

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043170.D
 Acq On : 16 Apr 2021 15:51
 Operator : SY/MD
 Sample : M2045-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 124-GW-2

Manual Integrations
 APPROVED

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 4/19/2021 9:40:54 AM

Quant Time: Apr 17 02:32:43 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	5.385	168	119595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	192974	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	190481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	113856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96703	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	5.298	113	68456	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
50) Toluene-d8	7.906	98	259981	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	10.639	95	100573	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
Target Compounds					Qvalue	
16) Acetone	2.639	43	15665m	12.95	ug/l	
17) Carbon Disulfide	2.800	76	2855	0.83	ug/l #	83
25) 2-Butanone	4.719	43	11048	6.05	ug/l	100
31) Cyclohexane	5.398	56	281708	113.59	ug/l	94
39) Methylcyclohexane	6.771	83	315704	140.26	ug/l	97
40) Benzene	5.780	78	6190	1.06	ug/l	96
52) Toluene	7.976	92	17735	4.89	ug/l	98
67) Ethyl Benzene	9.578	91	1818465	246.66	ug/l	99
68) m/p-Xylenes	9.703	106	1845946	676.77	ug/l	100
69) o-Xylene	10.108	106	293787	110.35	ug/l	99
73) Isopropylbenzene	10.491	105	177277	23.20	ug/l	99
78) n-propylbenzene	10.912	91	537250	58.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	719830	106.71	ug/l	99
83) tert-Butylbenzene	11.426	119	5184m	0.78	ug/l	
84) 1,2,4-Trimethylbenzene	11.475	105	2732285	394.21	ug/l	99
85) sec-Butylbenzene	11.652	105	45081m	5.80	ug/l	
86) p-Isopropyltoluene	11.799	119	35079	4.90	ug/l	96
89) n-Butylbenzene	12.208	91	138694	20.70	ug/l #	30

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

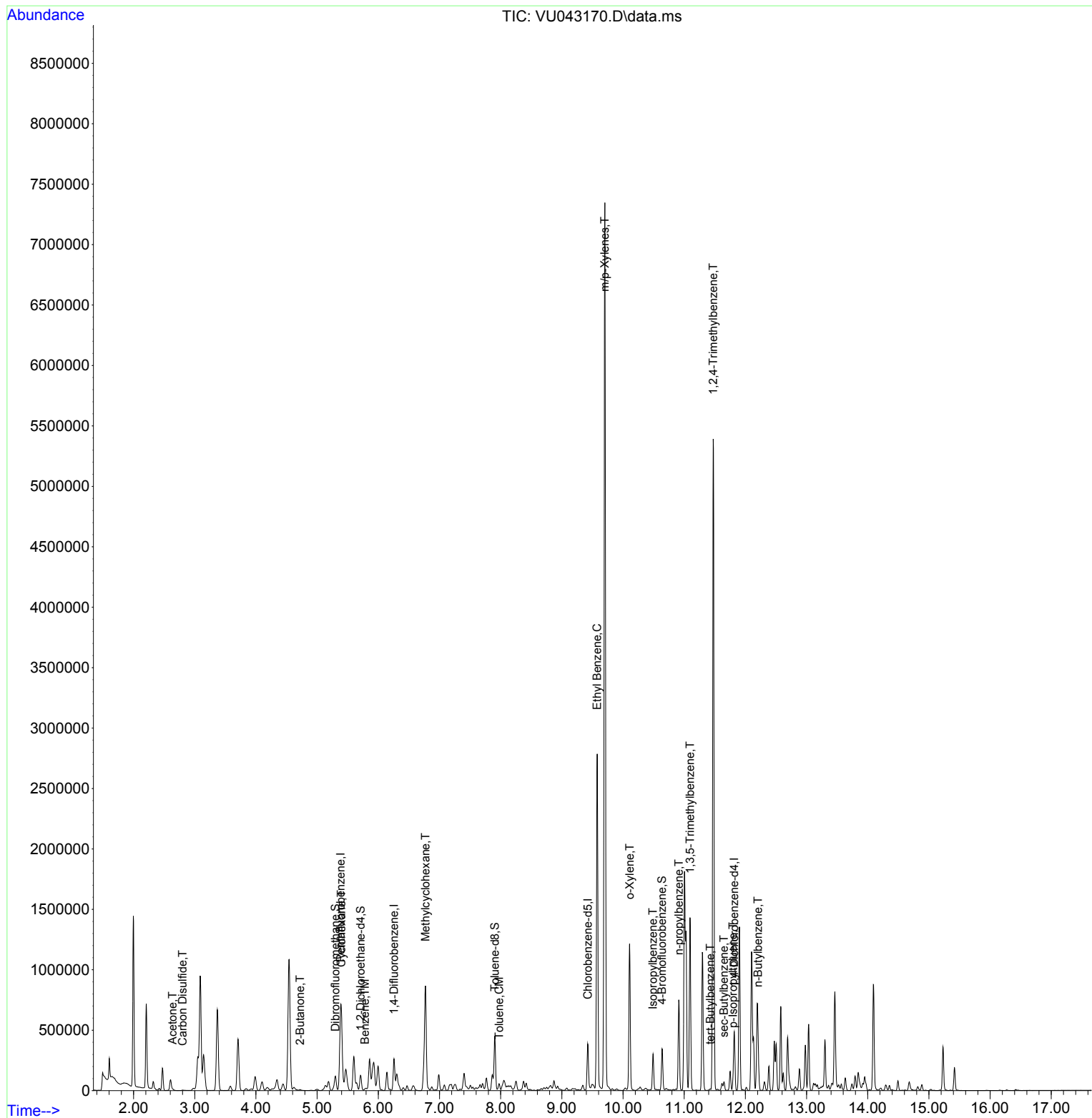
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043170.D
Acq On : 16 Apr 2021 15:51
Operator : SY/MD
Sample : M2045-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

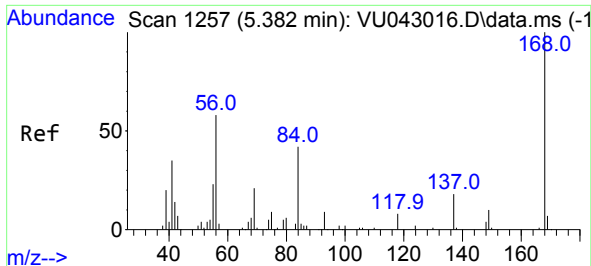
Instrument :
MSVOA_U
ClientSampleId :
124-GW-2

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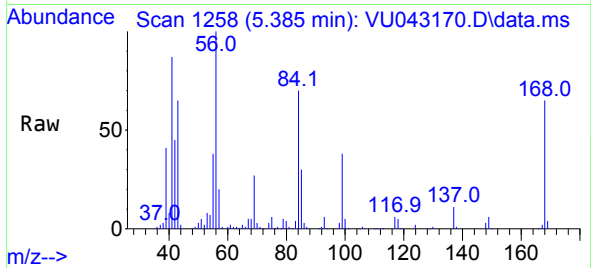
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4/19/2021 9:40:54 AM

Quant Time: Apr 17 02:32:43 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

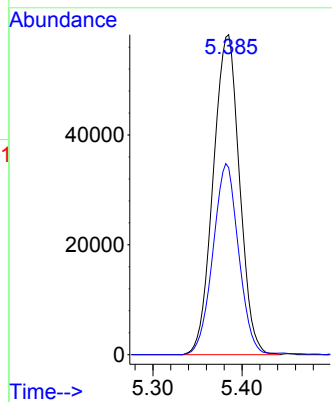
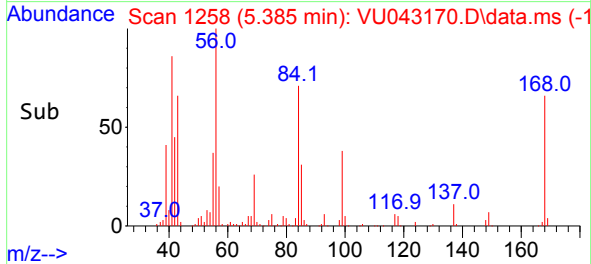




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



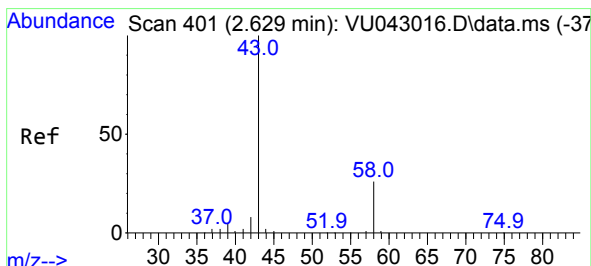
Tgt Ion: 168 Resp: 119595
Ion Ratio Lower Upper
168 100
99 58.5 45.0 67.4



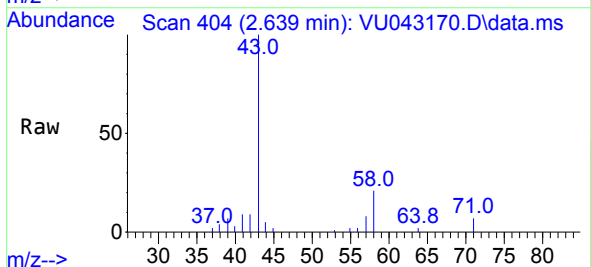
Instrument :
MSVOA_U
ClientSampled :
124-GW-2

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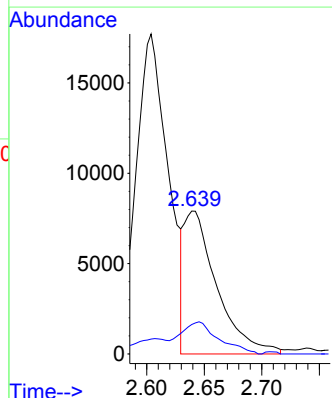
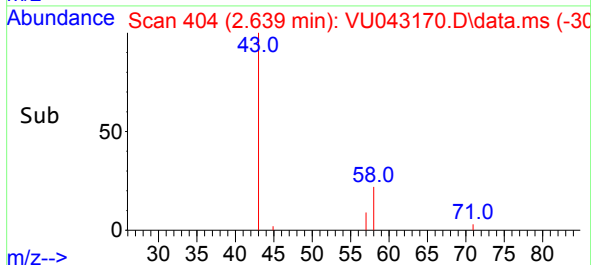
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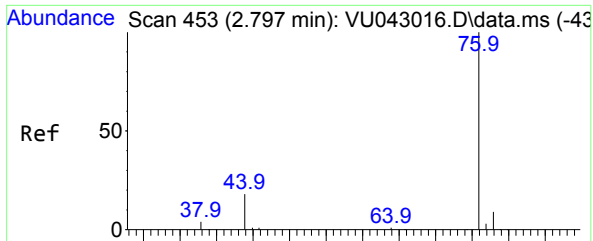


#16
Acetone
Concen: 12.95 ug/l m
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



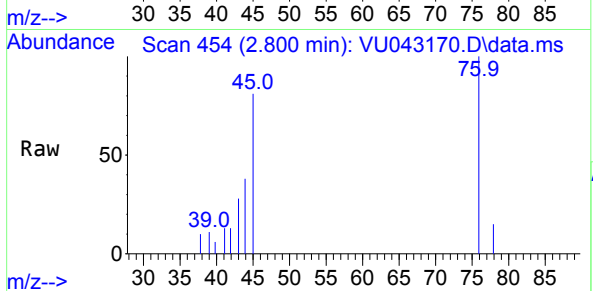
Tgt Ion: 43 Resp: 15665
Ion Ratio Lower Upper
43 100
58 20.6 21.5 32.3#





#17
Carbon Disulfide
Concen: 0.83 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

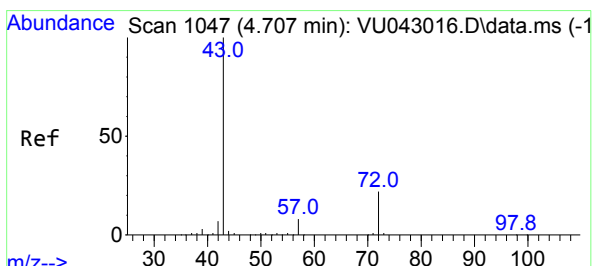
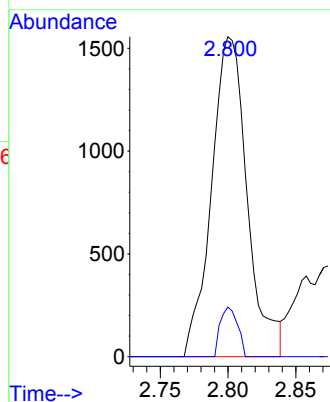
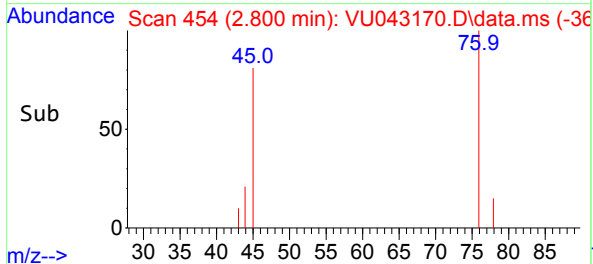
Instrument :
MSVOA_U
ClientSampleId :
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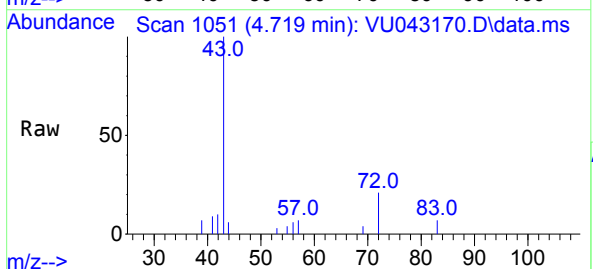
Tgt Ion: 76 Resp: 2855
Ion Ratio Lower Upper
76 100
78 15.5 7.5 11.3#

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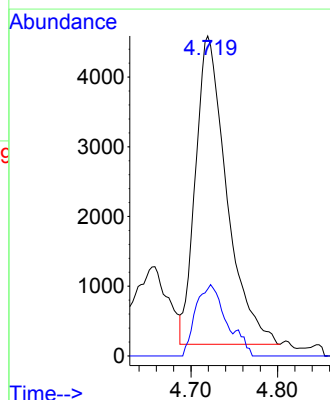
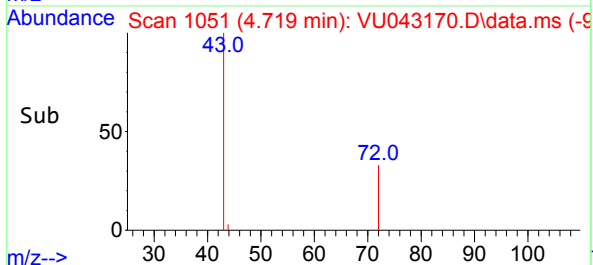
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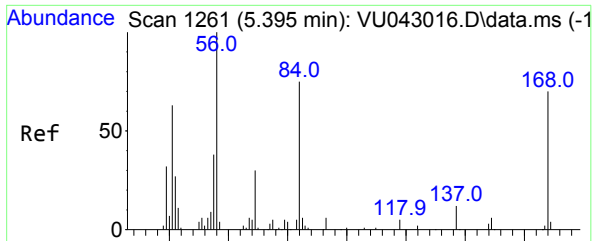


#25
2-Butanone
Concen: 6.05 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

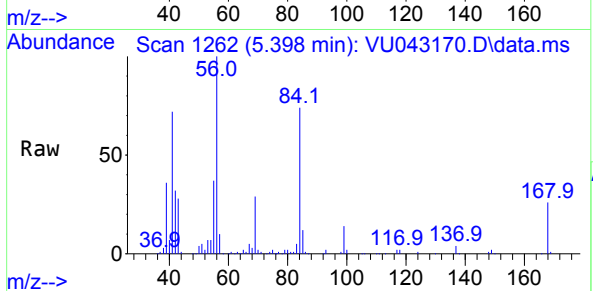


Tgt Ion: 43 Resp: 11048
Ion Ratio Lower Upper
43 100
72 21.7 17.4 26.0

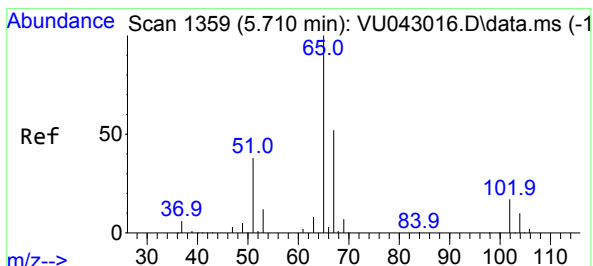
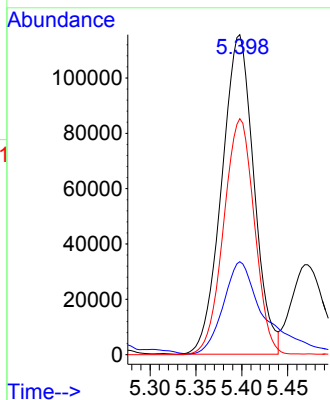
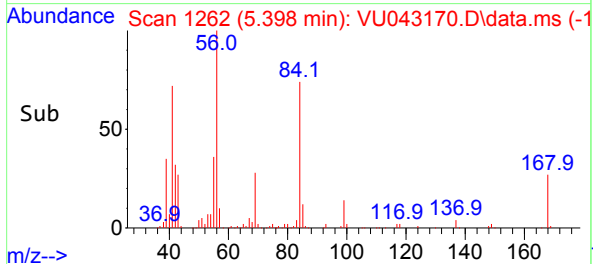




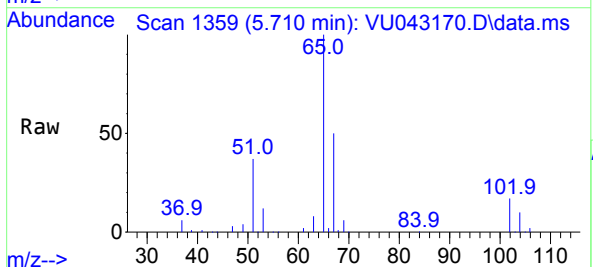
#31
Cyclohexane
Concen: 113.59 ug/l
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



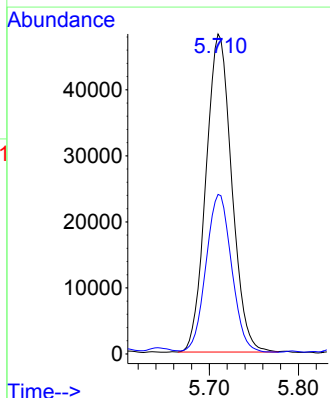
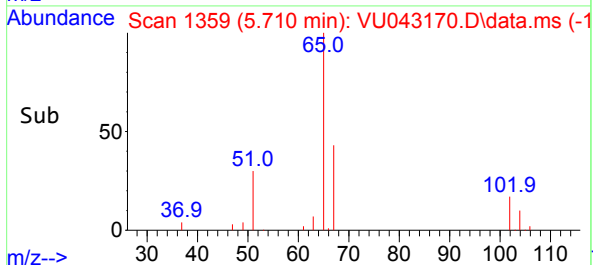
Tgt Ion: 56 Resp: 281708
Ion Ratio Lower Upper
56 100
69 28.5 24.9 37.3
84 73.9 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 48.10 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



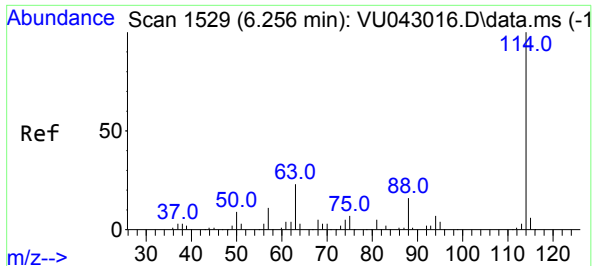
Tgt Ion: 65 Resp: 96703
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.8



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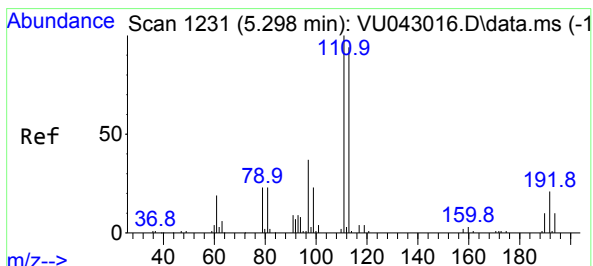
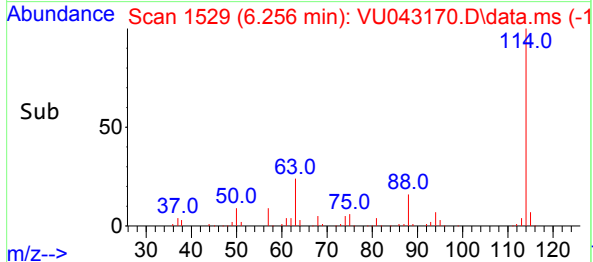
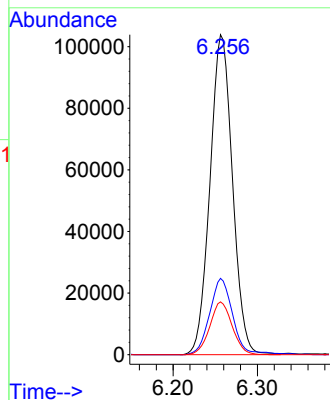
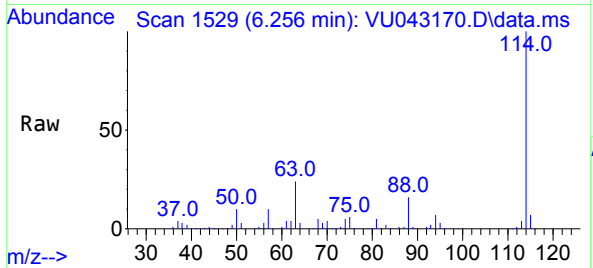
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043170.D
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Tgt Ion:114 Resp: 192974
Ion Ratio Lower Upper
114 100
63 23.8 0.0 44.2
88 16.5 0.0 33.4

Instrument :
MSVOA_U
ClientSampled :
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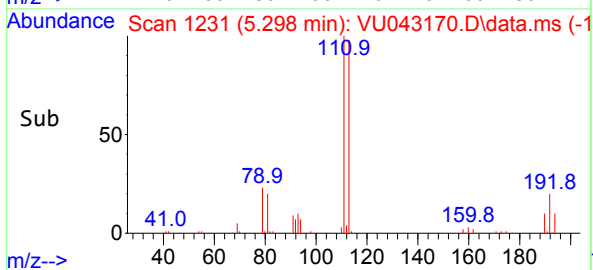
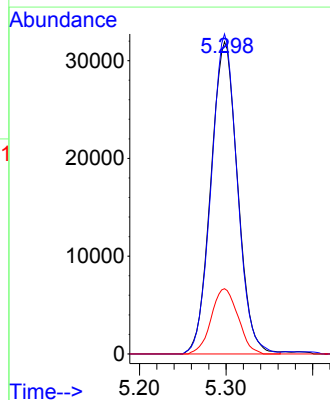
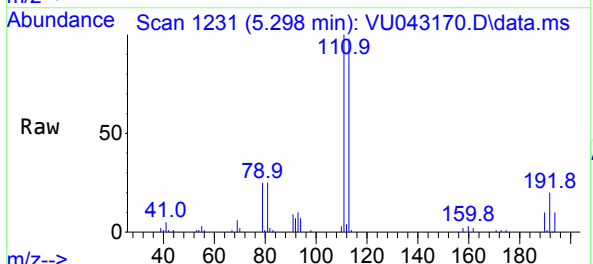
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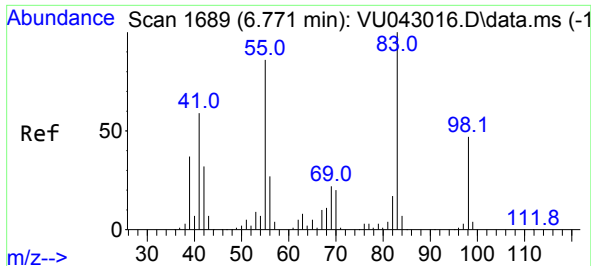
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#35
Dibromofluoromethane
Concen: 47.21 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion:113 Resp: 68456
Ion Ratio Lower Upper
113 100
111 99.9 81.8 122.8
192 20.9 17.2 25.8





#39

Methylcyclohexane

Concen: 140.26 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043170.D

Acq: 16 Apr 2021 15:51

Tgt Ion:	83	Resp:	315704
Ion	Ratio	Lower	Upper
83	100		
55	87.5	66.8	100.2
98	45.8	36.9	55.3

Instrument :

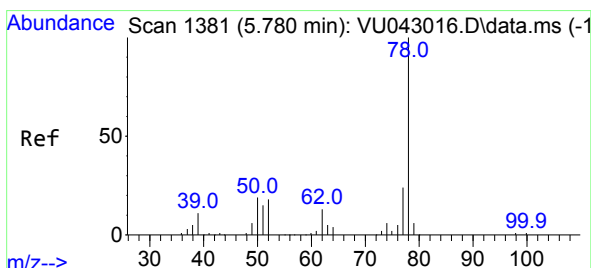
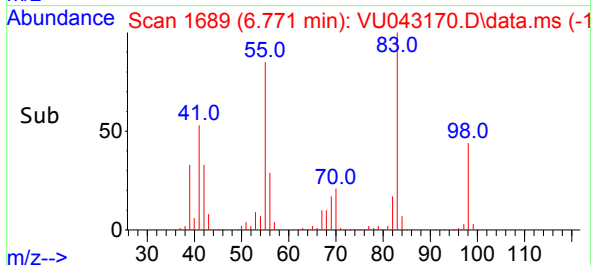
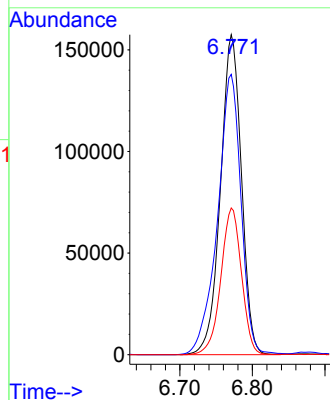
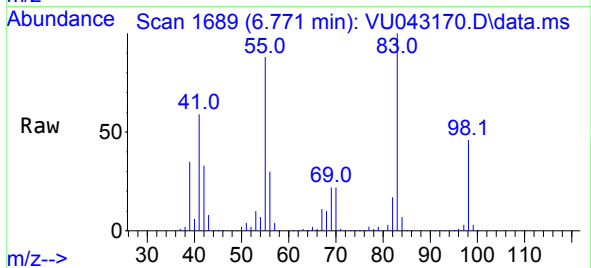
MSVOA_U

ClientSampleId :

124-GW-2

Manual Integrations
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#40

Benzene

Concen: 1.06 ug/l

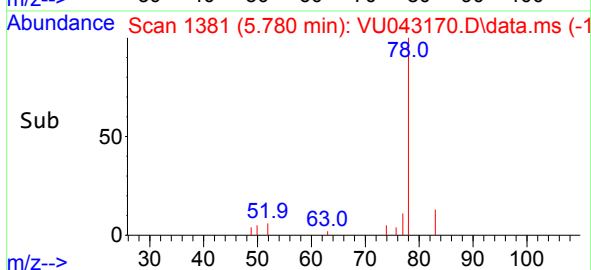
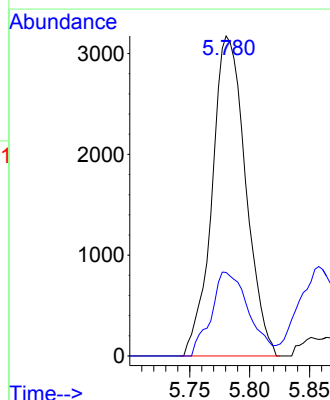
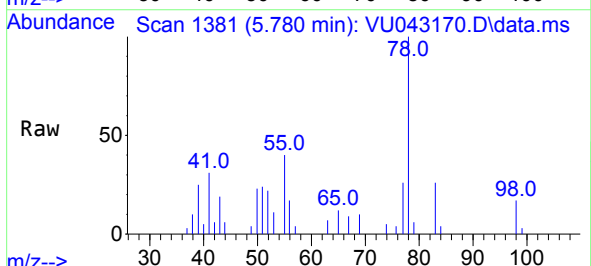
RT: 5.780 min Scan# 1381

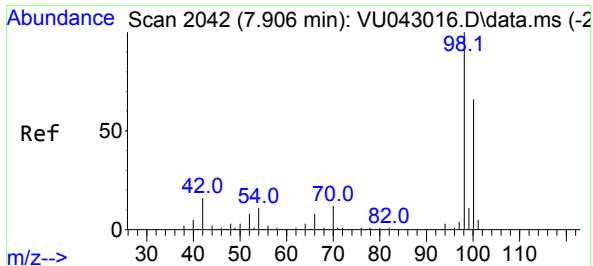
Delta R.T. 0.000 min

Lab File: VU043170.D

Acq: 16 Apr 2021 15:51

Tgt Ion:	78	Resp:	6190
Ion	Ratio	Lower	Upper
78	100		
77	26.1	19.3	28.9





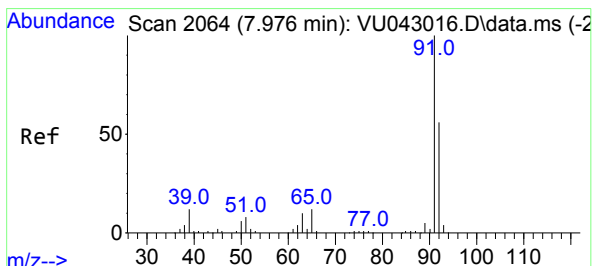
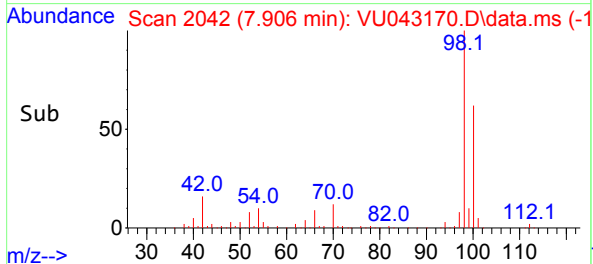
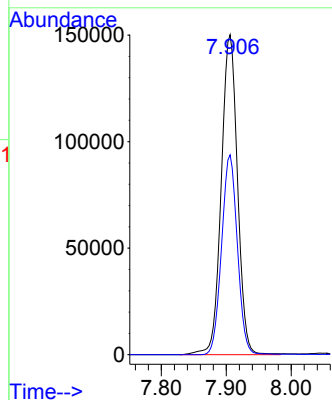
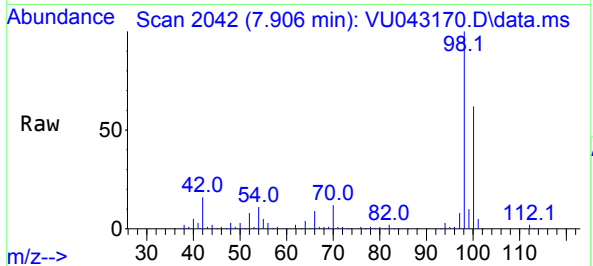
#50
Toluene-d8
Concen: 50.67 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion: 98 Resp: 259981
Ion Ratio Lower Upper
98 100
100 60.6 50.2 75.2

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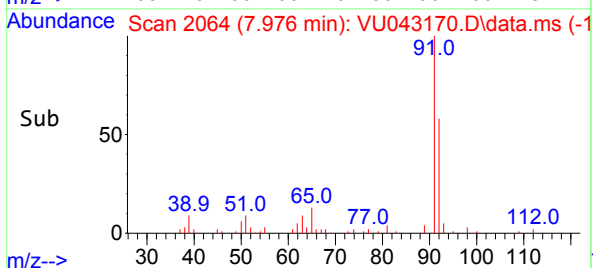
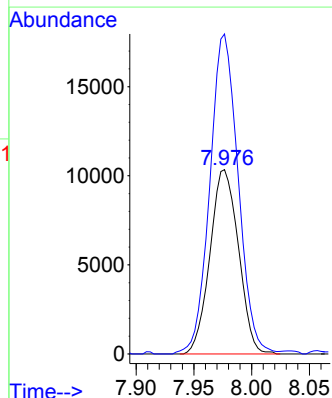
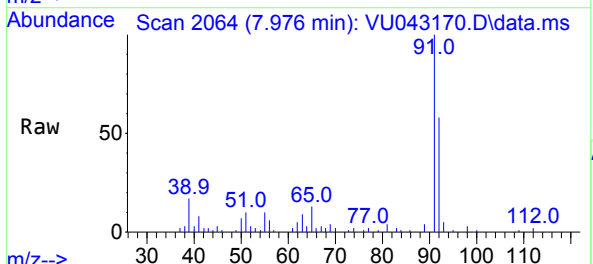
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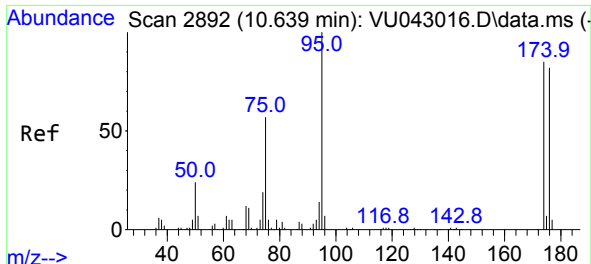
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4/19/2021 9:40:54 AM



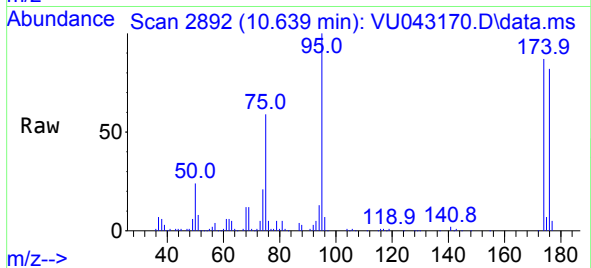
#52
Toluene
Concen: 4.89 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion: 92 Resp: 17735
Ion Ratio Lower Upper
92 100
91 172.5 140.3 210.5

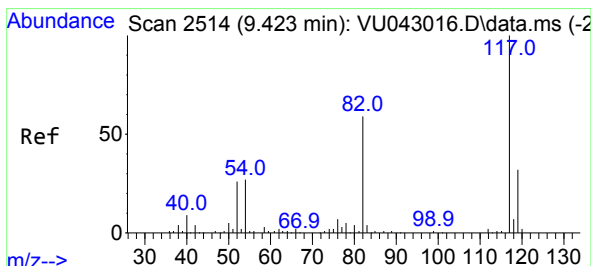
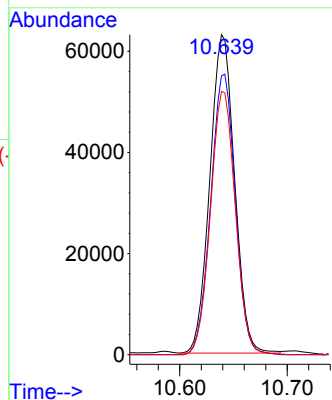
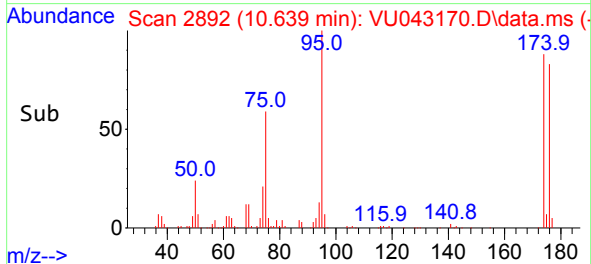




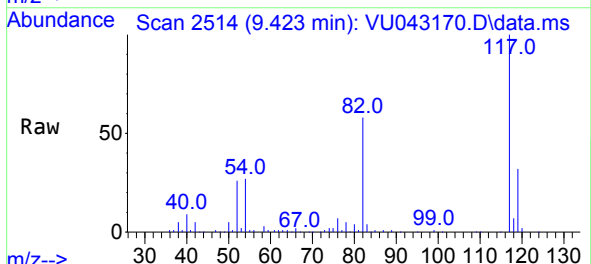
#62
4-Bromofluorobenzene
Concen: 48.95 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



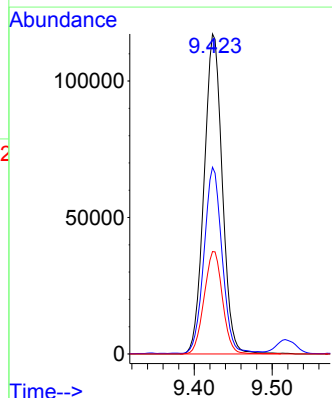
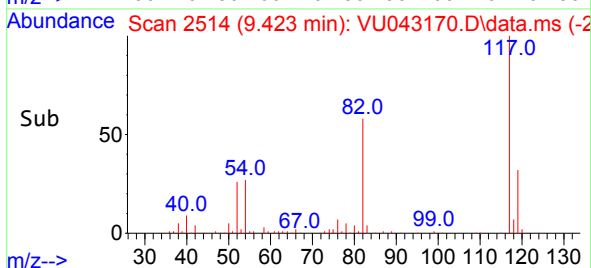
Tgt Ion: 95 Resp: 100573
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 82.9 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



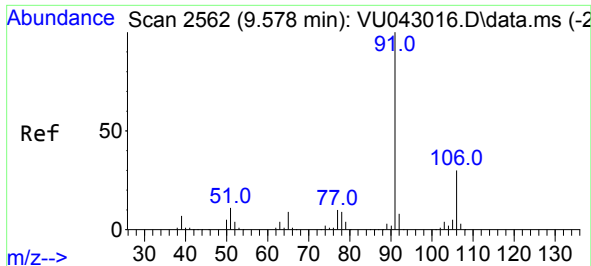
Tgt Ion: 117 Resp: 190481
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.6
119 32.0 25.8 38.8



Instrument :
MSVOA_U
ClientSampleId :
124-GW-2

Manual Integrations
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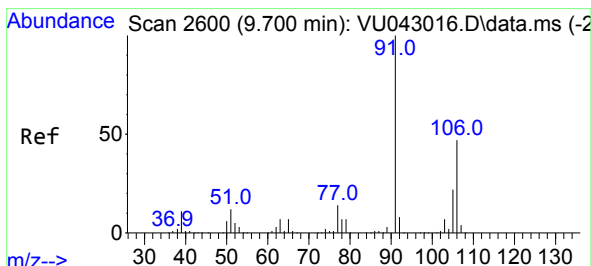
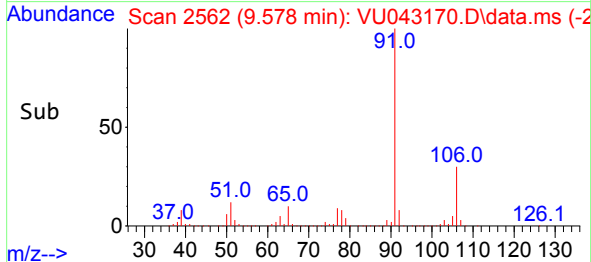
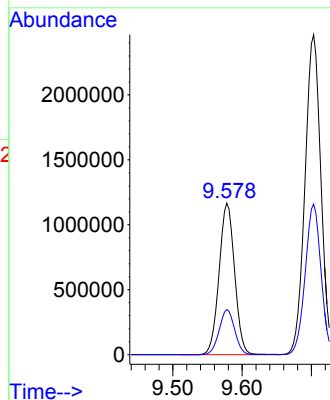
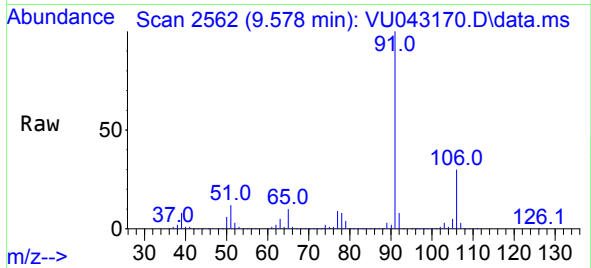
#67
Ethyl Benzene
Concen: 246.66 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion: 91 Resp: 1818465
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1

Instrument :
MSVOA_U
ClientSampleId :
124-GW-2

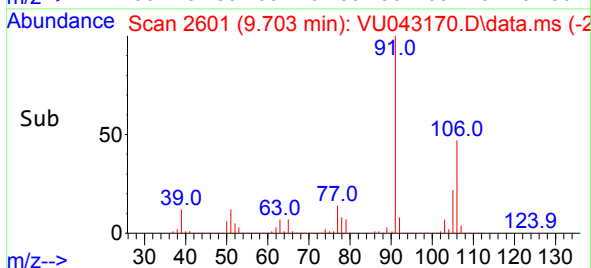
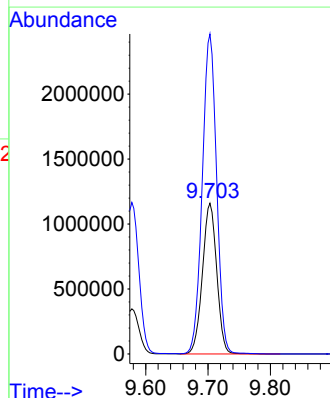
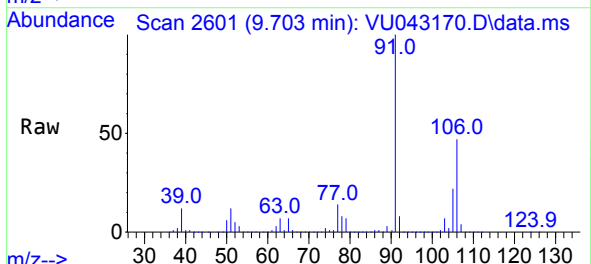
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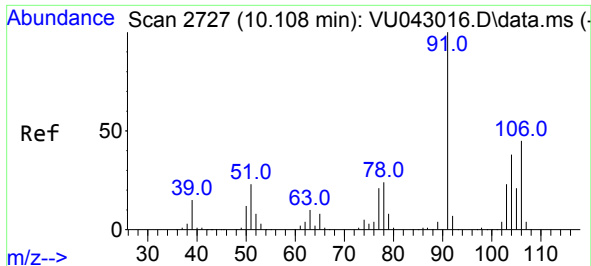
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#68
m/p-Xylenes
Concen: 676.77 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion: 106 Resp: 1845946
Ion Ratio Lower Upper
106 100
91 213.1 169.9 254.9





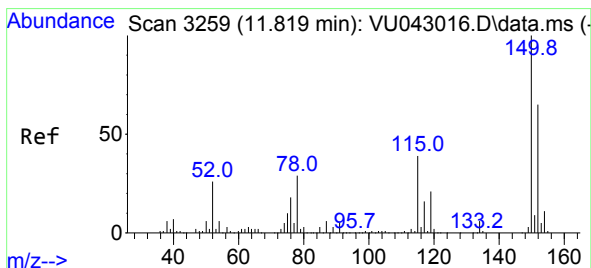
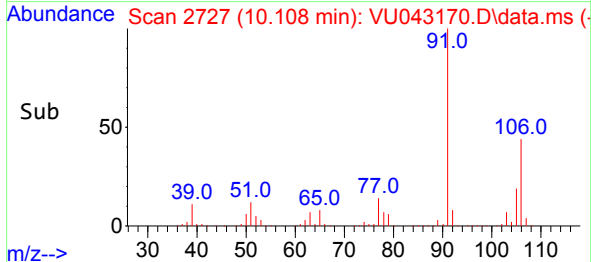
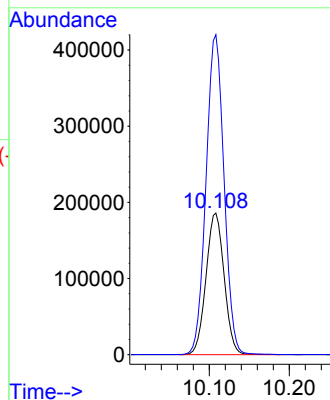
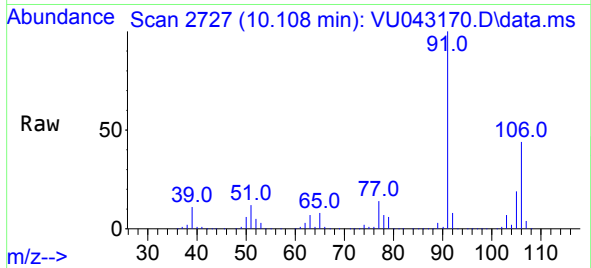
#69
o-Xylene
Concen: 110.35 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion:106 Resp: 293787
Ion Ratio Lower Upper
106 100
91 224.0 111.2 333.6

Instrument :
MSVOA_U
ClientSampled :
124-GW-2

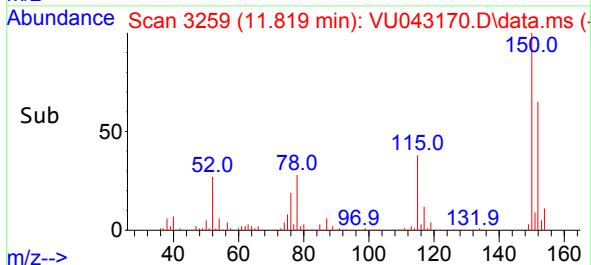
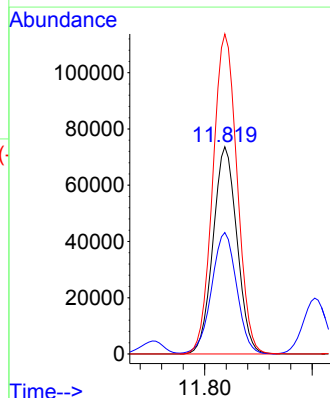
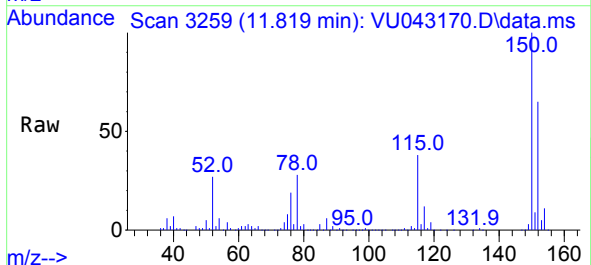
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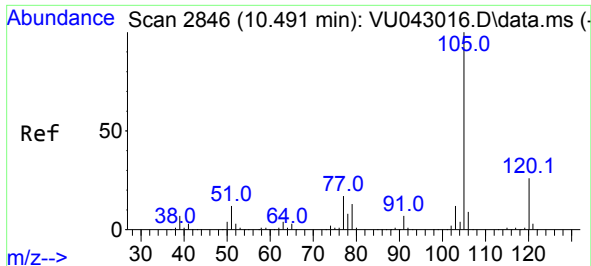
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion:152 Resp: 113856
Ion Ratio Lower Upper
152 100
115 61.7 41.5 124.6
150 156.5 0.0 342.4





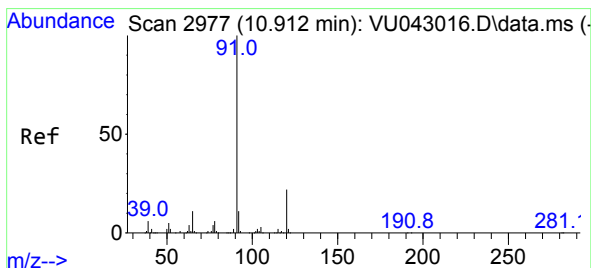
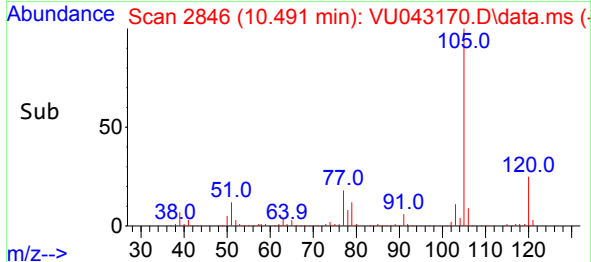
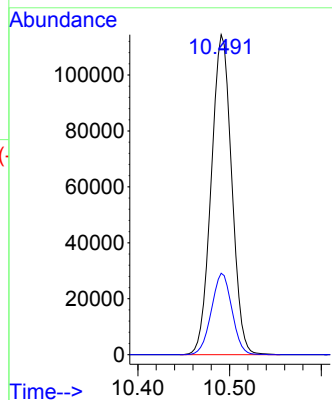
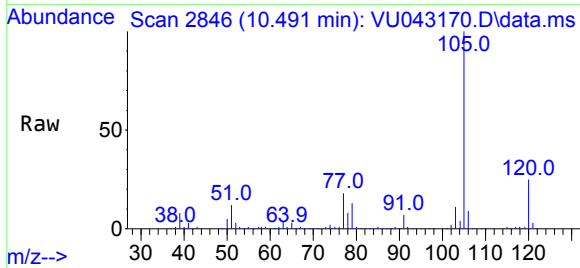
#73
Isopropylbenzene
Concen: 23.20 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion: 105 Resp: 177277
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.3

Instrument :
MSVOA_U
ClientSampleId :
124-GW-2

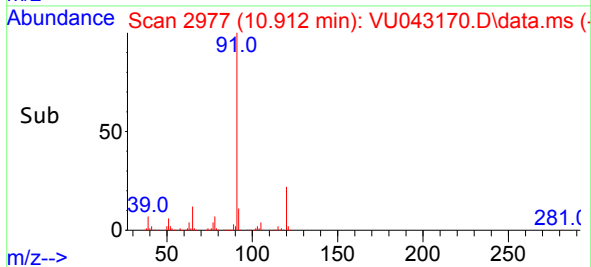
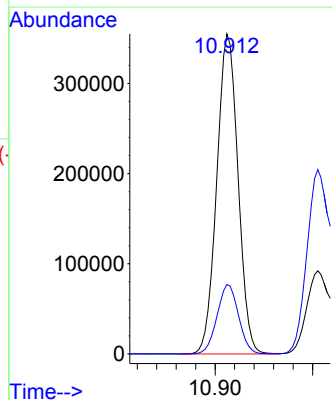
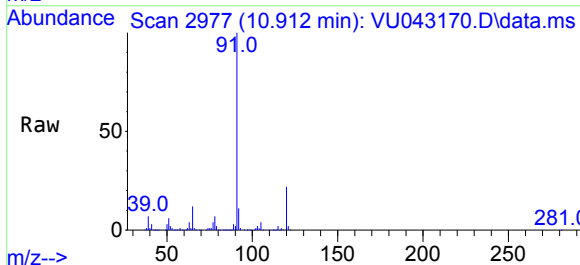
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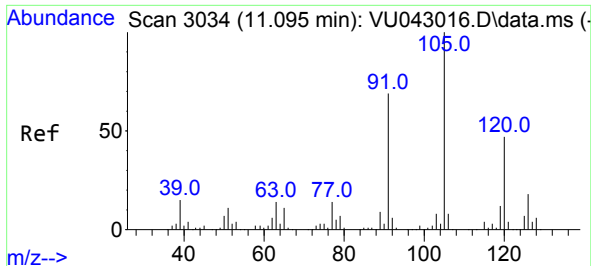
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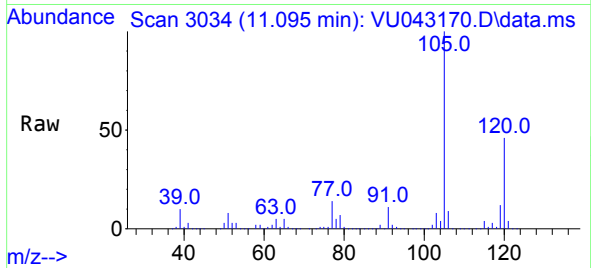
#78
n-propylbenzene
Concen: 58.72 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion: 91 Resp: 537250
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6

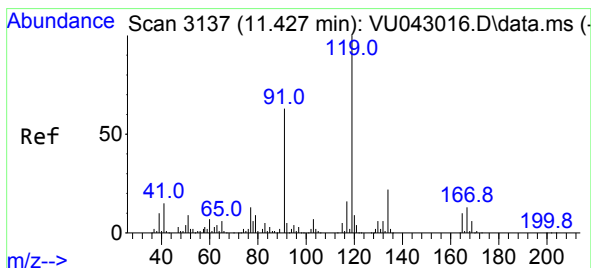
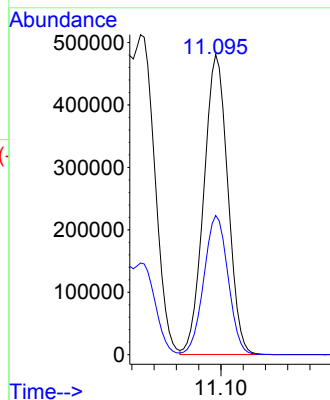
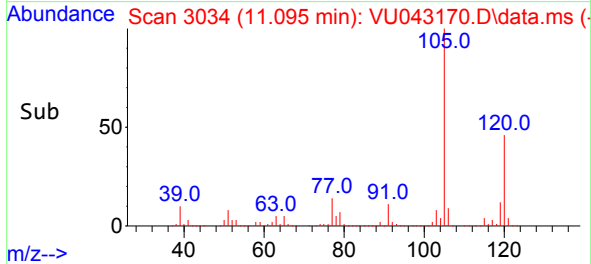




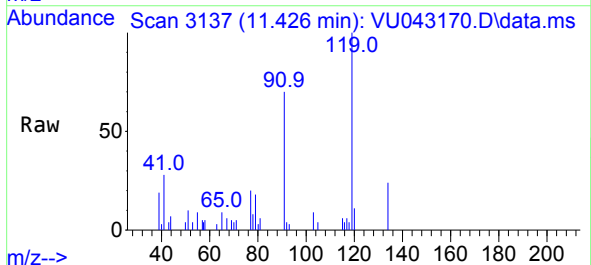
#80
1,3,5-Trimethylbenzene
Concen: 106.71 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



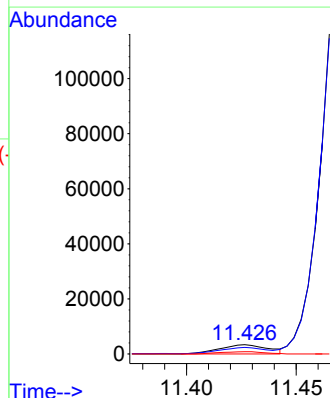
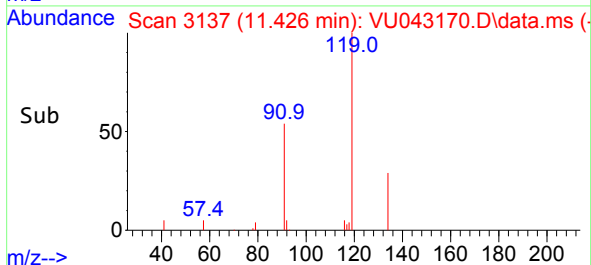
Tgt Ion:105 Resp: 719830
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.4



#83
tert-Butylbenzene
Concen: 0.78 ug/l m
RT: 11.426 min Scan# 3137
Delta R.T. -0.001 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



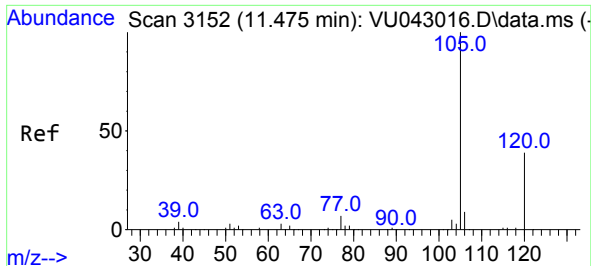
Tgt Ion:119 Resp: 5184
Ion Ratio Lower Upper
119 100
91 5957.3 30.3 90.9#
134 0.0 11.4 34.1#



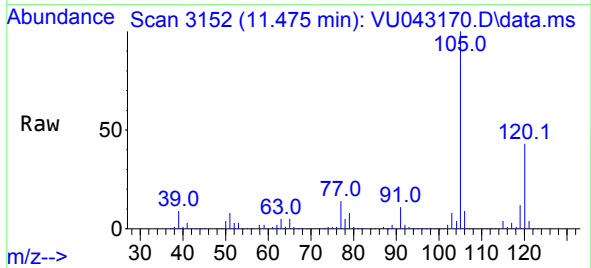
Instrument :
MSVOA_U
ClientSampled :
124-GW-2

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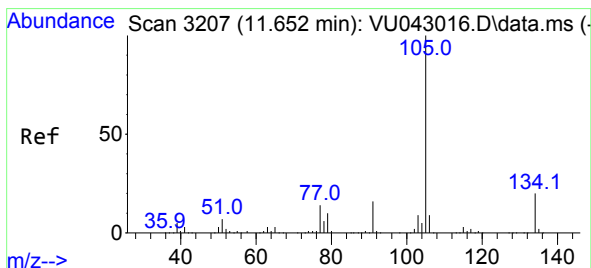
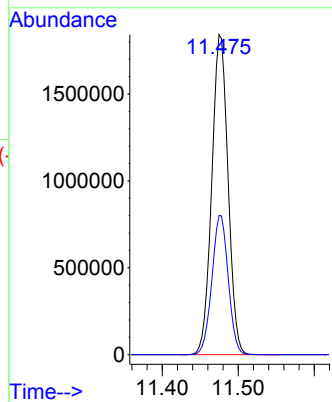
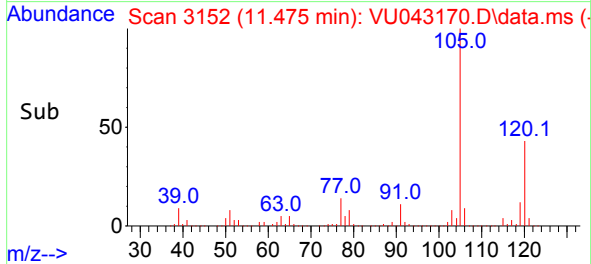
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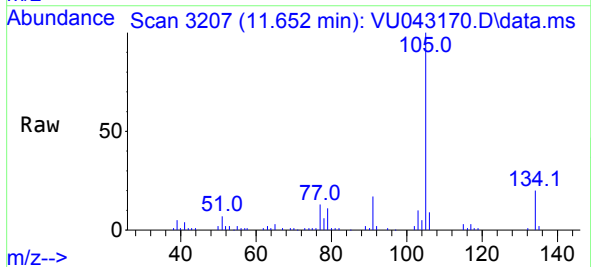
#84
1,2,4-Trimethylbenzene
Concen: 394.21 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



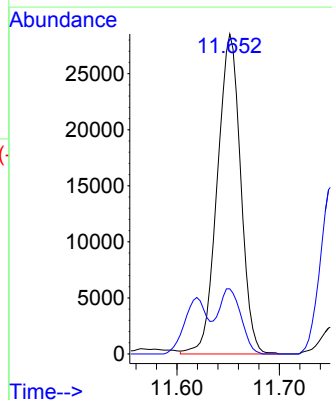
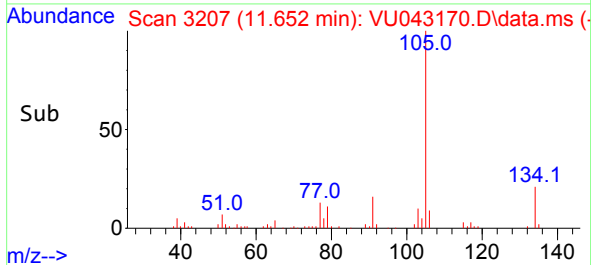
Tgt Ion:105 Resp: 2732285
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.8



#85
sec-Butylbenzene
Concen: 5.80 ug/l m
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51



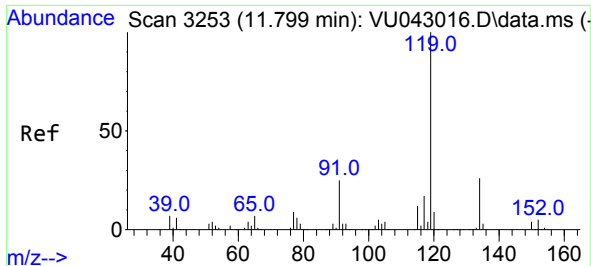
Tgt Ion:105 Resp: 45081
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#



Instrument :
MSVOA_U
ClientSampled :
124-GW-2

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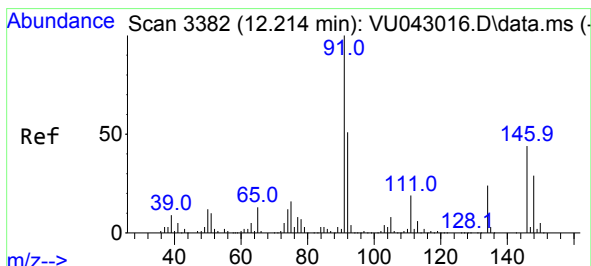
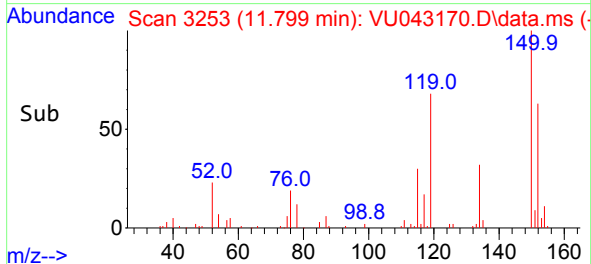
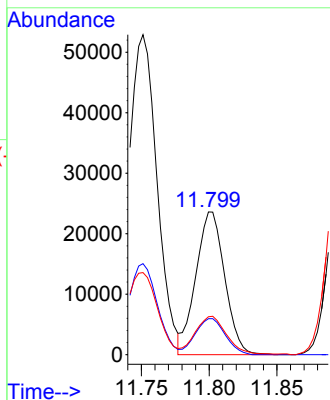
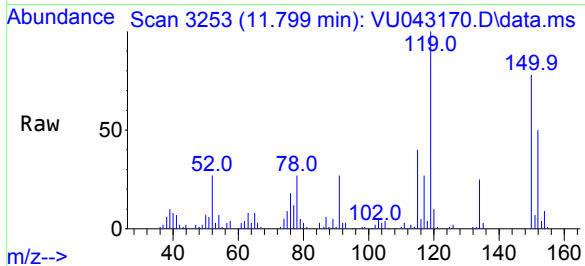
#86
p-Isopropyltoluene
Concen: 4.90 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion:	119	Resp:	35079
Ion Ratio	Lower	Upper	
119	100		
134	26.2	13.2	39.6
91	29.5	12.8	38.3

Instrument :
MSVOA_U
ClientSampled :
124-GW-2

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#89
n-Butylbenzene
Concen: 20.70 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.006 min
Lab File: VU043170.D
Acq: 16 Apr 2021 15:51

Tgt Ion:	91	Resp:	138694
Ion Ratio	Lower	Upper	
91	100		
92	31.5	26.2	78.6
134	103.4	12.7	38.1#

