Quantitation Report (Not Reviewed)

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

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
25) Chloroform	4.378	83	100734	18.759	ug/L	99
35) Methylcyclohexane	6.072	83	42837	8.500	ug/L #	20
38) Bromodichloromethane	6.516	83	3398	0.824	ug/L	98
42) Toluene	7.394	91	26200	2.083	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	3642	0.775	ug/L	94
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

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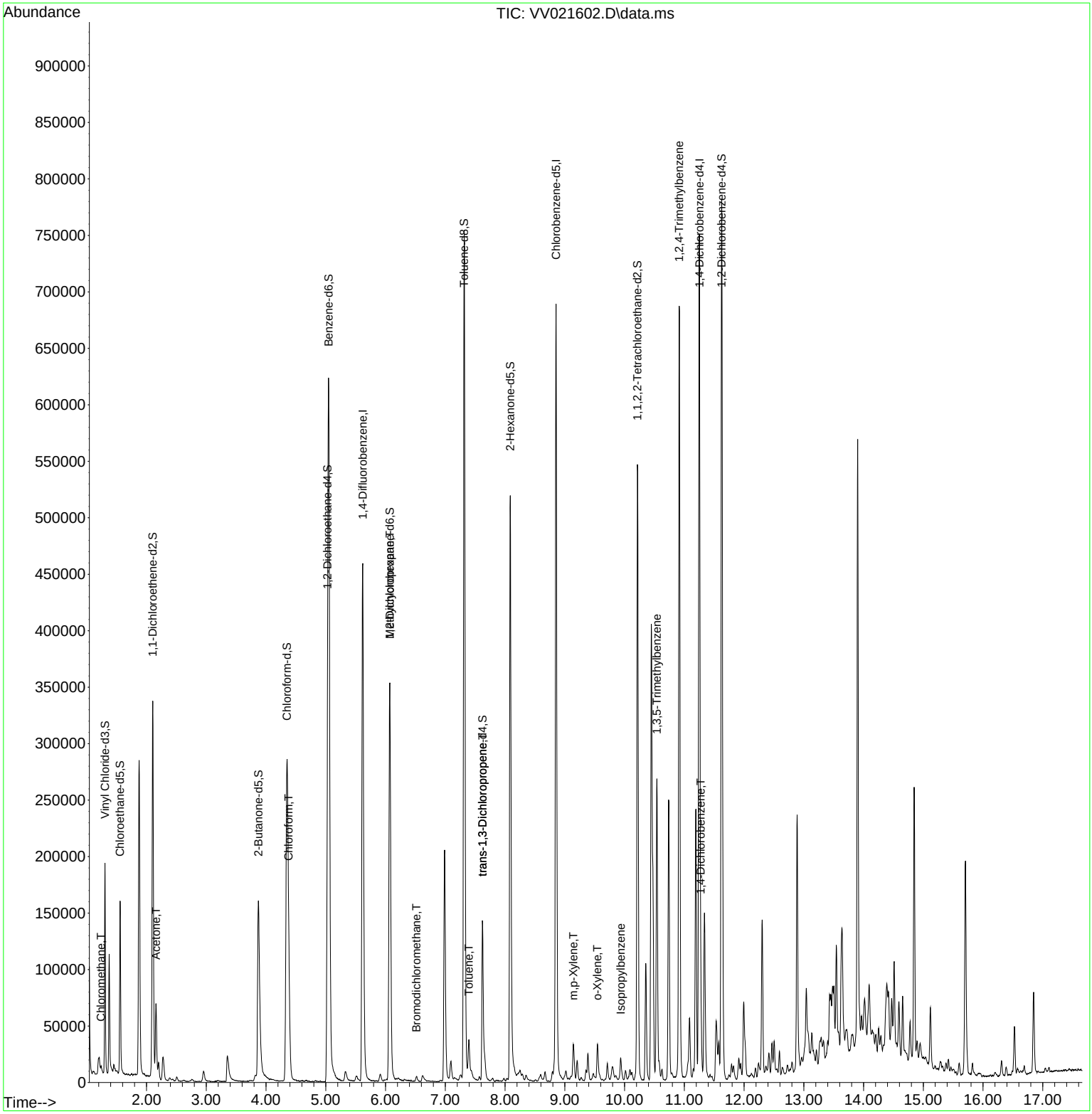
Quant Time: Jul 03 00:09:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 03 00:01:46 2021
Response via : Initial Calibration



Instrument :
MSVOA_V
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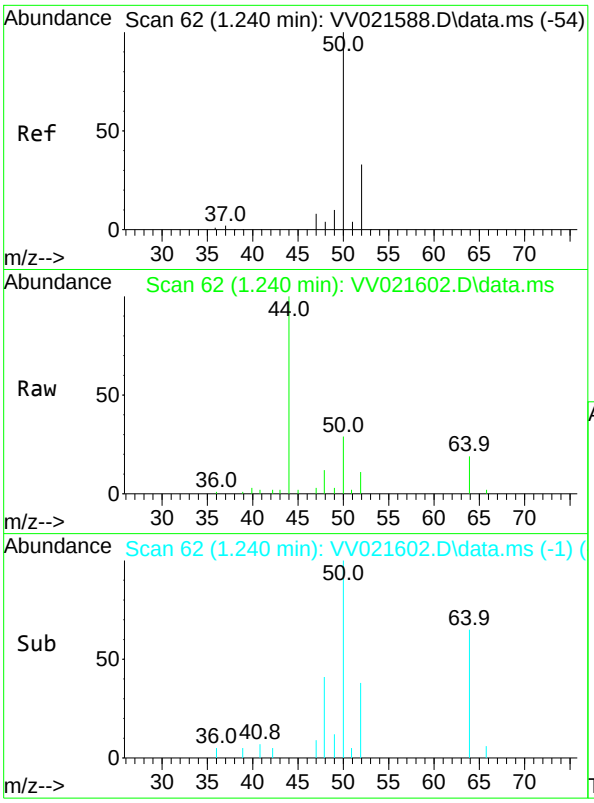
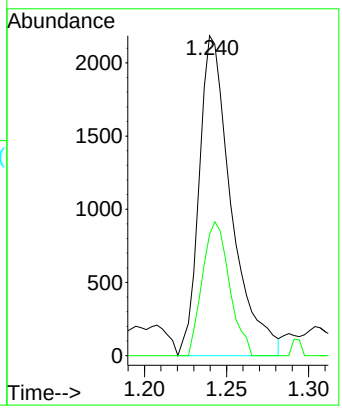
DBK44

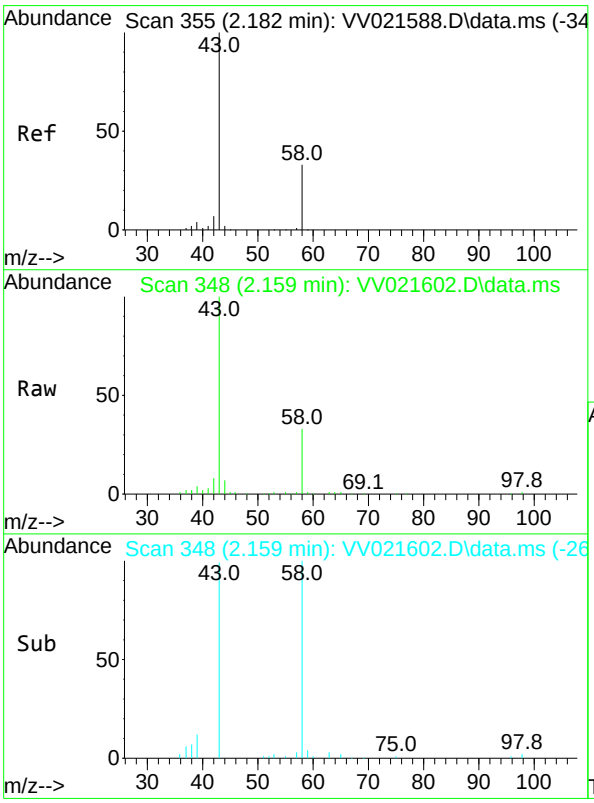


#3
Chloromethane
Concen: 0.860 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 50 Resp: 2973

Ion	Ratio	Lower	Upper
50	100		
52	37.9	22.3	41.5

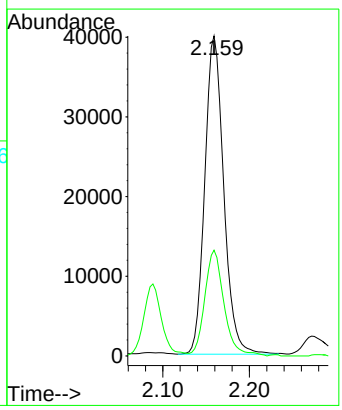




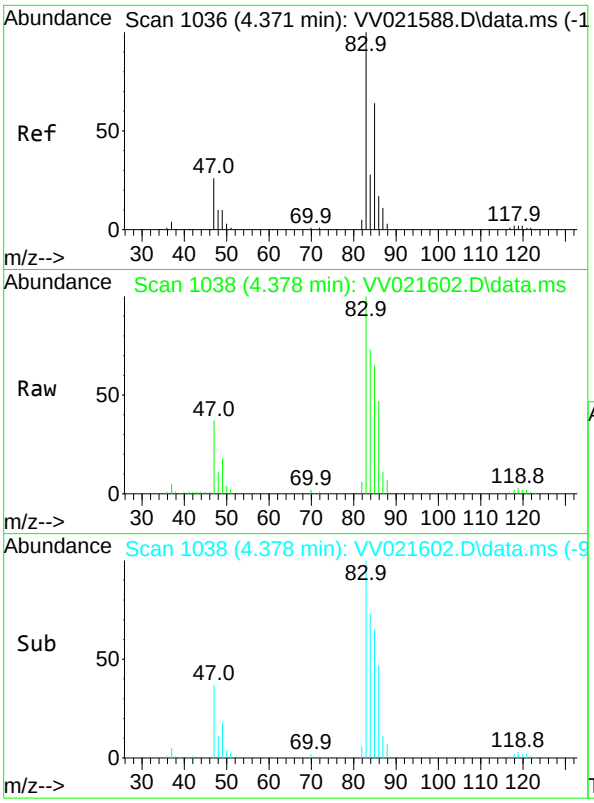
#13
Acetone
Concen: 32.799 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.022 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 43 Resp: 60809

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	0.0#



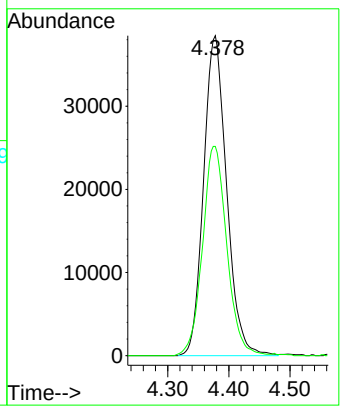
Instrument :
MSVOA_V
ClientSampleId :
DBK44

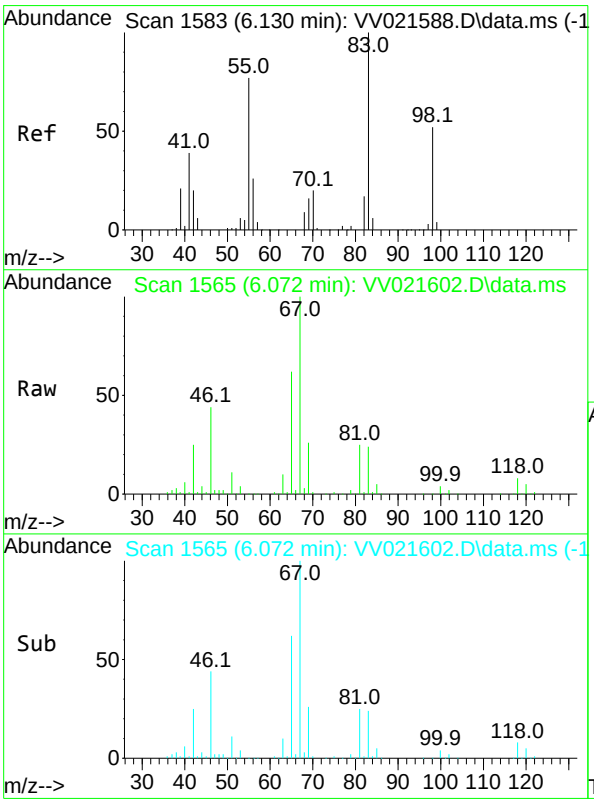


#25
Chloroform
Concen: 18.759 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 83 Resp: 100734

Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.1	83.7

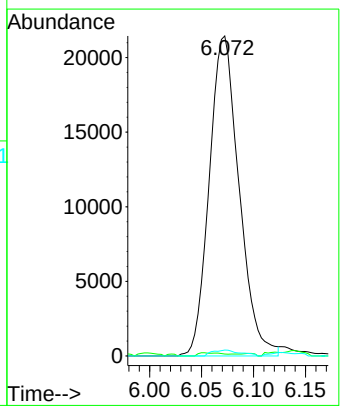




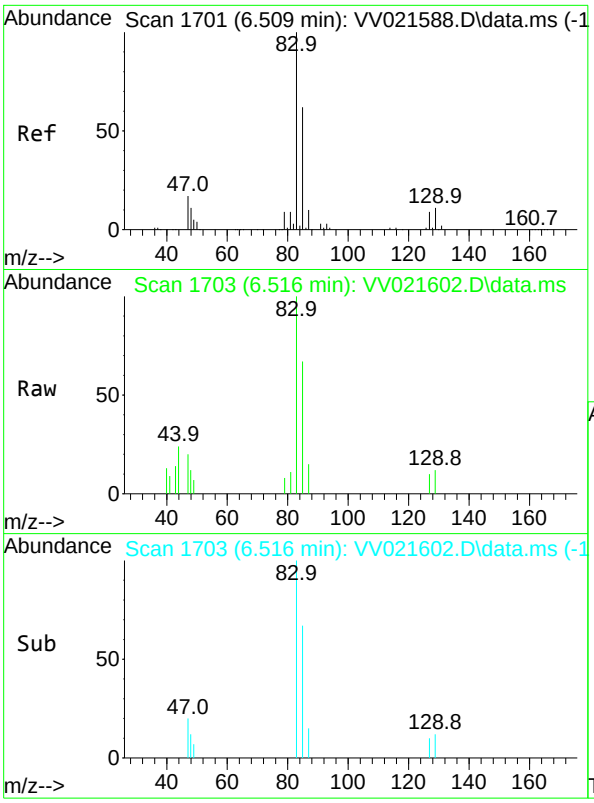
#35
Methylcyclohexane
Concen: 8.500 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 83 Resp: 42837

Ion	Ratio	Lower	Upper
83	100		
55	0.4	58.7	88.1#
98	1.7	39.7	59.5#



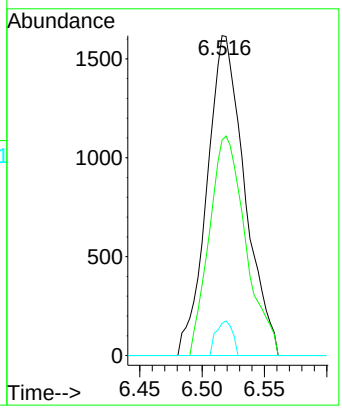
Instrument :
MSVOA_V
ClientSampleId :
DBK44

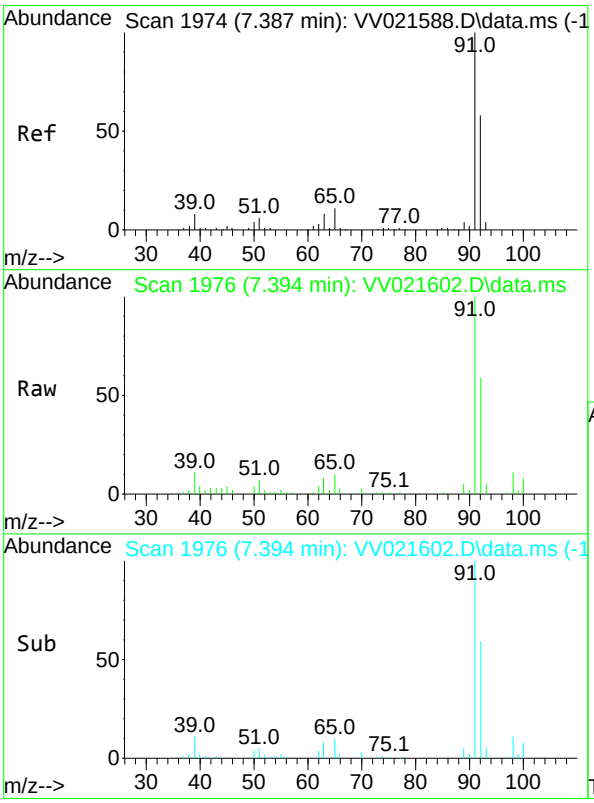


#38
Bromodichloromethane
Concen: 0.824 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

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

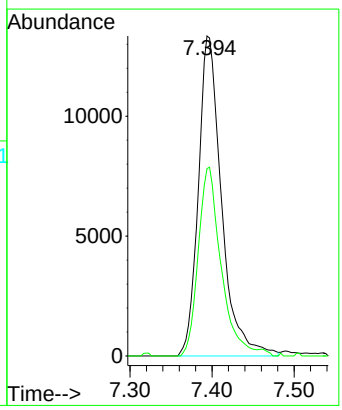




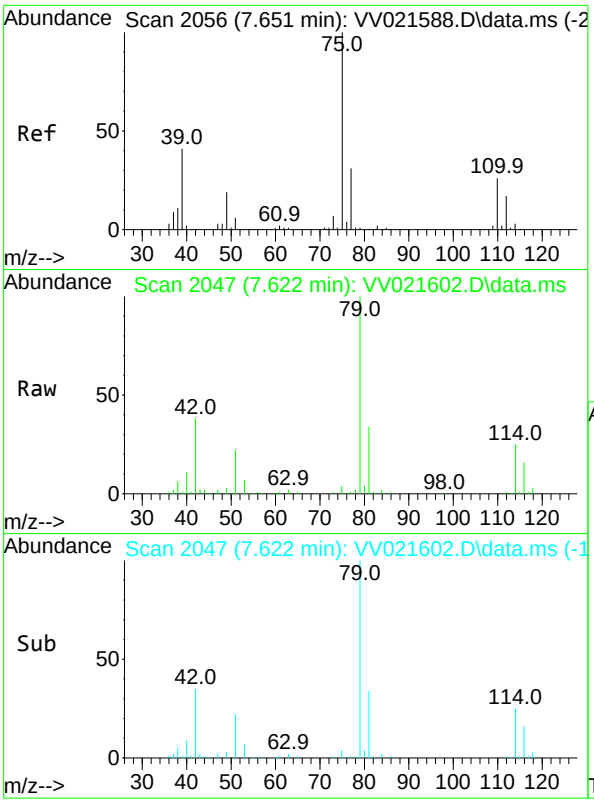
#42
Toluene
Concen: 2.083 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 91 Resp: 26200

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.6	75.4



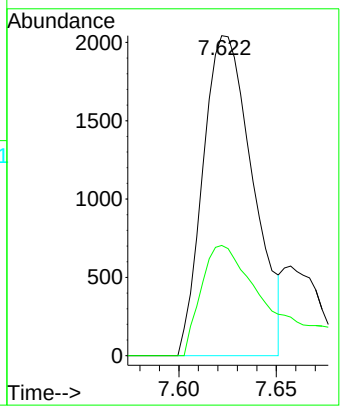
Instrument :
MSVOA_V
ClientSampleId :
DBK44

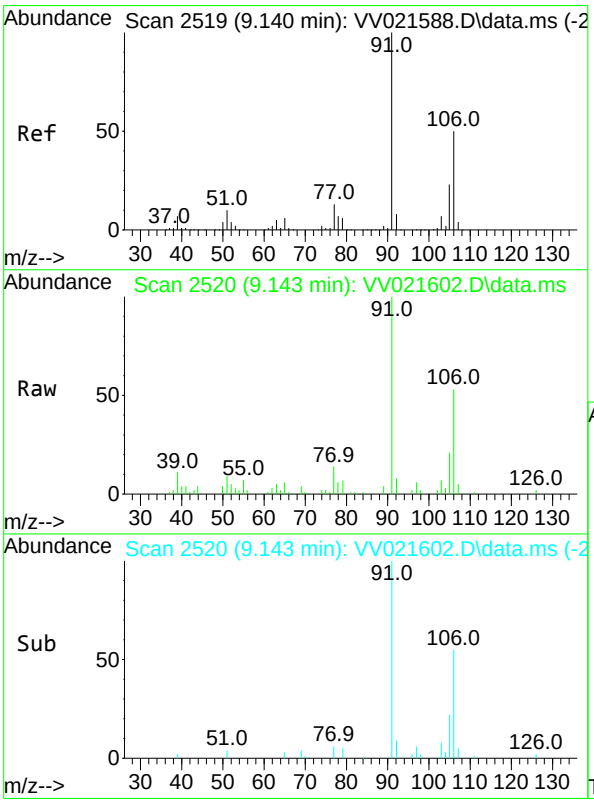


#44
trans-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion: 75 Resp: 3642

Ion	Ratio	Lower	Upper
75	100		
77	34.5	21.8	40.4

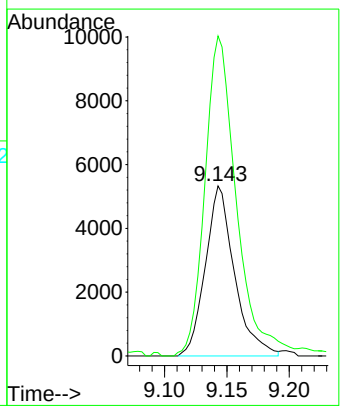




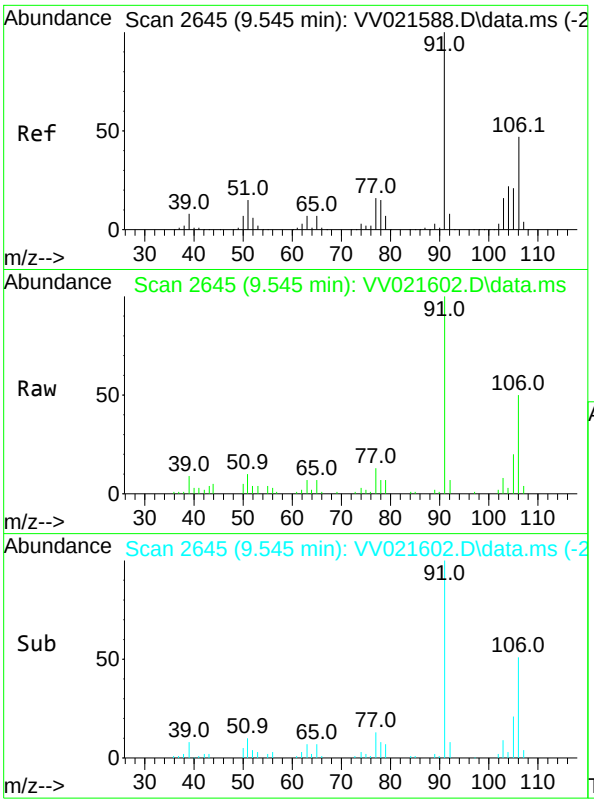
#53
m,p-Xylene
Concen: 1.650 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:106 Resp: 8653

Ion	Ratio	Lower	Upper
106	100		
91	188.1	138.7	257.5



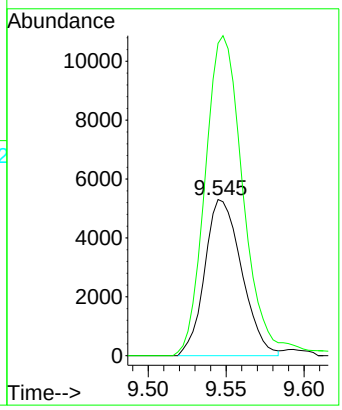
Instrument :
MSVOA_V
ClientSampleId :
DBK44

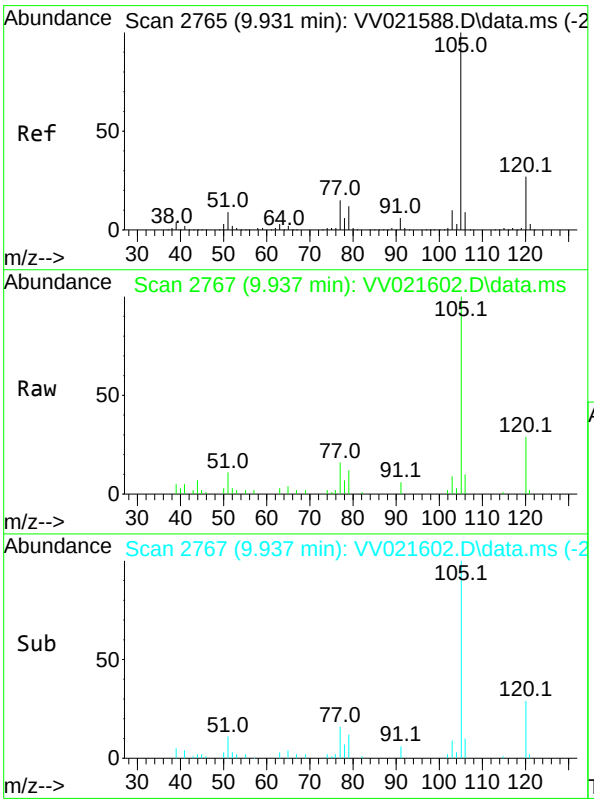


#54
o-Xylene
Concen: 1.671 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:106 Resp: 8740

Ion	Ratio	Lower	Upper
106	100		
91	200.0	149.0	276.8

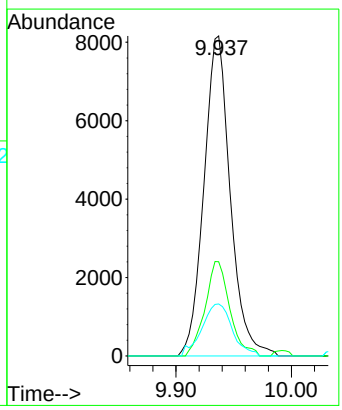




#60
Isopropylbenzene
Concen: 0.970 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.006 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

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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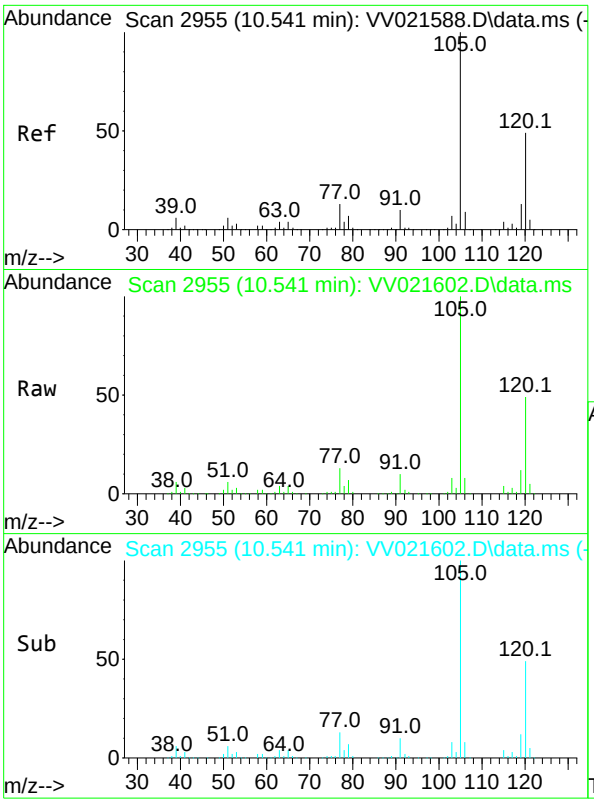
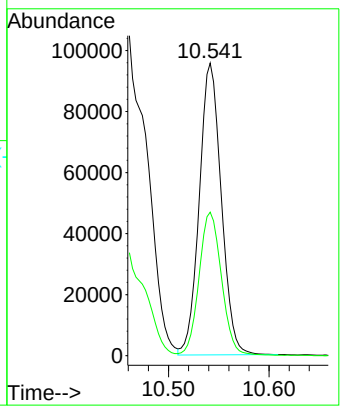
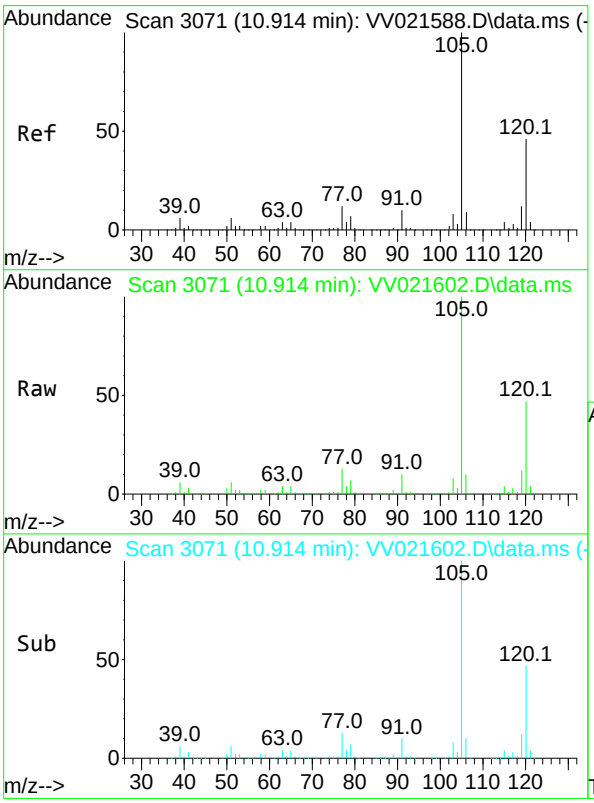


#62
1,3,5-Trimethylbenzene
Concen: 12.771 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:105 Resp: 145250

Ion	Ratio	Lower	Upper
105	100		
120	50.5	40.0	60.0

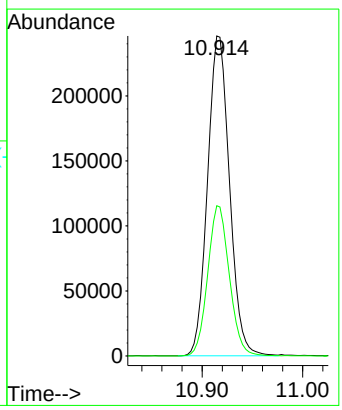


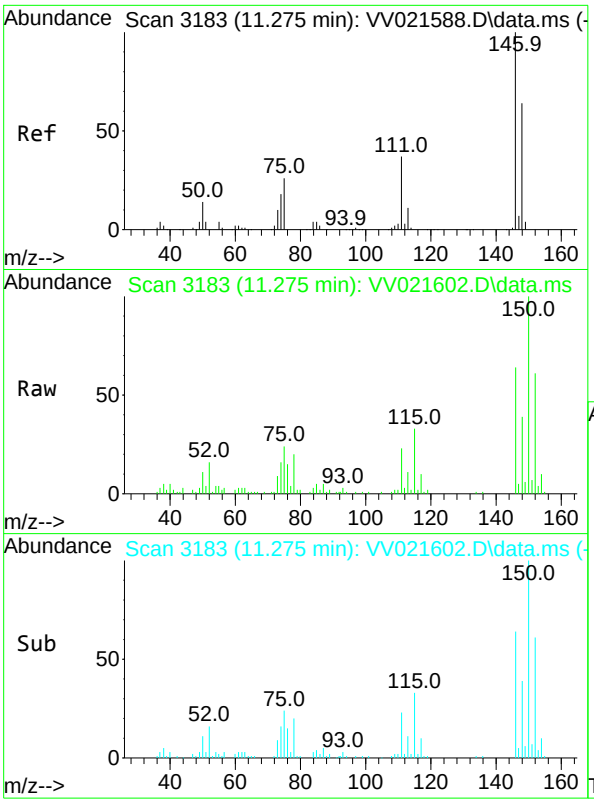


#63
1,2,4-Trimethylbenzene
Concen: 32.402 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

Tgt Ion:105 Resp: 372954

Ion	Ratio	Lower	Upper
105	100		
120	46.3	37.1	55.7

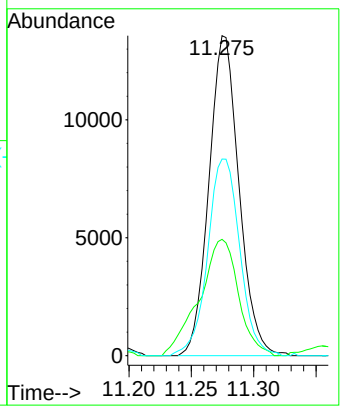




#65
1,4-Dichlorobenzene
Concen: 3.627 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021602.D
Acq: 02 Jul 2021 16:54

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



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