

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043169.D
 Acq On : 16 Apr 2021 15:28
 Operator : SY/MD
 Sample : M2045-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 124-GW-1

Manual Integrations
 APPROVED

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 4/19/2021 9:40:49 AM

Quant Time: Apr 17 02:32:18 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	117393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	191574	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	183730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	95770	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	5.298	113	67012	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	7.906	98	249252	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	10.639	95	89776	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
Target Compounds					Qvalue	
16) Acetone	2.639	43	6670	5.45	ug/l	91
25) 2-Butanone	4.719	43	4012	2.24	ug/l #	86
31) Cyclohexane	5.395	56	47559	19.54	ug/l	94
39) Methylcyclohexane	6.771	83	62359	27.91	ug/l	95
40) Benzene	5.784	78	5445	0.94	ug/l	100
67) Ethyl Benzene	9.578	91	47148	6.63	ug/l	100
68) m/p-Xylenes	9.700	106	2337	0.89	ug/l	89
69) o-Xylene	10.108	106	1032	0.40	ug/l	97
73) Isopropylbenzene	10.491	105	59932	9.32	ug/l	98
78) n-propylbenzene	10.912	91	184741	24.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	12561	2.21	ug/l	99
83) tert-Butylbenzene	11.427	119	3593	0.64	ug/l	89
84) 1,2,4-Trimethylbenzene	11.475	105	5140	0.88	ug/l	90
85) sec-Butylbenzene	11.652	105	19754	3.02	ug/l	99
86) p-Isopropyltoluene	11.800	119	12001	1.99	ug/l	94
89) n-Butylbenzene	12.214	91	24901m	4.42	ug/l	

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

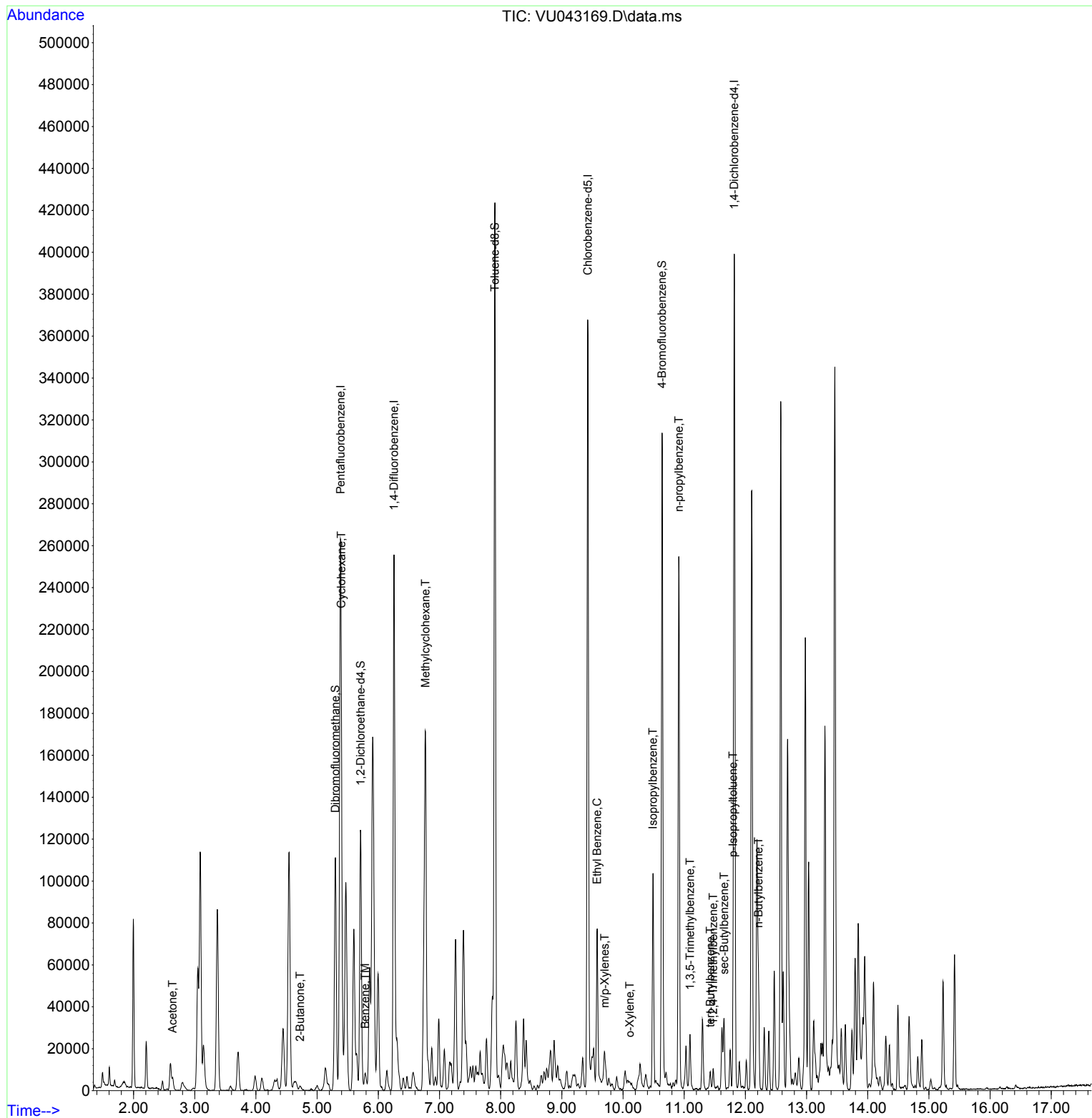
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043169.D
Acq On : 16 Apr 2021 15:28
Operator : SY/MD
Sample : M2045-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

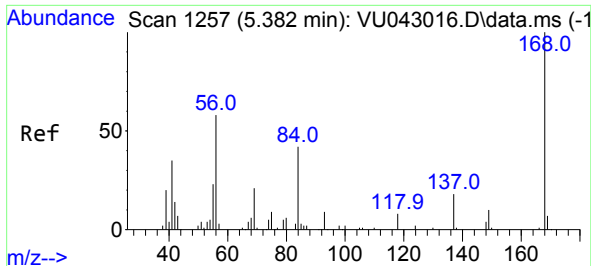
Instrument :
MSVOA_U
ClientSampleId :
124-GW-1

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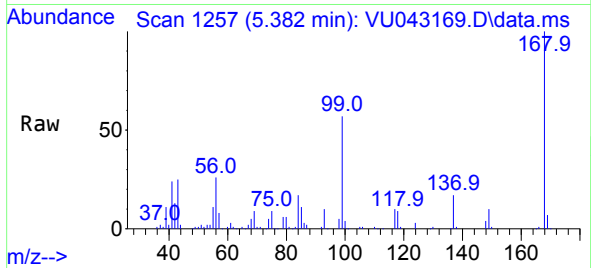
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Quant Time: Apr 17 02:32:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

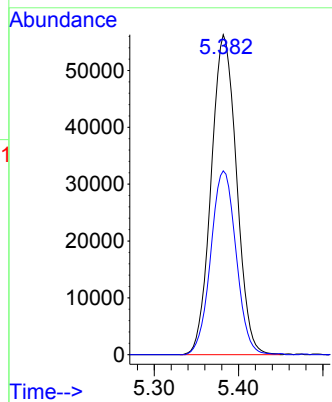
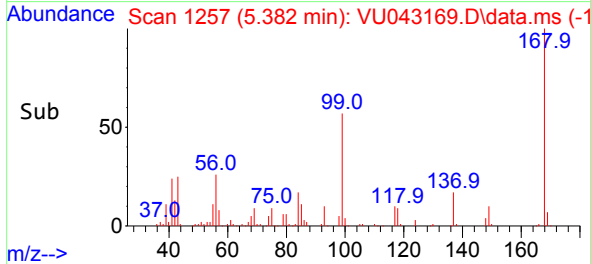




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



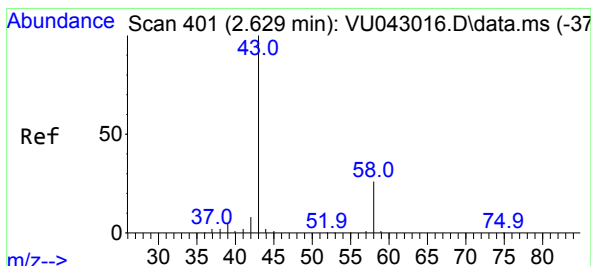
Tgt Ion: 168 Resp: 117393
Ion Ratio Lower Upper
168 100
99 57.5 45.0 67.4



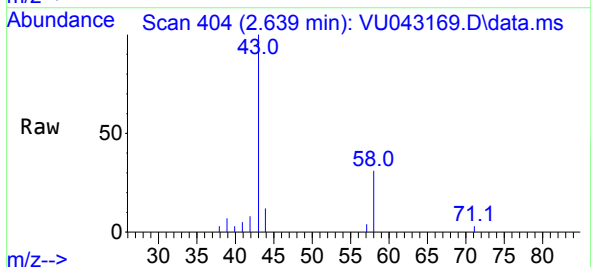
Instrument :
MSVOA_U
ClientSampleId :
124-GW-1

Manual Integrations
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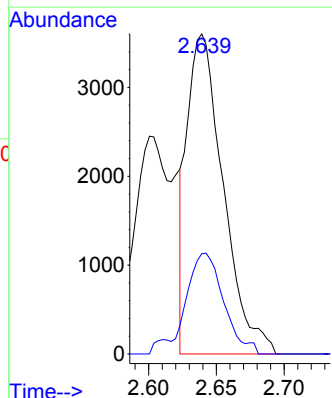
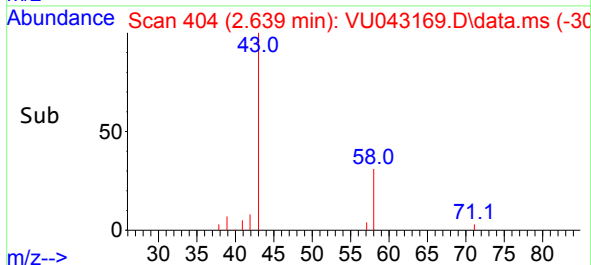
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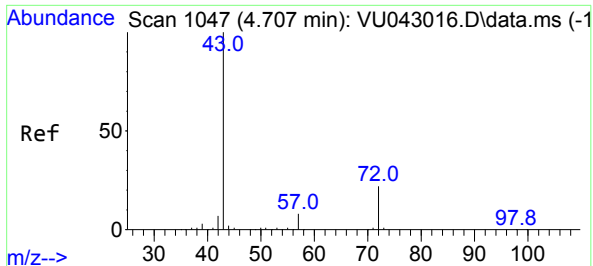


#16
Acetone
Concen: 5.45 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



Tgt Ion: 43 Resp: 6670
Ion Ratio Lower Upper
43 100
58 31.4 21.5 32.3





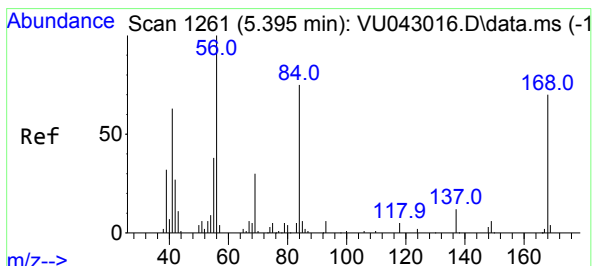
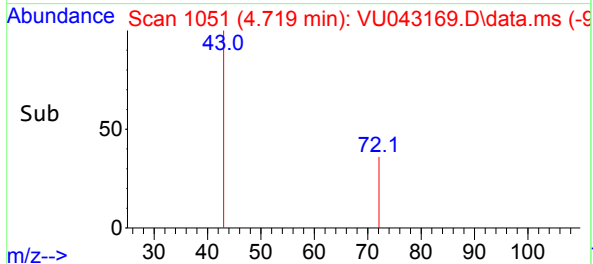
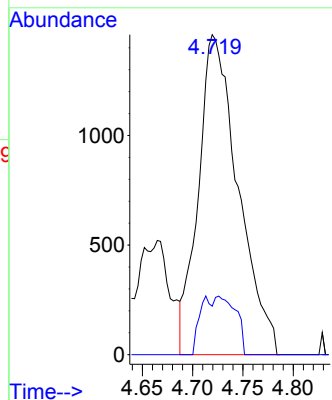
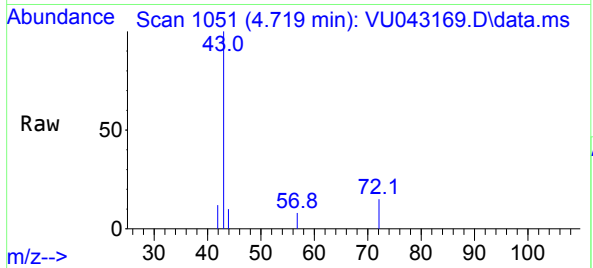
#25
2-Butanone
Concen: 2.24 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion: 43 Resp: 4012
Ion Ratio Lower Upper
43 100
72 15.1 17.4 26.0#

Instrument :
MSVOA_U
ClientSampled :
124-GW-1

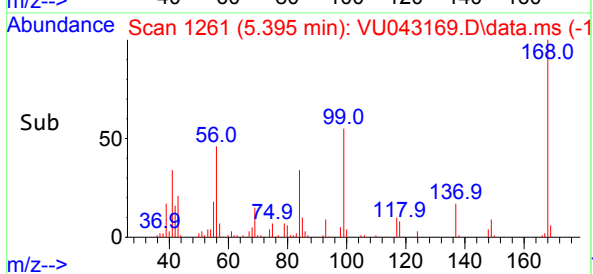
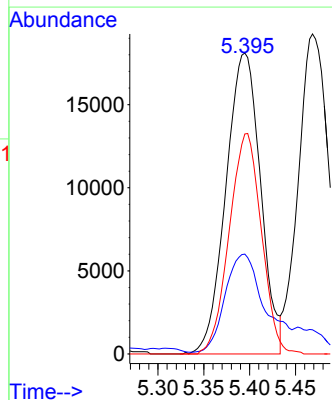
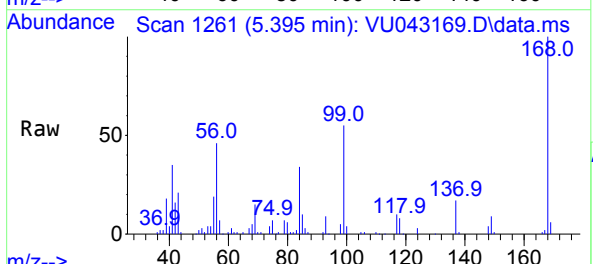
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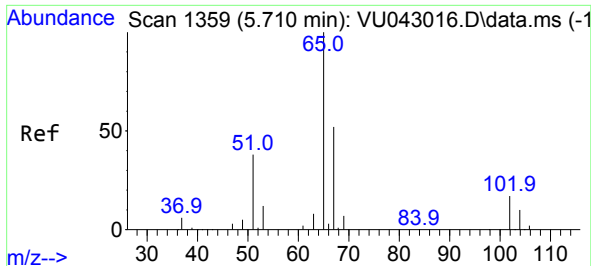
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#31
Cyclohexane
Concen: 19.54 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion: 56 Resp: 47559
Ion Ratio Lower Upper
56 100
69 31.9 24.9 37.3
84 73.1 63.7 95.5





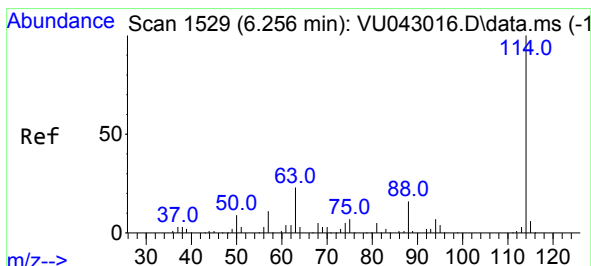
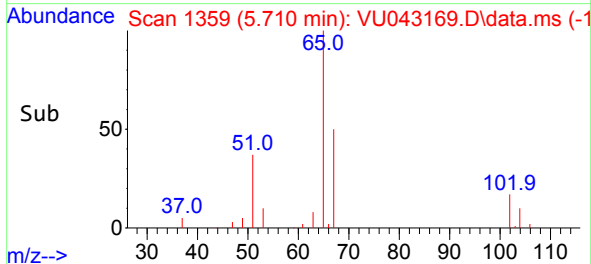
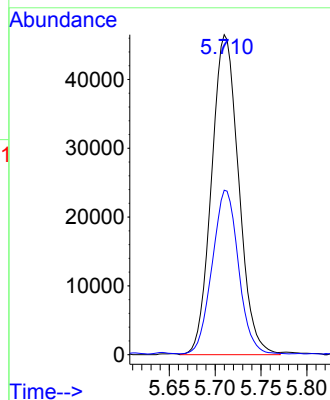
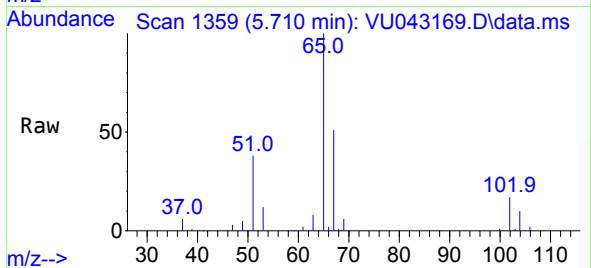
#33
1,2-Dichloroethane-d4
Concen: 48.53 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion: 65 Resp: 95770
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.8

Instrument :
MSVOA_U
ClientSampled :
124-GW-1

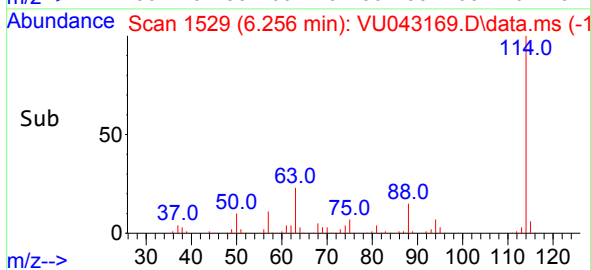
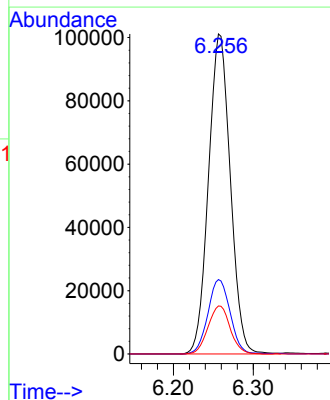
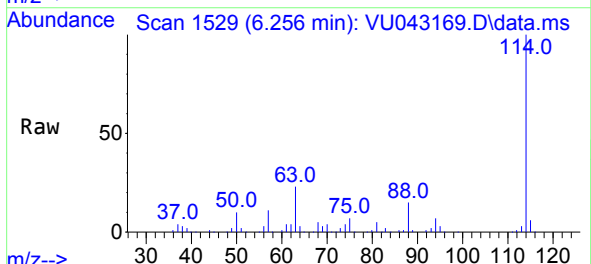
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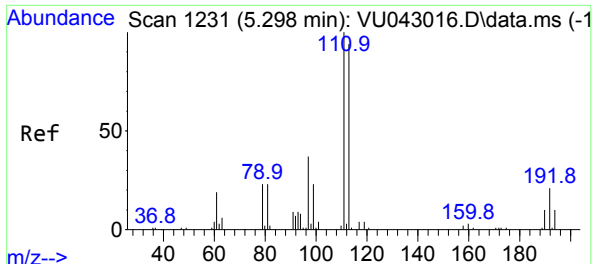
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

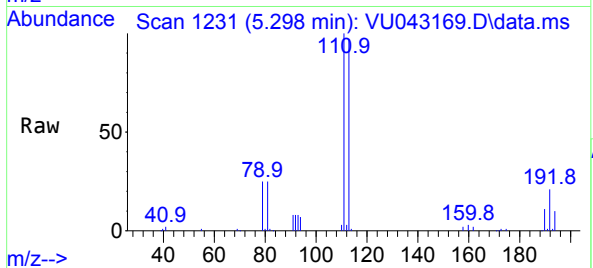
Tgt Ion: 114 Resp: 191574
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.2
88 15.0 0.0 33.4





#35
Dibromofluoromethane
Concen: 46.55 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

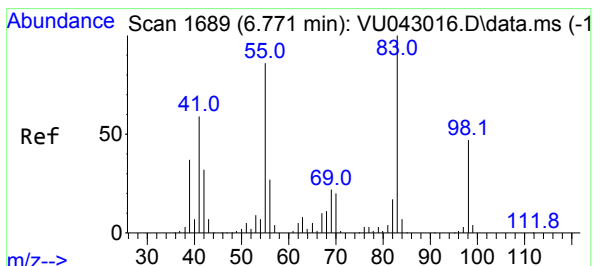
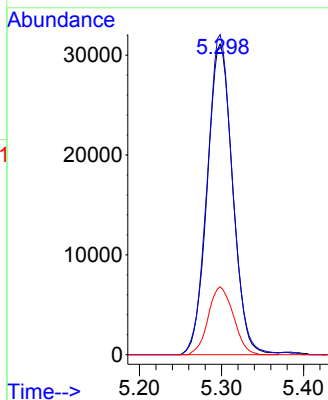
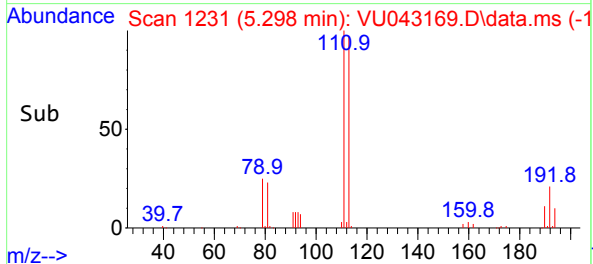
Instrument :
MSVOA_U
ClientSampleId :
124-GW-1



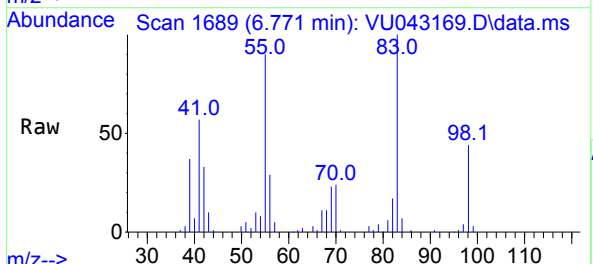
Tgt Ion:113 Resp: 67012
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 21.6 17.2 25.8

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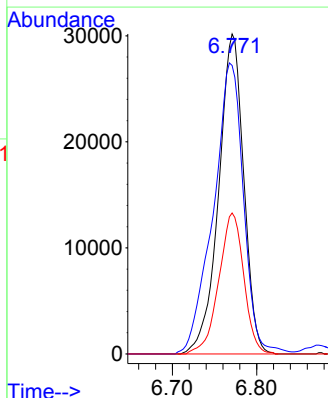
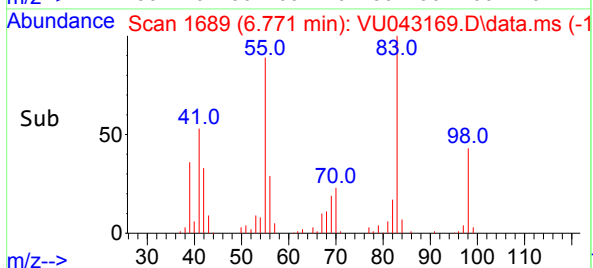
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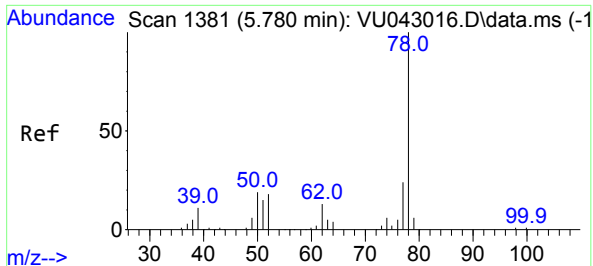


#39
Methylcyclohexane
Concen: 27.91 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



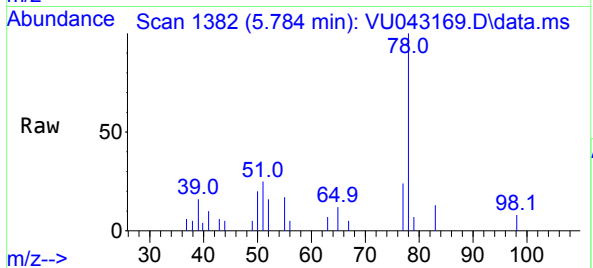
Tgt Ion: 83 Resp: 62359
Ion Ratio Lower Upper
83 100
55 89.5 66.8 100.2
98 44.0 36.9 55.3





#40
Benzene
Concen: 0.94 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

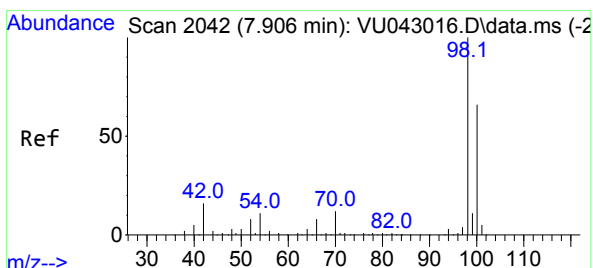
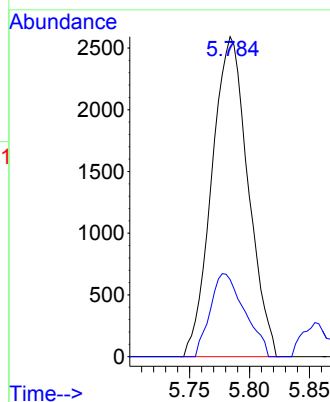
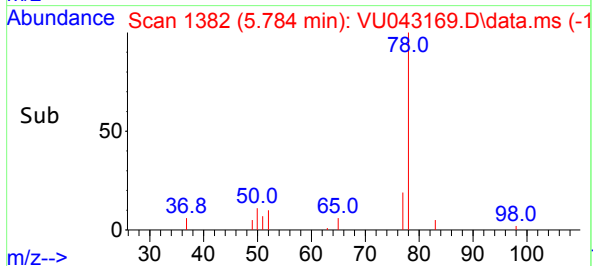
Instrument :
MSVOA_U
ClientSampled :
124-GW-1



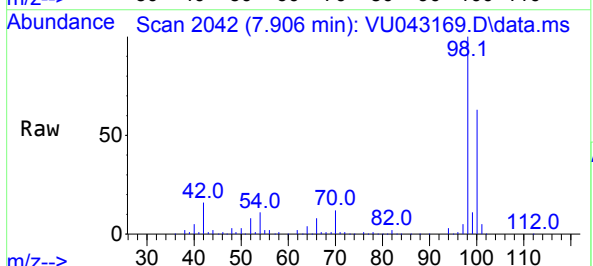
Tgt Ion: 78 Resp: 5445
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

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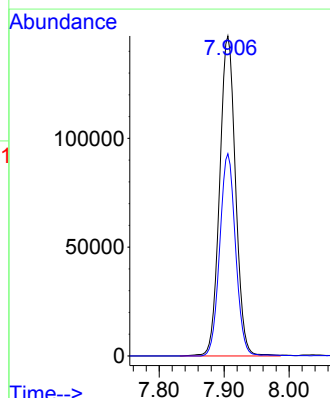
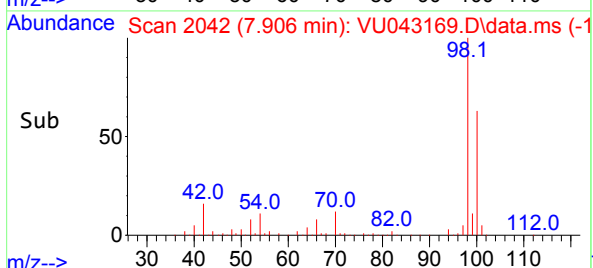
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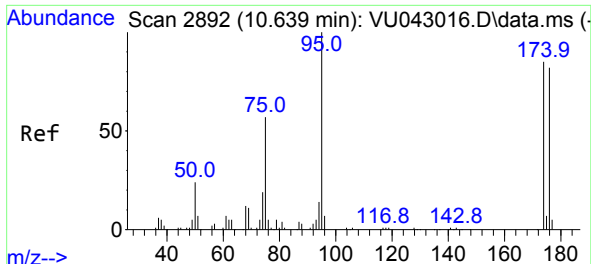


#50
Toluene-d8
Concen: 48.93 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

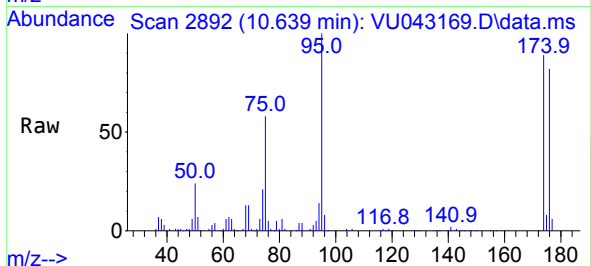


Tgt Ion: 98 Resp: 249252
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2

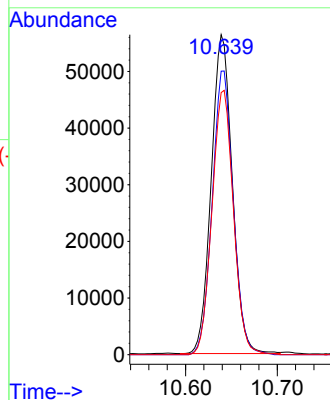
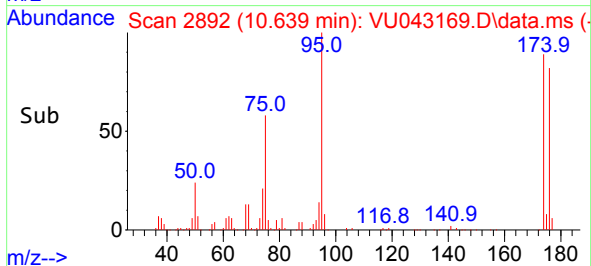




#62
4-Bromofluorobenzene
Concen: 44.01 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



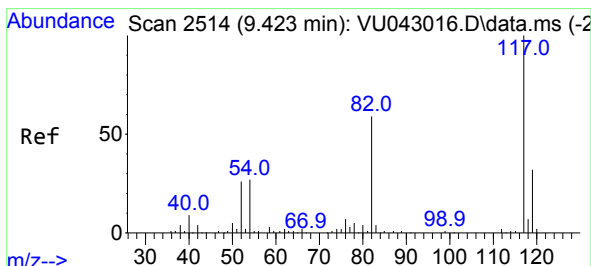
Tgt Ion: 95 Resp: 89776
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.2
176 84.3 0.0 168.8



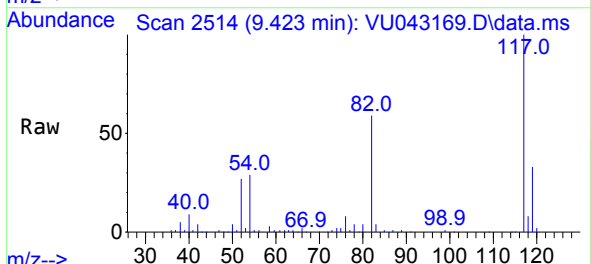
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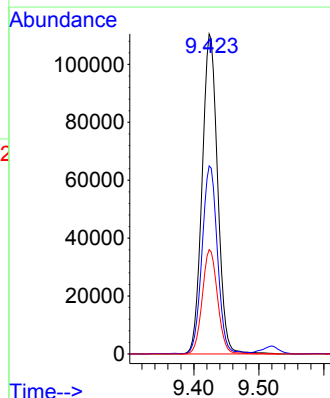
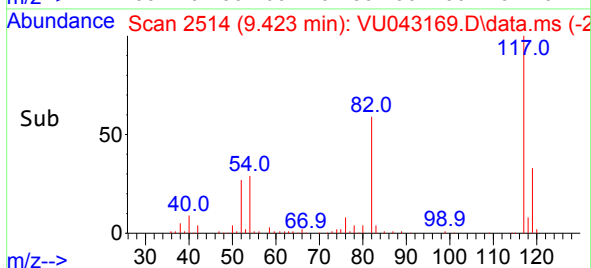
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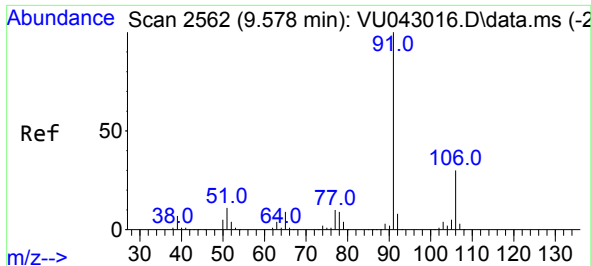


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



Tgt Ion: 117 Resp: 183730
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 32.6 25.8 38.8





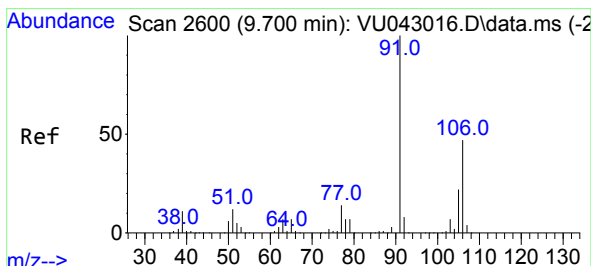
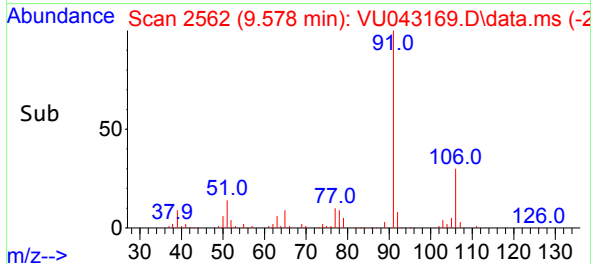
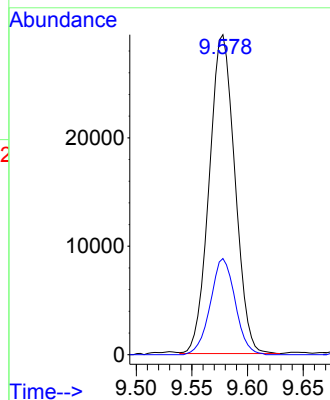
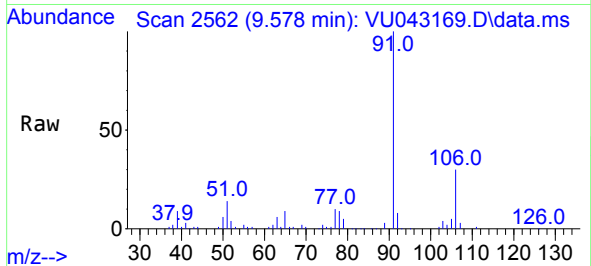
#67
Ethyl Benzene
Concen: 6.63 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion: 91 Resp: 47148
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

Instrument :
MSVOA_U
ClientSampled :
124-GW-1

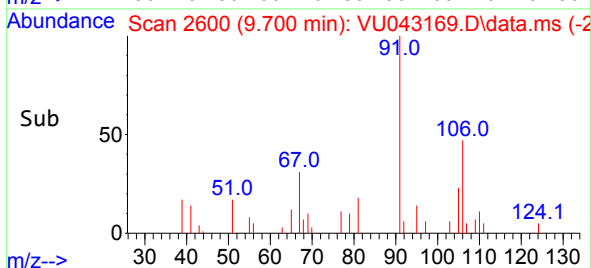
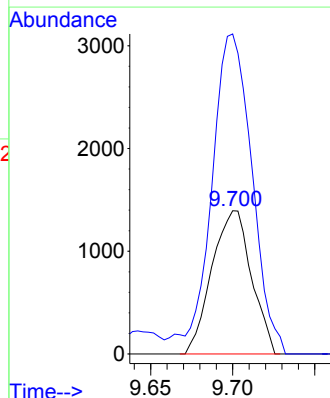
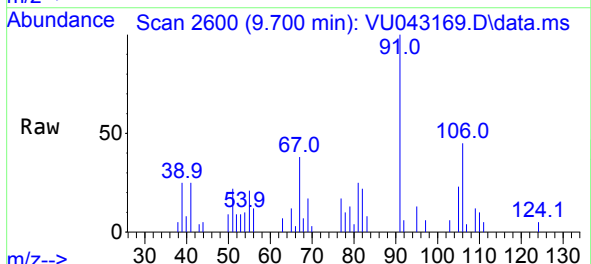
Manual Integrations
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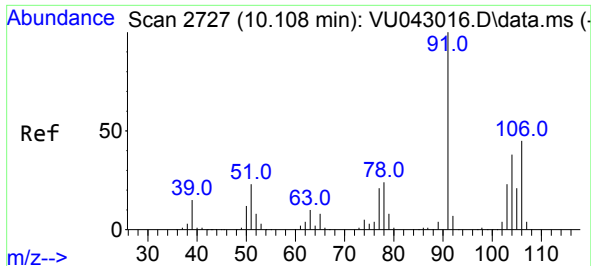
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#68
m/p-Xylenes
Concen: 0.89 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion: 106 Resp: 2337
Ion Ratio Lower Upper
106 100
91 229.1 169.9 254.9





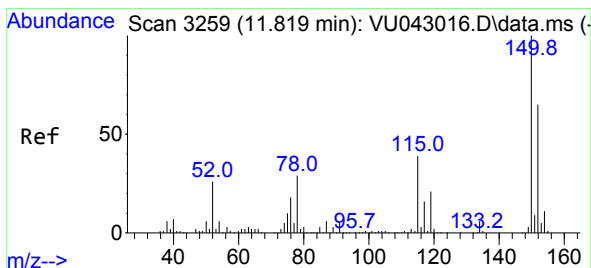
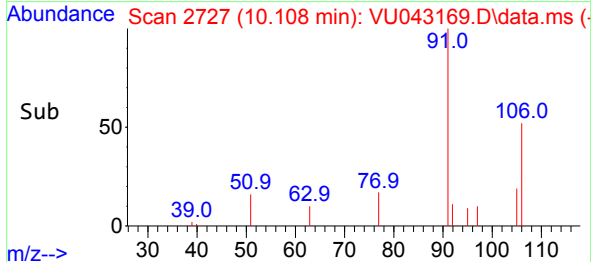
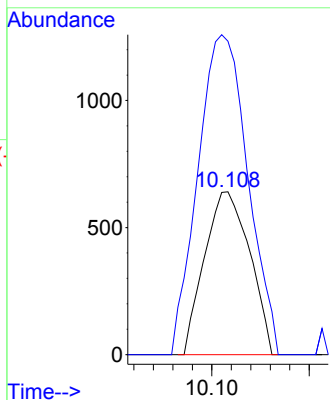
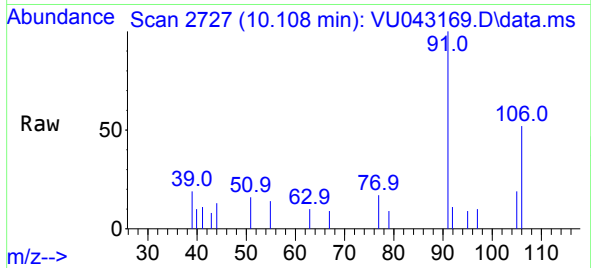
#69
o-Xylene
Concen: 0.40 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion:106 Resp: 1032
Ion Ratio Lower Upper
106 100
91 217.1 111.2 333.6

Instrument :
MSVOA_U
ClientSampled :
124-GW-1

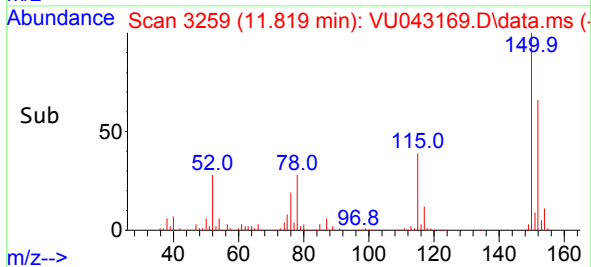
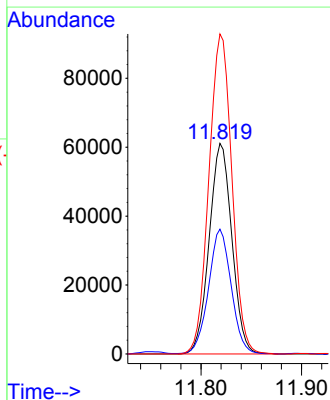
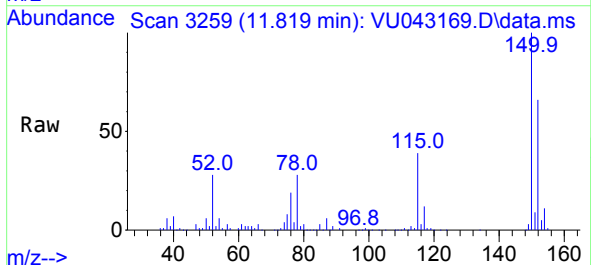
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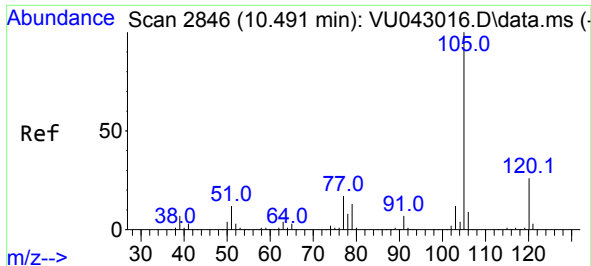
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4/19/2021 9:40:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion:152 Resp: 95807
Ion Ratio Lower Upper
152 100
115 59.2 41.5 124.6
150 153.7 0.0 342.4





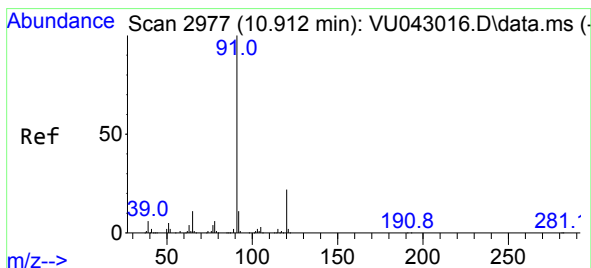
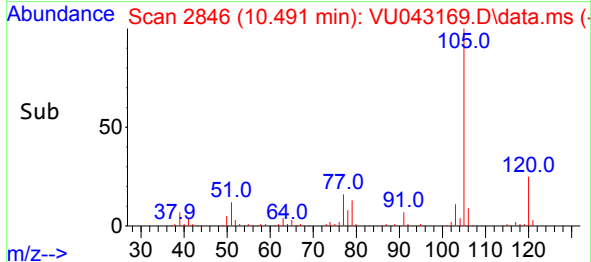
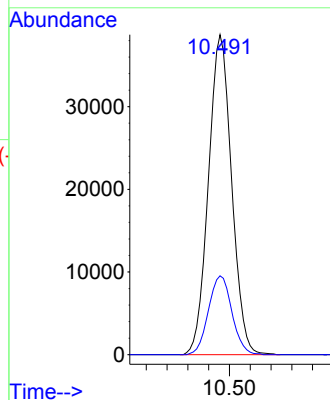
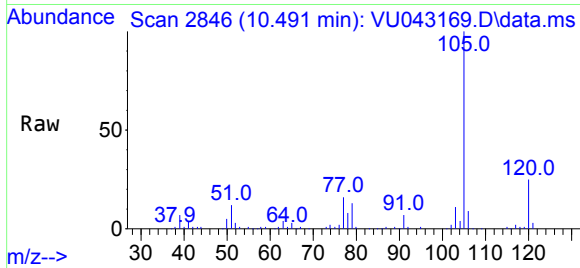
#73
Isopropylbenzene
Concen: 9.32 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion: 105 Resp: 59932
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.3

Instrument :
MSVOA_U
ClientSampled :
124-GW-1

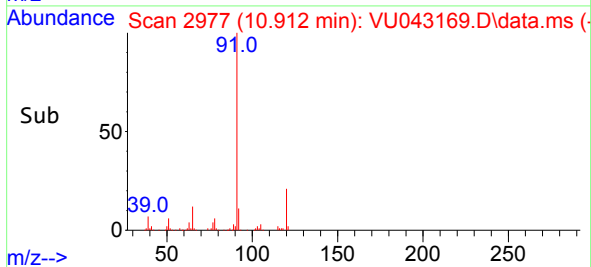
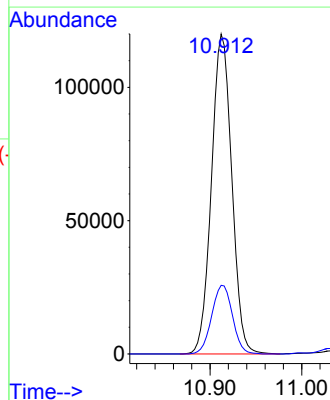
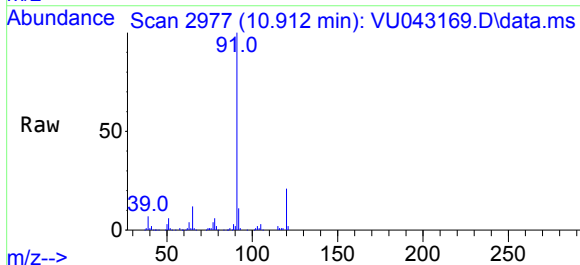
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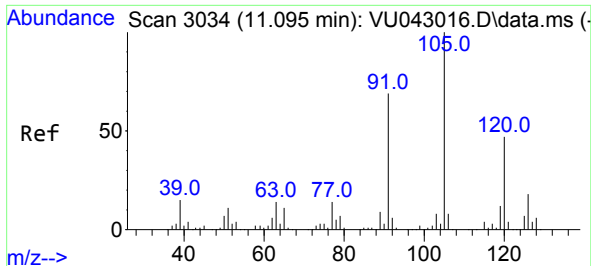
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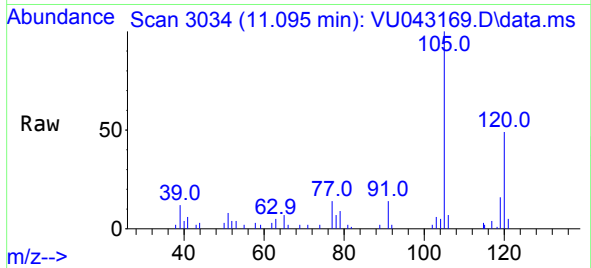
#78
n-propylbenzene
Concen: 24.00 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion: 91 Resp: 184741
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6

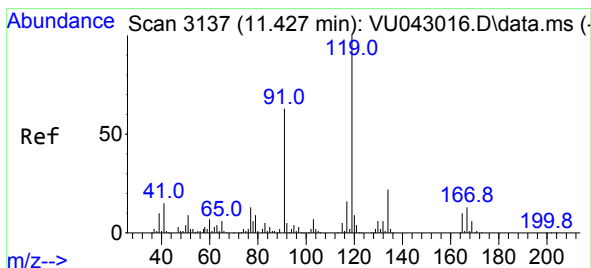
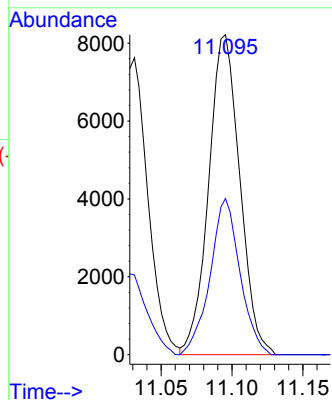
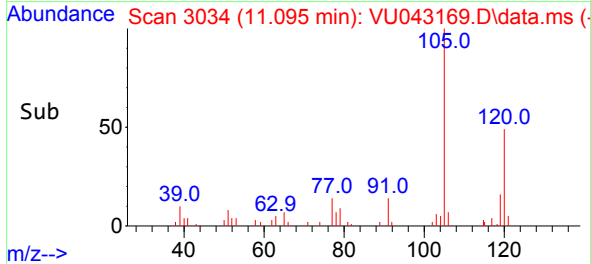




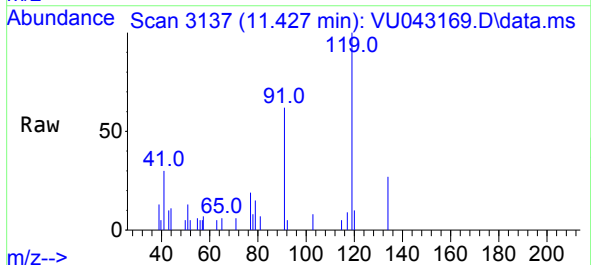
#80
1,3,5-Trimethylbenzene
Concen: 2.21 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



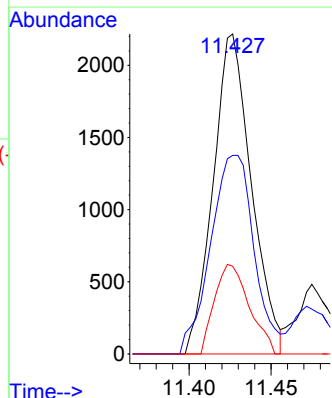
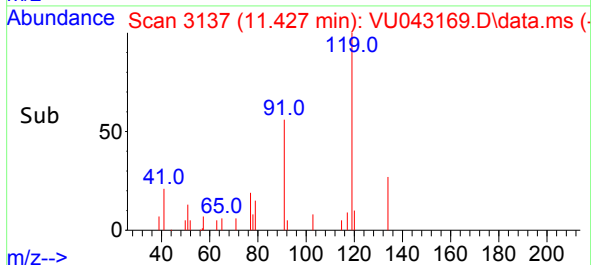
Tgt Ion:105 Resp: 12561
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.4



#83
tert-Butylbenzene
Concen: 0.64 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



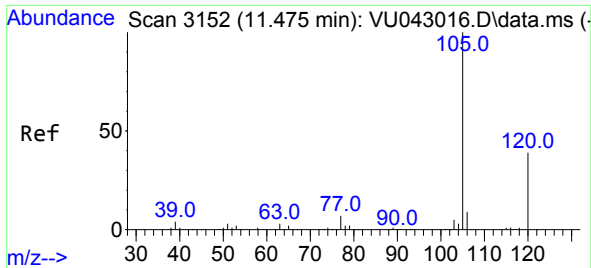
Tgt Ion:119 Resp: 3593
Ion Ratio Lower Upper
119 100
91 70.3 30.3 90.9
134 25.4 11.4 34.1



Instrument :
MSVOA_U
ClientSampled :
124-GW-1

Manual Integrations
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4/19/2021 9:40:49 AM



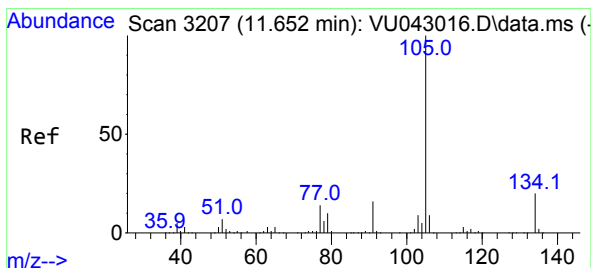
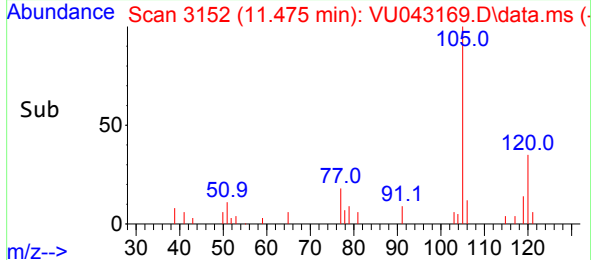
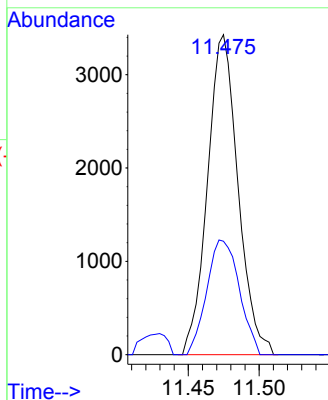
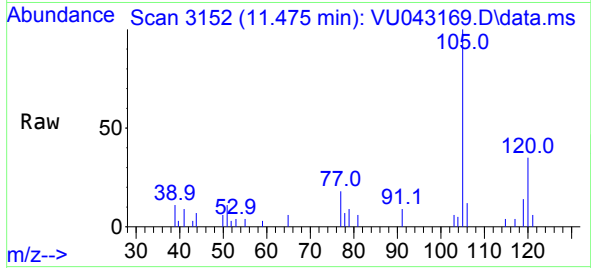
#84
1,2,4-Trimethylbenzene
Concen: 0.88 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion:105 Resp: 5140
Ion Ratio Lower Upper
105 100
120 38.1 22.3 66.8

Instrument :
MSVOA_U
ClientSampleId :
124-GW-1

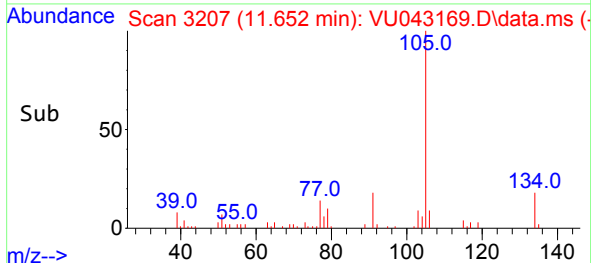
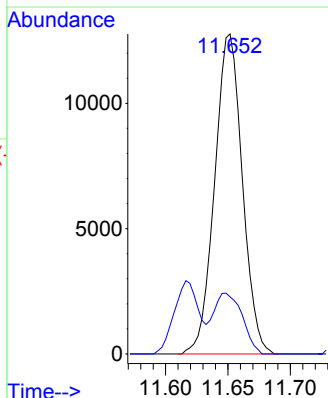
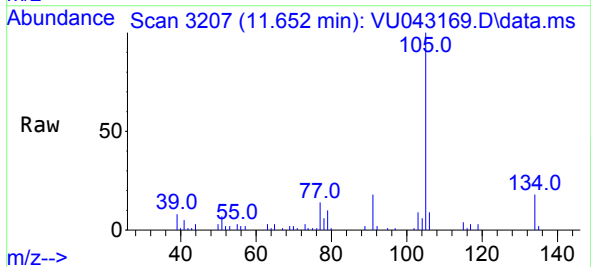
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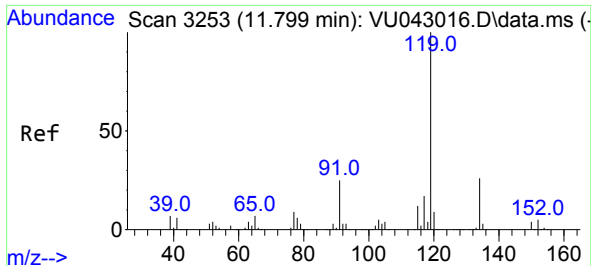
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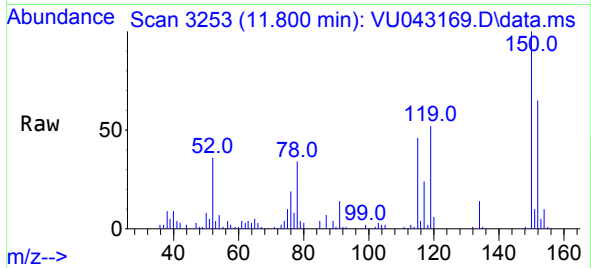
#85
sec-Butylbenzene
Concen: 3.02 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28

Tgt Ion:105 Resp: 19754
Ion Ratio Lower Upper
105 100
134 19.7 10.0 30.0

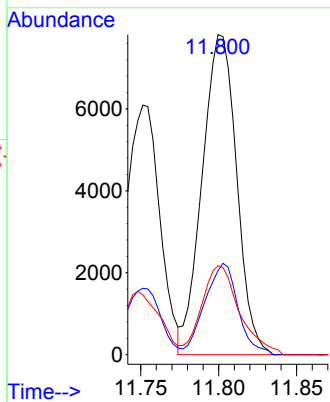
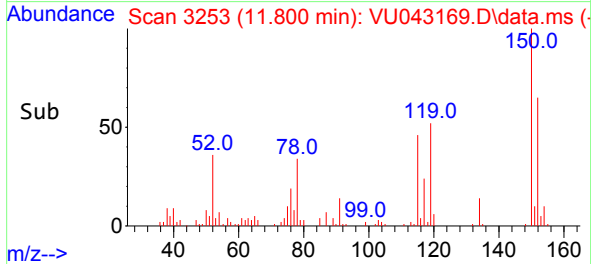




#86
p-Isopropyltoluene
Concen: 1.99 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.001 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



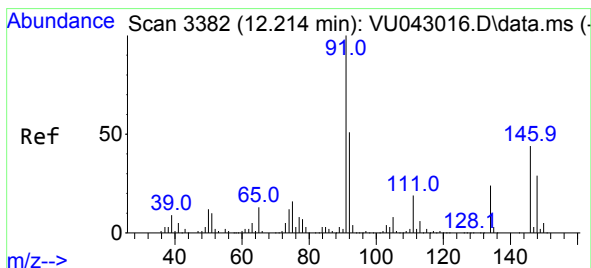
Tgt Ion: 119 Resp: 12001
Ion Ratio Lower Upper
119 100
134 27.4 13.2 39.6
91 30.6 12.8 38.3



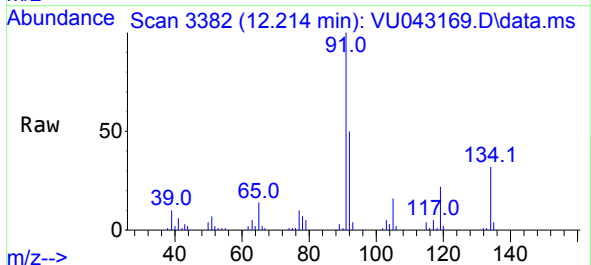
Instrument :
MSVOA_U
ClientSampled :
124-GW-1

Manual Integrations
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4/19/2021 9:40:49 AM



#89
n-Butylbenzene
Concen: 4.42 ug/l m
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043169.D
Acq: 16 Apr 2021 15:28



Tgt Ion: 91 Resp: 24901
Ion Ratio Lower Upper
91 100
92 55.8 26.2 78.6
134 0.0 12.7 38.1#

