Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011921\
Data File : VW017956.D
Acq On : 19 Jan 2021 14:36
Operator : SY/VA
Sample : M1170-04
Misc : 4.30G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Jan 20 04:57:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 04:48:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	456301	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	410418	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	178694	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	162220	22.65	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.60%				
7) Chloroethane-d5	2.885	69	135120	22.85	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.40%				
10) 1,1-Dichloroethene-d2	4.019	63	218371	16.88	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.52%				
20) 2-Butanone-d5	7.080	46	50142	28.95	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.90%				
24) Chloroform-d	7.653	84	280379	22.52	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.08%				
26) 1,2-Dichloroethane-d4	8.305	65	151995	21.58	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.32%				
29) Benzene-d6	8.275	84	569117	24.23	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.92%				
33) 1,2-Dichloropropane-d6	9.274	67	159942	23.93	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.72%				
37) Toluene-d8	10.323	98	534679	24.24	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.96%				
38) trans-1,3-Dichloroprop...	10.579	79	59402	19.46	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.84%				
39) 2-Hexanone-d5	10.927	63	35742	29.83	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.66%				
48) 1,1,2,2-Tetrachloroeth...	12.688	84	102543	17.25	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 69.00%				
61) 1,2-Dichlorobenzene-d4	13.853	152	152622	24.55	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.20%				
Target Compounds							Qvalue
3) Chloromethane	2.209	50	8725	1.75	ug/L		90
13) Acetone	4.129	43	1861	1.53	ug/L		66
14) Carbon disulfide	4.385	76	7428	0.40	ug/L		95
16) Methylene chloride	4.928	84	7200	1.09	ug/L		94
34) Benzene	8.323	78	14224	0.59	ug/L		100
45) trans-1,3-Dichloropropene	10.573	75	3742	0.46	ug/L		87
49) 2-Hexanone	10.969	43	1961	0.73	ug/L	#	80
53) Ethylbenzene	11.731	91	7219	0.24	ug/L	#	81
66) 1,2-Dibromo-3-chloropr...	14.524	75	2937	3.48	ug/L	#	1
69) Naphthalene	15.365	128	25550	1.79	ug/L		99

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

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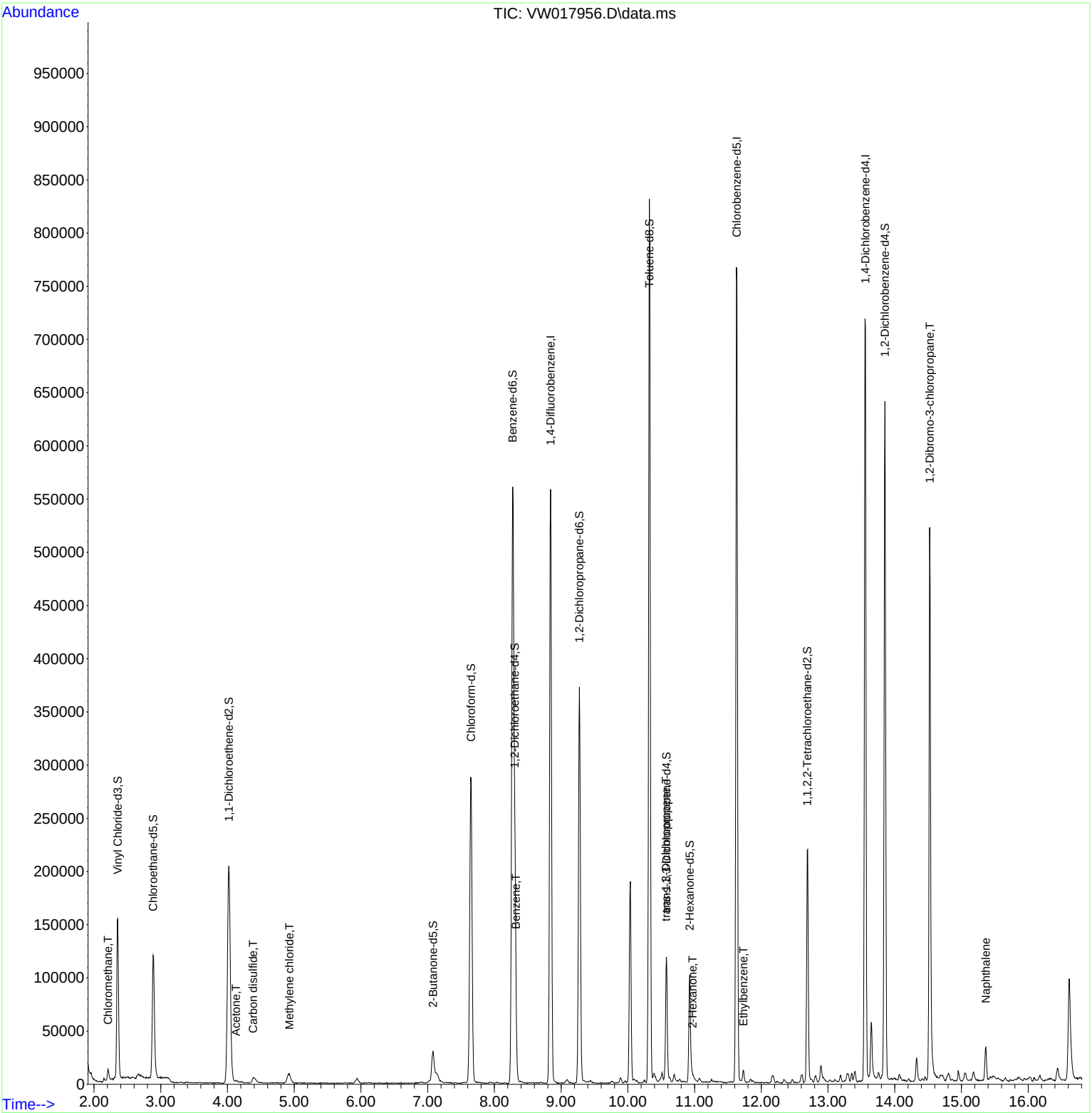
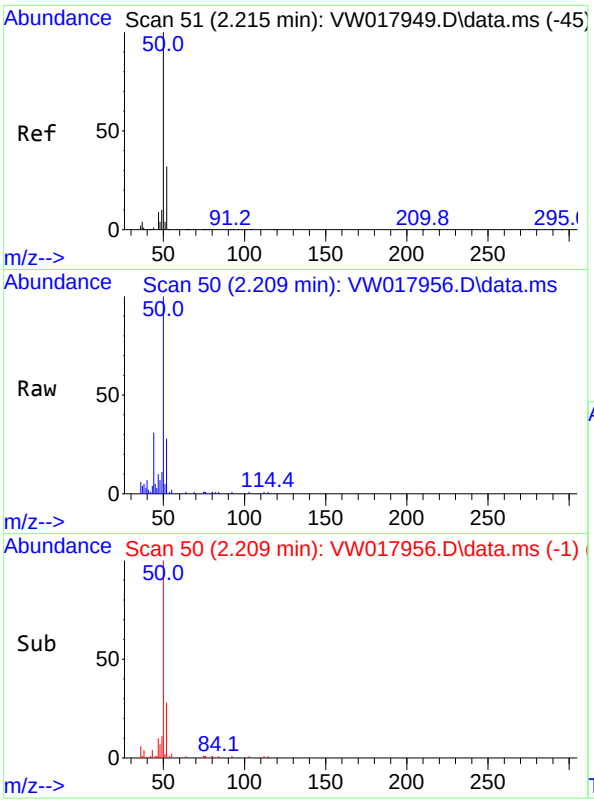
ClientSampleId :

Quant Time: Jan 20 04:57:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 04:48:23 2021
Response via : Initial Calibration

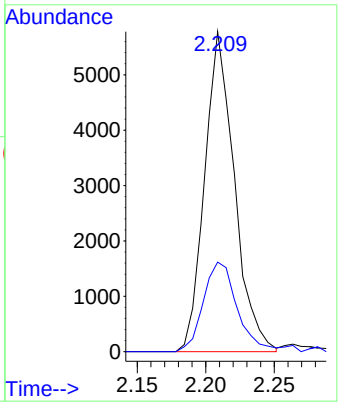




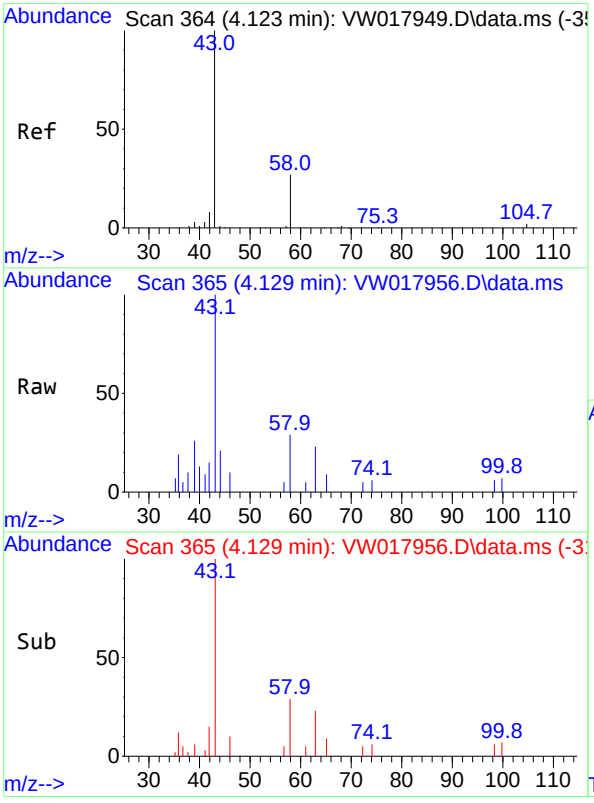
#3
Chloromethane
Concen: 1.75 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 50 Resp: 8725

Ion	Ratio	Lower	Upper
50	100		
52	28.0	23.4	43.6



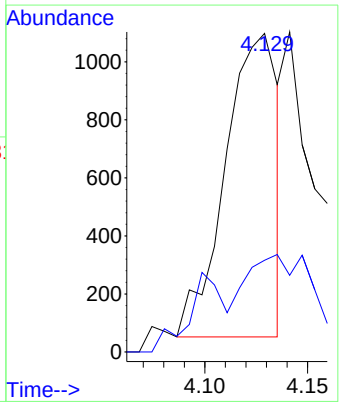
Instrument :
MSVOA_W
ClientSampleId :



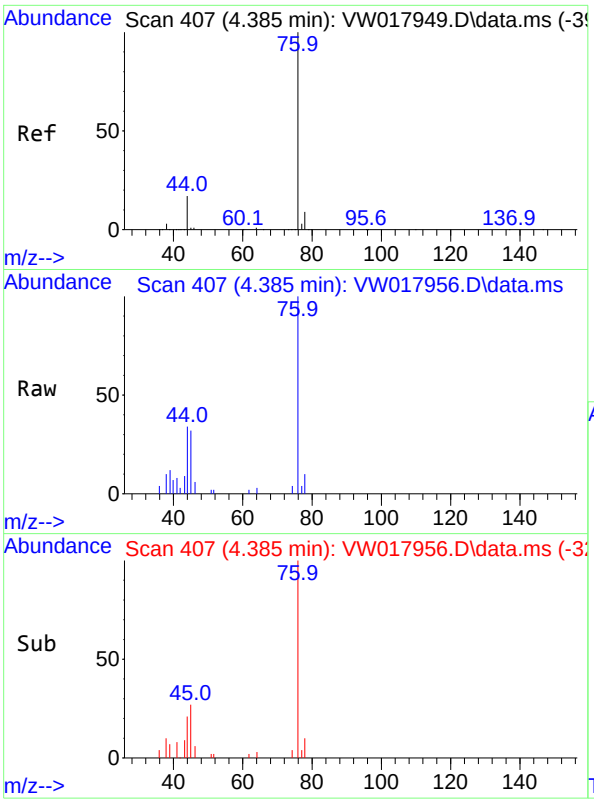
#13
Acetone
Concen: 1.53 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 43 Resp: 1861

Ion	Ratio	Lower	Upper
43	100		
58	14.8	0.0	68.4



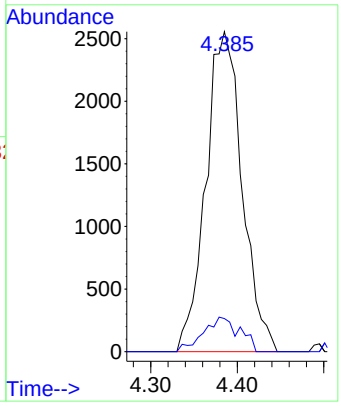
Instrument :
MSVOA_W
ClientSampleId :

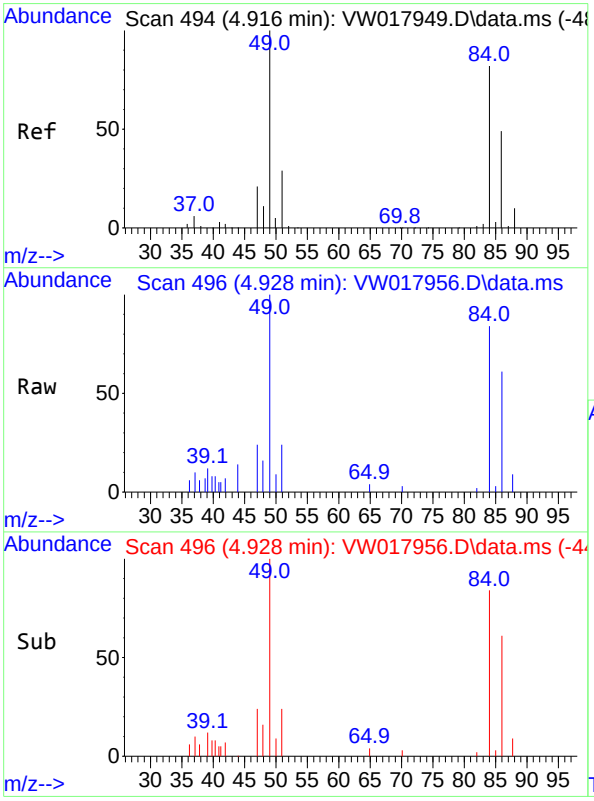


#14
Carbon disulfide
Concen: 0.40 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 76 Resp: 7428

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.0	10.4

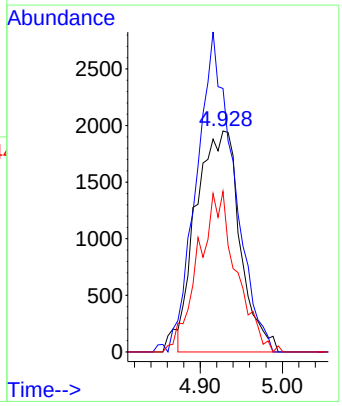


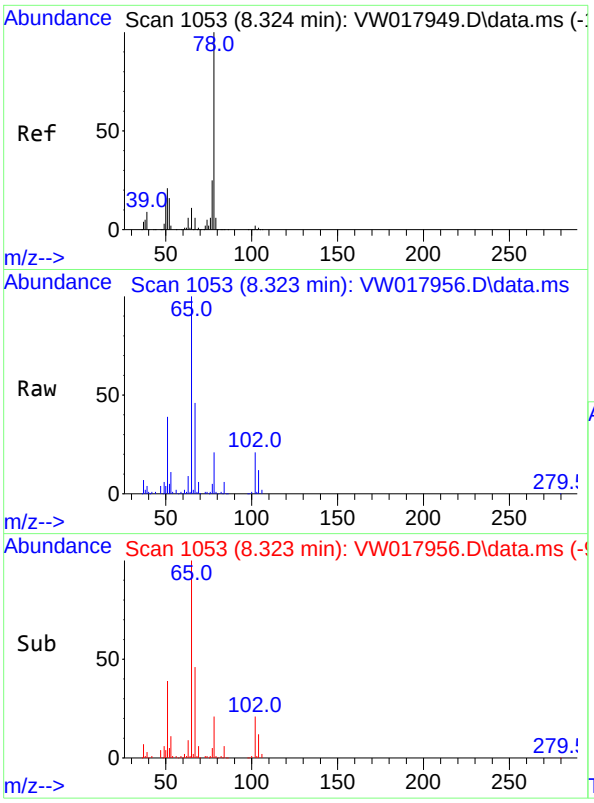


#16
Methylene chloride
Concen: 1.09 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 84 Resp: 7200

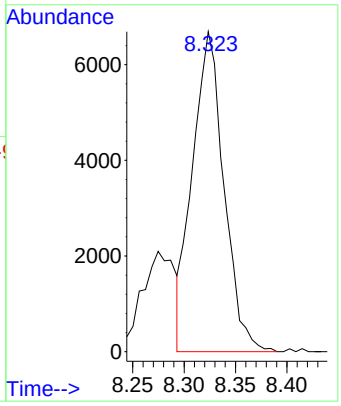
Ion	Ratio	Lower	Upper
84	100		
49	119.3	81.2	150.8
86	72.6	44.5	82.7



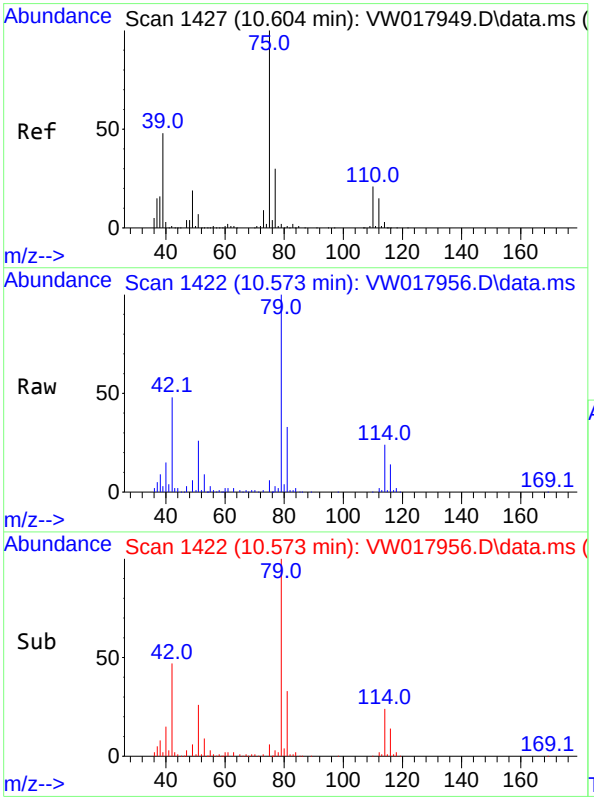


#34
Benzene
Concen: 0.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 78 Resp: 14224



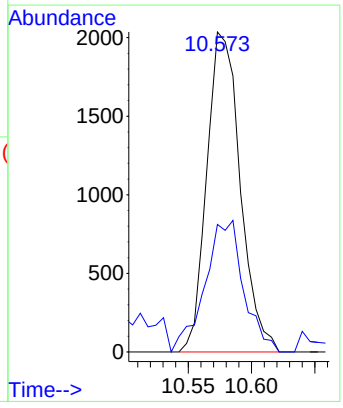
Instrument :
MSVOA_W
ClientSampleId :



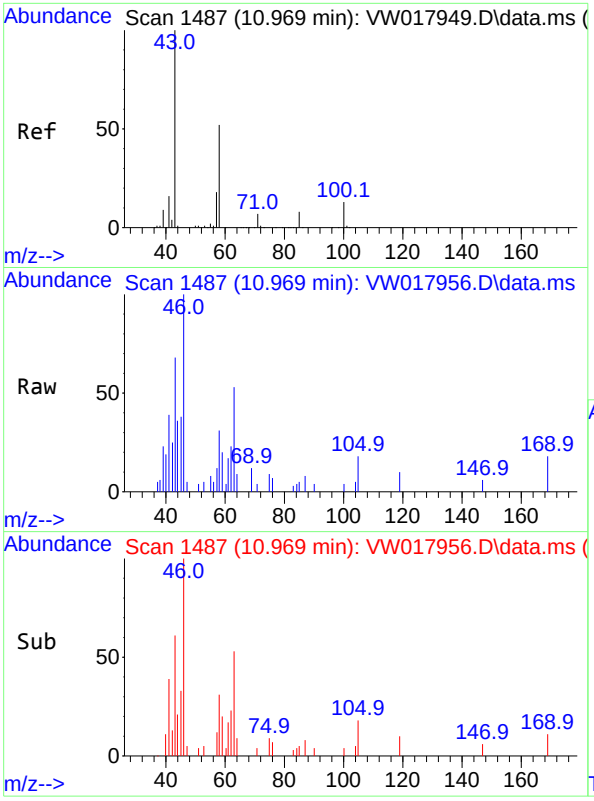
#45
trans-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 75 Resp: 3742

Ion	Ratio	Lower	Upper
75	100		
77	39.8	22.6	42.0



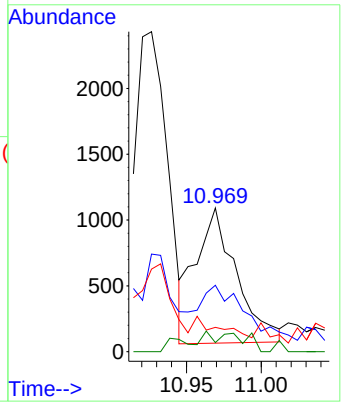
Instrument :
MSVOA_W
ClientSampleId :

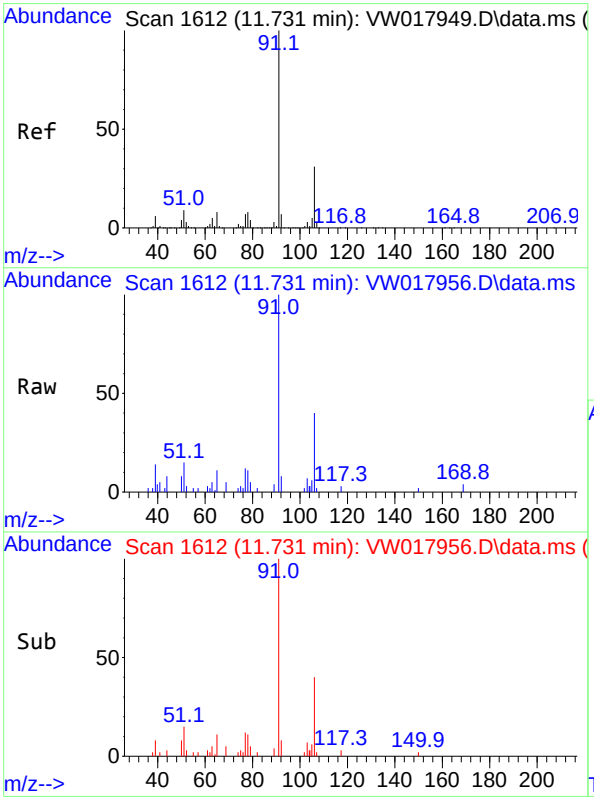


#49
2-Hexanone
Concen: 0.73 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 43 Resp: 1961

Ion	Ratio	Lower	Upper
43	100		
58	52.7	51.3	76.9
57	2.7	15.0	22.6#
100	4.2	12.2	18.2#

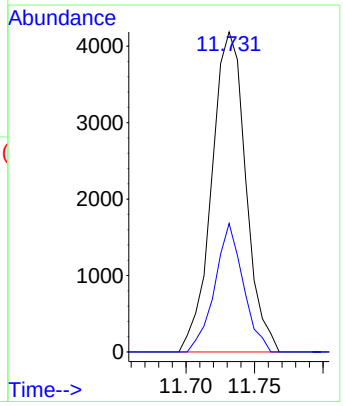




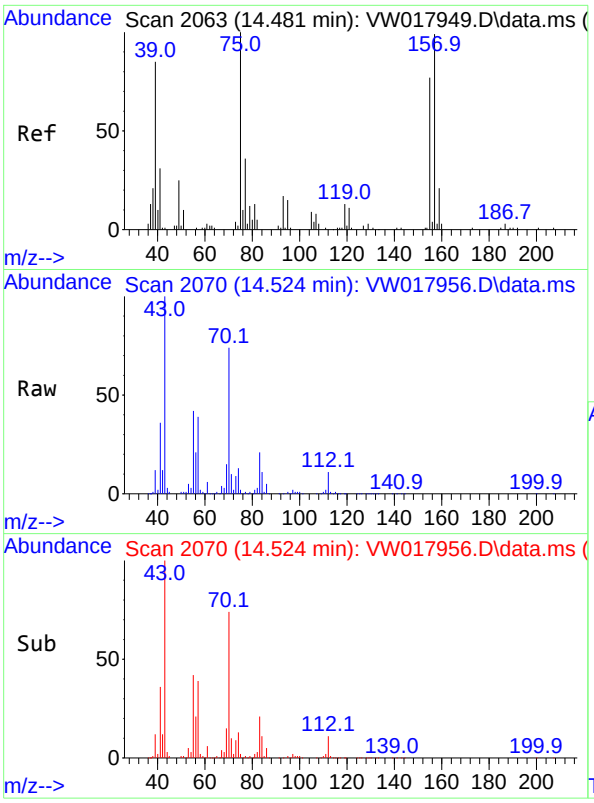
#53
Ethylbenzene
Concen: 0.24 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 91 Resp: 7219

Ion	Ratio	Lower	Upper
91	100		
106	40.1	21.1	39.1#



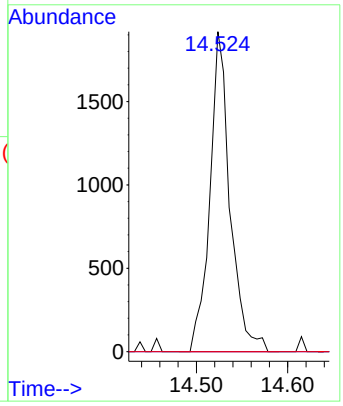
Instrument :
MSVOA_W
ClientSampleId :

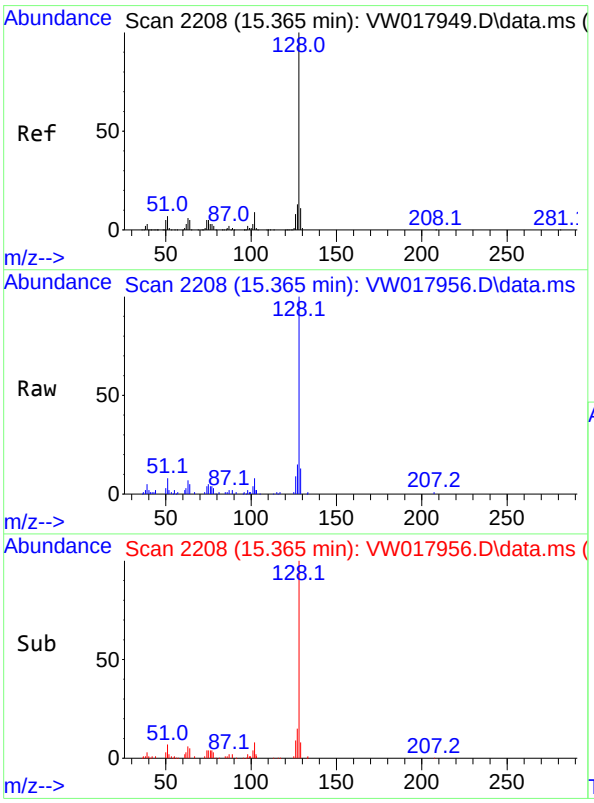


#66
1,2-Dibromo-3-chloropropane
Concen: 3.48 ug/L
RT: 14.524 min Scan# 2070
Delta R.T. 0.043 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 75 Resp: 2937

Ion	Ratio	Lower	Upper
75	100		
157	0.0	99.9	149.9#
155	0.0	71.4	107.0#





#69
Naphthalene
Concen: 1.79 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion:128 Resp: 25550

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.9	10.7	16.1