

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
 Data File : VV021602.D
 Acq On : 02 Jul 2021 16:54
 Operator : SY/MD
 Sample : M2914-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBK44

Manual Integrations
 APPROVED

MMDadoda
 7/6/2021 9:36:30 AM

Quant Time: Jul 03 00:09:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 03 00:01:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	415023	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	385881	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	195658	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	112113	42.696	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.400%		
7) Chloroethane-d5	1.558	69	100739	46.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.880%		
11) 1,1-Dichloroethene-d2	2.105	63	167534	34.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.740%		
21) 2-Butanone-d5	3.873	46	261933	116.799	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.800%		
24) Chloroform-d	4.349	84	274164	49.917	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.840%		
26) 1,2-Dichloroethane-d4	5.030	65	169481	52.368	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.740%		
32) Benzene-d6	5.050	84	554387	51.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.340%		
36) 1,2-Dichloropropane-d6	6.072	67	180199	52.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.460%		
41) Toluene-d8	7.317	98	506257	50.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.040%		
43) trans-1,3-Dichloroprop...	7.622	79	82428	48.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.980%		
47) 2-Hexanone-d5	8.088	63	188512	118.925	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	118.930%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	265290	57.620	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.240%		
66) 1,2-Dichlorobenzene-d4	11.625	152	208800	53.528	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.060%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2973	0.860	ug/L	89
13) Acetone	2.159	43	60809	32.799	ug/L #	100
22) 2-Butanone	3.995	43	7667m	2.994	ug/L	
25) Chloroform	4.378	83	100734	18.759	ug/L	99
38) Bromodichloromethane	6.516	83	3398	0.824	ug/L	98
42) Toluene	7.394	91	26200	2.083	ug/L	99
53) m,p-Xylene	9.143	106	8653	1.650	ug/L	93
54) o-Xylene	9.545	106	8740	1.671	ug/L	92
60) Isopropylbenzene	9.937	105	12941	0.970	ug/L	96
62) 1,3,5-Trimethylbenzene	10.541	105	145250	12.771	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	372954	32.402	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	22748	3.627	ug/L	96

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

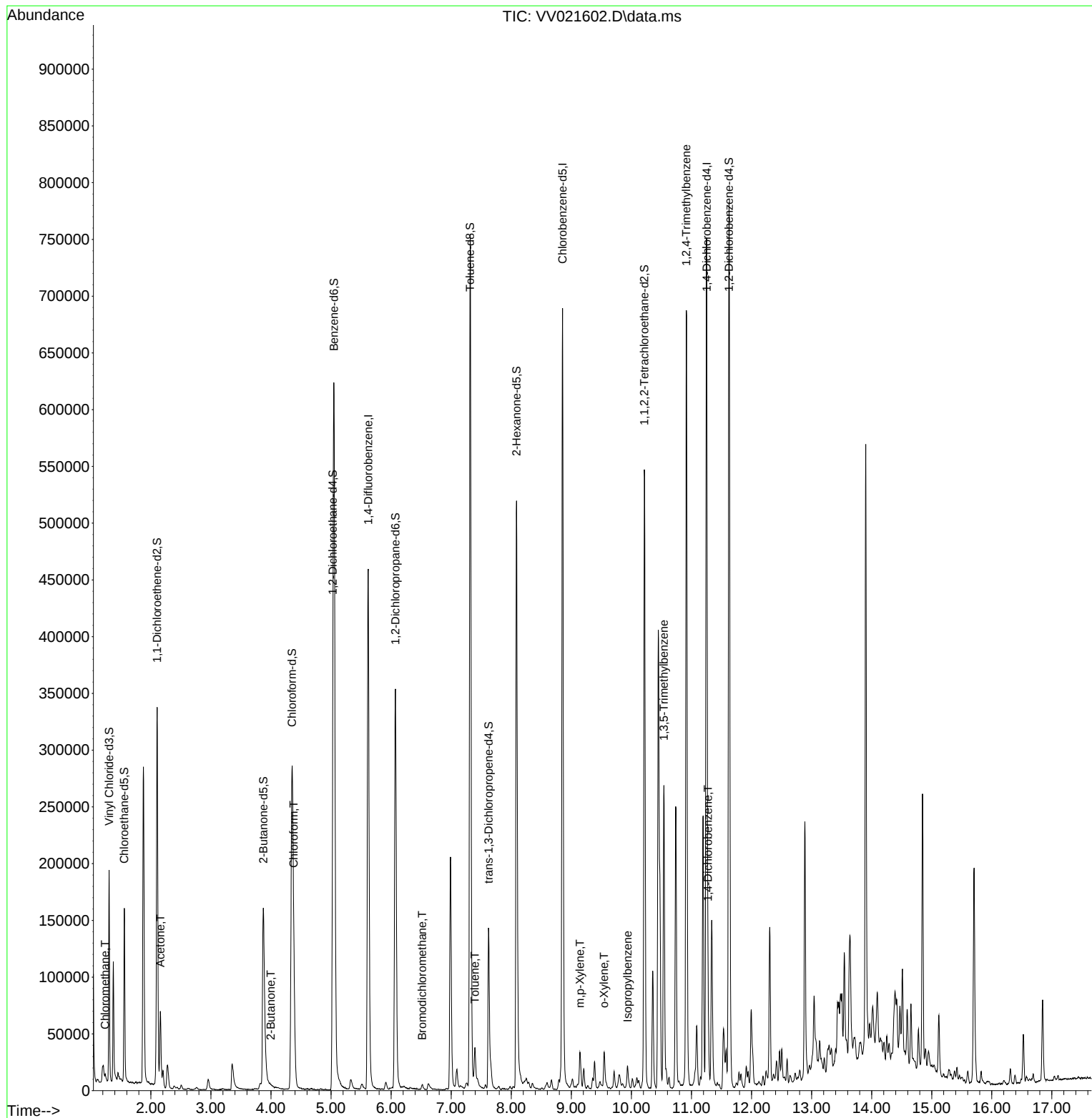
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
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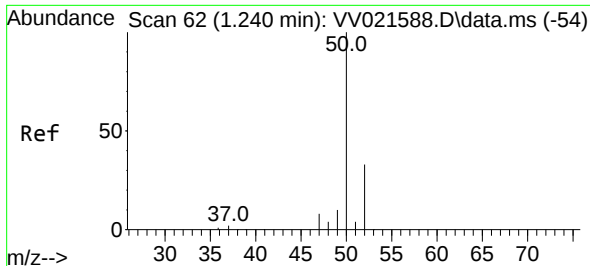
Instrument :
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Quant Title : VOC Analysis
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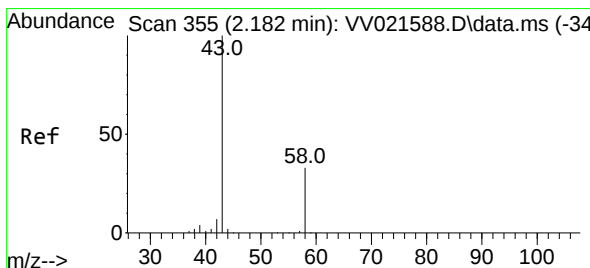
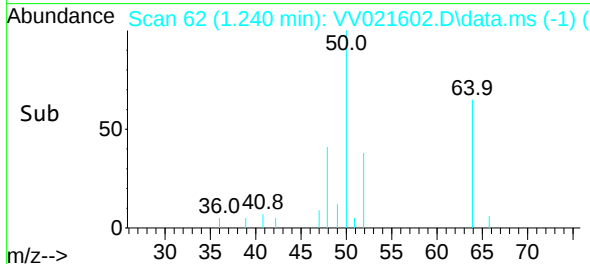
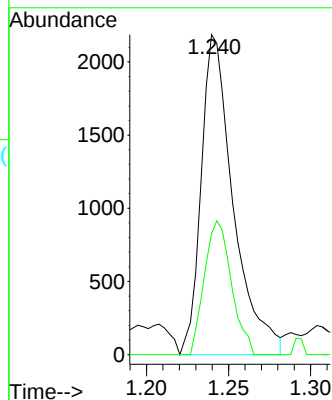
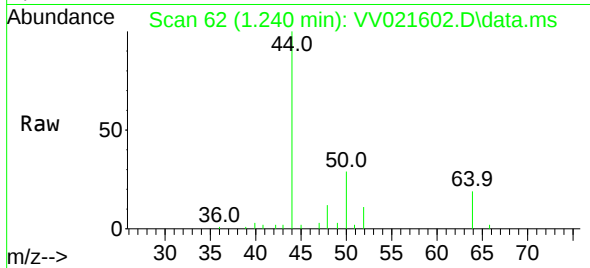
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Chloromethane
Concen: 0.860 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 50 Resp: 2973
Ion Ratio Lower Upper
50 100
52 37.9 22.3 41.5

Instrument :
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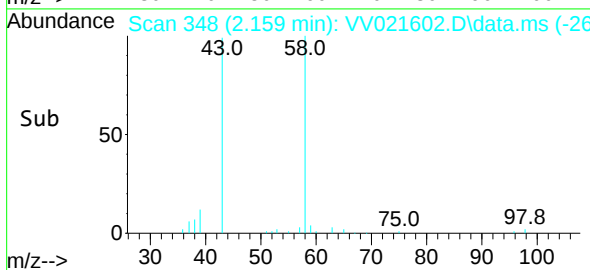
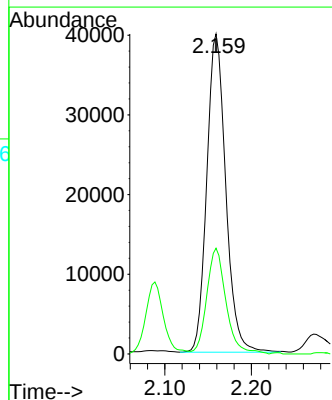
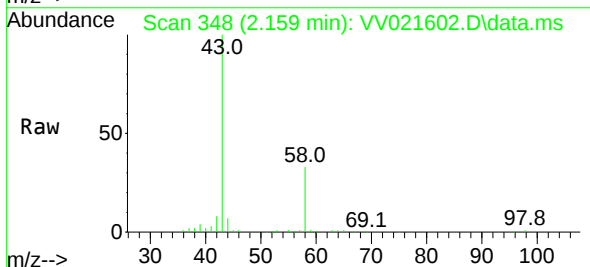
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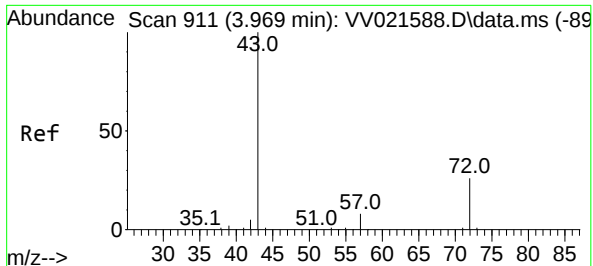
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#13
Acetone
Concen: 32.799 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.022 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 43 Resp: 60809
Ion Ratio Lower Upper
43 100
58 33.7 0.0 0.0#





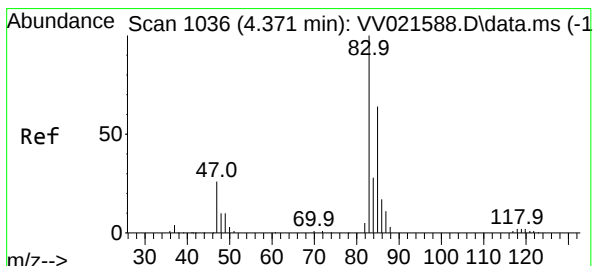
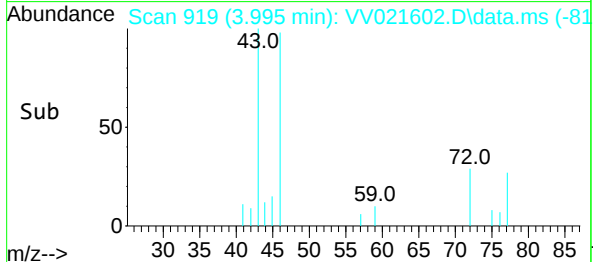
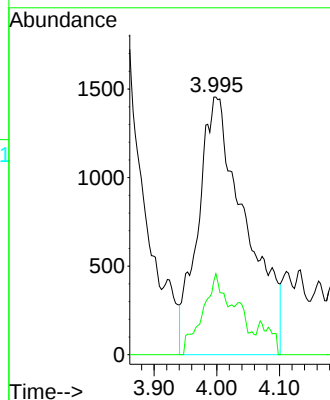
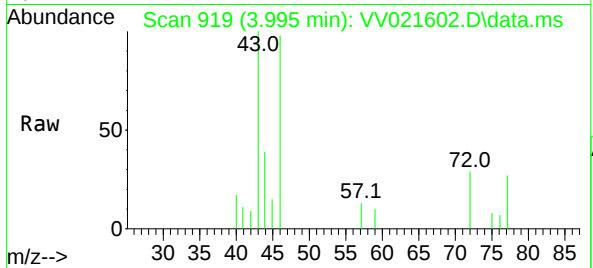
#22
2-Butanone
Concen: 2.994 ug/L m
RT: 3.995 min Scan# 919
Delta R.T. 0.026 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 43 Resp: 7667
Ion Ratio Lower Upper
43 100
72 0.4 13.3 39.8#

Instrument :
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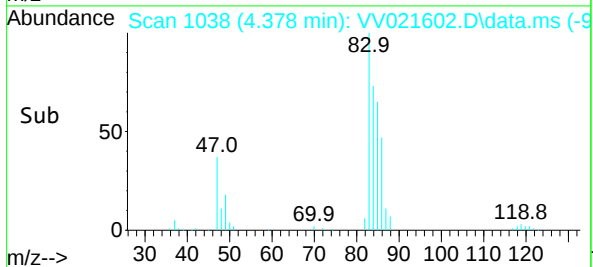
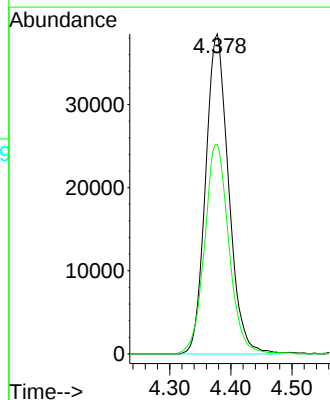
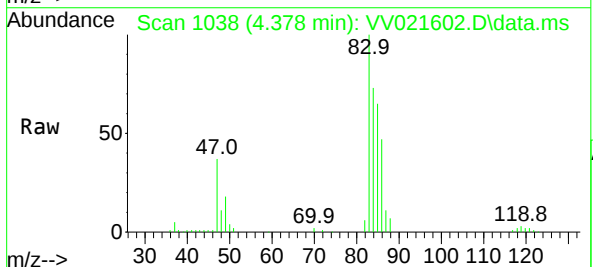
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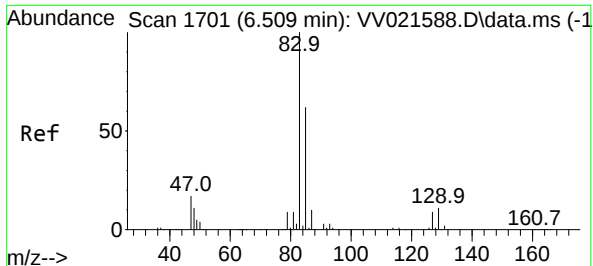
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#25
Chloroform
Concen: 18.759 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

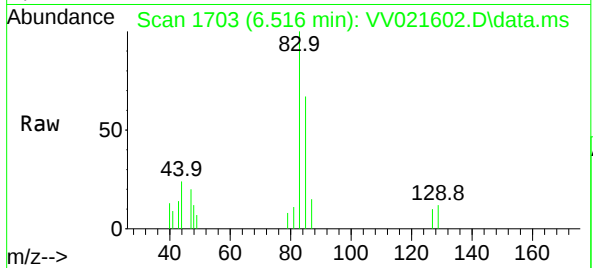
Tgt Ion: 83 Resp: 100734
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7





#38
Bromodichloromethane
Concen: 0.824 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

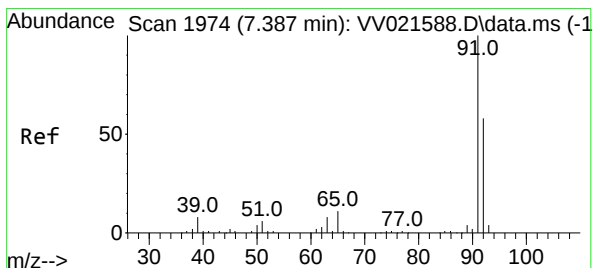
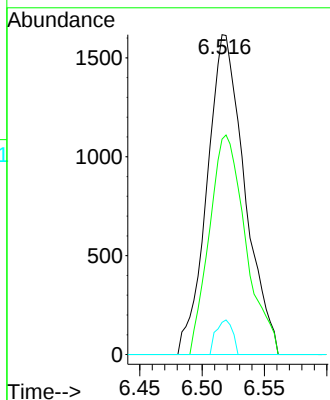
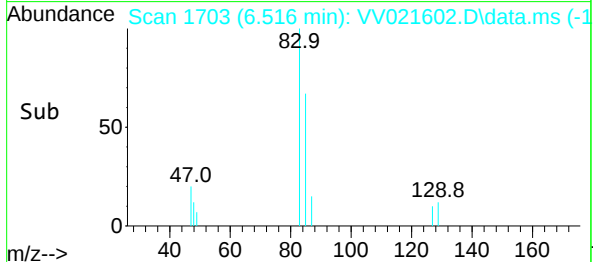
Instrument :
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ClientSampled :
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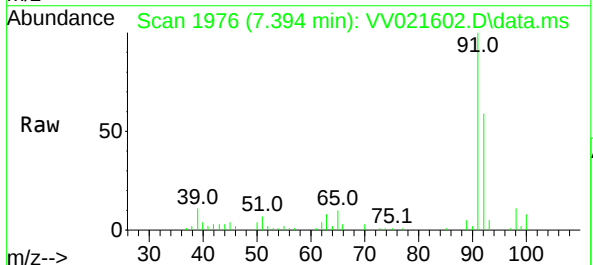
Tgt Ion: 83 Resp: 3398
Ion Ratio Lower Upper
83 100
85 67.3 46.3 86.1
127 10.1 7.3 10.9

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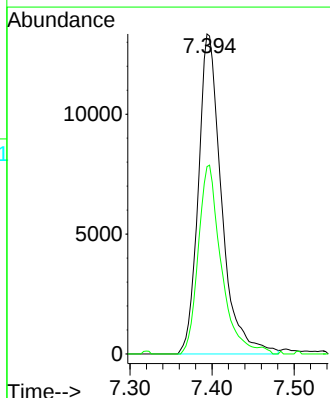
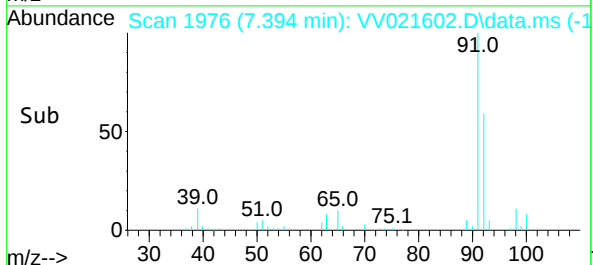
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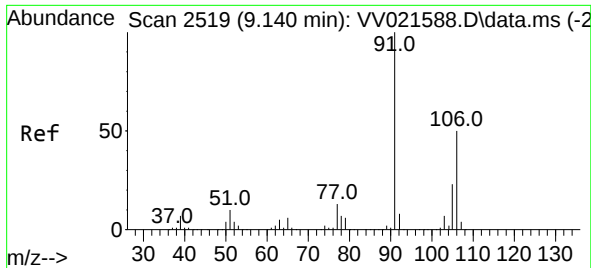


#42
Toluene
Concen: 2.083 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54



Tgt Ion: 91 Resp: 26200
Ion Ratio Lower Upper
91 100
92 58.6 40.6 75.4





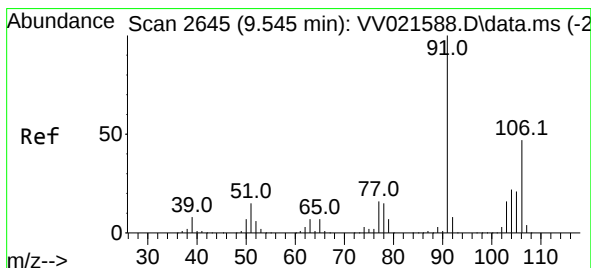
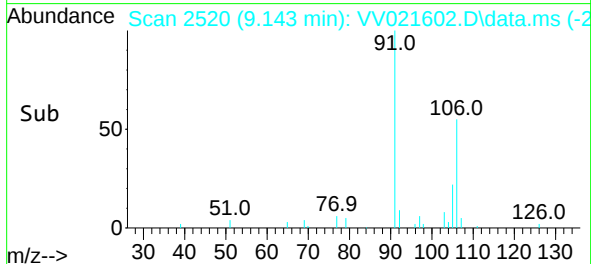
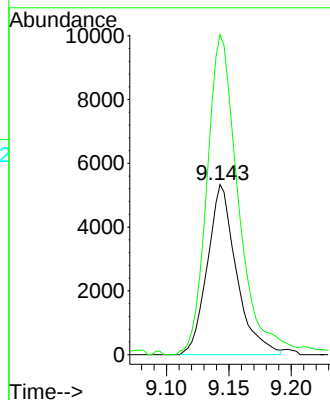
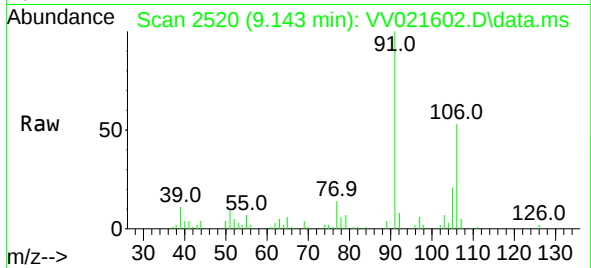
#53
m,p-Xylene
Concen: 1.650 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:106 Resp: 8653
Ion Ratio Lower Upper
106 100
91 188.1 138.7 257.5

Instrument :
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ClientSampled :
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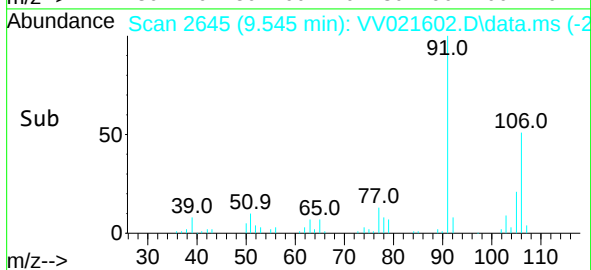
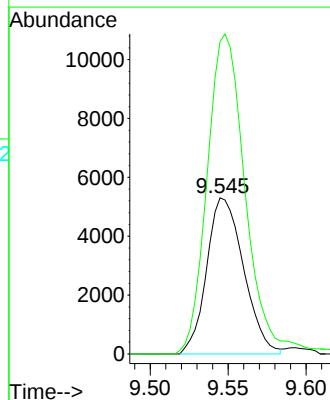
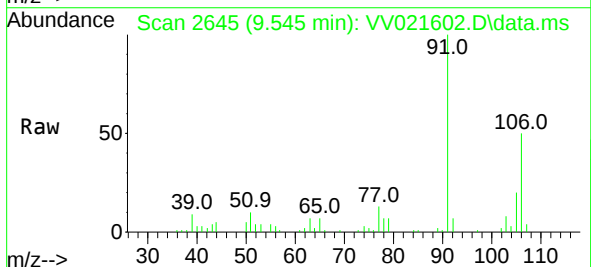
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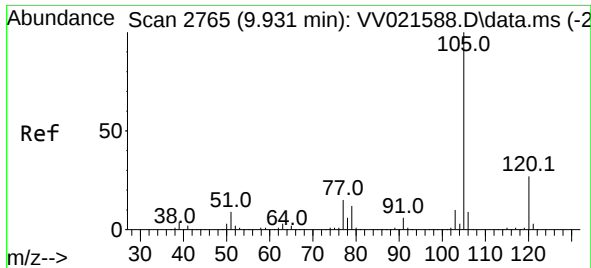
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#54
o-Xylene
Concen: 1.671 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:106 Resp: 8740
Ion Ratio Lower Upper
106 100
91 200.0 149.0 276.8





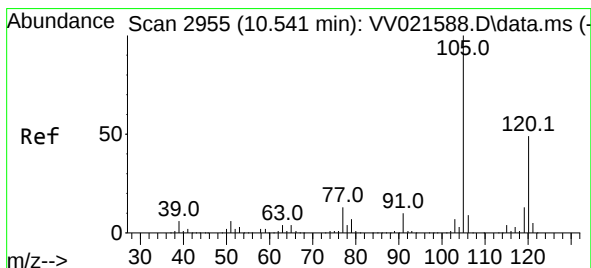
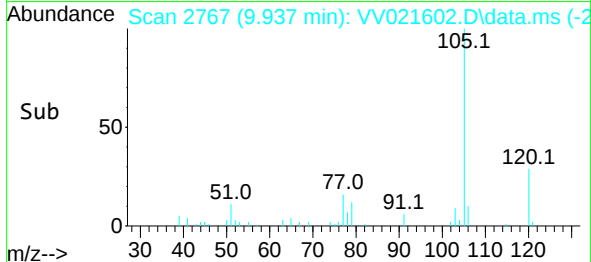
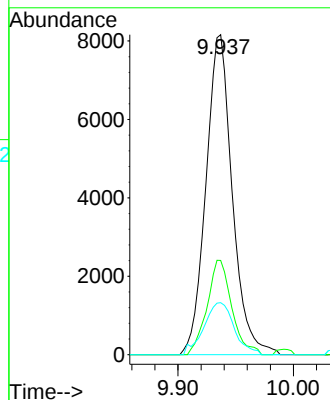
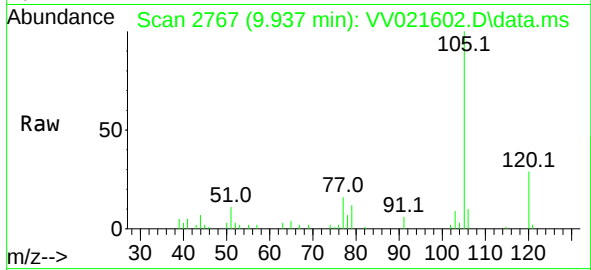
#60
Isopropylbenzene
Concen: 0.970 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.006 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:	105	Resp:	12941
Ion Ratio	Lower	Upper	
105	100		
120	27.7	21.5	32.3
77	18.0	12.0	18.0

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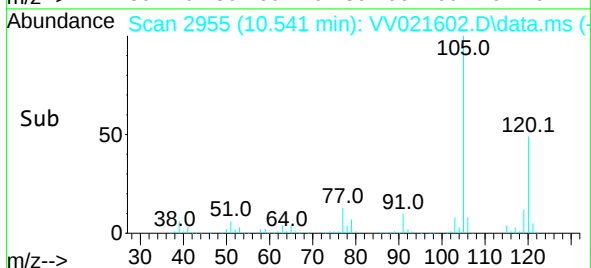
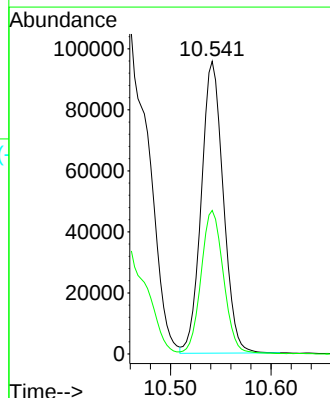
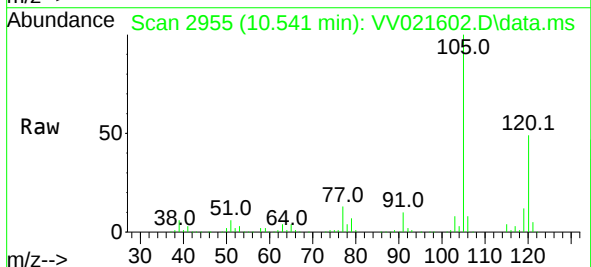
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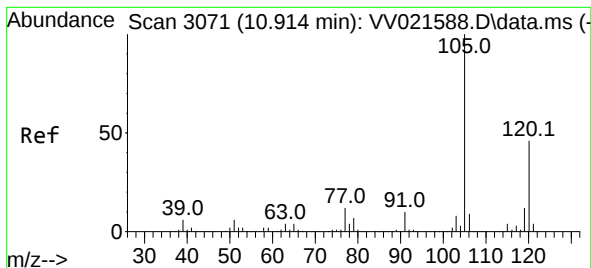
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#62
1,3,5-Trimethylbenzene
Concen: 12.771 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:	105	Resp:	145250
Ion Ratio	Lower	Upper	
105	100		
120	50.5	40.0	60.0





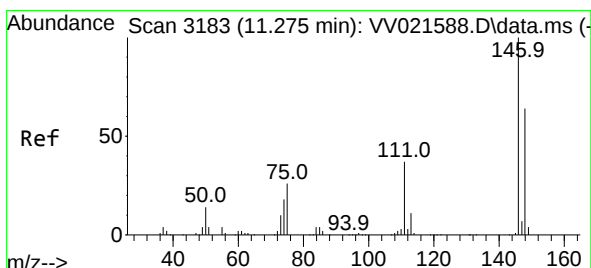
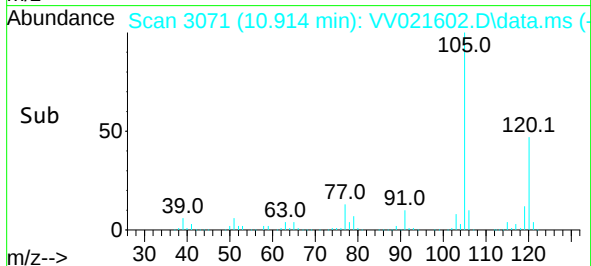
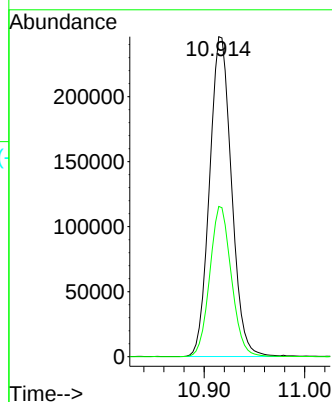
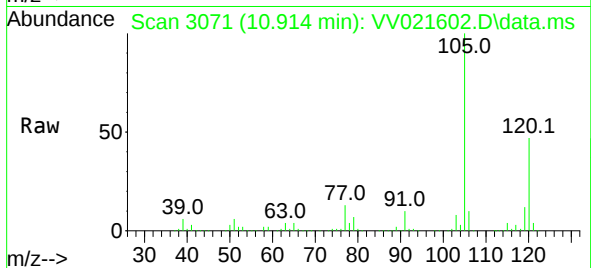
#63
1,2,4-Trimethylbenzene
Concen: 32.402 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:105 Resp: 372954
Ion Ratio Lower Upper
105 100
120 46.3 37.1 55.7

Instrument :
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#65
1,4-Dichlorobenzene
Concen: 3.627 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:146 Resp: 22748
Ion Ratio Lower Upper
146 100
111 36.4 26.6 49.4
148 61.5 45.2 84.0

