

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043095.D
 Acq On : 14 Apr 2021 15:31
 Operator : SY/MD
 Sample : M1983-01MEDL2 100X
 Misc : 2.26g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 41018MEDL

Quant Time: Apr 15 02:05:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

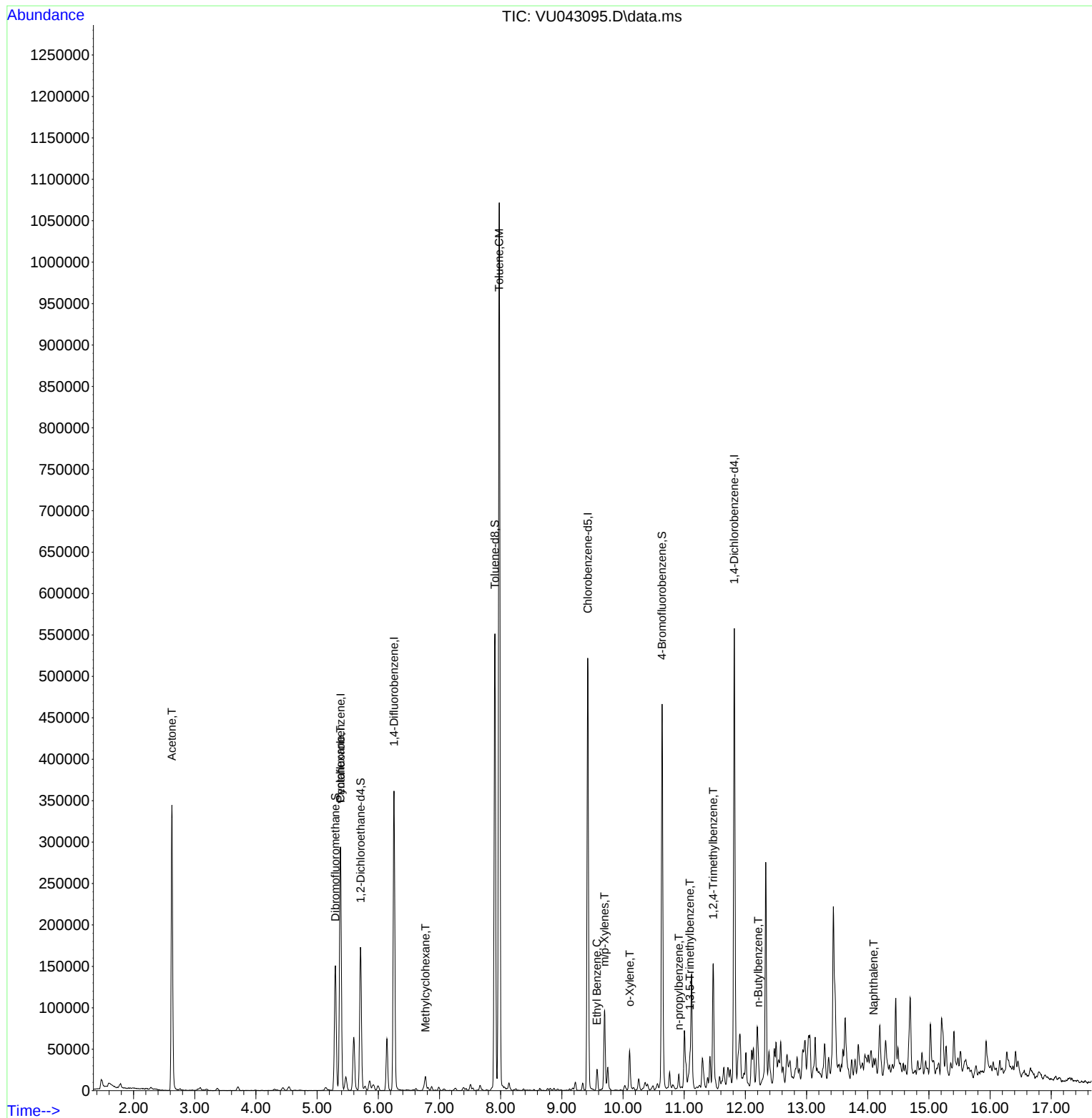
Internal Standards						
1) Pentafluorobenzene	5.382	168	163980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	273567	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	263458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	132504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	133914	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	5.298	113	91749	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
50) Toluene-d8	7.906	98	341802	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	10.639	95	135511	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						Qvalue
16) Acetone	2.626	43	381682	235.25	ug/l	99
31) Cyclohexane	5.379	56	16734	4.92	ug/l #	65
39) Methylcyclohexane	6.771	83	6495	2.04	ug/l	93
52) Toluene	7.976	92	410434	79.84	ug/l	99
67) Ethyl Benzene	9.575	91	17255	1.69	ug/l	96
68) m/p-Xylenes	9.697	106	25010	6.63	ug/l	96
69) o-Xylene	10.108	106	11121	3.02	ug/l	98
78) n-propylbenzene	10.912	91	12924	1.21	ug/l	95
80) 1,3,5-Trimethylbenzene	11.092	105	18928	2.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	74277	9.21	ug/l	100
89) n-Butylbenzene	12.211	91	13764	1.76	ug/l #	43
95) Naphthalene	14.095	128	9227	3.65	ug/l	96

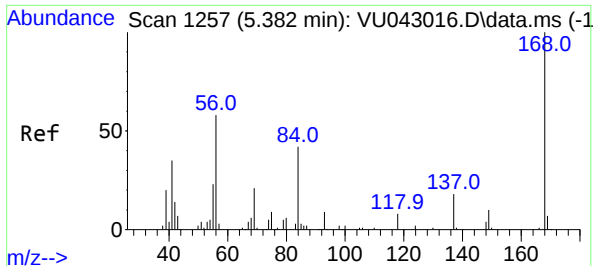
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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41018MEDL

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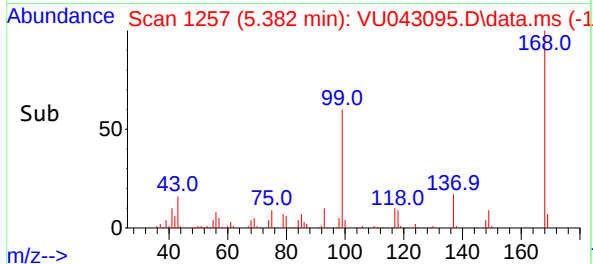
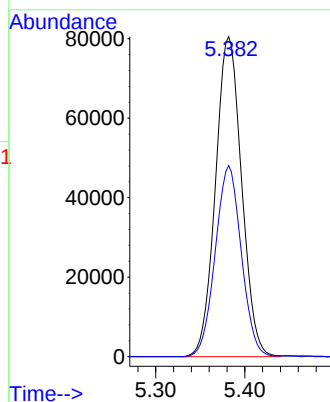
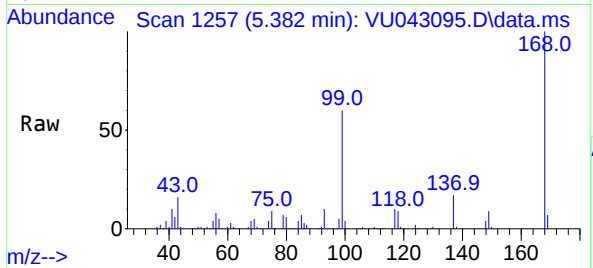




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

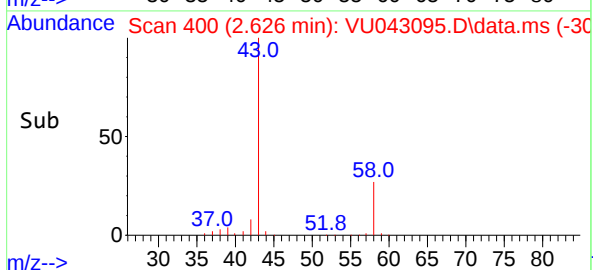
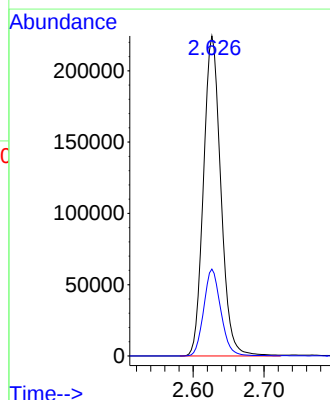
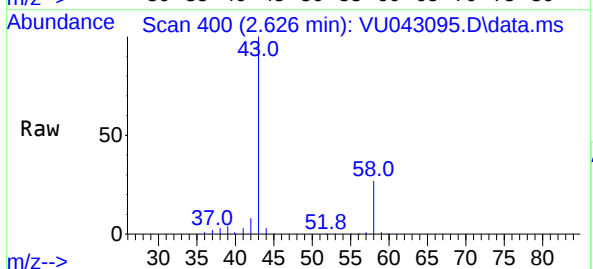
Instrument :
MSVOA_U
ClientSampleId :
41018MEDL

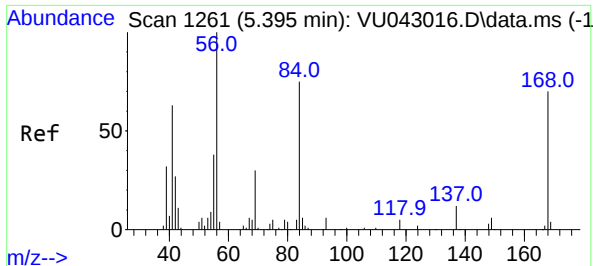
Tgt Ion:168 Resp: 163980
Ion Ratio Lower Upper
168 100
99 59.8 45.0 67.4



#16
Acetone
Concen: 235.25 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion: 43 Resp: 381682
Ion Ratio Lower Upper
43 100
58 27.2 21.5 32.3

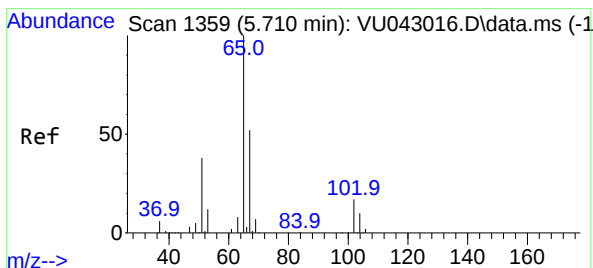
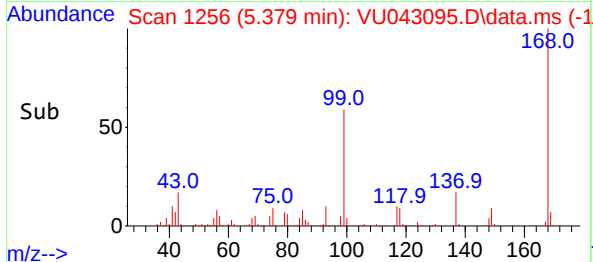
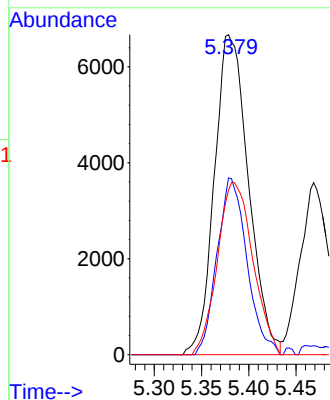
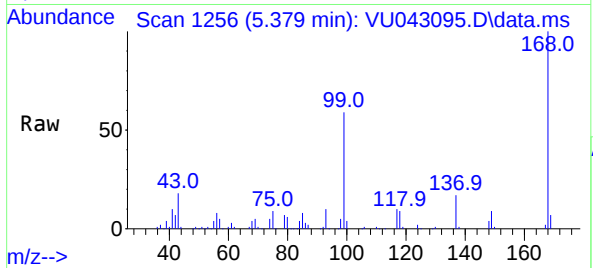




#31
Cyclohexane
Concen: 4.92 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

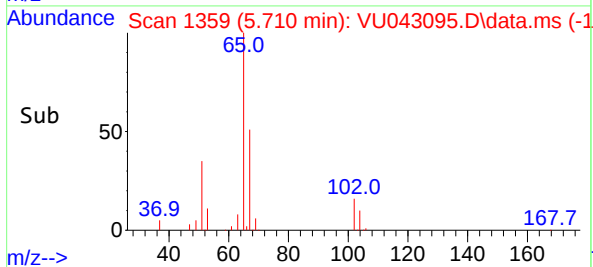
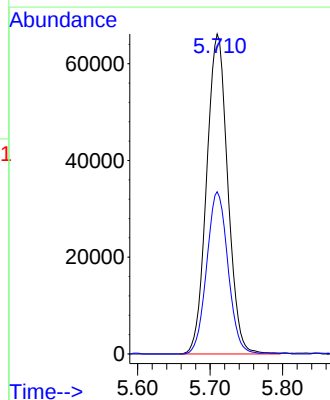
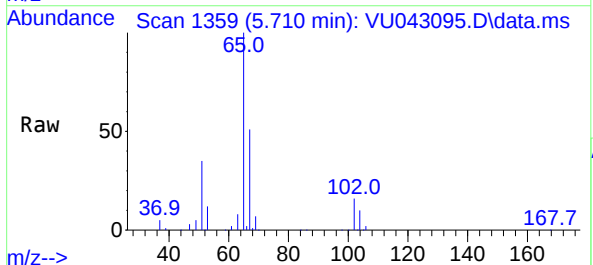
Instrument :
MSVOA_U
ClientSampleId :
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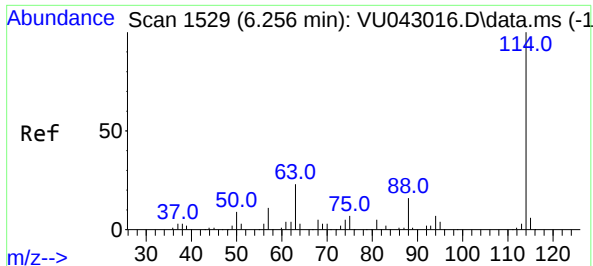
Tgt Ion: 56 Resp: 16734
Ion Ratio Lower Upper
56 100
69 55.2 24.9 37.3#
84 51.4 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 48.58 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion: 65 Resp: 133914
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.8

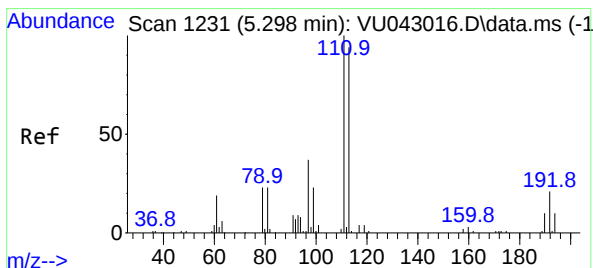
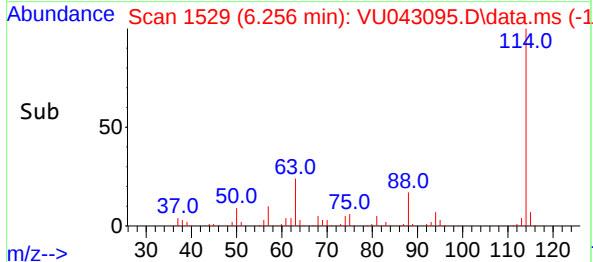
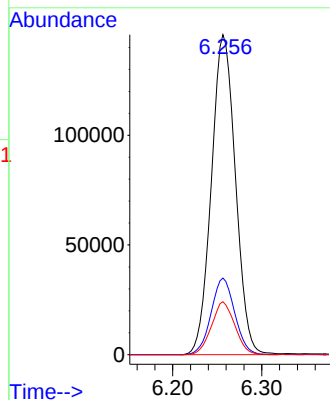
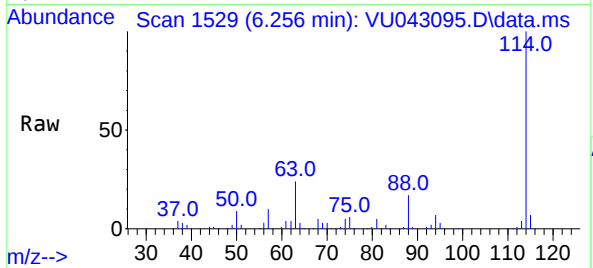




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

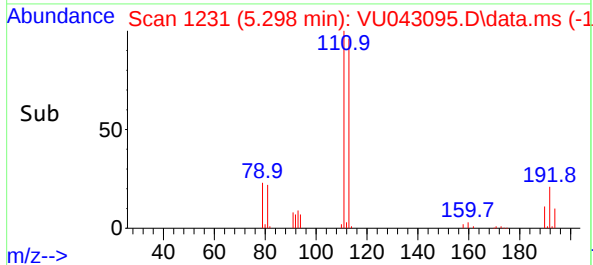
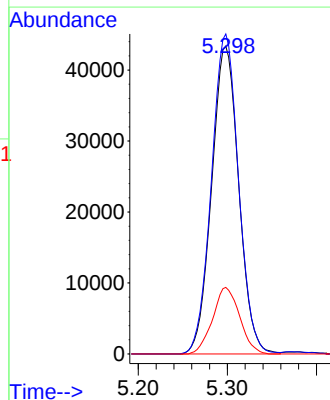
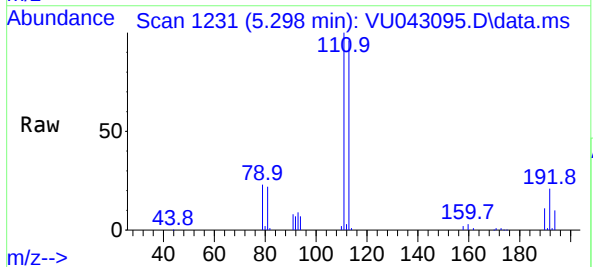
Instrument :
MSVOA_U
ClientSampleId :
41018MEDL

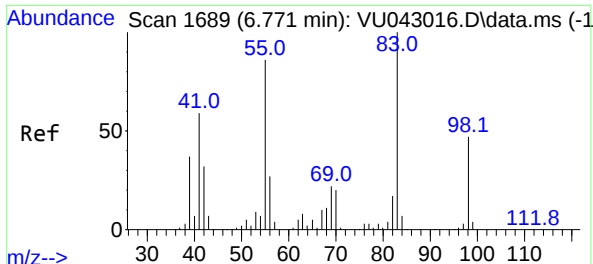
Tgt Ion:114 Resp: 273567
Ion Ratio Lower Upper
114 100
63 23.9 0.0 44.2
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 44.63 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion:113 Resp: 91749
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 21.5 17.2 25.8



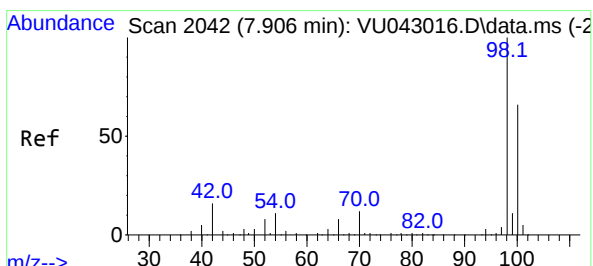
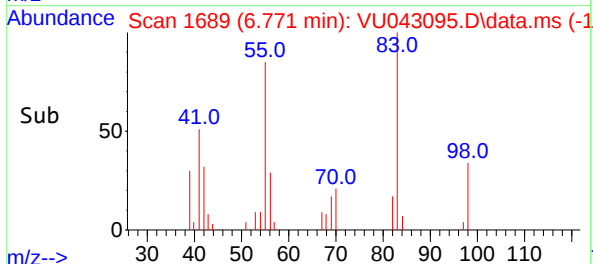
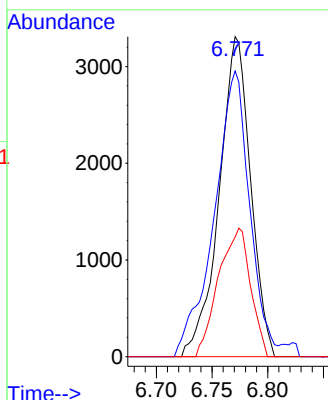
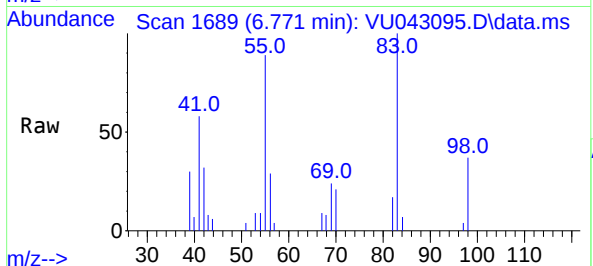


#39
Methylcyclohexane
Concen: 2.04 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Instrument :
MSVOA_U
ClientSampleId :
41018MEDL

Tgt Ion: 83 Resp: 6495

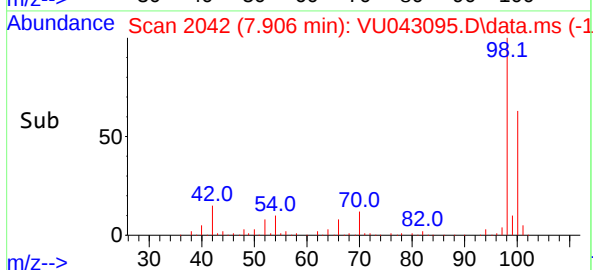
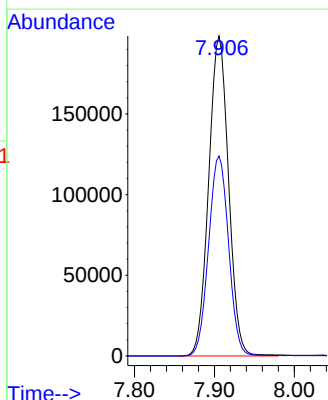
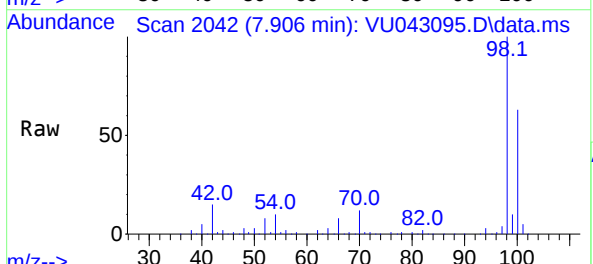
Ion	Ratio	Lower	Upper
83	100		
55	86.2	66.8	100.2
98	37.4	36.9	55.3

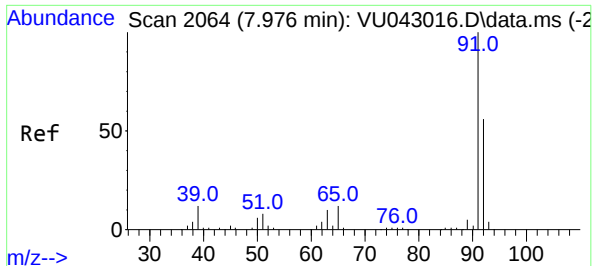


#50
Toluene-d8
Concen: 46.99 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion: 98 Resp: 341802

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.2	75.2

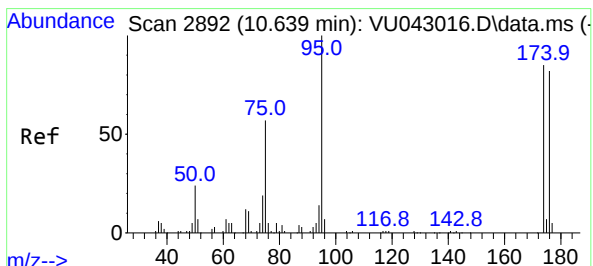
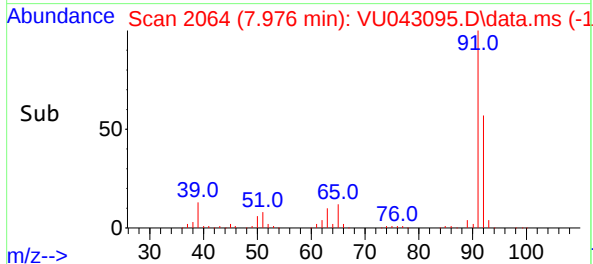
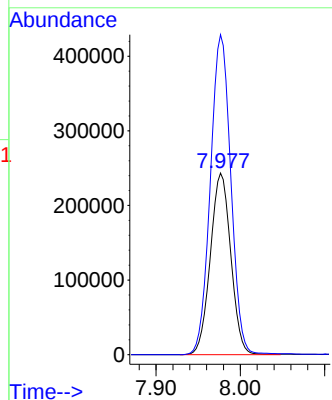
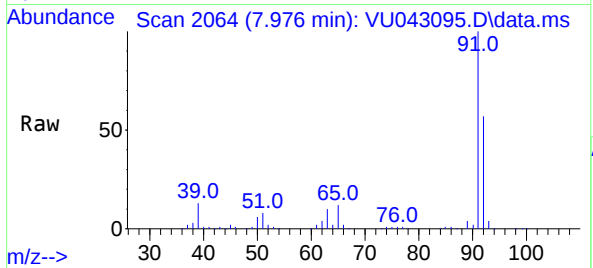




#52
Toluene
Concen: 79.84 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

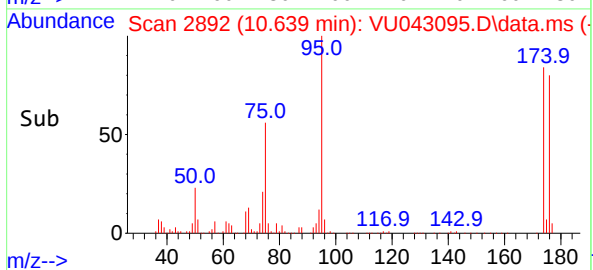
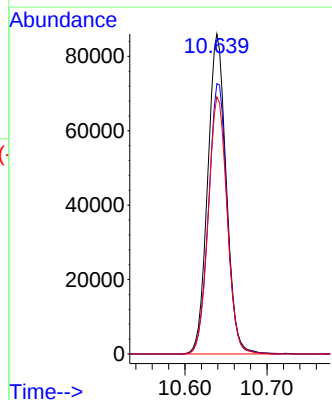
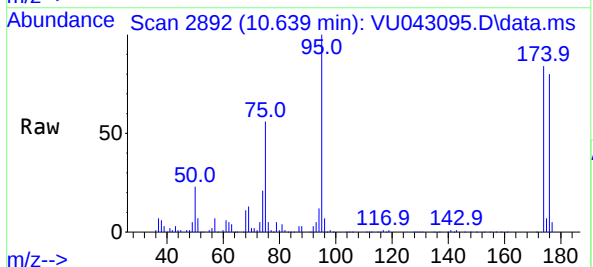
Instrument :
MSVOA_U
ClientSampleId :
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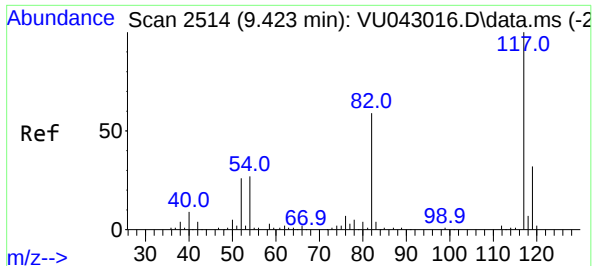
Tgt Ion: 92 Resp: 410434
Ion Ratio Lower Upper
92 100
91 176.3 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 46.52 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion: 95 Resp: 135511
Ion Ratio Lower Upper
95 100
174 84.6 0.0 172.2
176 81.4 0.0 168.8

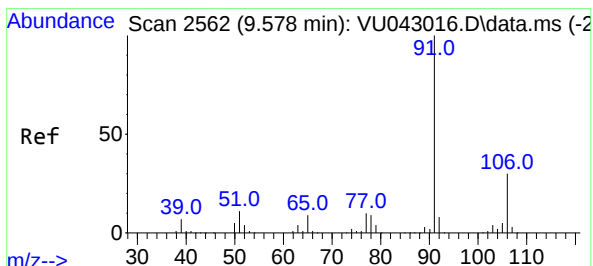
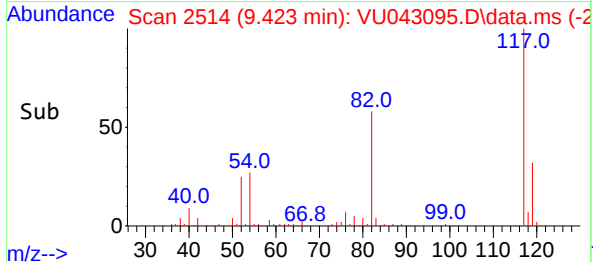
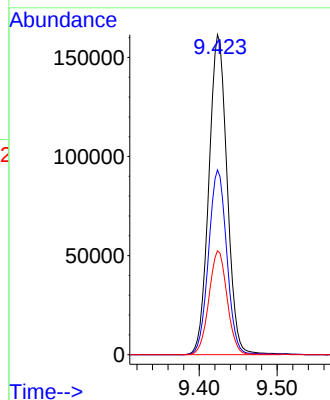
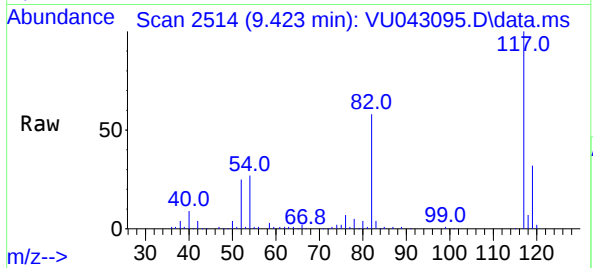




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

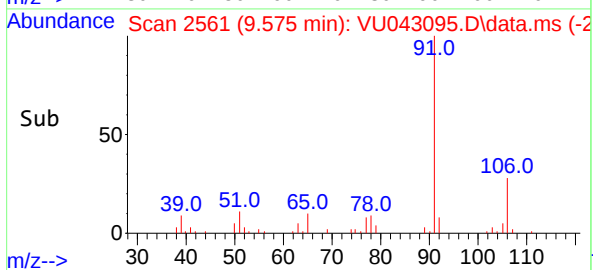
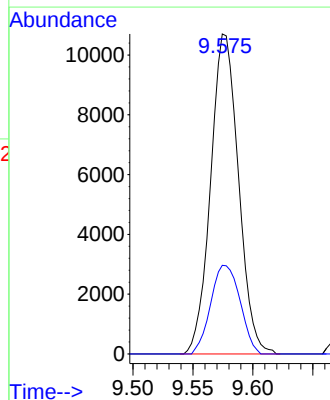
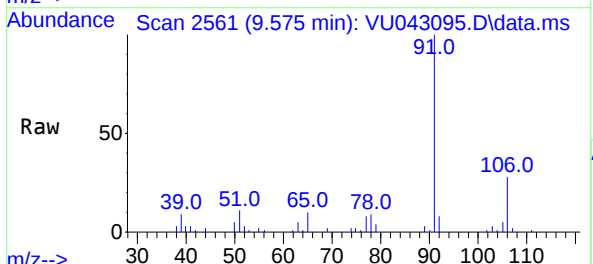
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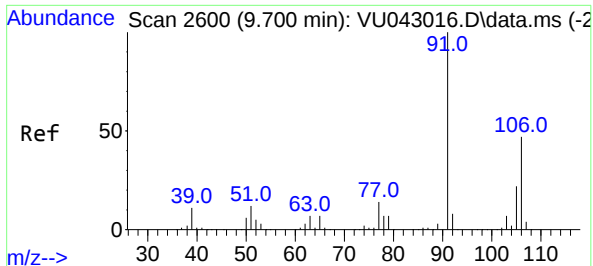
Tgt Ion:117 Resp: 263458
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.6
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 1.69 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion: 91 Resp: 17255
Ion Ratio Lower Upper
91 100
106 27.7 24.1 36.1

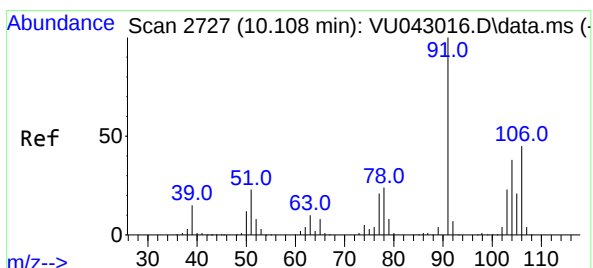
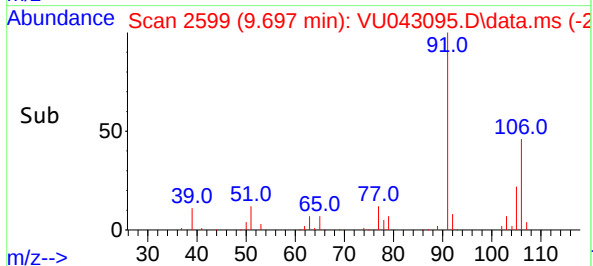
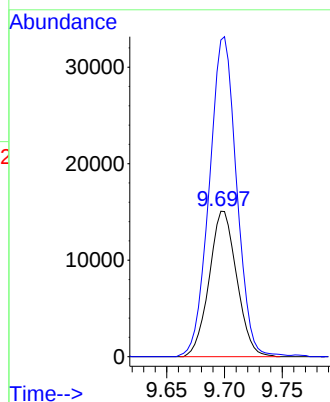
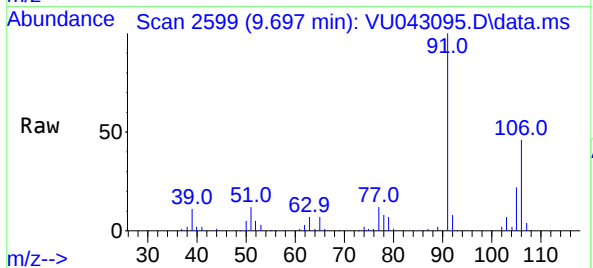




#68
m/p-Xylenes
Concen: 6.63 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

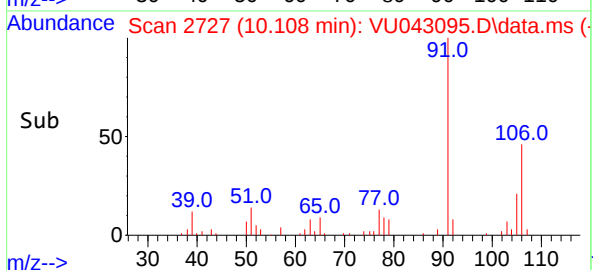
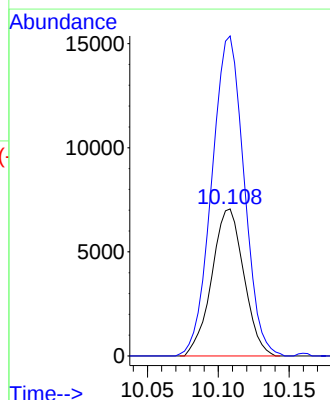
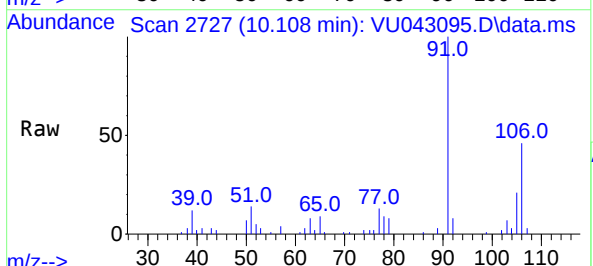
Instrument :
MSVOA_U
ClientSampled :
41018MEDL

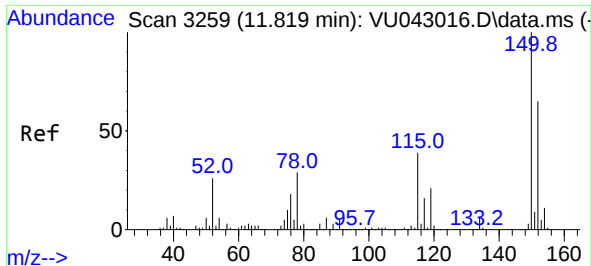
Tgt Ion:106 Resp: 25010
Ion Ratio Lower Upper
106 100
91 218.1 169.9 254.9



#69
o-Xylene
Concen: 3.02 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion:106 Resp: 11121
Ion Ratio Lower Upper
106 100
91 219.1 111.2 333.6

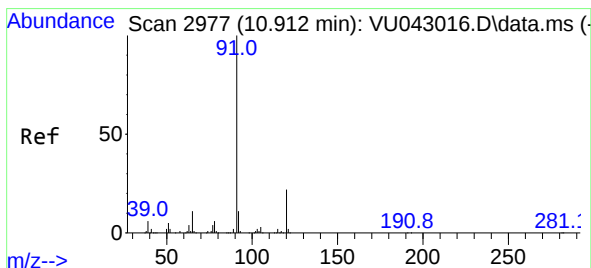
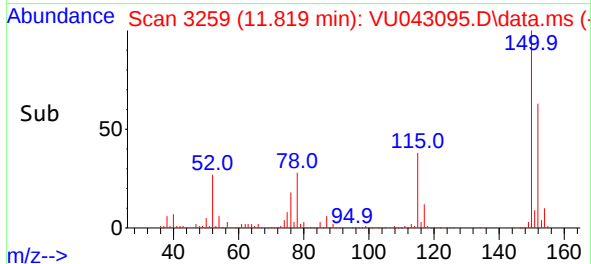
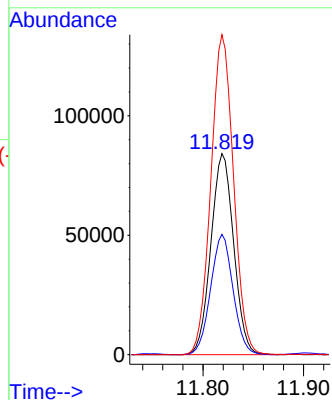
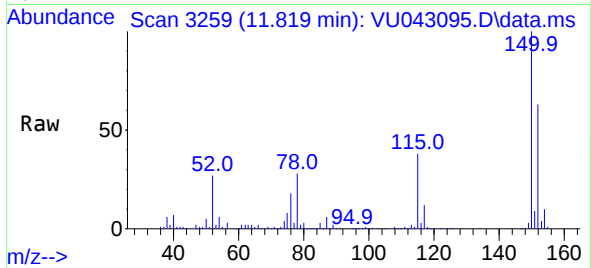




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

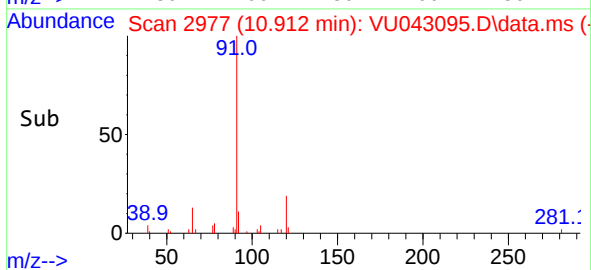
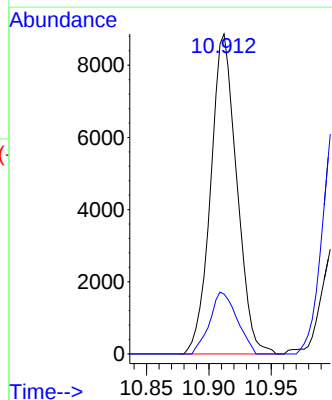
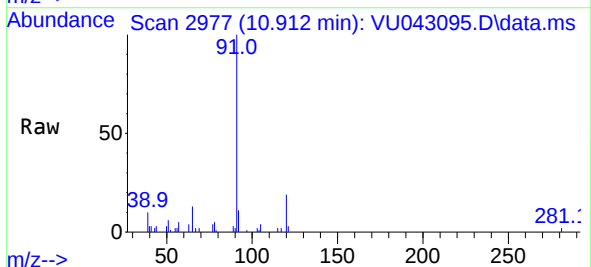
Instrument :
MSVOA_U
ClientSampled :
41018MEDL

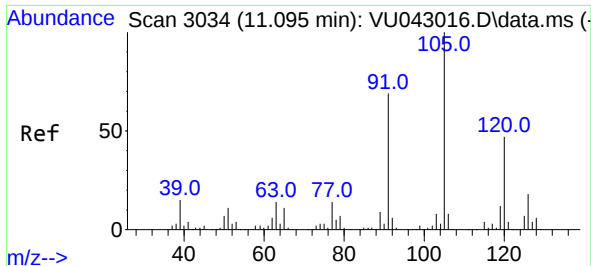
Tgt Ion:152 Resp: 132504
Ion Ratio Lower Upper
152 100
115 59.1 41.5 124.6
150 158.3 0.0 342.4



#78
n-propylbenzene
Concen: 1.21 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion: 91 Resp: 12924
Ion Ratio Lower Upper
91 100
120 20.2 11.2 33.6

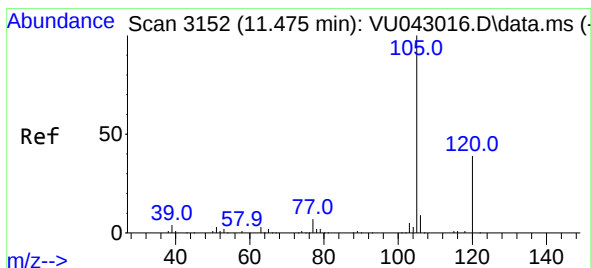
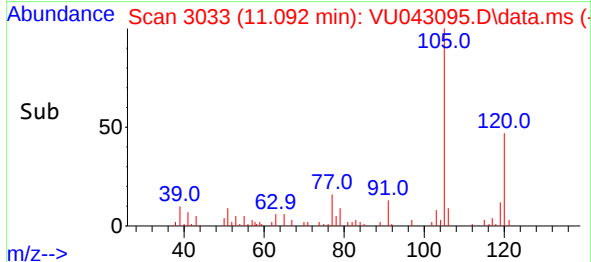
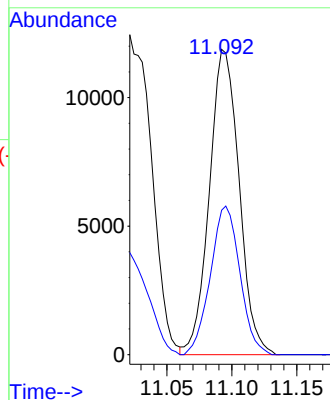
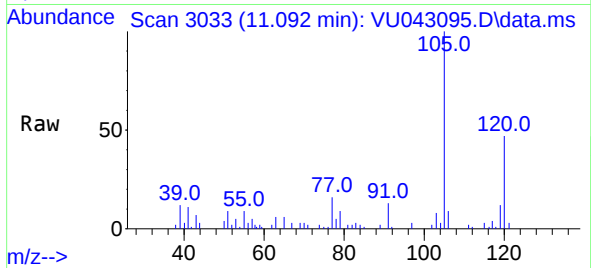




#80
1,3,5-Trimethylbenzene
Concen: 2.41 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

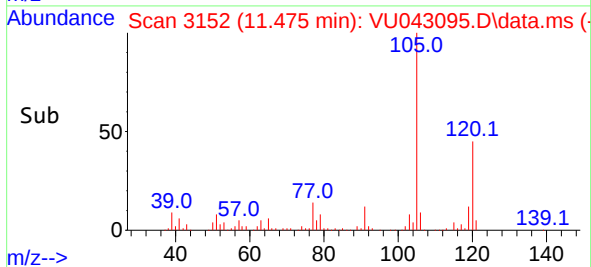
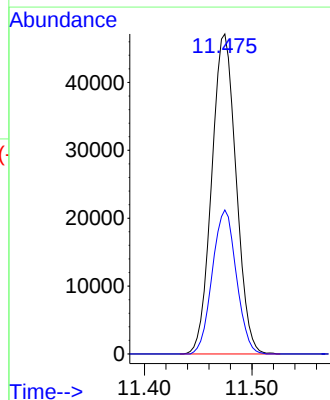
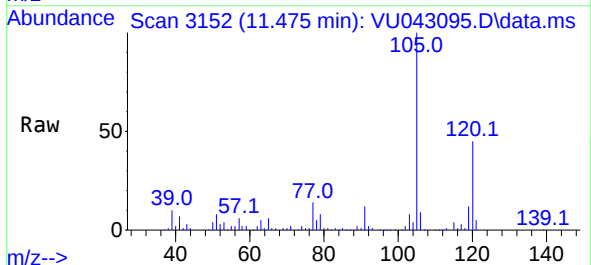
Instrument :
MSVOA_U
ClientSampleId :
41018MEDL

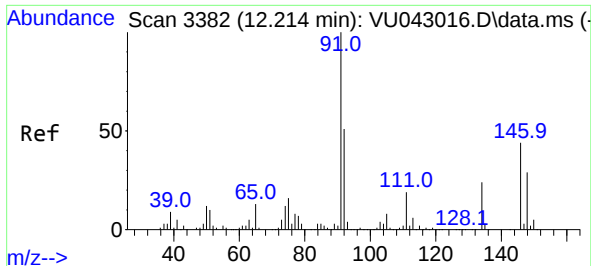
Tgt Ion:105 Resp: 18928
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.4



#84
1,2,4-Trimethylbenzene
Concen: 9.21 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion:105 Resp: 74277
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8

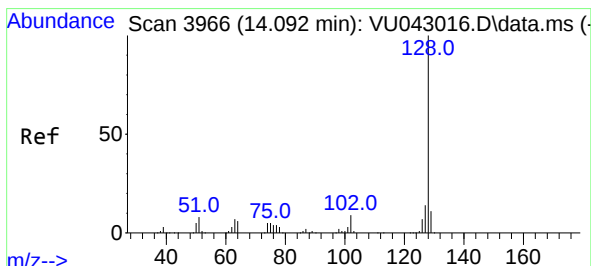
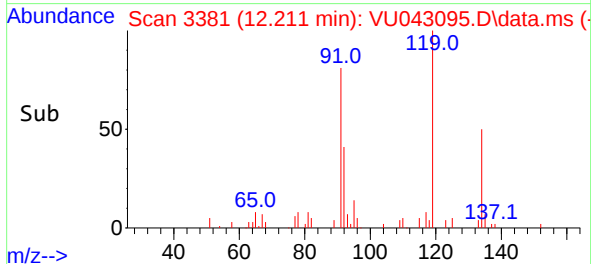
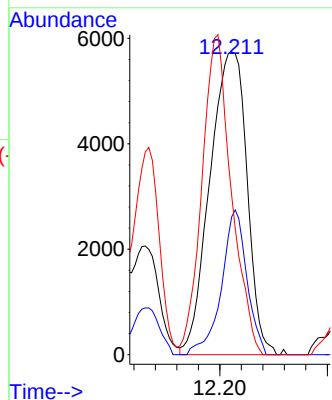
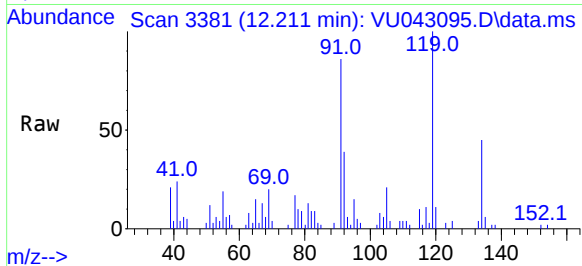




#89
n-Butylbenzene
Concen: 1.76 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Instrument :
MSVOA_U
ClientSampleId :
41018MEDL

Tgt Ion:	91	Resp:	13764
Ion	Ratio	Lower	Upper
91	100		
92	32.7	26.2	78.6
134	84.1	12.7	38.1#



#95
Naphthalene
Concen: 3.65 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043095.D
Acq: 14 Apr 2021 15:31

Tgt Ion:	128	Resp:	9227
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.8	16.2
129	10.1	8.6	13.0

