Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021027.D
Acq On : 02 Dec 2021 06:16
Operator : SY/VA
Sample : M4881-15
Misc : 4.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 03 00:23:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	70427	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	31250	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	4367	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18768	22.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.880%			
7) Chloroethane-d5	2.885	69	13542	25.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.800%			
11) 1,1-Dichloroethene-d2	4.013	63	22170	14.026	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.120%			
21) 2-Butanone-d5	7.080	46	9505	46.615	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.240%			
24) Chloroform-d	7.647	84	43506	24.517	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.080%			
26) 1,2-Dichloroethane-d4	8.305	65	21185	23.520	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.080%			
32) Benzene-d6	8.275	84	71153	43.201	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 172.800%#			
36) 1,2-Dichloropropane-d6	9.274	67	22482	47.935	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 191.760%#			
41) Toluene-d8	10.323	98	45964	28.117	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.480%			
43) trans-1,3-Dichloroprop...	10.579	79	4360	19.668	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.680%			
47) 2-Hexanone-d5	10.927	63	5882	75.618	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 151.240%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12148	33.811	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 135.240%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	3668	23.566	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.280%			
Target Compounds						Qvalue
13) Acetone	4.129	43	1627	8.937	ug/L	94
16) Methylene chloride	4.915	84	4667	4.751	ug/L #	70
22) 2-Butanone	7.135	43	748	3.024	ug/L #	63
27) 1,2-Dichloroethane	8.403	62	5317	5.098	ug/L #	90
29) Cyclohexane	7.945	56	336	0.482	ug/L #	56
33) Benzene	8.336	78	1516	0.857	ug/L	100
34) Trichloroethene	9.092	95	45563	92.064	ug/L	90
35) Methylcyclohexane	9.329	83	668	0.819	ug/L #	1
39) cis-1,3-Dichloropropene	10.037	75	645	0.949	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	770	3.142	ug/L #	88
42) Toluene	10.390	91	8165	4.103	ug/L	90
48) 2-Hexanone	10.951	43	575	3.387	ug/L #	41
52) Ethylbenzene	11.725	91	1770	0.803	ug/L	98
53) m,p-Xylene	11.835	106	2475	2.749	ug/L	83
54) o-Xylene	12.164	106	1021	1.181	ug/L	76
60) Isopropylbenzene	12.463	105	467	0.785	ug/L #	68
61) 1,2,3-Trichloropropane	12.932	75	112	1.748	ug/L #	1
62) 1,3,5-Trimethylbenzene	13.249	105	1157	2.306	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	1157	2.337	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
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Acq On : 02 Dec 2021 06:16
Operator : SY/VA
Sample : M4881-15
Misc : 4.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 03 00:23:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	15.359	128	784	2.663	ug/L #	76

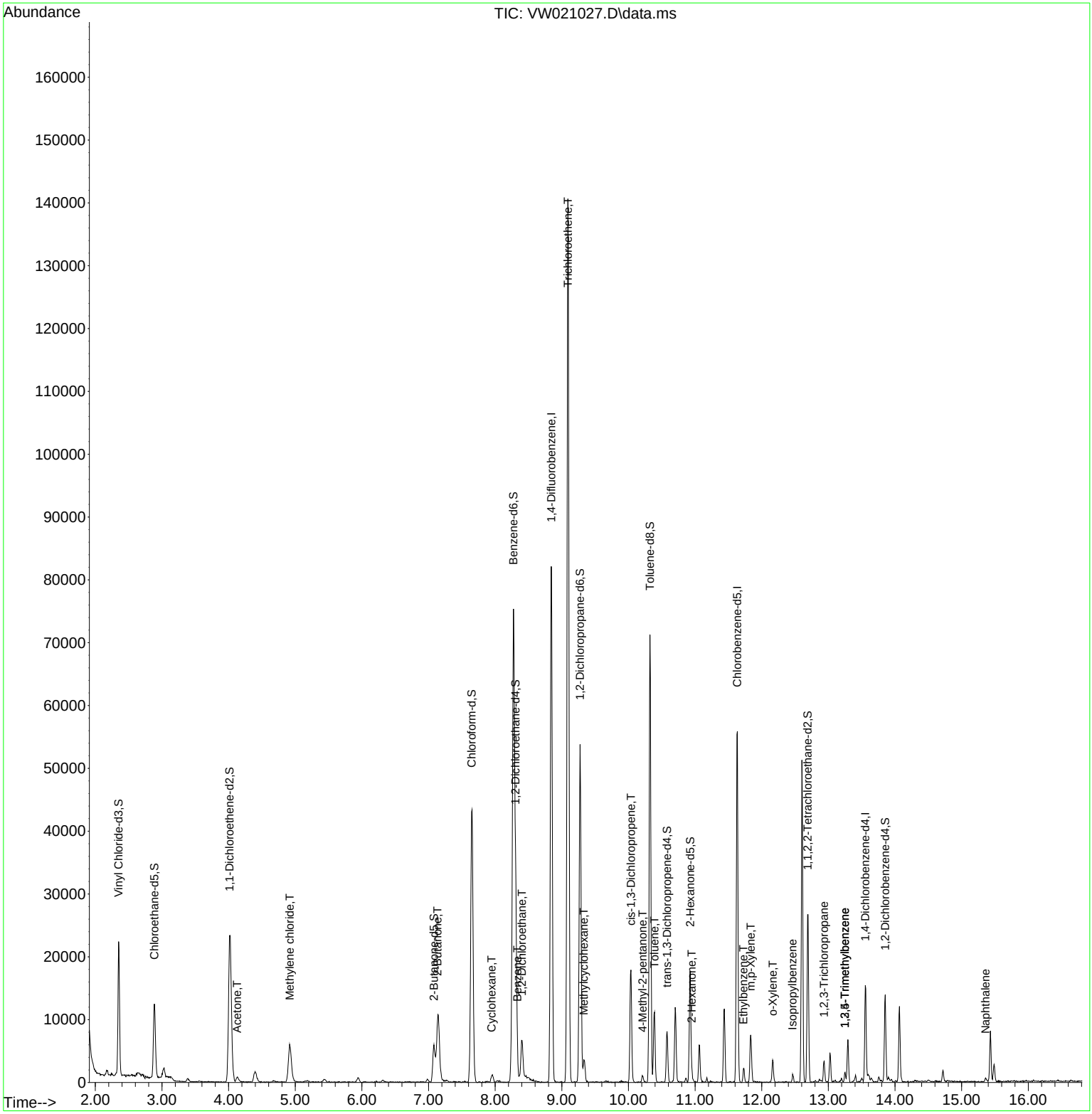
(#) = qualifier out of range (m) = manual integration (+) = signals summed

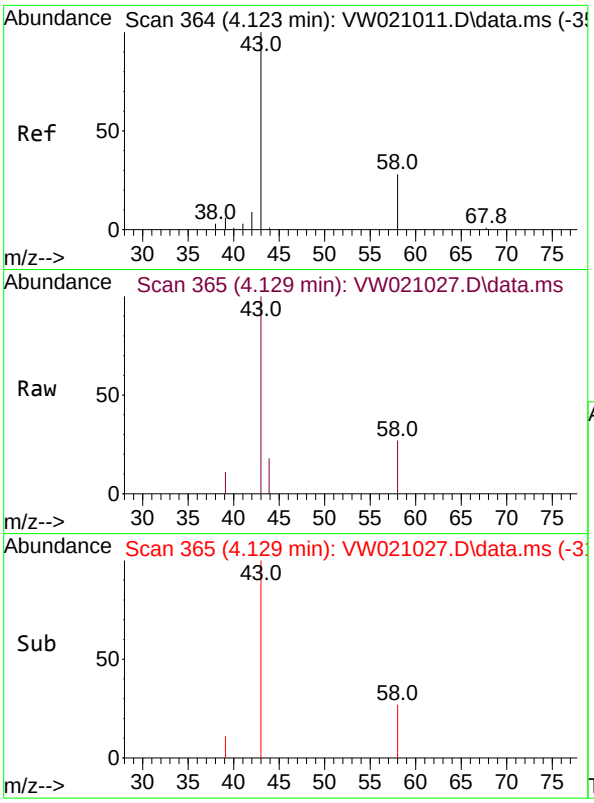
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021027.D
Acq On : 02 Dec 2021 06:16
Operator : SY/VA
Sample : M4881-15
Misc : 4.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 03 00:23:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration



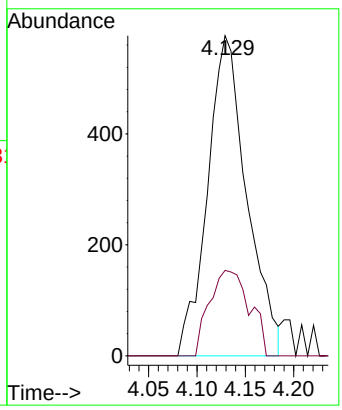


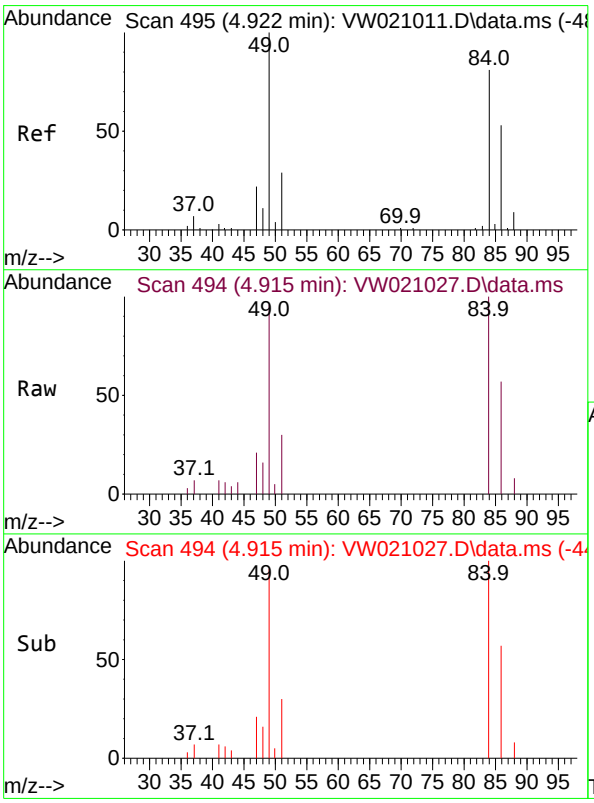
#13
Acetone
Concen: 8.937 ug/L
RT: 4.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1627

Ion	Ratio	Lower	Upper
43	100		
58	23.5	0.0	52.8

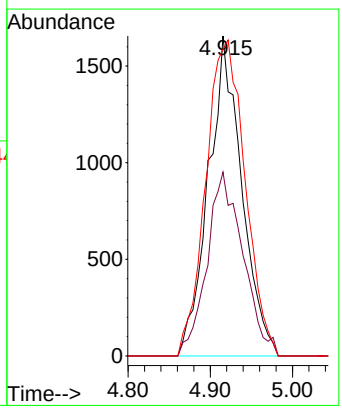


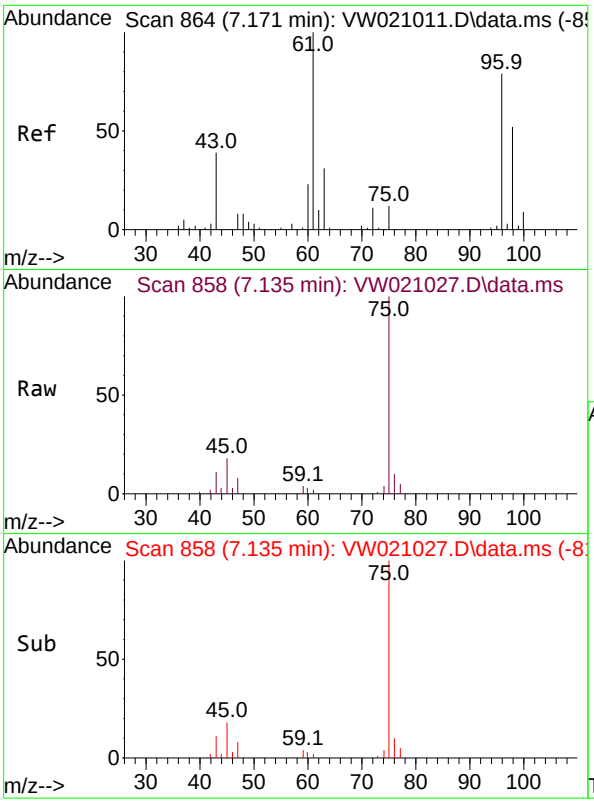


#16
Methylene chloride
Concen: 4.751 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion: 84 Resp: 4667

Ion	Ratio	Lower	Upper
84	100		
86	57.4	45.5	84.5
49	95.9	100.5	186.7#



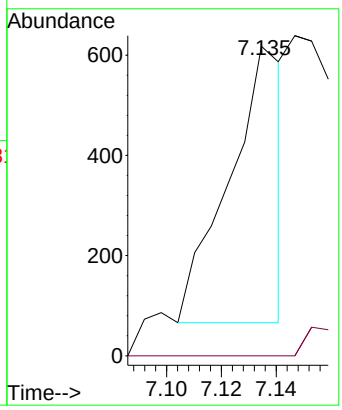


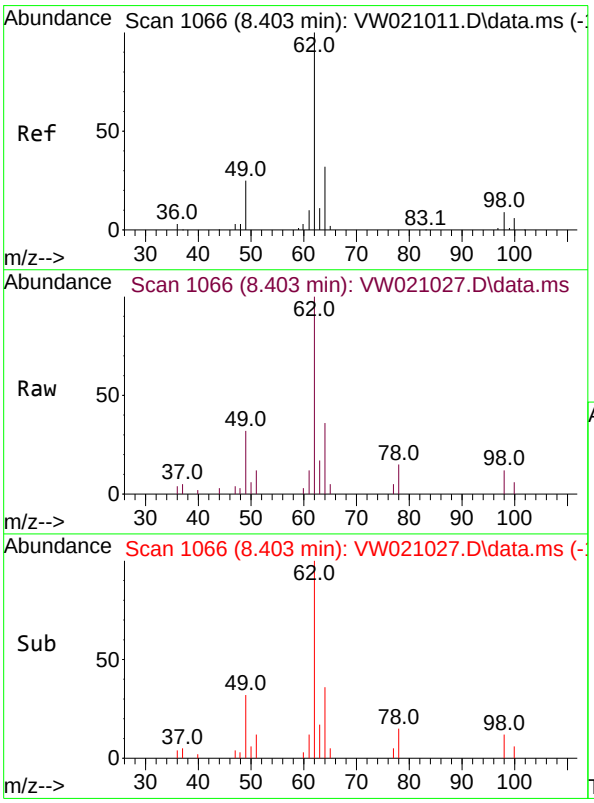
#22
2-Butanone
Concen: 3.024 ug/L
RT: 7.135 min Scan# 8
Delta R.T. -0.037 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 748

Ion	Ratio	Lower	Upper
43	100		
72	5.3	11.8	35.4#

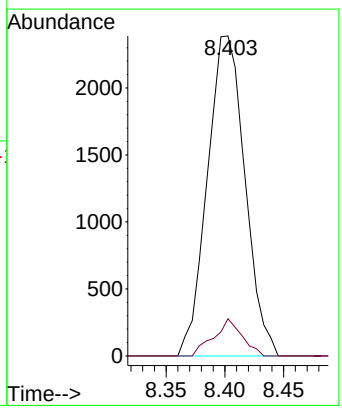


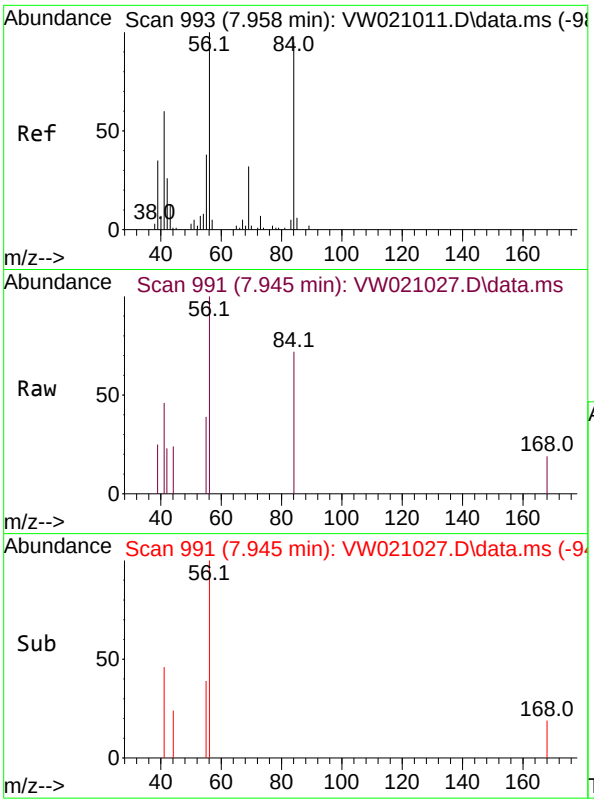


#27
1,2-Dichloroethane
Concen: 5.098 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion: 62 Resp: 5317

Ion	Ratio	Lower	Upper
62	100		
98	11.6	6.5	9.7#



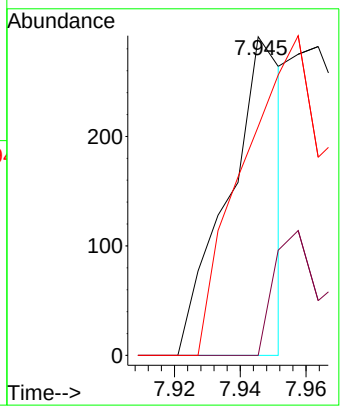


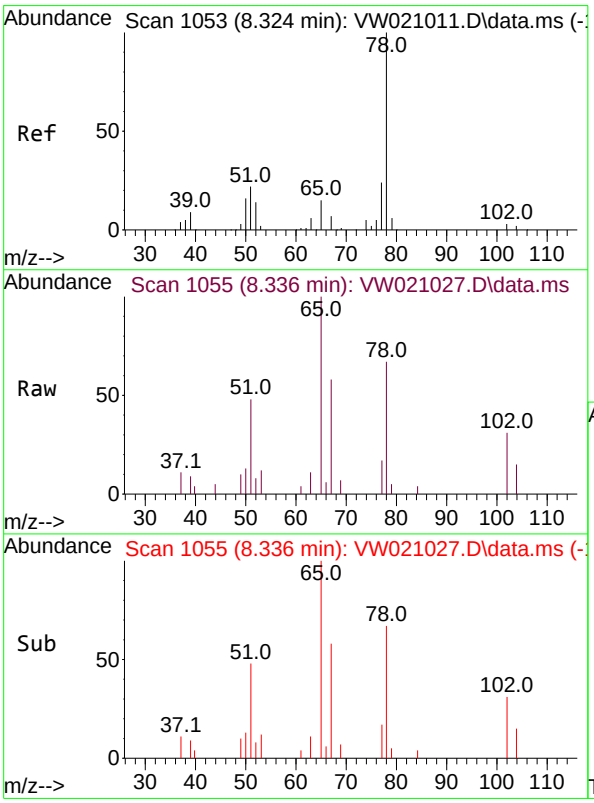
#29
Cyclohexane
Concen: 0.482 ug/L
RT: 7.945 min Scan# 9
Delta R.T. -0.012 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 336

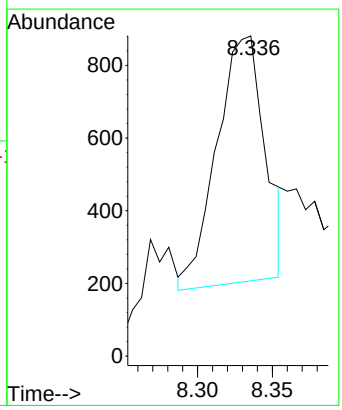
Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.5	35.3
84	132.1	63.4	95.2#

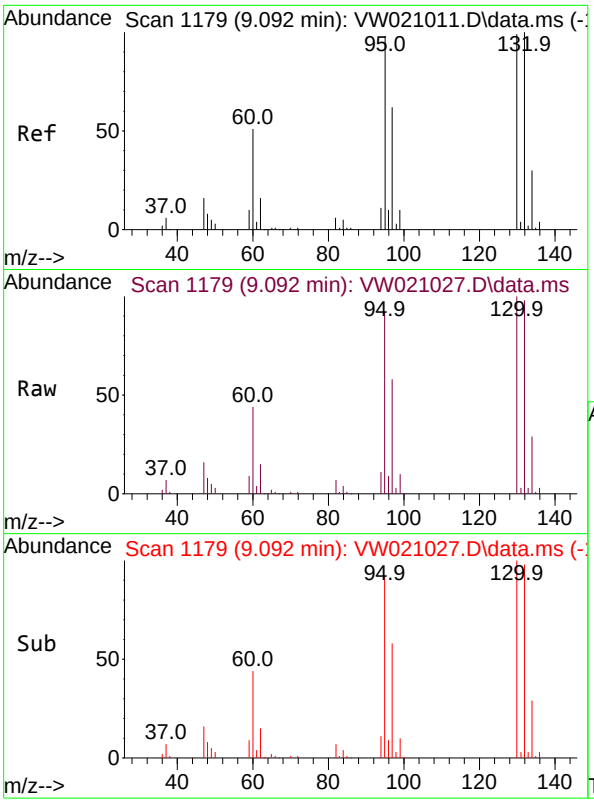




#33
Benzene
Concen: 0.857 ug/L
RT: 8.336 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion: 78 Resp: 1516



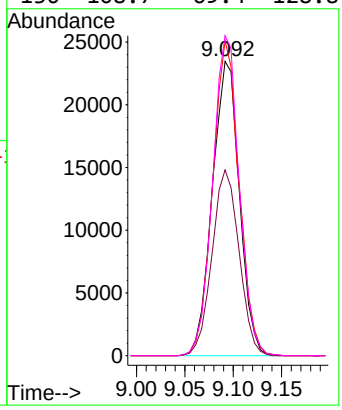


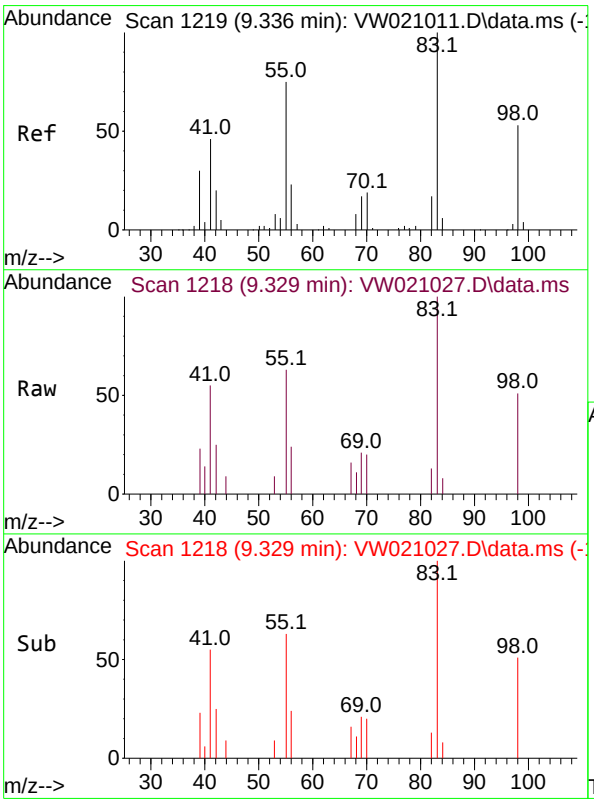
#34
Trichloroethene
Concen: 92.064 ug/L
RT: 9.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 45563

Ion	Ratio	Lower	Upper
95	100		
97	63.1	47.0	87.2
132	107.1	65.5	121.6
130	108.7	69.4	128.8

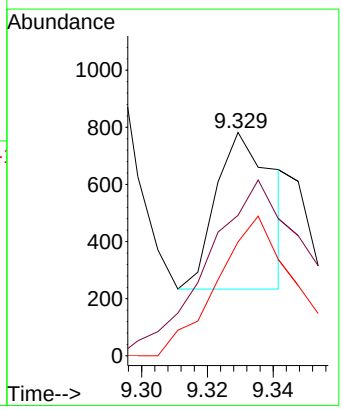


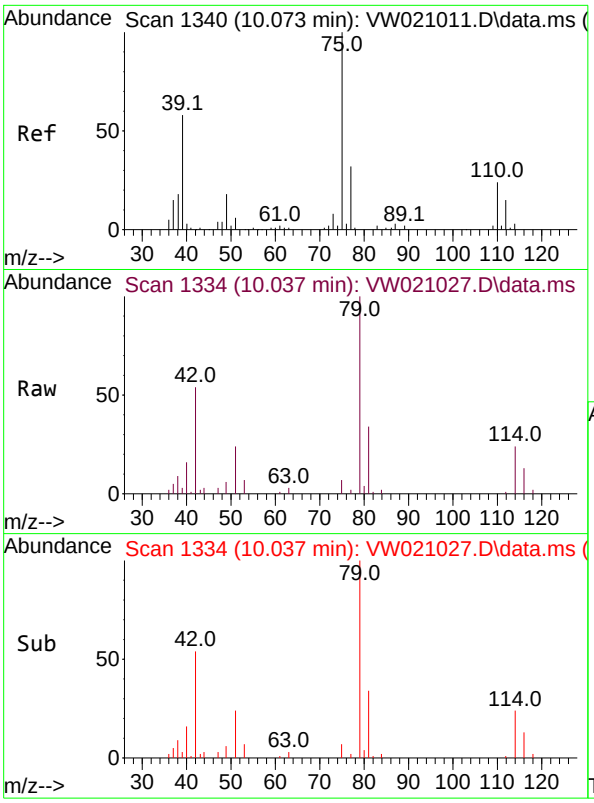


#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion: 83 Resp: 668

Ion	Ratio	Lower	Upper
83	100		
55	187.0	70.8	106.2#
98	118.9	37.7	56.5#



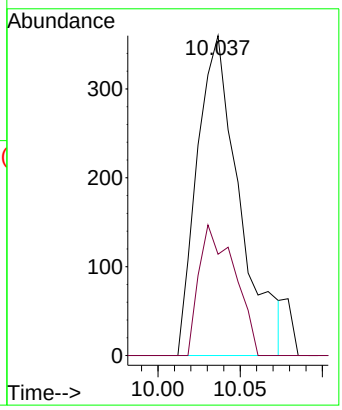


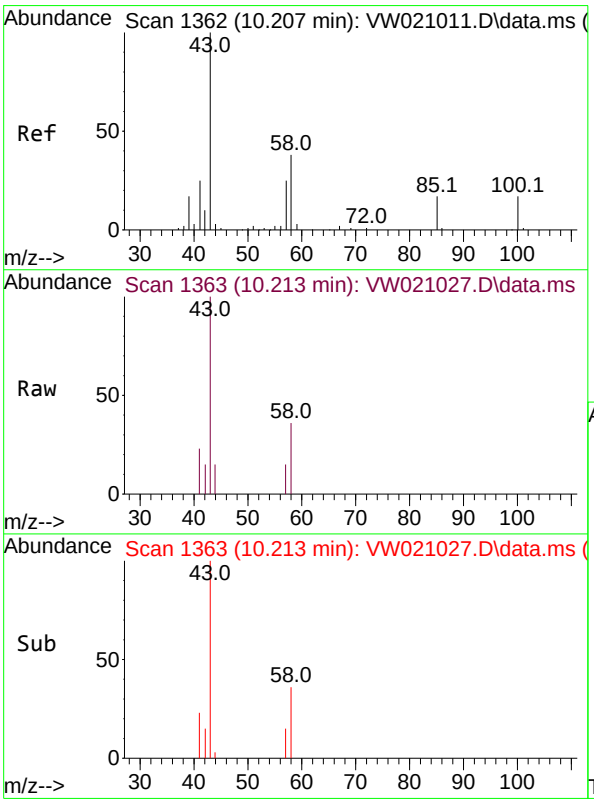
#39
cis-1,3-Dichloropropene
Concen: 0.949 ug/L
RT: 10.037 min Scan# 1
Delta R.T. -0.037 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 645

Ion	Ratio	Lower	Upper
75	100		
77	31.7	21.8	40.6

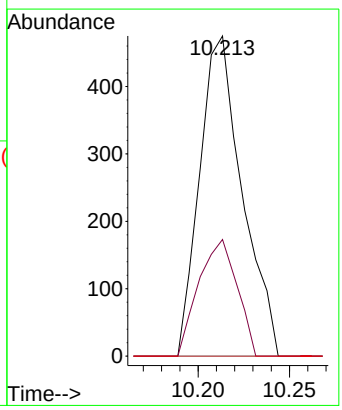


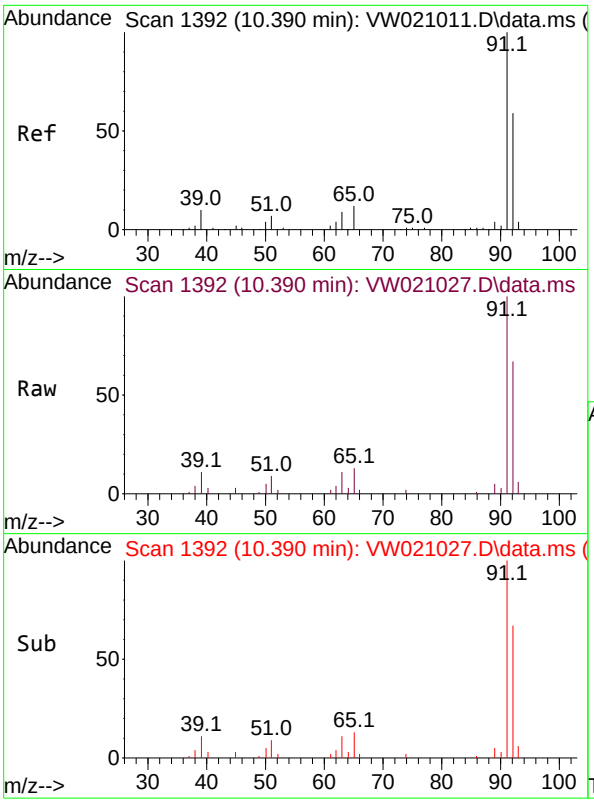


#40
4-Methyl-2-pentanone
Concen: 3.142 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion: 43 Resp: 770

Ion	Ratio	Lower	Upper
43	100		
58	32.9	28.8	43.2
100	0.0	10.0	15.0#



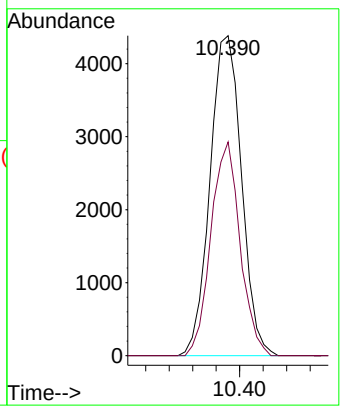


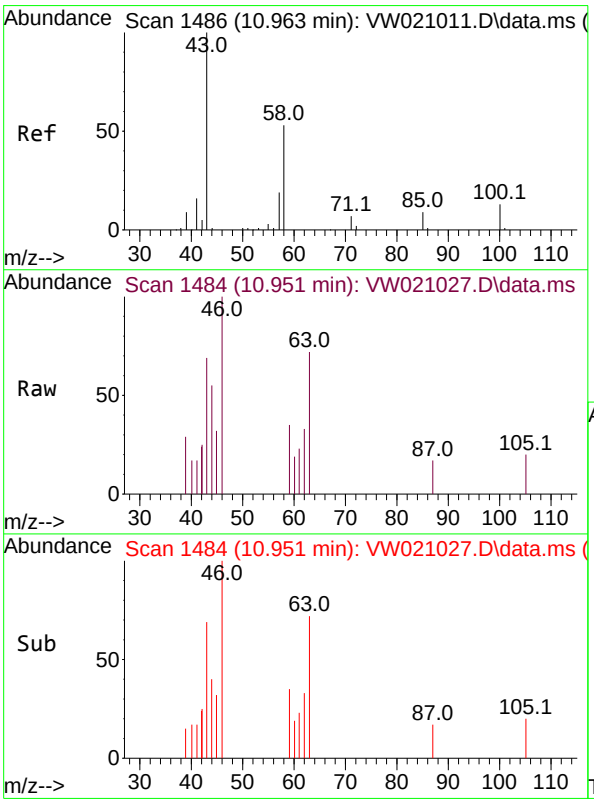
#42
Toluene
Concen: 4.103 ug/L
RT: 10.390 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 8165

Ion	Ratio	Lower	Upper
91	100		
92	66.8	41.7	77.5

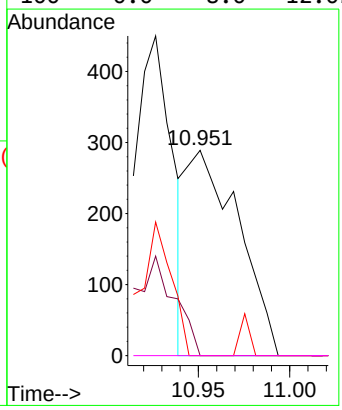


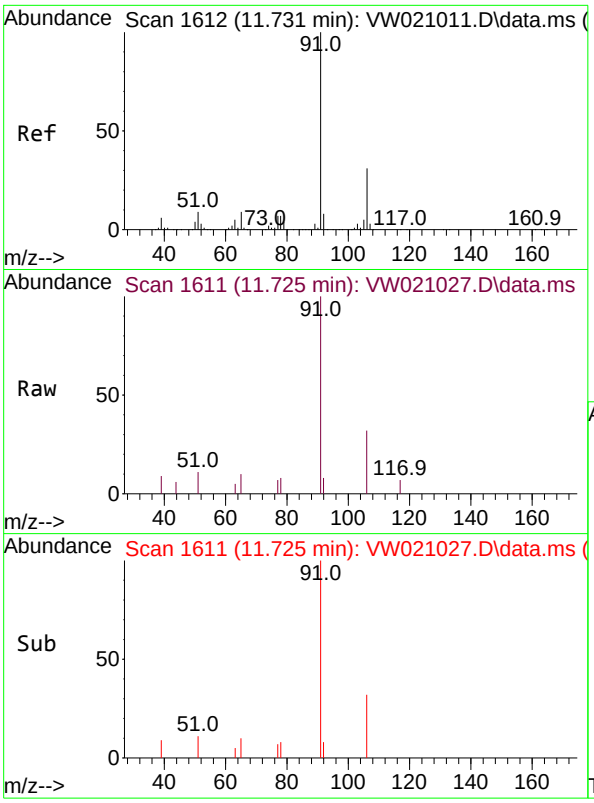


#48
2-Hexanone
Concen: 3.387 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.012 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion: 43 Resp: 575

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.2	60.2#
57	0.0	14.3	21.5#
100	0.0	8.0	12.0#



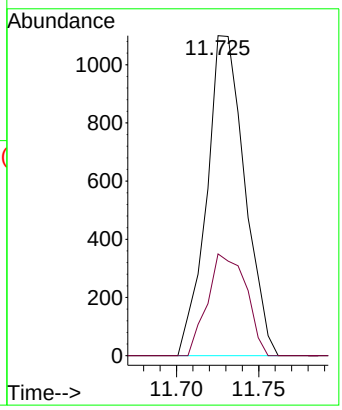


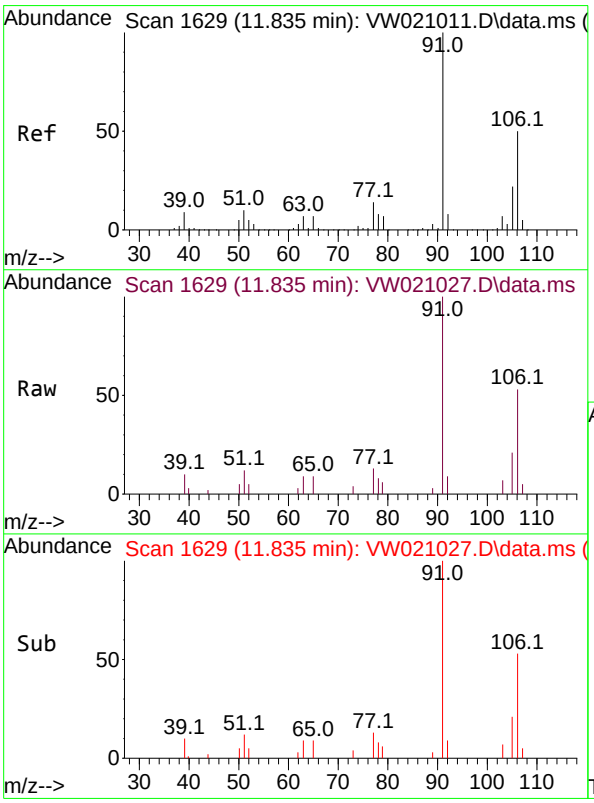
#52
Ethylbenzene
Concen: 0.803 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 1770

Ion	Ratio	Lower	Upper
91	100		
106	31.8	21.5	39.9

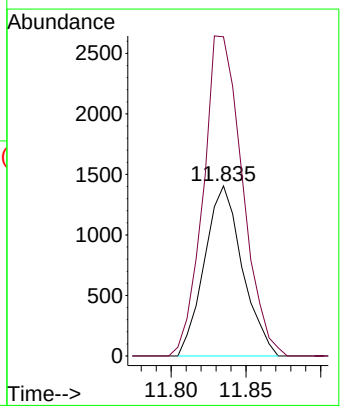


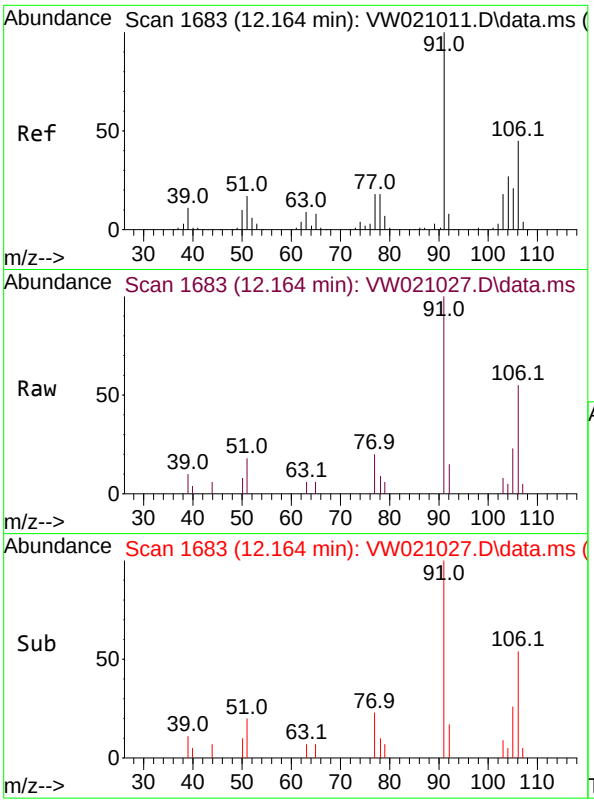


#53
m,p-Xylene
Concen: 2.749 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion:106 Resp: 2475

Ion	Ratio	Lower	Upper
106	100		
91	187.6	149.9	278.3



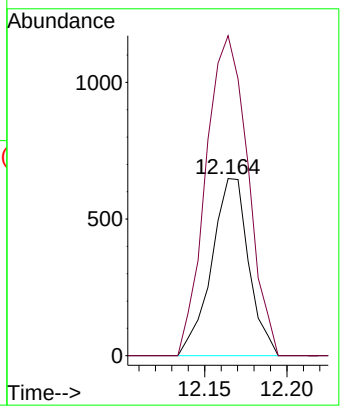


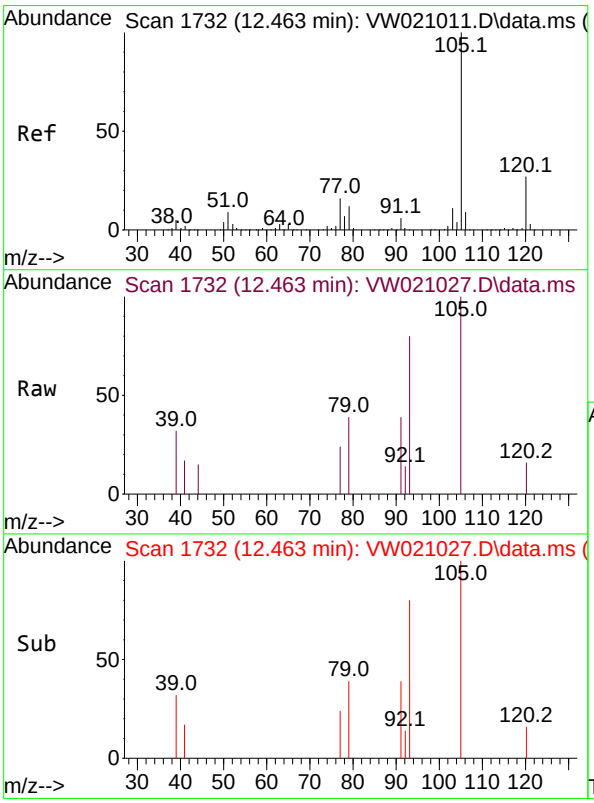
#54
o-Xylene
Concen: 1.181 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 1021

Ion	Ratio	Lower	Upper
106	100		
91	180.7	153.6	285.3

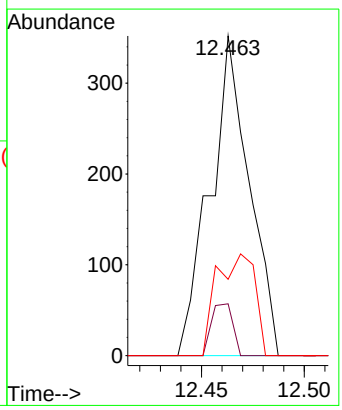


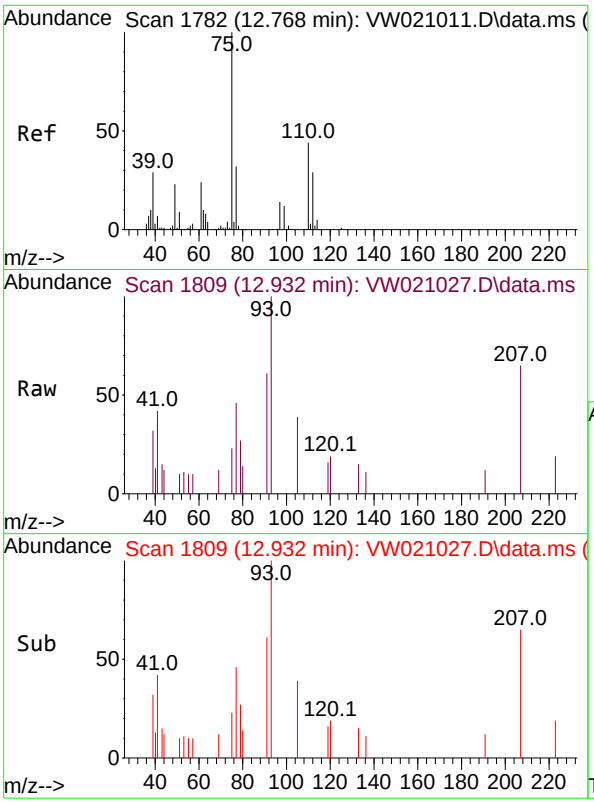


#60
Isopropylbenzene
Concen: 0.785 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion:105 Resp: 467

Ion	Ratio	Lower	Upper
105	100		
120	8.8	20.1	30.1#
77	30.8	13.8	20.8#



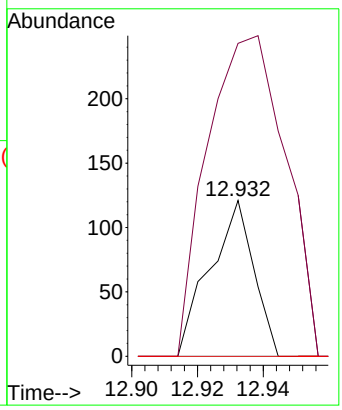


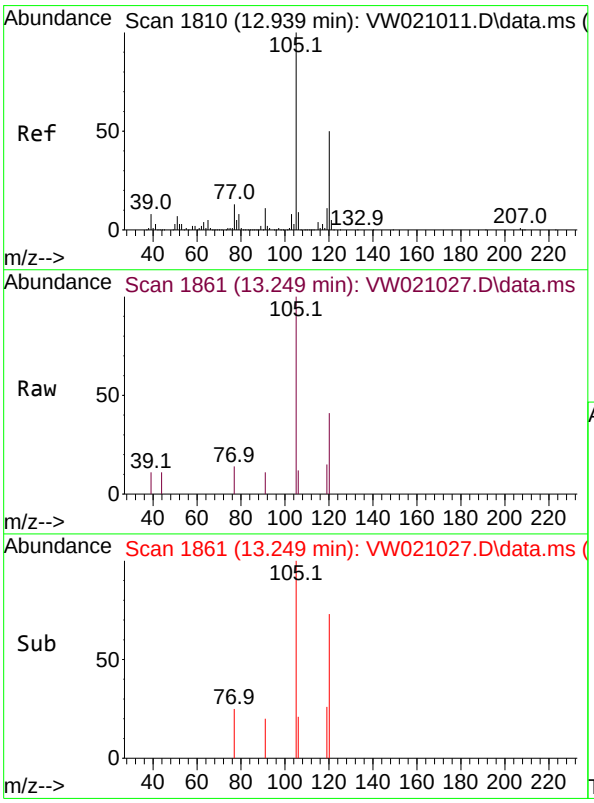
#61
1,2,3-Trichloropropane
Concen: 1.748 ug/L
RT: 12.932 min Scan# 1
Delta R.T. 0.164 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 112

Ion	Ratio	Lower	Upper
75	100		
77	367.0	25.8	38.8#
110	0.0	29.0	43.4#

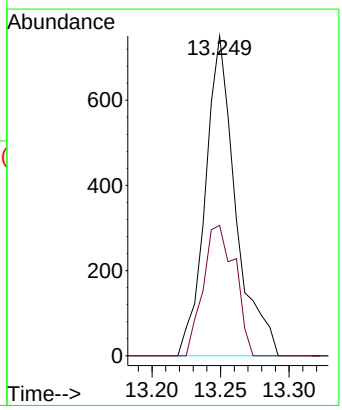


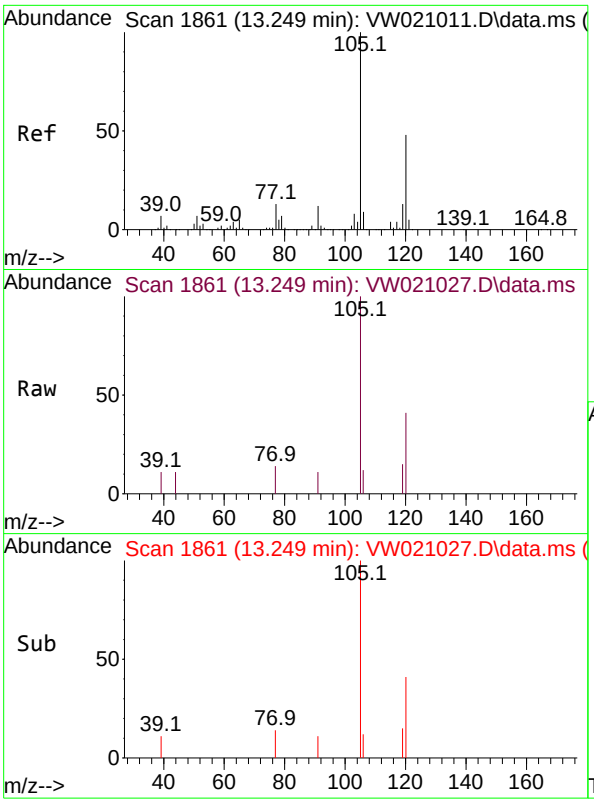


#62
1,3,5-Trimethylbenzene
Concen: 2.306 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.311 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion:105 Resp: 1157

Ion	Ratio	Lower	Upper
105	100		
120	42.8	37.4	56.2



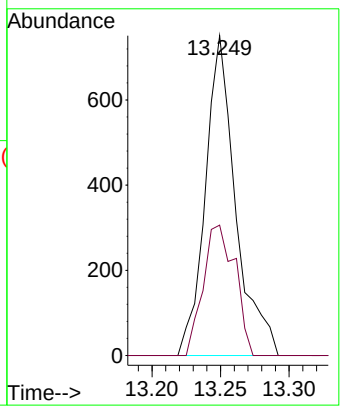


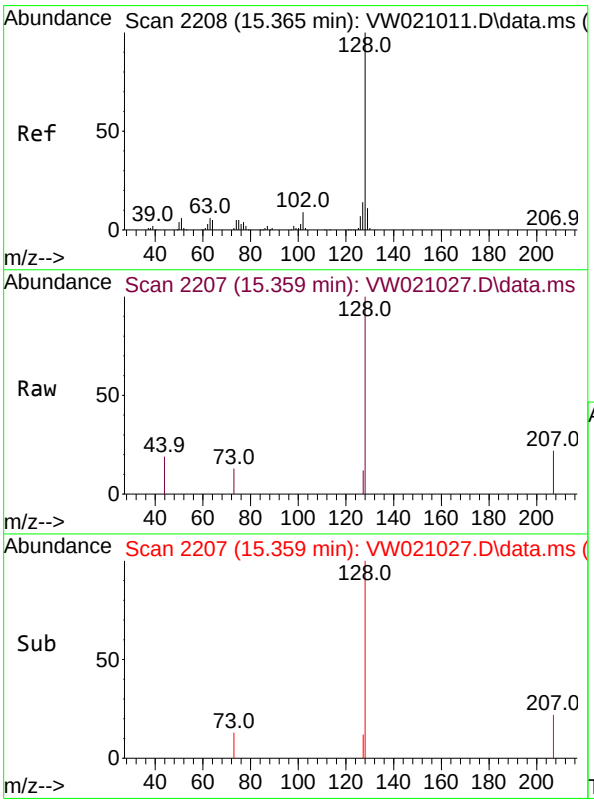
#63
1,2,4-Trimethylbenzene
Concen: 2.337 ug/L
RT: 13.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 1157

Ion	Ratio	Lower	Upper
105	100		
120	42.8	35.0	52.6





#71
Naphthalene
Concen: 2.663 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion:128 Resp: 784

Ion	Ratio	Lower	Upper
128	100		
127	5.0	10.7	16.1#
129	0.0	8.6	12.8#