Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021501.D
Acq On : 20 Dec 2021 16:24
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 20 18:54:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174925	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	169379	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	100067	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45668	14.335	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.320%			
7) Chloroethane-d5	2.879	69	30911	14.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.720%			
11) 1,1-Dichloroethene-d2	4.013	63	73019	17.192	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.760%			
21) 2-Butanone-d5	7.080	46	24410	54.356	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.720%			
24) Chloroform-d	7.647	84	111402	22.853	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.400%			
26) 1,2-Dichloroethane-d4	8.305	65	58191	22.441	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.760%			
32) Benzene-d6	8.275	84	236508	25.474	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.880%			
36) 1,2-Dichloropropane-d6	9.275	67	64608	25.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.800%			
41) Toluene-d8	10.323	98	238278	25.119	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.480%			
43) trans-1,3-Dichloroprop...	10.579	79	27647	24.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.440%			
47) 2-Hexanone-d5	10.927	63	21973	59.678	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.360%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	51337	23.984	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	91892	23.695	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.760%			
Target Compounds						Qvalue
13) Acetone	4.135	43	1681	4.176	ug/L	77
34) Trichloroethene	8.842	95	5018	1.937	ug/L #	5
37) 1,2-Dichloropropane	9.275	63	7143	3.471	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	2023	0.624	ug/L #	71
42) Toluene	10.390	91	17390	1.611	ug/L	95
52) Ethylbenzene	11.731	91	31033	2.516	ug/L	97
53) m,p-Xylene	11.835	106	48657	9.781	ug/L	97
54) o-Xylene	12.164	106	13433	2.845	ug/L	86
60) Isopropylbenzene	13.103	105	12158	0.894	ug/L	92
62) 1,3,5-Trimethylbenzene	12.945	105	18857	1.630	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	66859	5.858	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.304	75	1935	6.441	ug/L #	1
71) Naphthalene	15.359	128	547596	87.420	ug/L	99

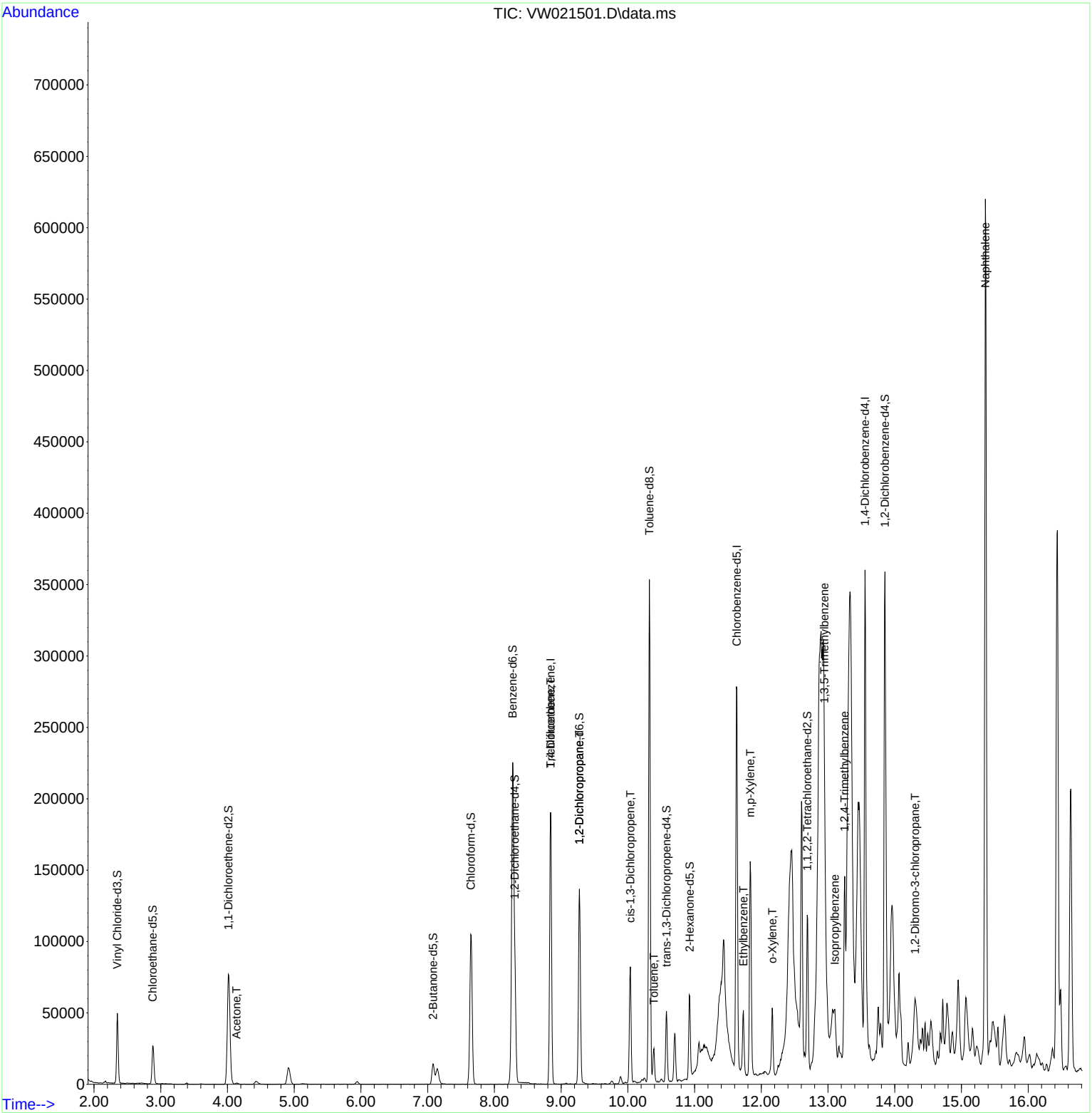
(#) = qualifier out of range (m) = manual integration (+) = signals summed

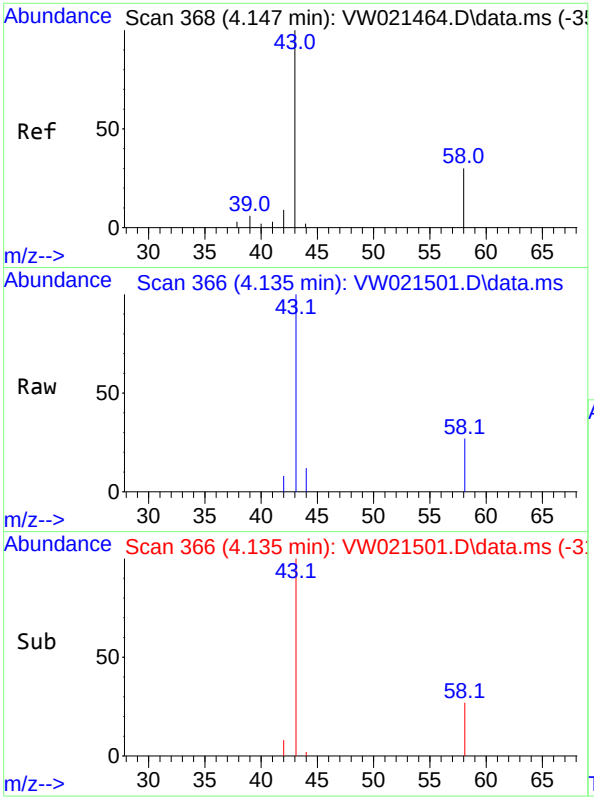
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021501.D
Acq On : 20 Dec 2021 16:24
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 20 18:54:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration



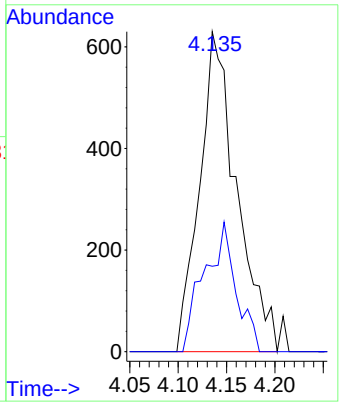


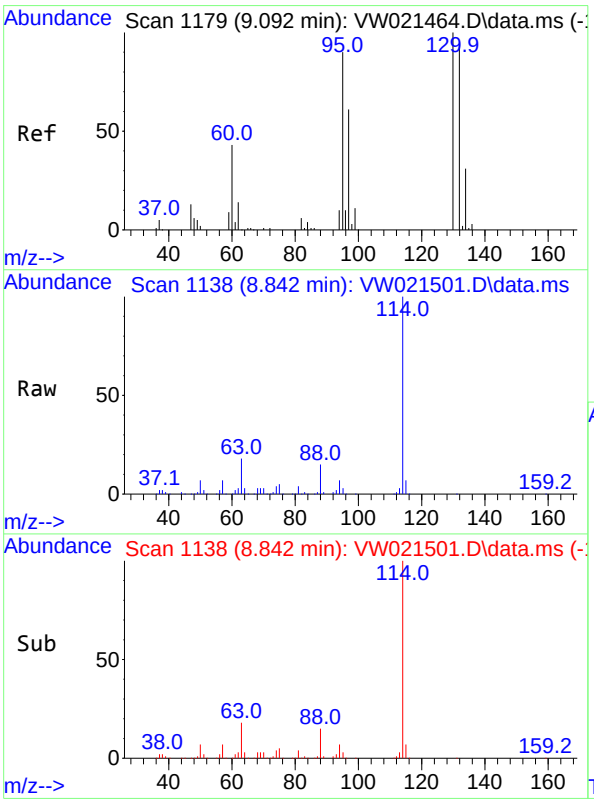
#13
Acetone
Concen: 4.176 ug/L
RT: 4.135 min Scan# 3
Delta R.T. 0.018 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1681

Ion	Ratio	Lower	Upper
43	100		
58	14.6	0.0	52.8

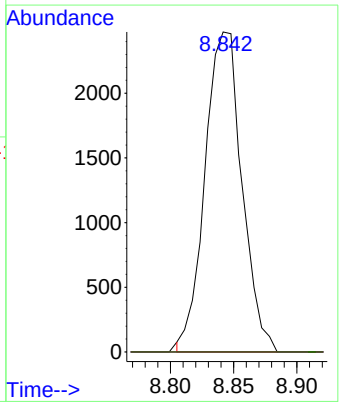


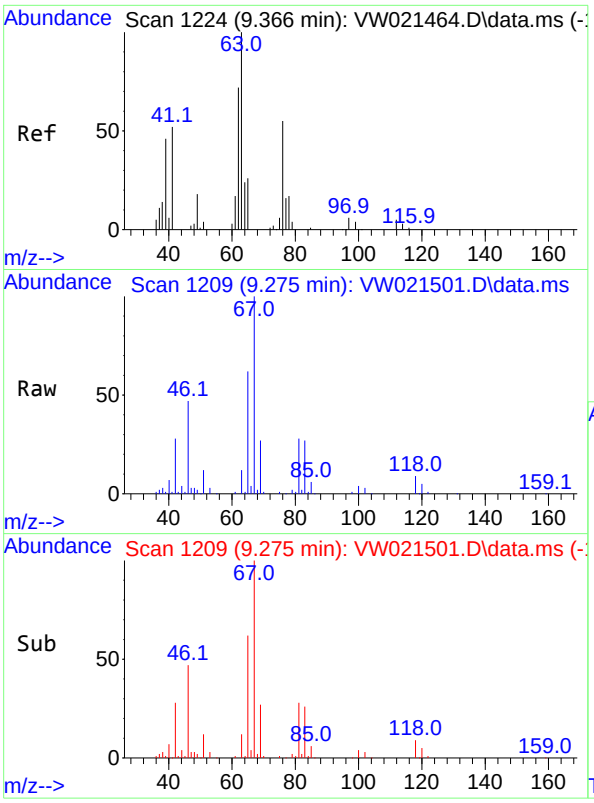


#34
Trichloroethene
Concen: 1.937 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Tgt Ion: 95 Resp: 5018

Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



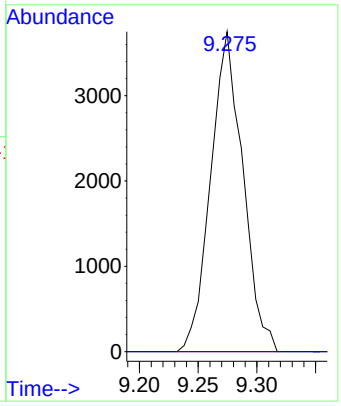


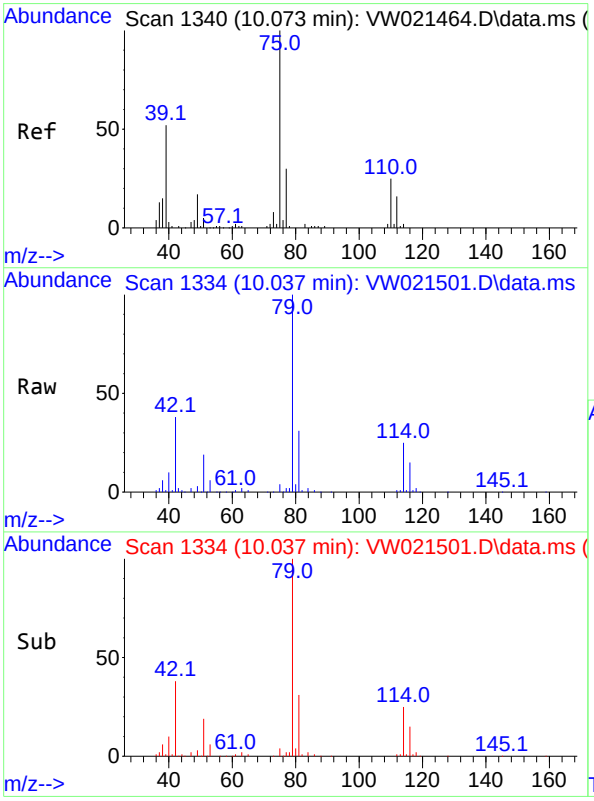
#37
1,2-Dichloropropane
Concen: 3.471 ug/L
RT: 9.275 min Scan# 1
Delta R.T. -0.091 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 7143

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

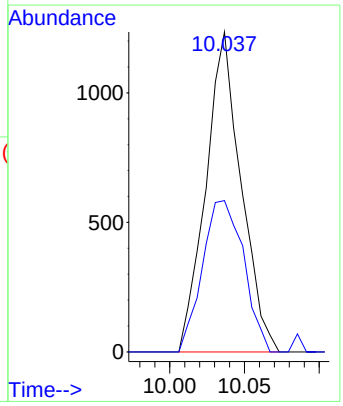


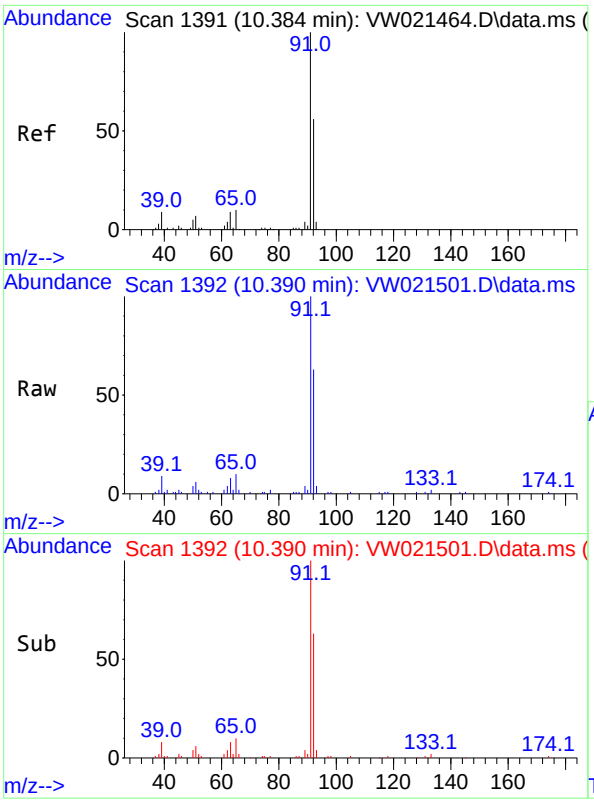


#39
cis-1,3-Dichloropropene
Concen: 0.624 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Tgt Ion: 75 Resp: 2023

Ion	Ratio	Lower	Upper
75	100		
77	47.3	21.8	40.6#



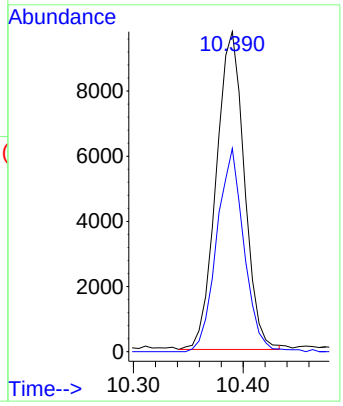


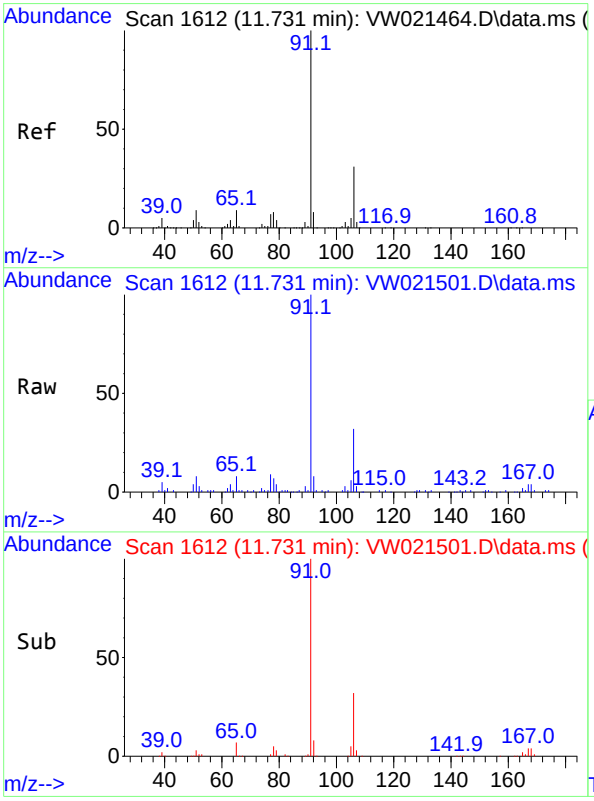
#42
Toluene
Concen: 1.611 ug/L
RT: 10.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 17390

Ion	Ratio	Lower	Upper
91	100		
92	63.5	41.7	77.5

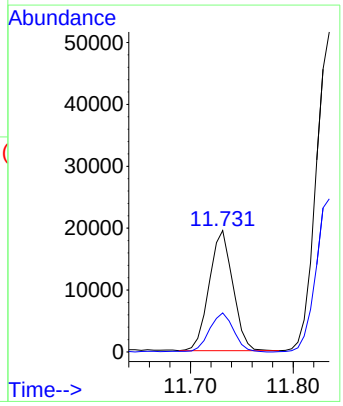


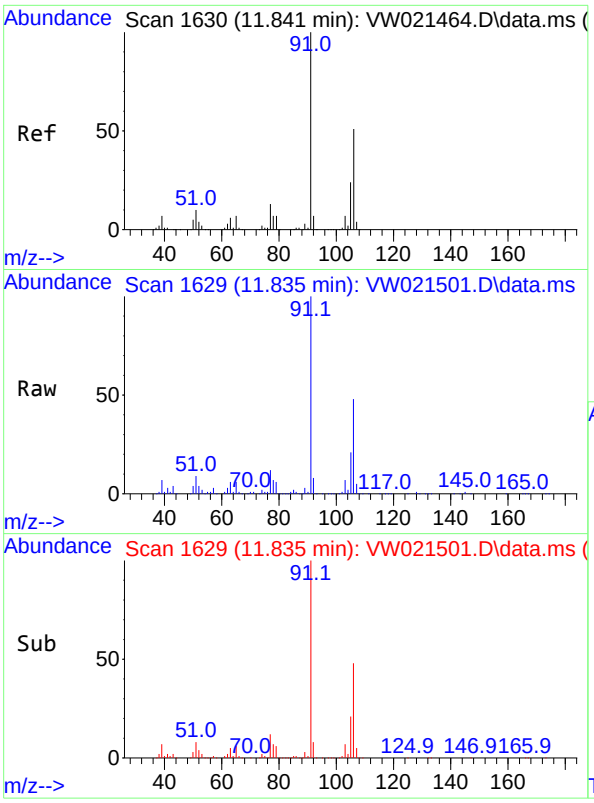


#52
Ethylbenzene
Concen: 2.516 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Tgt Ion: 91 Resp: 31033

Ion	Ratio	Lower	Upper
91	100		
106	32.1	21.5	39.9



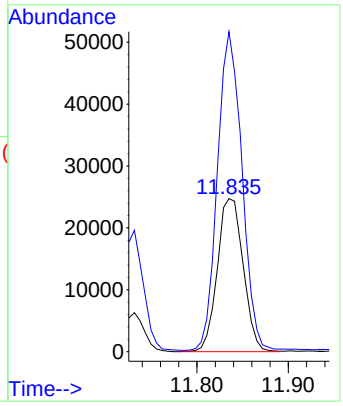


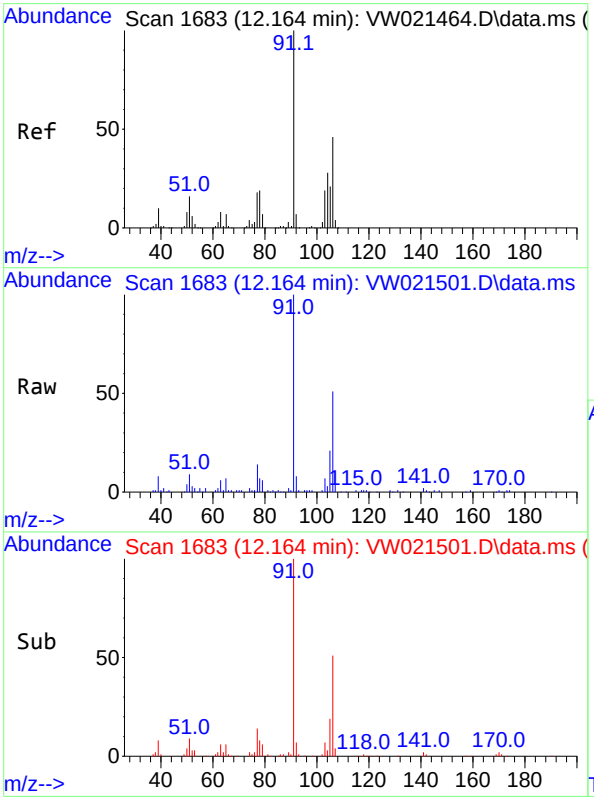
#53
m,p-Xylene
Concen: 9.781 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 48657

Ion	Ratio	Lower	Upper
106	100		
91	208.9	149.9	278.3

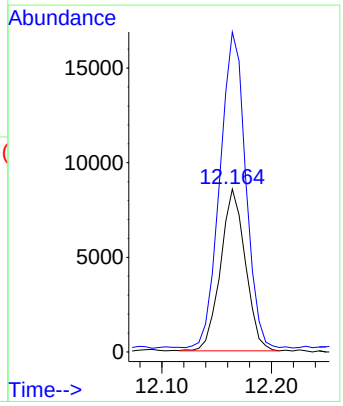


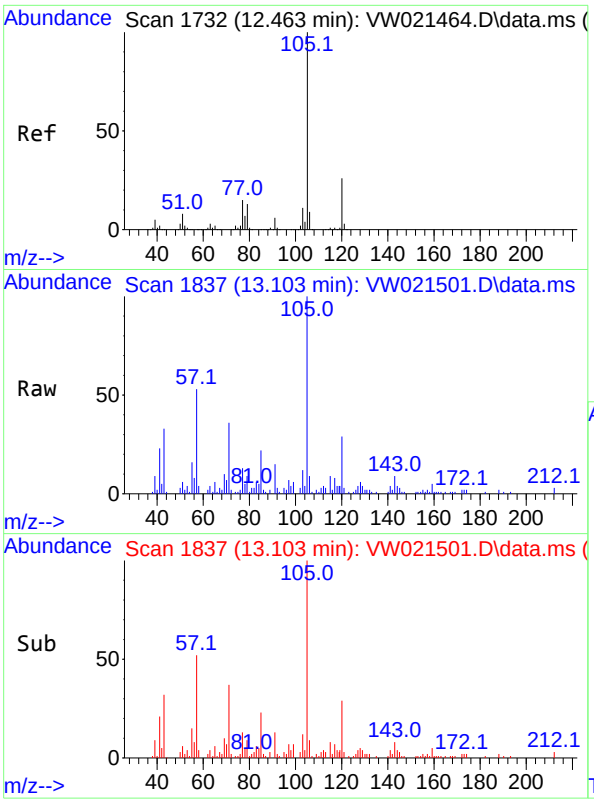


#54
o-Xylene
Concen: 2.845 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Tgt Ion:106 Resp: 13433

Ion	Ratio	Lower	Upper
106	100		
91	196.4	153.6	285.3



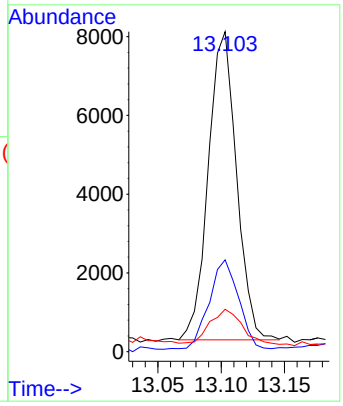


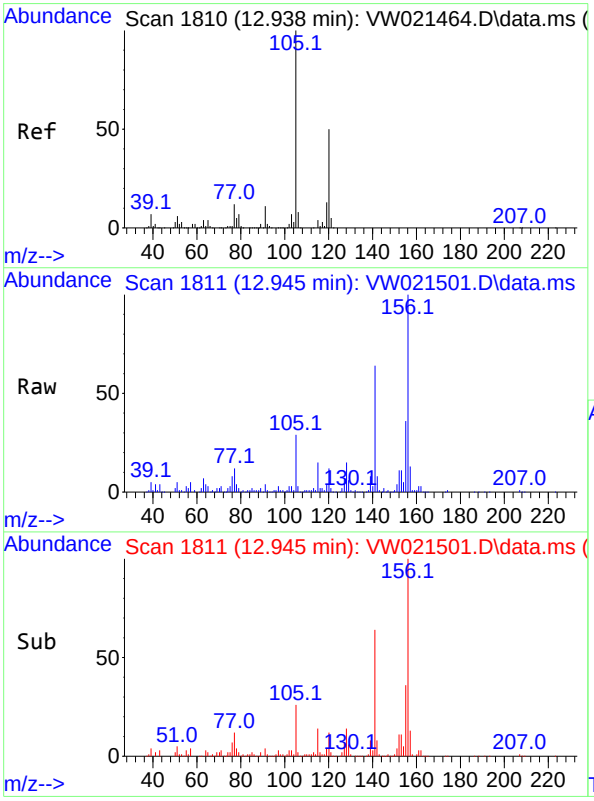
#60
Isopropylbenzene
Concen: 0.894 ug/L
RT: 13.103 min Scan# 1
Delta R.T. 0.640 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 12158

Ion	Ratio	Lower	Upper
105	100		
120	29.6	20.1	30.1
77	14.0	13.8	20.8

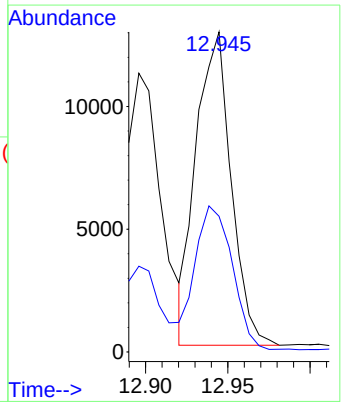


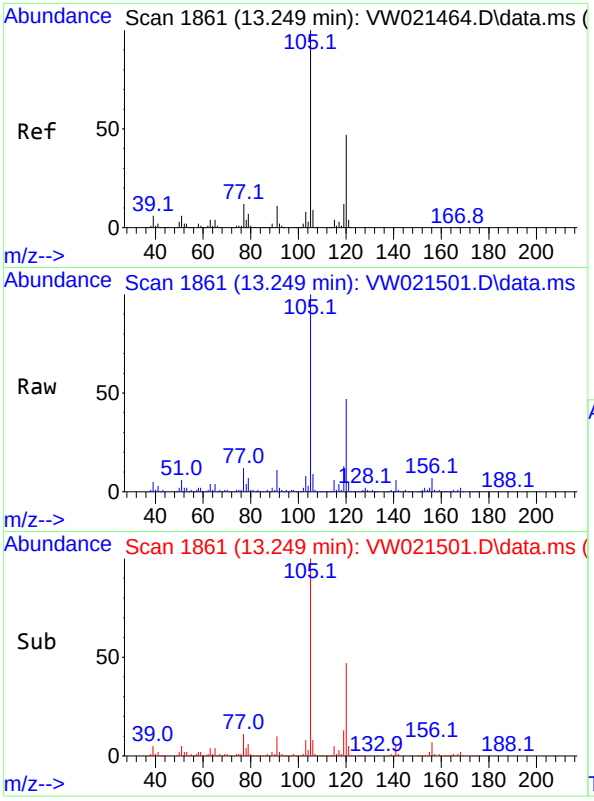


#62
1,3,5-Trimethylbenzene
Concen: 1.630 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Tgt Ion:105 Resp: 18857

Ion	Ratio	Lower	Upper
105	100		
120	52.1	37.4	56.2



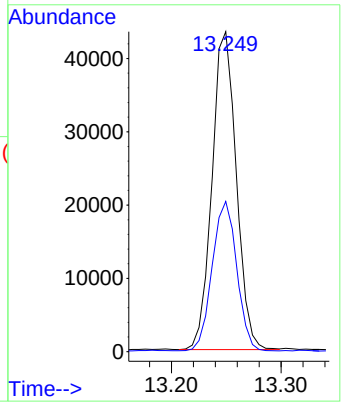


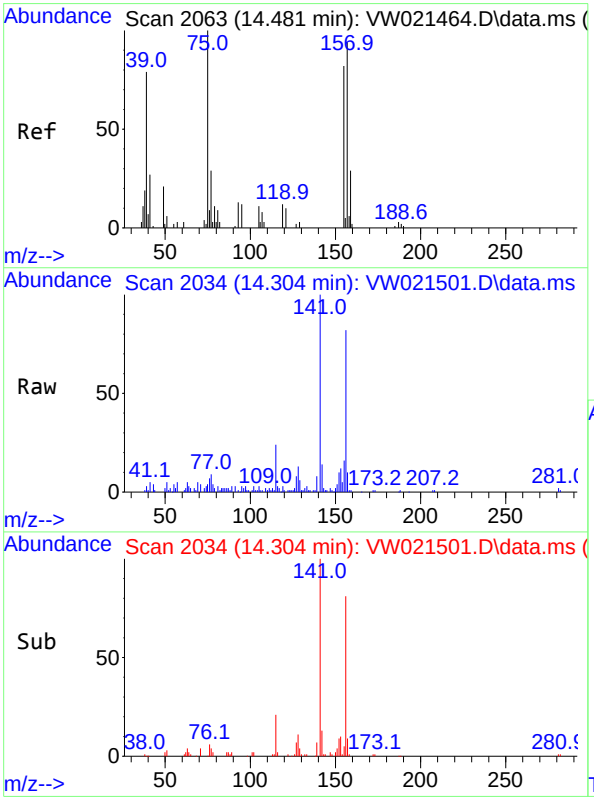
#63
1,2,4-Trimethylbenzene
Concen: 5.858 ug/L
RT: 13.249 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 66859

Ion	Ratio	Lower	Upper
105	100		
120	48.0	35.0	52.6

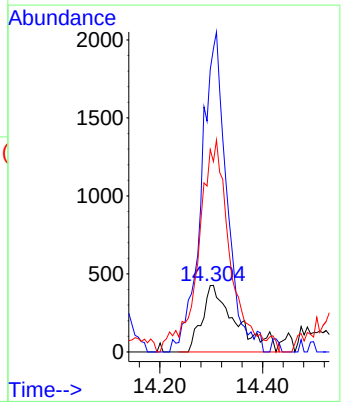


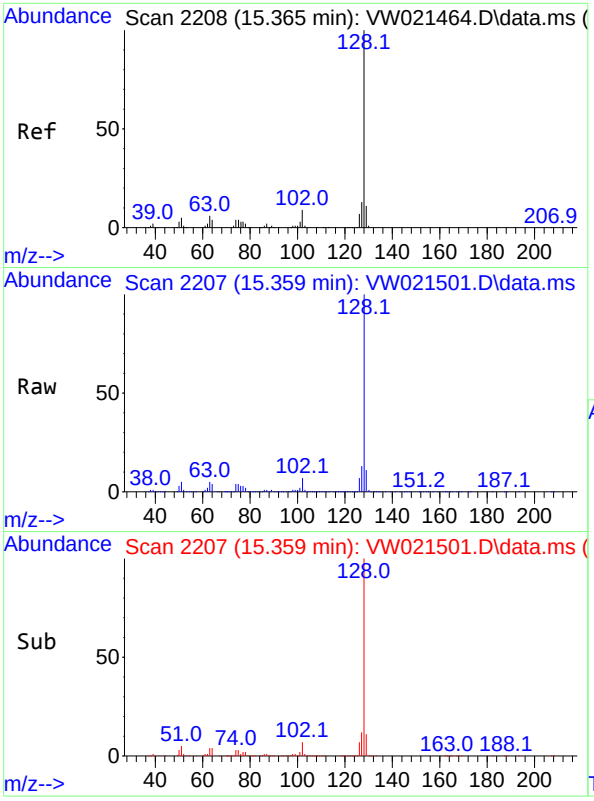


#68
1,2-Dibromo-3-chloropropane
Concen: 6.441 ug/L
RT: 14.304 min Scan# 2034
Delta R.T. -0.177 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Tgt Ion: 75 Resp: 1935

Ion	Ratio	Lower	Upper
75	100		
155	456.3	54.2	81.2#
157	286.4	69.4	104.2#





#71
Naphthalene
Concen: 87.420 ug/L
RT: 15.359 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW021501.D
Acq: 20 Dec 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 547596

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.3	8.6	12.8