Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021017.D
Acq On : 02 Dec 2021 02:16
Operator : SY/VA
Sample : M4881-05
Misc : 4.62g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 02 07:29:46 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	8.841	114	98303	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	54513	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	22250	19.513	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.040%			
7) Chloroethane-d5	2.885	69	16164	21.980	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.920%			
11) 1,1-Dichloroethene-d2	4.019	63	30499	13.824	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.280%			
21) 2-Butanone-d5	7.080	46	14006	49.211	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.420%			
24) Chloroform-d	7.647	84	60026	24.234	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.920%			
26) 1,2-Dichloroethane-d4	8.305	65	30266	24.073	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.280%			
32) Benzene-d6	8.274	84	101328	35.268	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 141.080%#			
36) 1,2-Dichloropropane-d6	9.274	67	32647	39.904	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 159.600%#			
41) Toluene-d8	10.323	98	77535	27.189	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.760%			
43) trans-1,3-Dichloroprop...	10.579	79	8238	21.303	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.200%			
47) 2-Hexanone-d5	10.920	63	9512	70.100	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 140.200%#			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	18961	30.253	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.000%#			
66) 1,2-Dichlorobenzene-d4	13.859	152	7912	22.592	ug/L	0.01
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.360%			
Target Compounds						Qvalue
13) Acetone	4.129	43	1557	6.127	ug/L	88
16) Methylene chloride	4.921	84	6231	4.545	ug/L	78
22) 2-Butanone	7.141	43	1771	5.130	ug/L #	52
27) 1,2-Dichloroethane	8.403	62	1863	1.280	ug/L #	95
34) Trichloroethene	8.841	95	3006	3.482	ug/L #	5
35) Methylcyclohexane	9.341	83	1082	0.760	ug/L	87
37) 1,2-Dichloropropane	9.274	63	4403	6.129	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	957	0.807	ug/L #	62
42) Toluene	10.390	91	4775	1.375	ug/L	95
48) 2-Hexanone	10.926	43	1611	5.440	ug/L #	63
52) Ethylbenzene	11.731	91	1983	0.515	ug/L	96
53) m,p-Xylene	11.841	106	2617	1.666	ug/L	83
54) o-Xylene	12.164	106	906	0.601	ug/L	99
61) 1,2,3-Trichloropropane	12.926	75	135	0.937	ug/L #	24
62) 1,3,5-Trimethylbenzene	12.944	105	692	0.613	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	2097	1.883	ug/L	93
71) Naphthalene	15.365	128	580	0.875	ug/L #	78

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021017.D
Acq On : 02 Dec 2021 02:16
Operator : SY/VA
Sample : M4881-05
Misc : 4.62g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 02 07:29:46 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

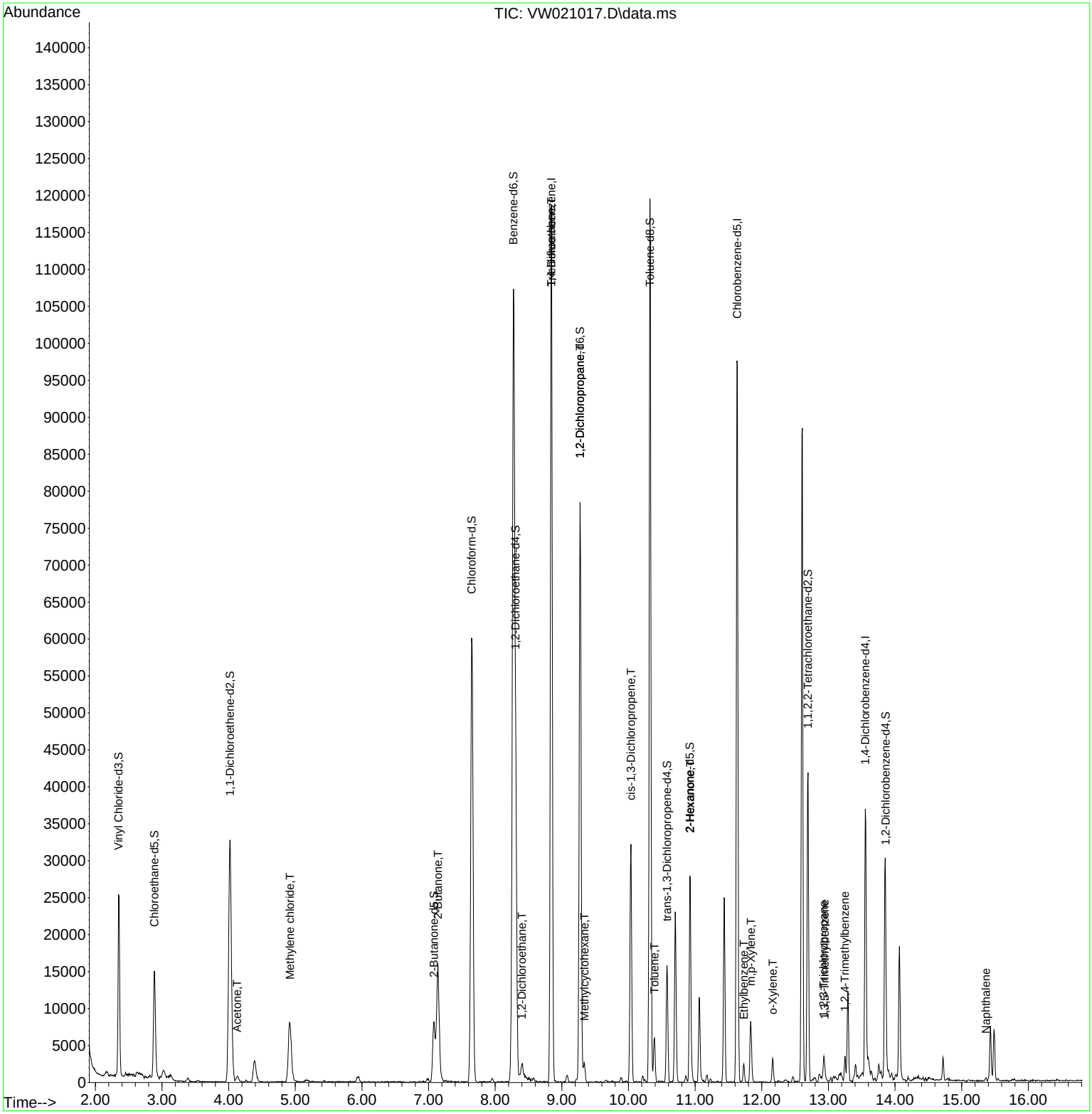
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

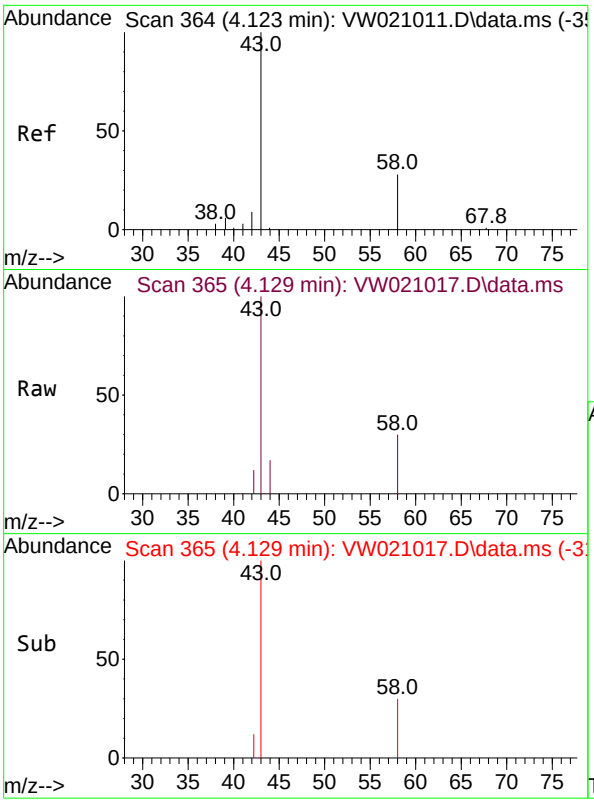
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021017.D
Acq On : 02 Dec 2021 02:16
Operator : SY/VA
Sample : M4881-05
Misc : 4.62g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 02 07:29:46 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



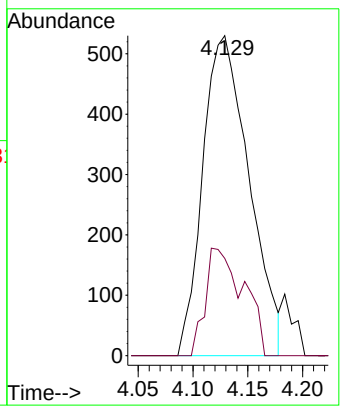


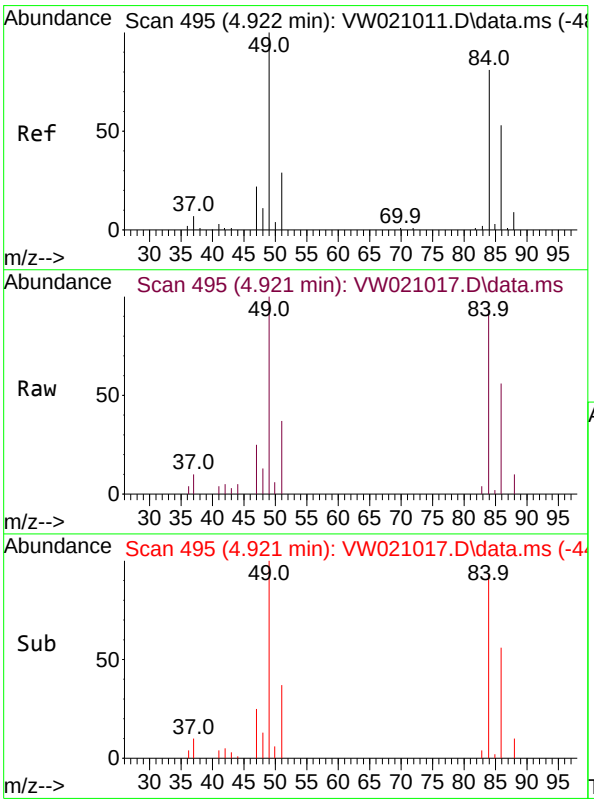
#13
Acetone
Concen: 6.127 ug/L
RT: 4.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1557

Ion	Ratio	Lower	Upper
43	100		
58	20.4	0.0	52.8

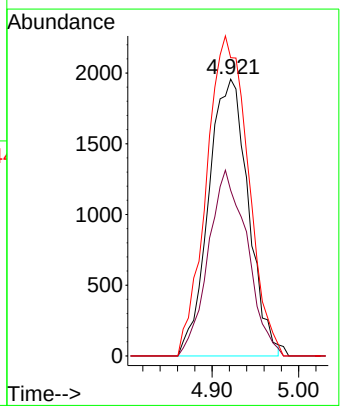


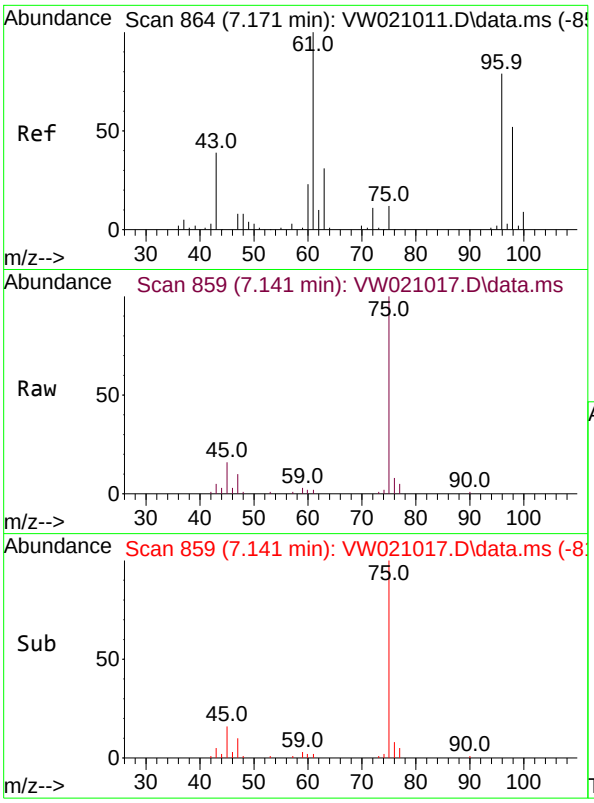


#16
Methylene chloride
Concen: 4.545 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion: 84 Resp: 6231

Ion	Ratio	Lower	Upper
84	100		
86	59.8	45.5	84.5
49	107.7	100.5	186.7



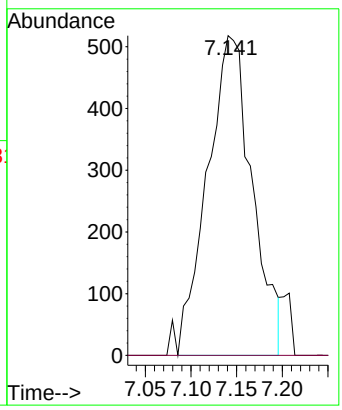


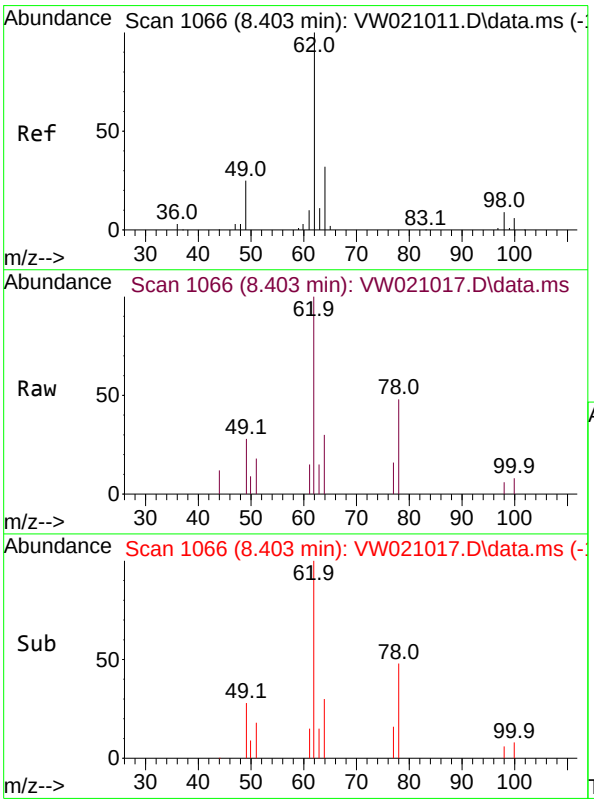
#22
2-Butanone
Concen: 5.130 ug/L
RT: 7.141 min Scan# 8
Delta R.T. -0.031 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1771

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.8	35.4#

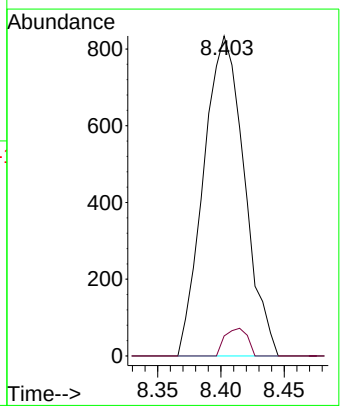


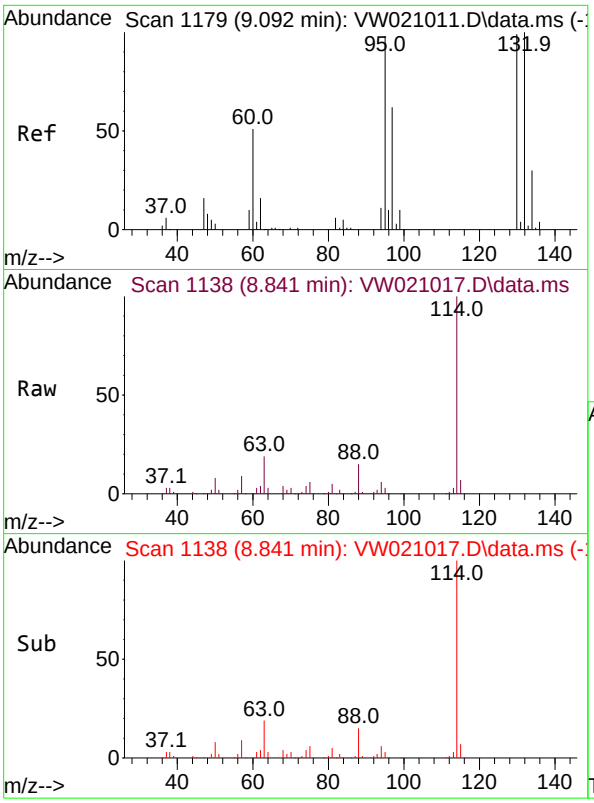


#27
1,2-Dichloroethane
Concen: 1.280 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion: 62 Resp: 1863

Ion	Ratio	Lower	Upper
62	100		
98	6.2	6.5	9.7#



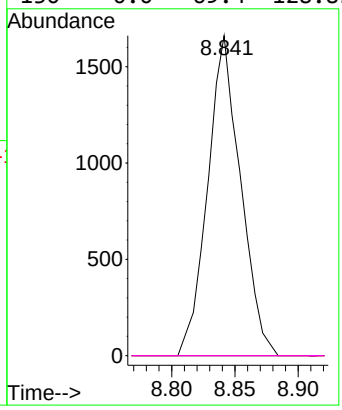


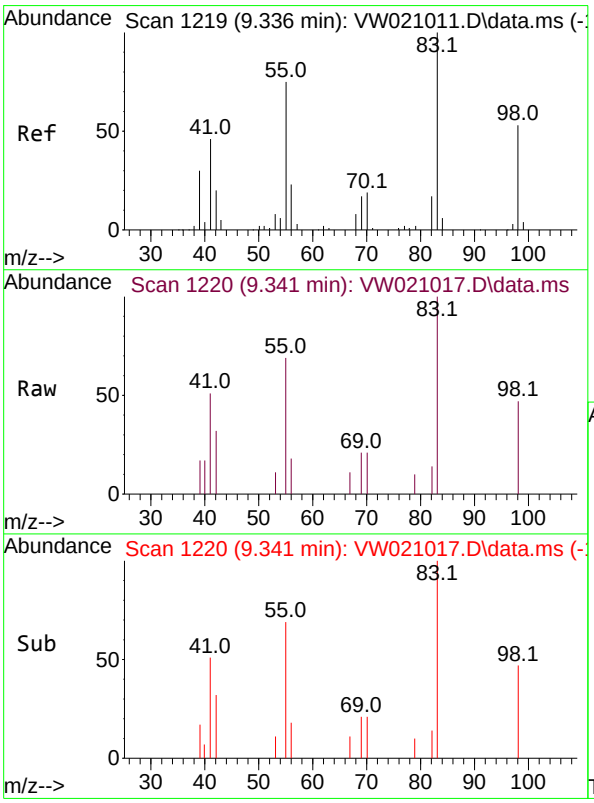
#34
Trichloroethene
Concen: 3.482 ug/L
RT: 8.841 min Scan# 11
Delta R.T. -0.250 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 3006

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#

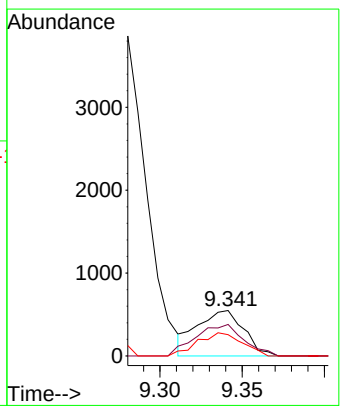


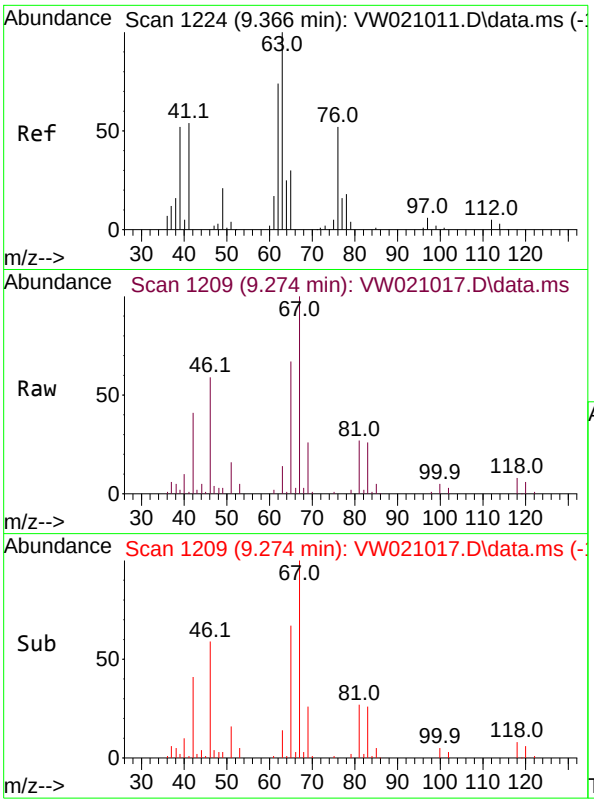


#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion: 83 Resp: 1082

Ion	Ratio	Lower	Upper
83	100		
55	71.8	70.8	106.2
98	48.7	37.7	56.5



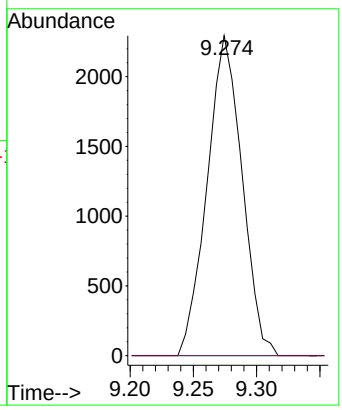


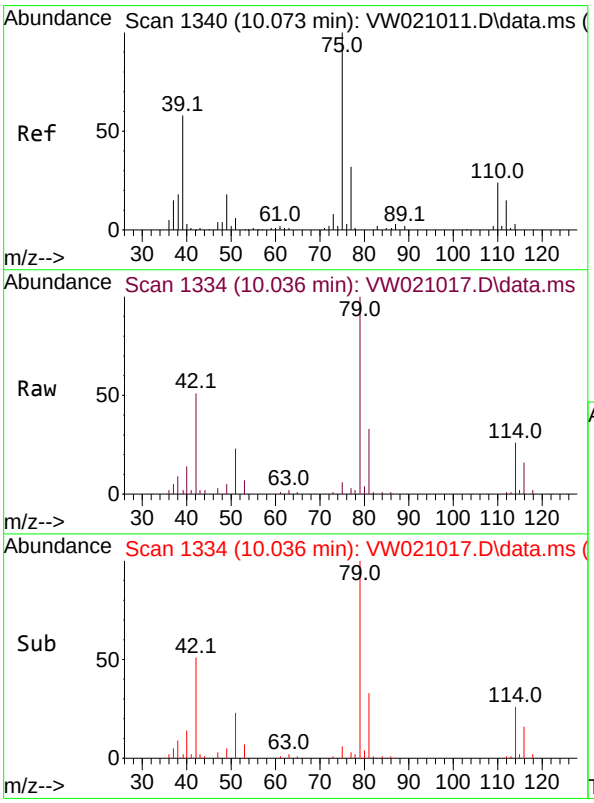
#37
1,2-Dichloropropane
Concen: 6.129 ug/L
RT: 9.274 min Scan# 1
Delta R.T. -0.092 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 4403

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

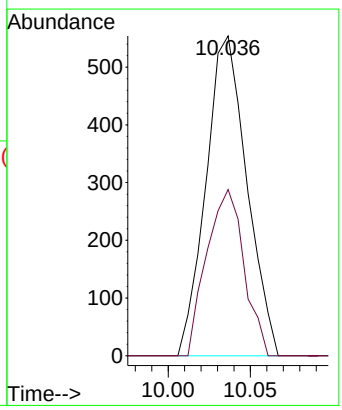


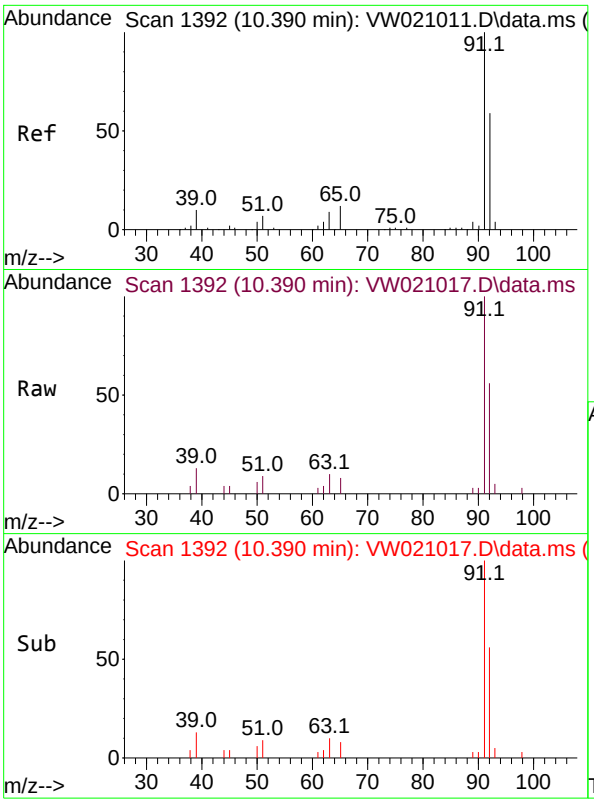


#39
cis-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion: 75 Resp: 957

Ion	Ratio	Lower	Upper
75	100		
77	52.0	21.8	40.6#



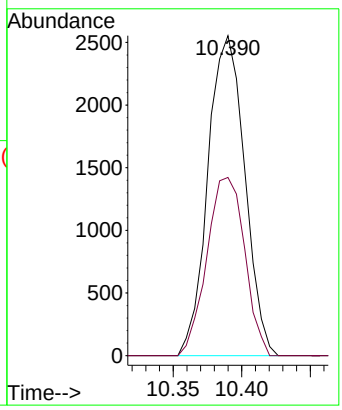


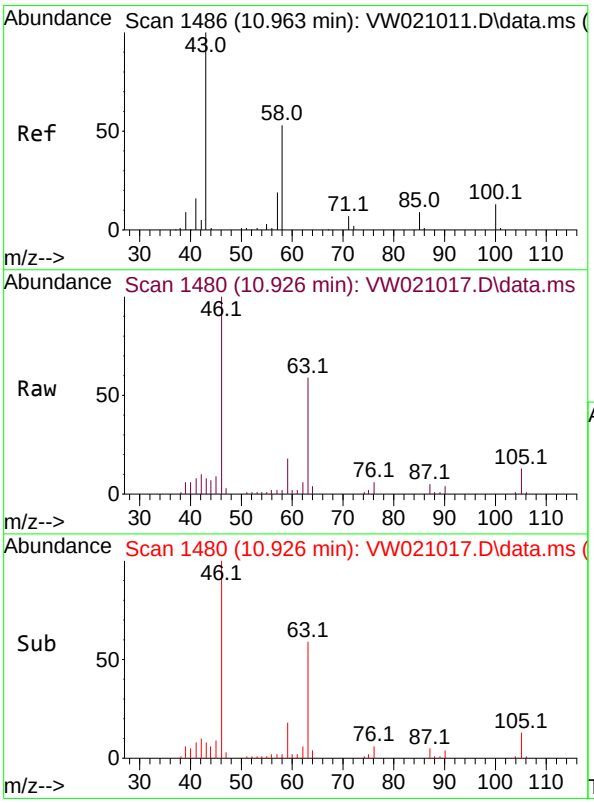
#42
Toluene
Concen: 1.375 ug/L
RT: 10.390 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 4775

Ion	Ratio	Lower	Upper
91	100		
92	55.7	41.7	77.5

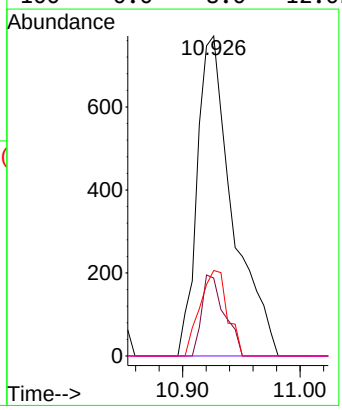


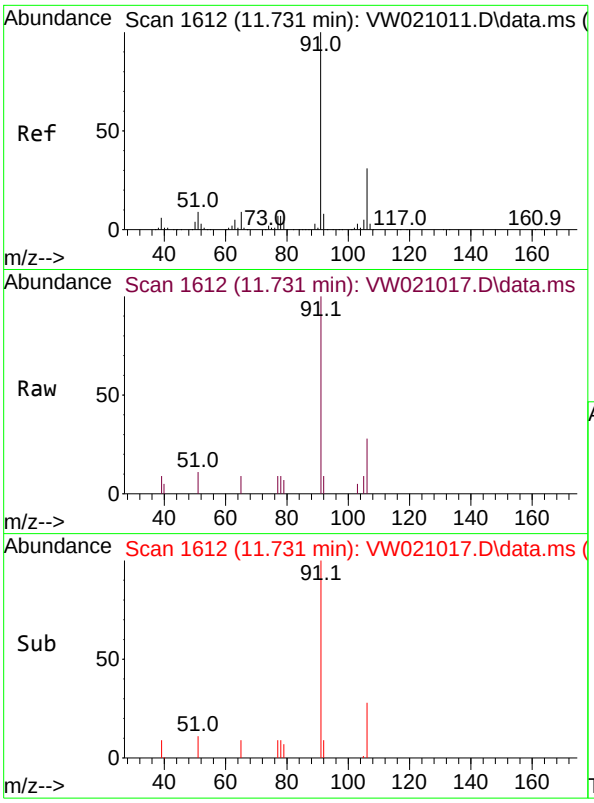


#48
2-Hexanone
Concen: 5.440 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion: 43 Resp: 1611

Ion	Ratio	Lower	Upper
43	100		
58	16.3	40.2	60.2#
57	20.8	14.3	21.5
100	0.0	8.0	12.0#



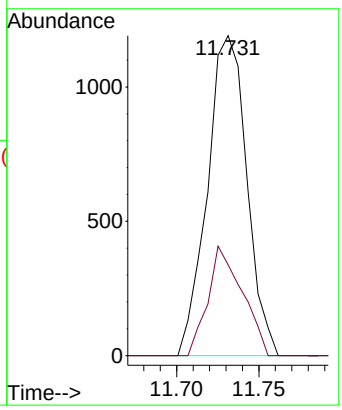


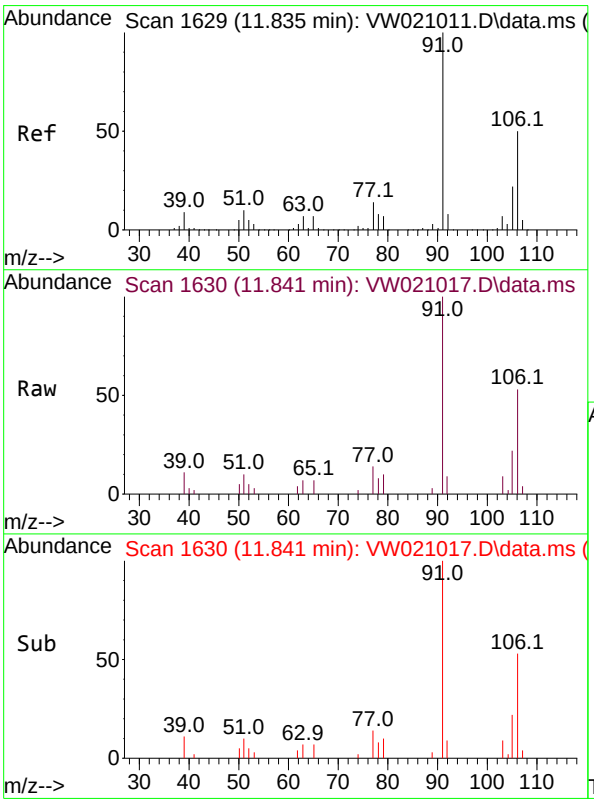
#52
Ethylbenzene
Concen: 0.515 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 1983

Ion	Ratio	Lower	Upper
91	100		
106	28.4	21.5	39.9

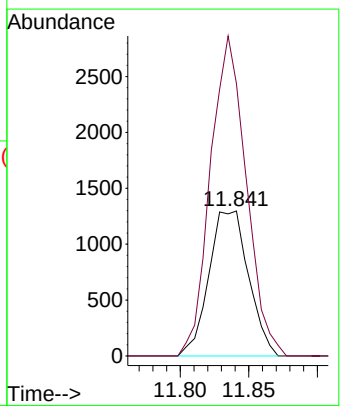


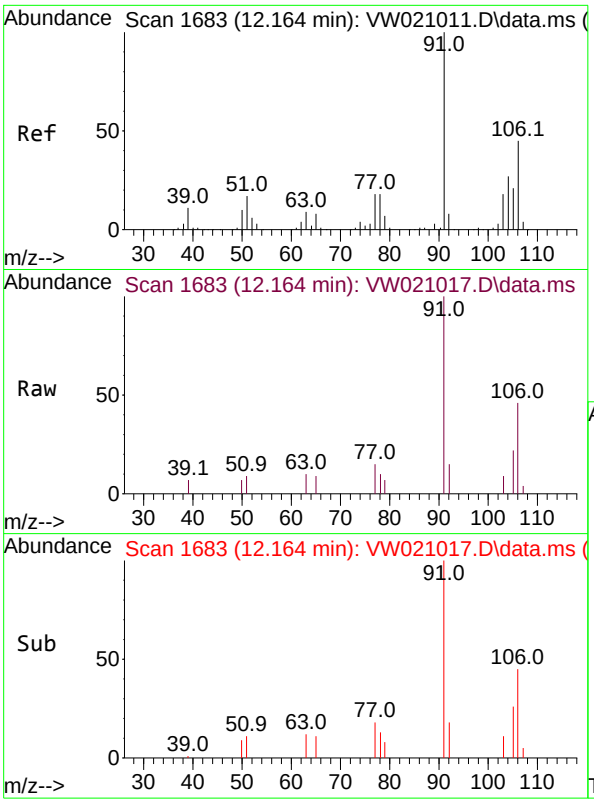


#53
m,p-Xylene
Concen: 1.666 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion:106 Resp: 2617

Ion	Ratio	Lower	Upper
106	100		
91	187.8	149.9	278.3



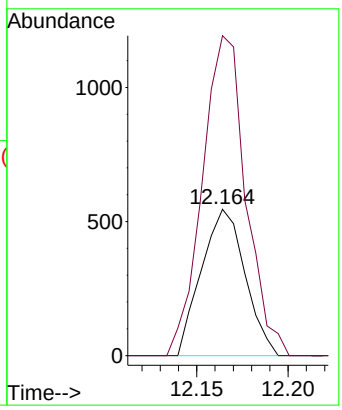


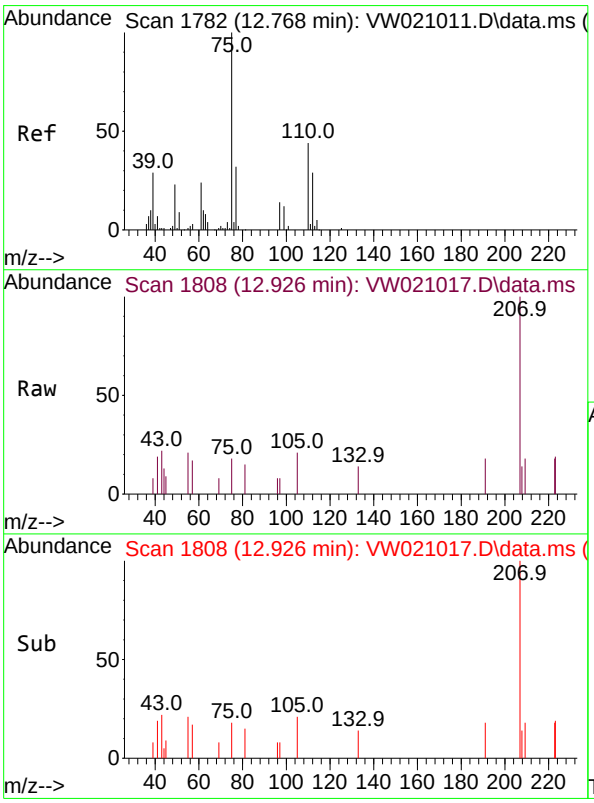
#54
o-Xylene
Concen: 0.601 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 906

Ion	Ratio	Lower	Upper
106	100		
91	218.5	153.6	285.3

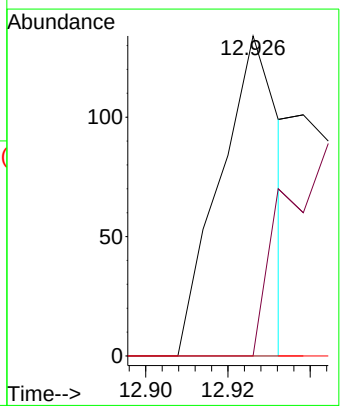


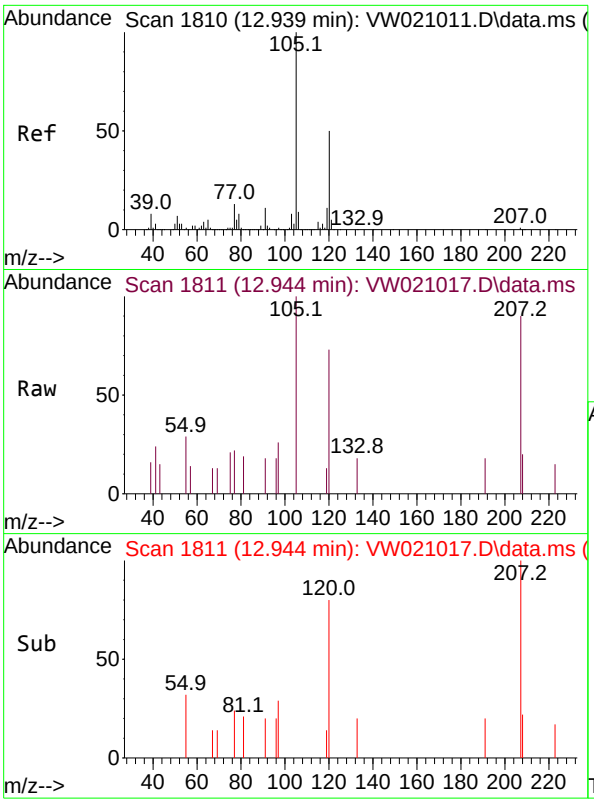


#61
1,2,3-Trichloropropane
Concen: 0.937 ug/L
RT: 12.926 min Scan# 1808
Delta R.T. 0.158 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion: 75 Resp: 135

Ion	Ratio	Lower	Upper
75	100		
77	84.4	25.8	38.8#
110	0.0	29.0	43.4#



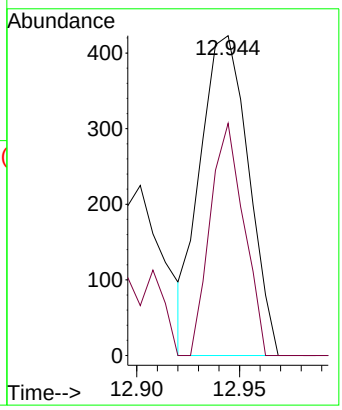


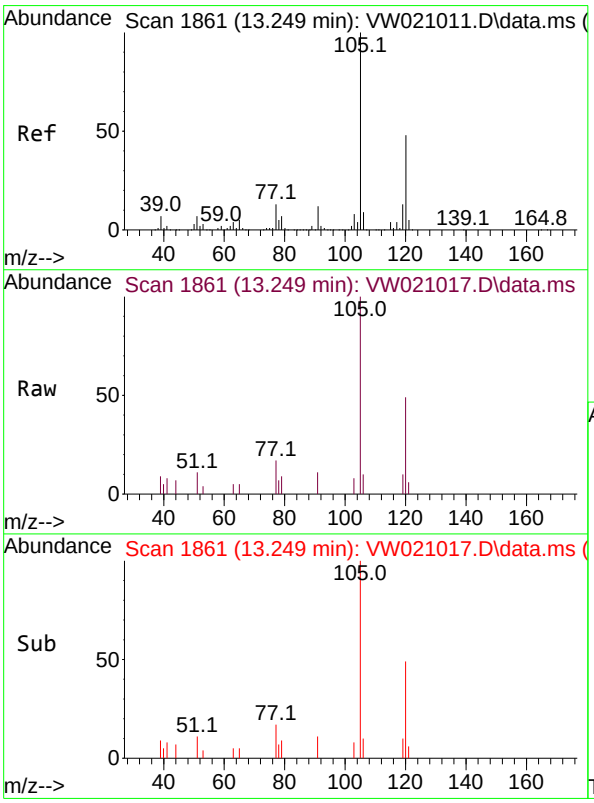
#62
1,3,5-Trimethylbenzene
Concen: 0.613 ug/L
RT: 12.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 692

Ion	Ratio	Lower	Upper
105	100		
120	50.6	37.4	56.2

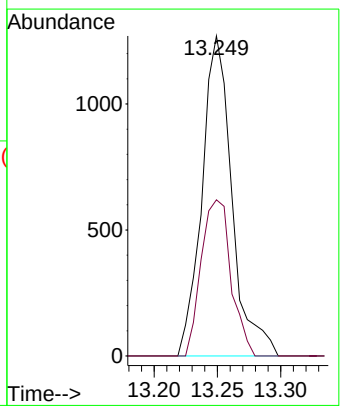


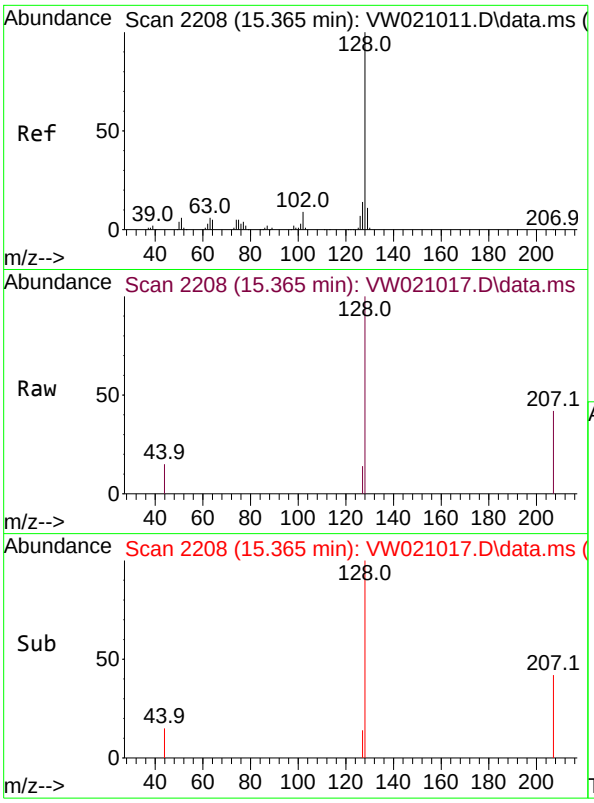


#63
1,2,4-Trimethylbenzene
Concen: 1.883 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion:105 Resp: 2097

Ion	Ratio	Lower	Upper
105	100		
120	48.5	35.0	52.6





#71
Naphthalene
Concen: 0.875 ug/L
RT: 15.365 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 580

Ion	Ratio	Lower	Upper
128	100		
127	6.7	10.7	16.1#
129	0.0	8.6	12.8#