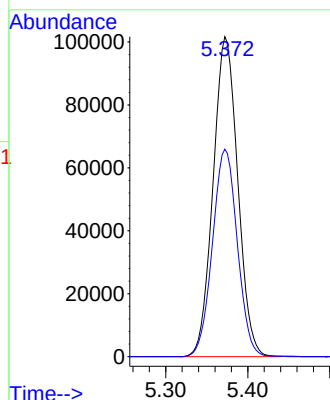
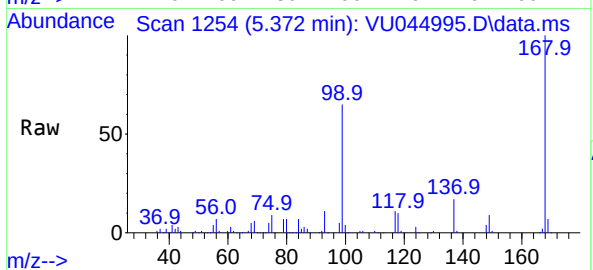




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.003 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

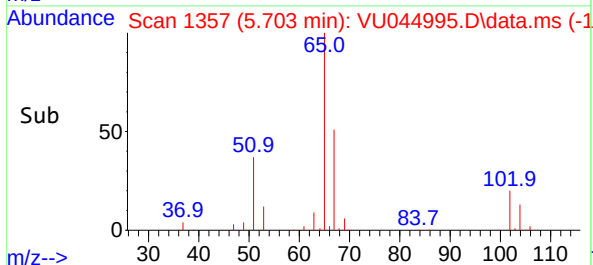
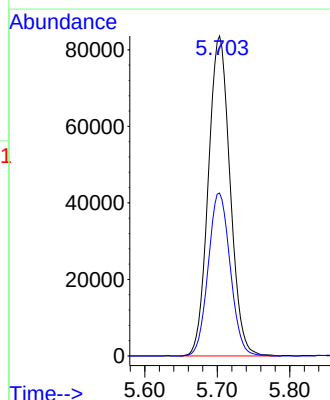
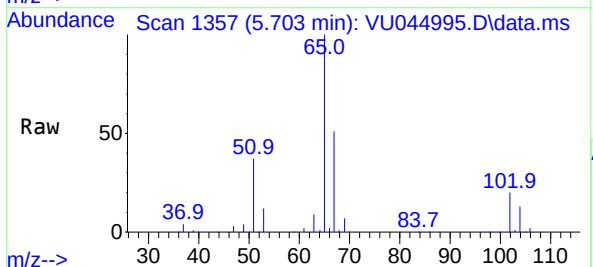
Instrument :
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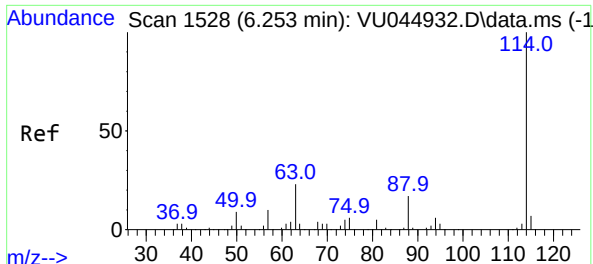
Tgt Ion:168 Resp: 212368
Ion Ratio Lower Upper
168 100
99 64.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 49.35 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

Tgt Ion: 65 Resp: 174462
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

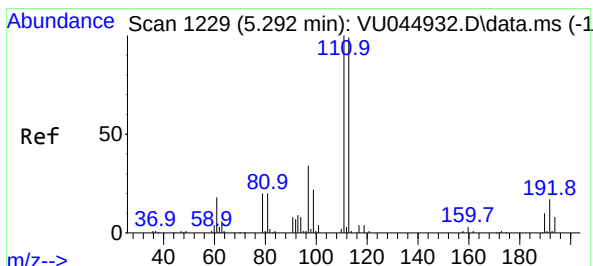
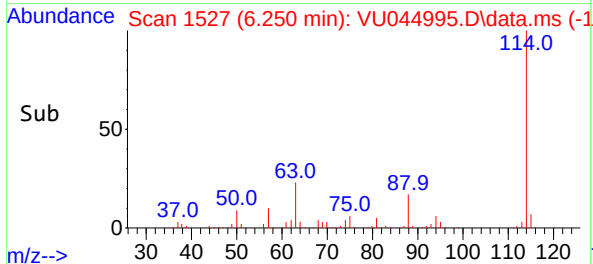
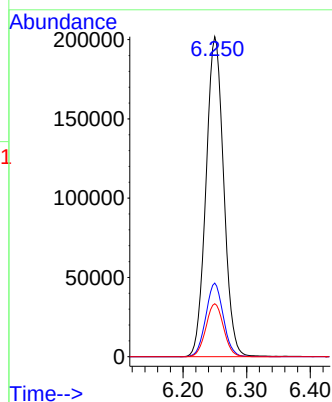
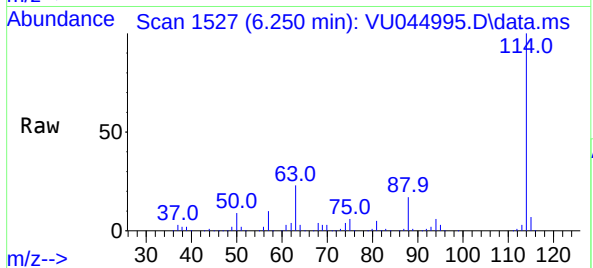




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

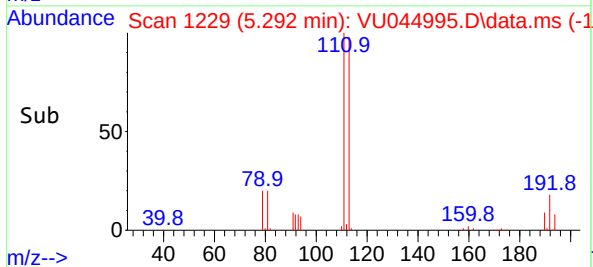
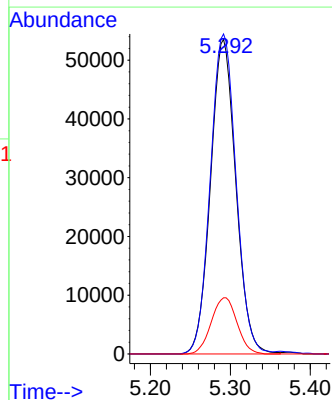
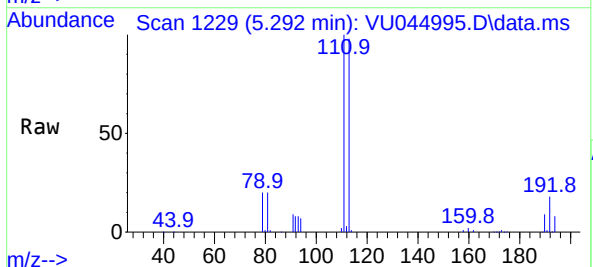
Instrument :
MSVOA_U
ClientSampleId :
SUP-UST-03-(5-7)ME

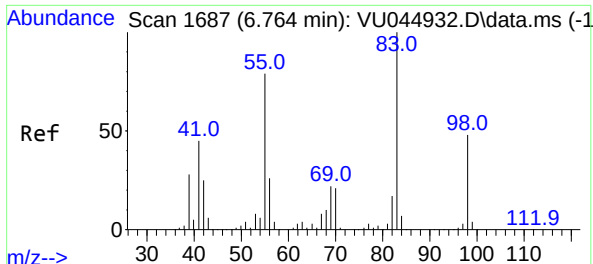
Tgt Ion:114 Resp: 390133
Ion Ratio Lower Upper
114 100
63 23.0 0.0 47.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.82 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

Tgt Ion:113 Resp: 117695
Ion Ratio Lower Upper
113 100
111 103.2 84.1 126.1
192 18.2 14.8 22.2





#39

Methylcyclohexane

Concen: 12.29 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU044995.D

Acq: 29 Sep 2021 16:04

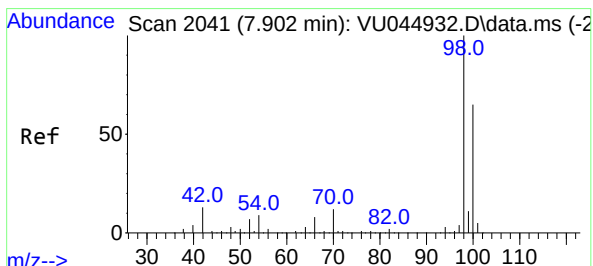
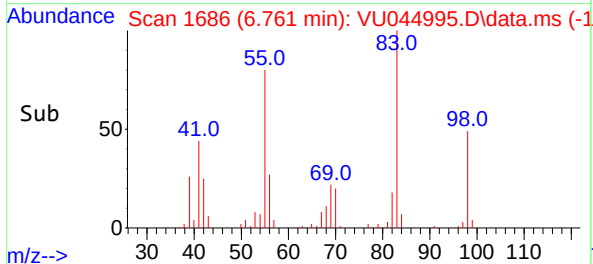
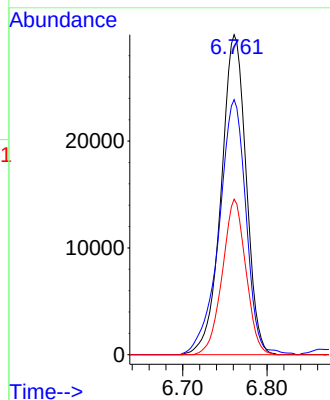
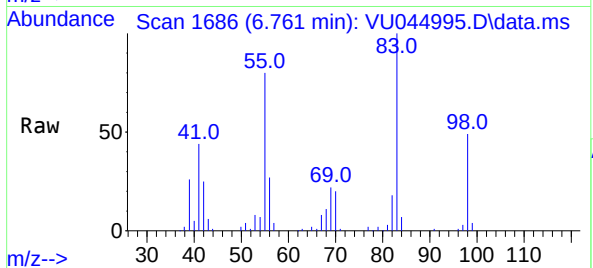
Instrument :

MSVOA_U

ClientSampleId :

SUP-UST-03-(5-7)ME

Tgt Ion:	83	Resp:	61541
Ion	Ratio	Lower	Upper
83	100		
55	79.7	66.2	99.4
98	48.6	37.5	56.3



#50

Toluene-d8

Concen: 52.72 ug/l

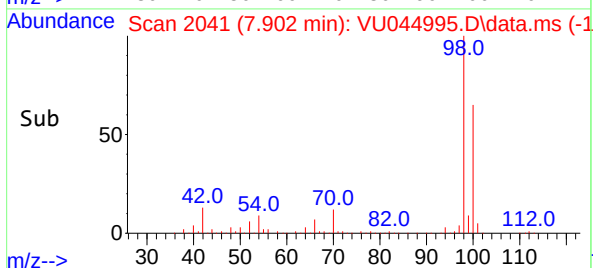
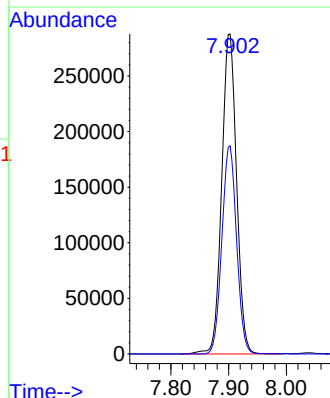
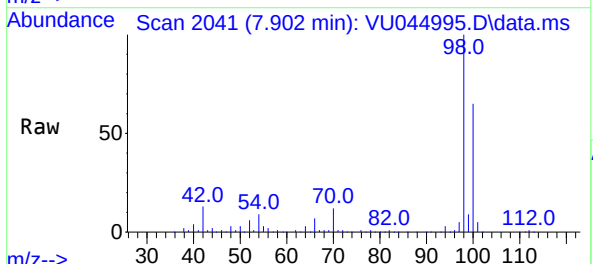
RT: 7.902 min Scan# 2041

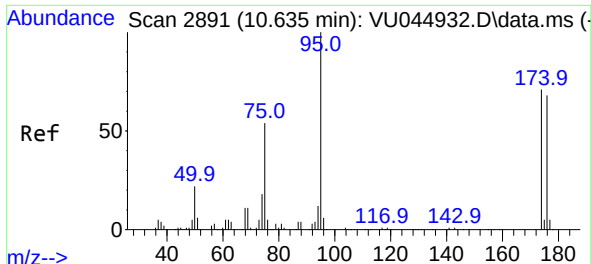
Delta R.T. 0.000 min

Lab File: VU044995.D

Acq: 29 Sep 2021 16:04

Tgt Ion:	98	Resp:	512687
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.5	78.7

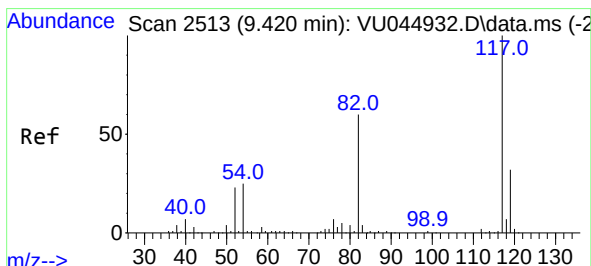
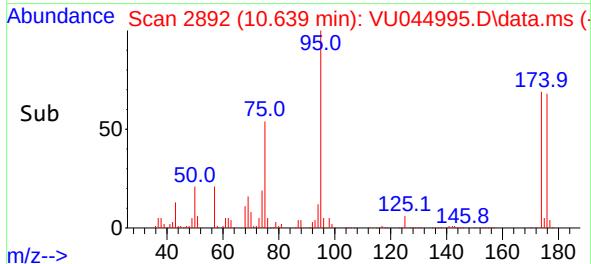
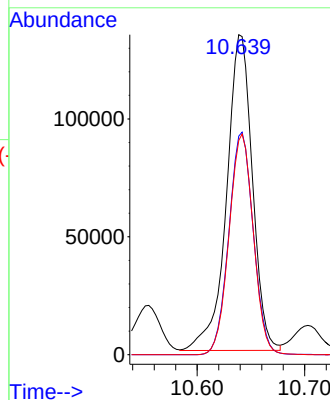
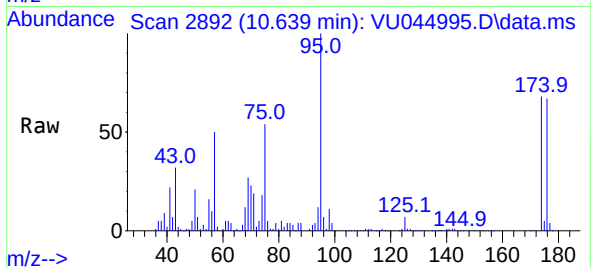




#62
4-Bromofluorobenzene
Concen: 55.78 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

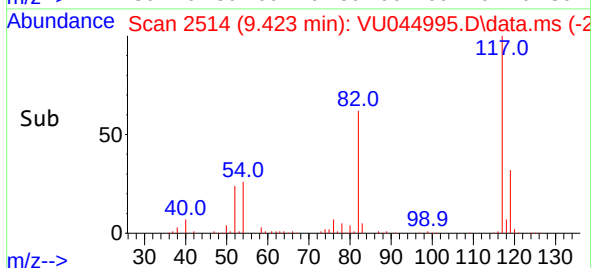
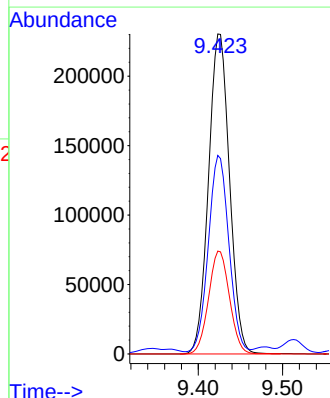
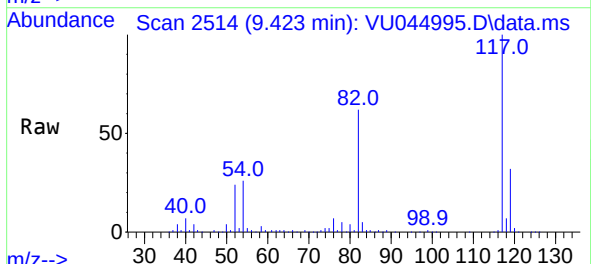
Instrument :
MSVOA_U
ClientSampleId :
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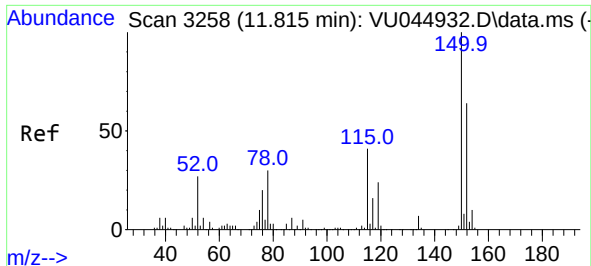
Tgt Ion: 95 Resp: 223957
Ion Ratio Lower Upper
95 100
174 66.7 0.0 146.6
176 65.5 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

Tgt Ion: 117 Resp: 399698
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 32.2 25.8 38.6

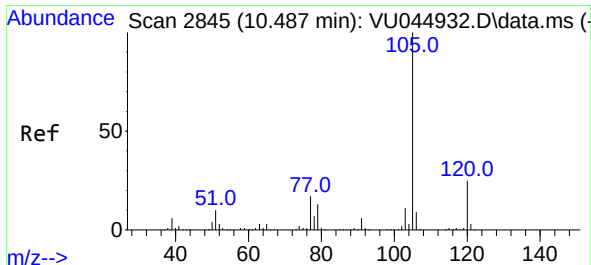
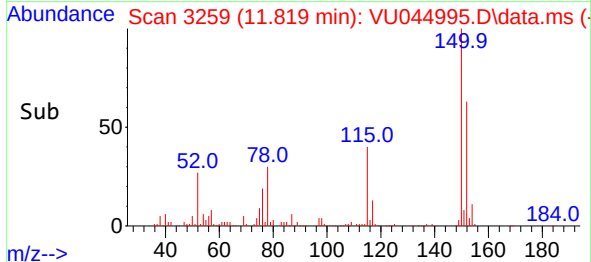
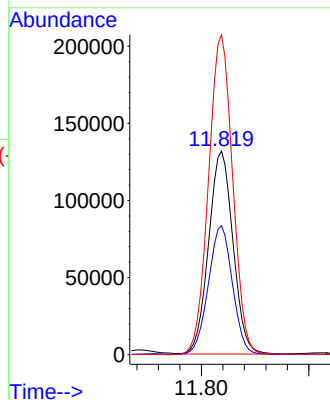
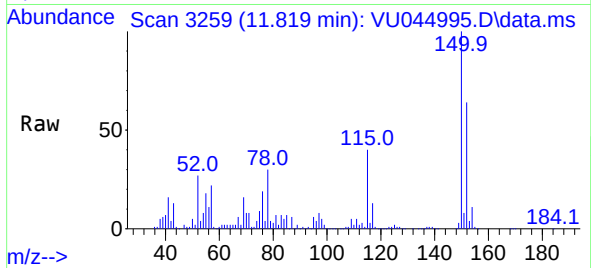




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.004 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

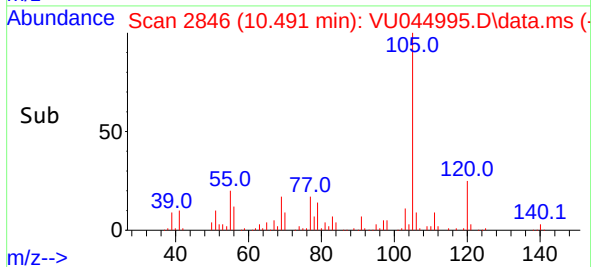
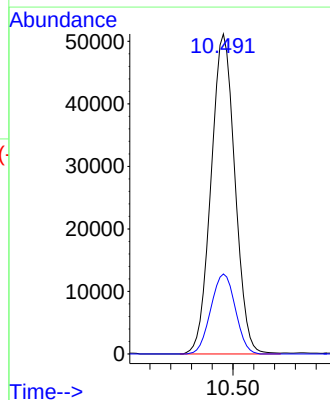
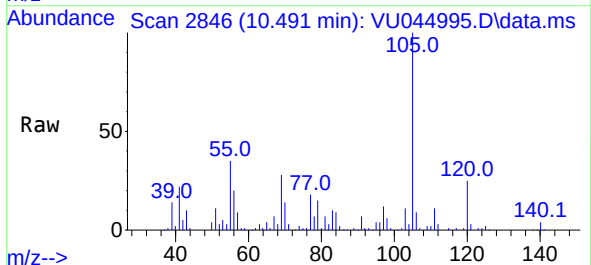
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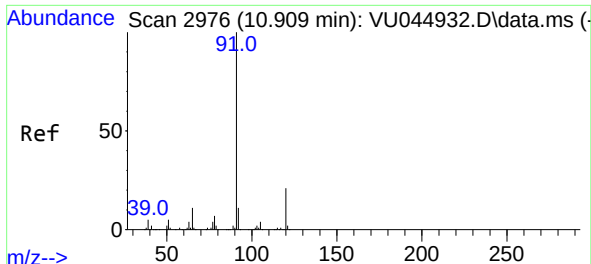
Tgt Ion:152 Resp: 207589
Ion Ratio Lower Upper
152 100
115 62.1 43.5 130.7
150 156.0 0.0 350.0



#73
Isopropylbenzene
Concen: 5.27 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.004 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

Tgt Ion:105 Resp: 81541
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3

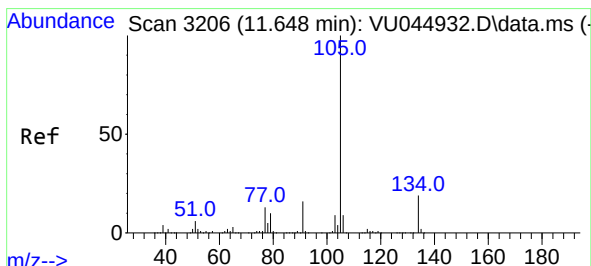
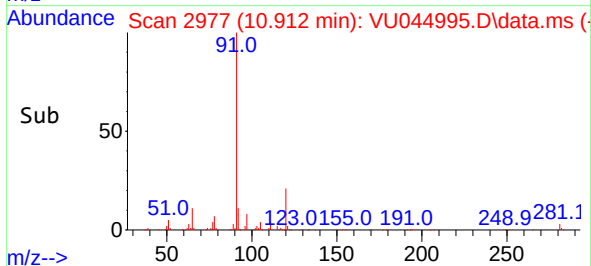
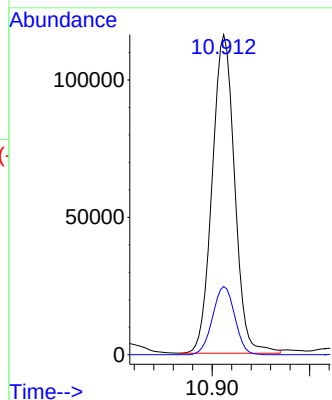
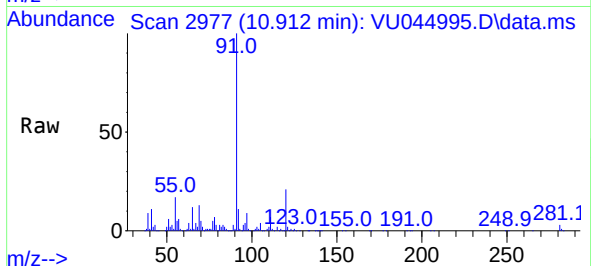




#78
n-propylbenzene
Concen: 9.86 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

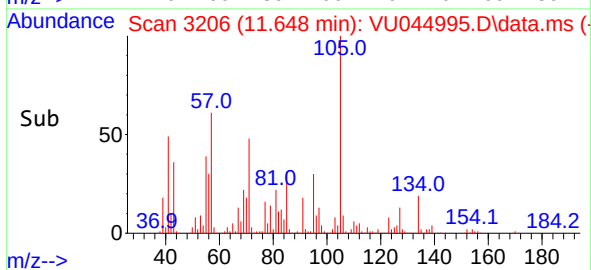
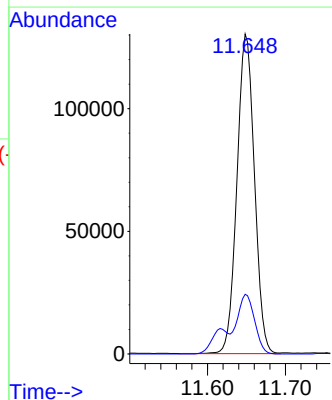
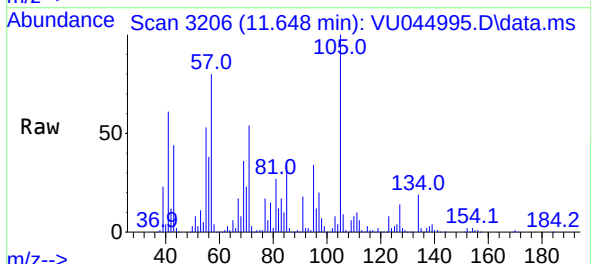
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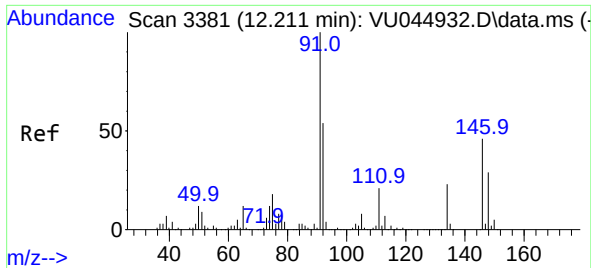
Tgt Ion: 91 Resp: 185684
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.4



#85
sec-Butylbenzene
Concen: 11.96 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

Tgt Ion: 105 Resp: 202932
Ion Ratio Lower Upper
105 100
134 18.5 9.3 28.0





#89
n-Butylbenzene
Concen: 21.47 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU044995.D
Acq: 29 Sep 2021 16:04

Instrument :
MSVOA_U
ClientSampleId :
SUP-UST-03-(5-7)ME

Tgt Ion: 91 Resp: 269799
Ion Ratio Lower Upper
91 100
92 48.2 26.8 80.4
134 34.0 11.8 35.4

