Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022019.D
Acq On : 01 Feb 2022 22:20
Operator : SY/VA
Sample : N1353-08
Misc : 4.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Quant Time: Feb 02 01:17:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149873	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	127852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	54980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41126	22.781	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.120%			
7) Chloroethane-d5	2.885	69	27073	19.480	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.920%			
11) 1,1-Dichloroethene-d2	4.019	63	52385	16.424	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.680%			
21) 2-Butanone-d5	7.080	46	17453	54.506	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.020%			
24) Chloroform-d	7.653	84	73075	20.957	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.840%			
26) 1,2-Dichloroethane-d4	8.305	65	40874	23.561	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.240%			
32) Benzene-d6	8.275	84	149702	23.170	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.680%			
36) 1,2-Dichloropropane-d6	9.274	67	40516	23.055	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.200%			
41) Toluene-d8	10.323	98	143346	22.386	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.560%			
43) trans-1,3-Dichloroprop...	10.579	79	15927	20.693	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.760%			
47) 2-Hexanone-d5	10.927	63	15781	61.765	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.520%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	35179	24.544	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.160%			
66) 1,2-Dichlorobenzene-d4	13.853	152	43180	21.771	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.080%			
Target Compounds						Qvalue
13) Acetone	4.135	43	39213	131.126	ug/L	100
15) Methyl Acetate	4.678	43	1284	2.348	ug/L #	83
34) Trichloroethene	8.842	95	4410	2.314	ug/L #	1
37) 1,2-Dichloropropane	9.274	63	4956	3.366	ug/L #	82
40) 4-Methyl-2-pentanone	10.207	43	30827	42.676	ug/L	98
42) Toluene	10.390	91	30984	4.078	ug/L	97
45) 1,1,2-Trichloroethane	10.762	97	1896	1.515	ug/L #	24
52) Ethylbenzene	11.731	91	115489	13.775	ug/L	99
53) m,p-Xylene	11.835	106	222490	63.963	ug/L	94
54) o-Xylene	12.164	106	110923	34.089	ug/L	96
55) Styrene	12.164	104	6064	1.154	ug/L #	1
60) Isopropylbenzene	12.463	105	6818	0.949	ug/L #	97
62) 1,3,5-Trimethylbenzene	12.938	105	29443	6.180	ug/L	95
63) 1,2,4-Trimethylbenzene	13.243	105	56779	9.782	ug/L	99
71) Naphthalene	15.359	128	16710	5.211	ug/L	98

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

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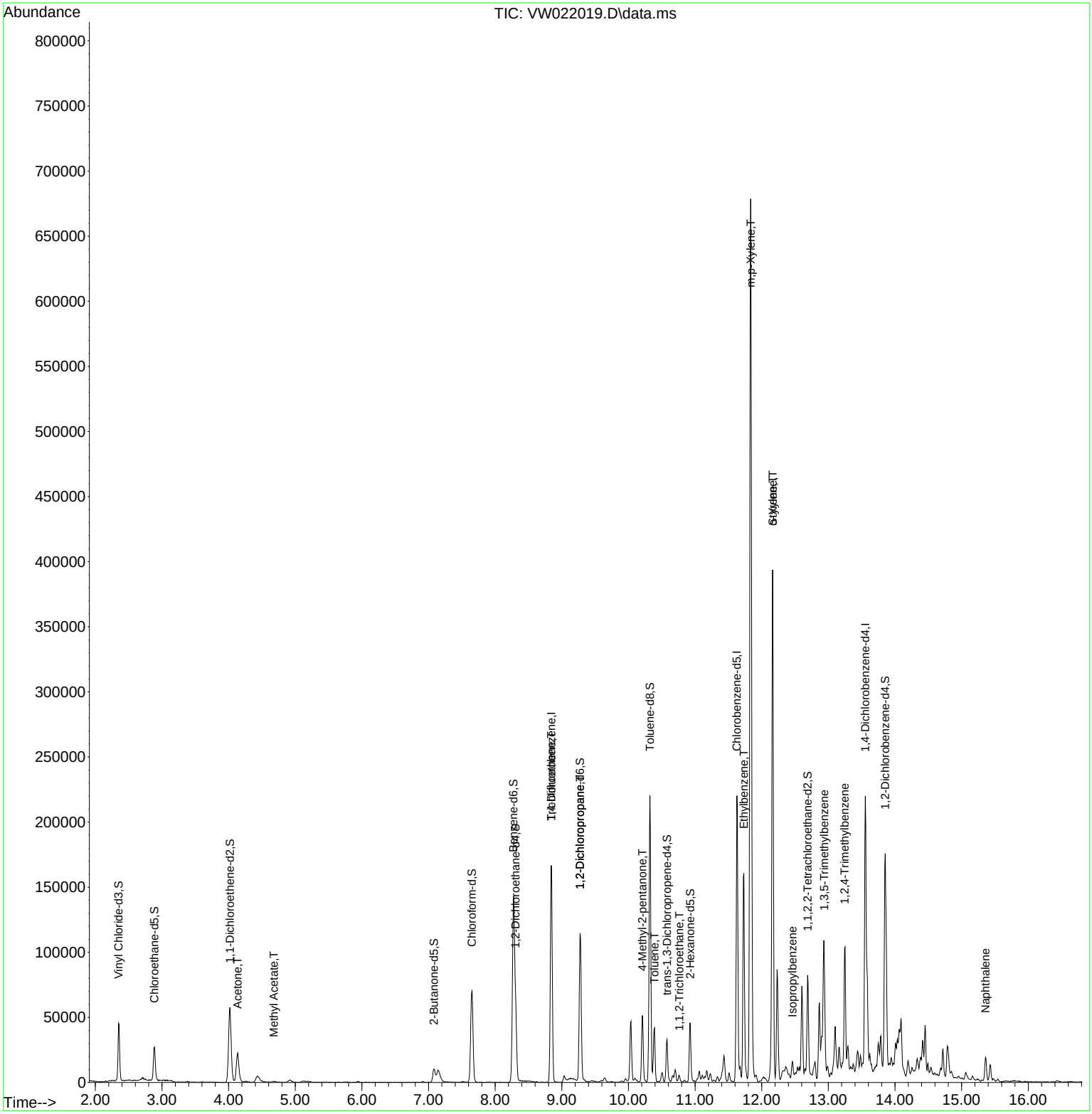
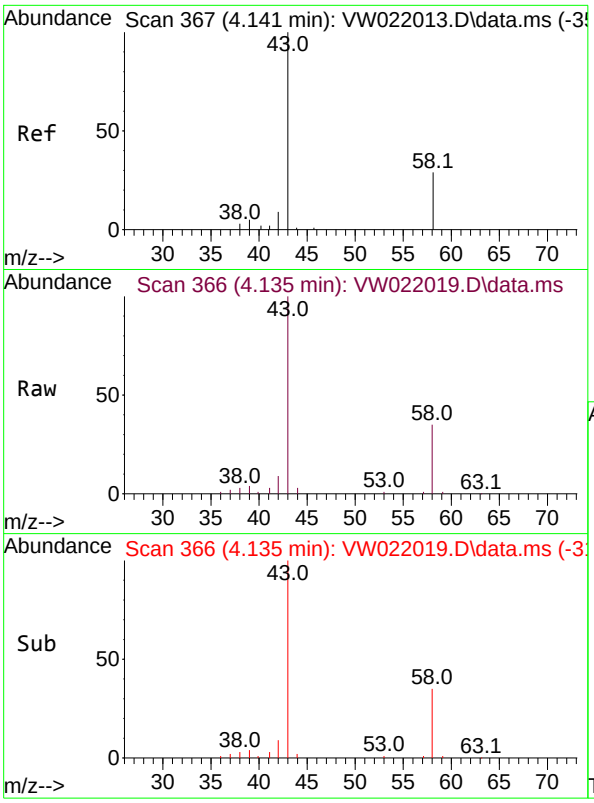
Quant Time: Feb 02 01:17:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
Response via : Initial Calibration



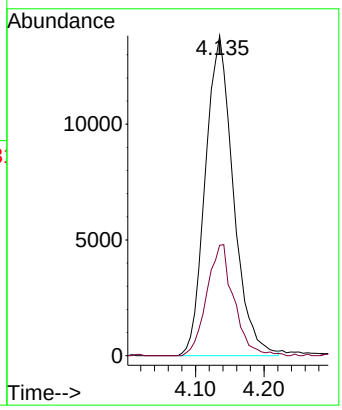


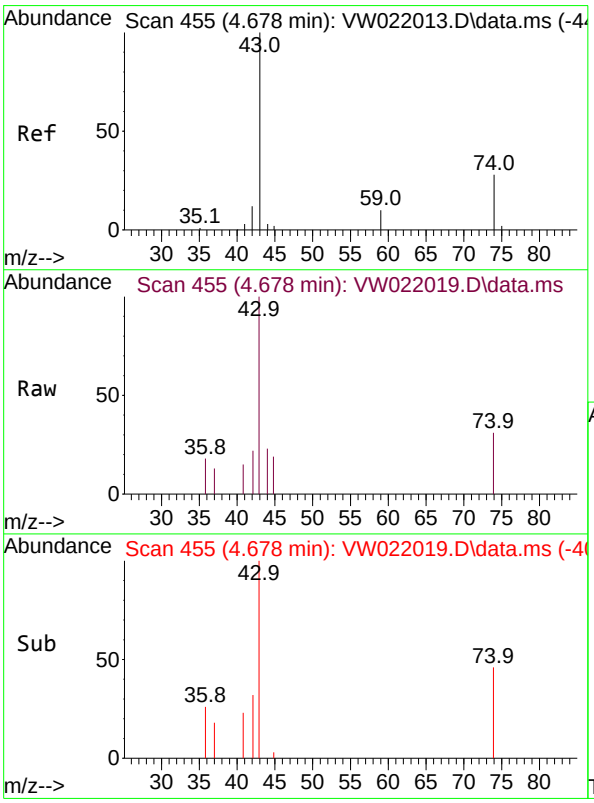
#13
Acetone
Concen: 131.126 ug/L
RT: 4.135 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Tgt Ion: 43 Resp: 39213

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	66.0

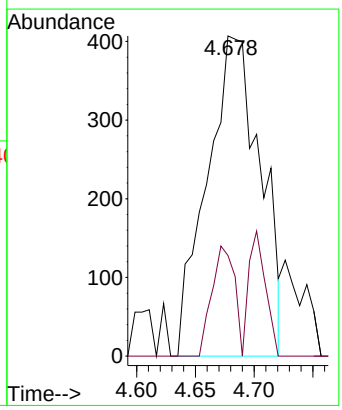


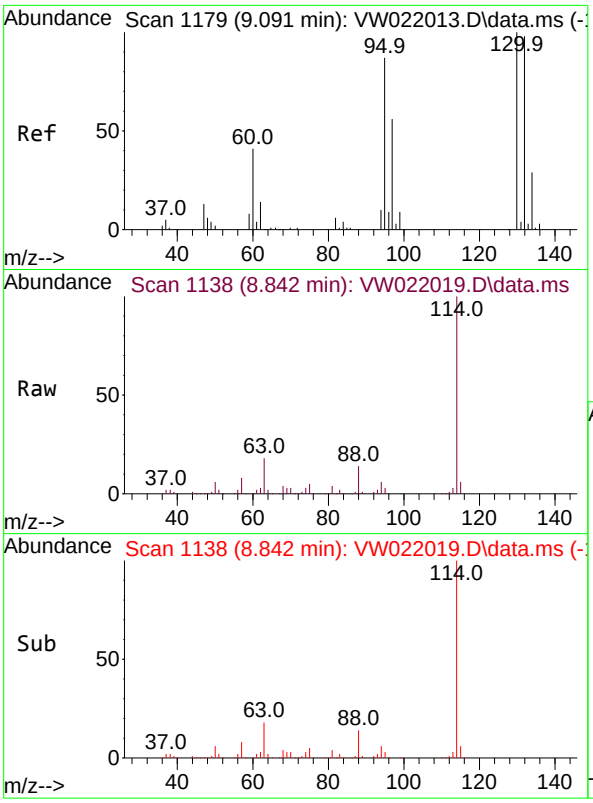


#15
Methyl Acetate
Concen: 2.348 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Tgt Ion: 43 Resp: 1284

Ion	Ratio	Lower	Upper
43	100		
74	14.6	18.0	27.0#



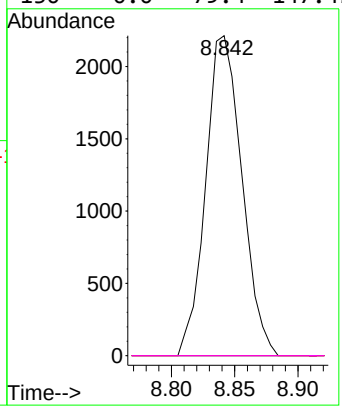


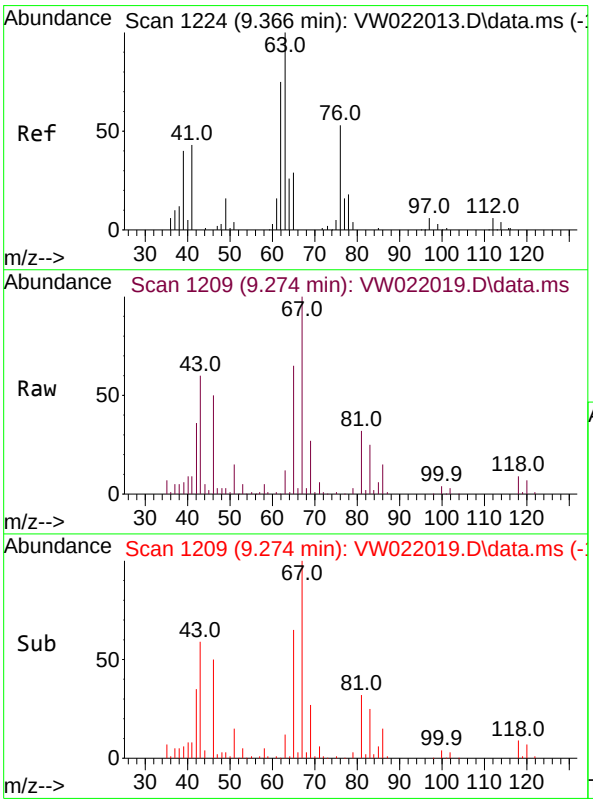
#34
Trichloroethene
Concen: 2.314 ug/L
RT: 8.842 min Scan# 11
Delta R.T. -0.250 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Tgt Ion: 95 Resp: 4410

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.7#
132	0.0	76.1	141.3#
130	0.0	79.4	147.4#

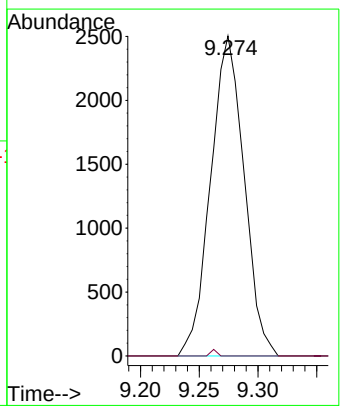


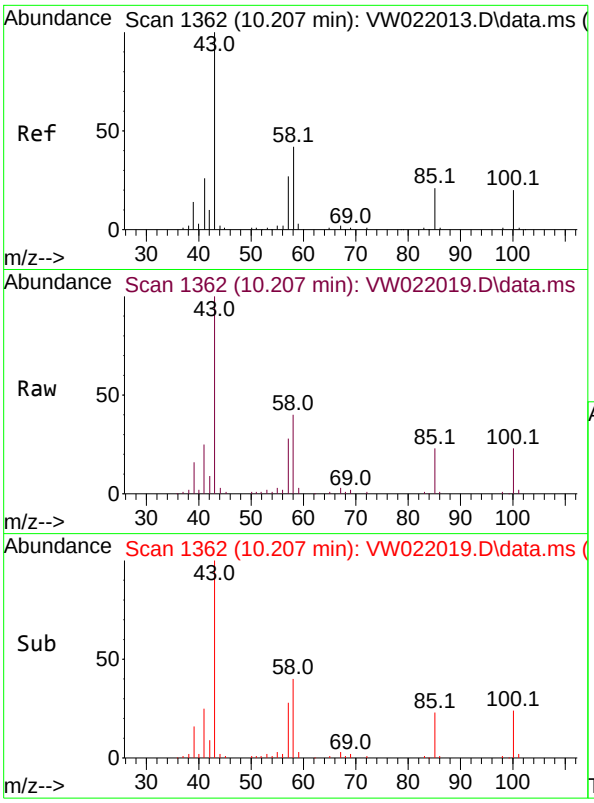


#37
1,2-Dichloropropane
Concen: 3.366 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Tgt Ion: 63 Resp: 4956

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#



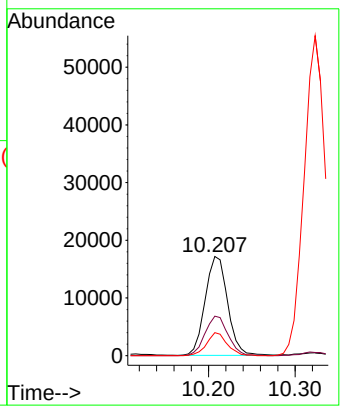


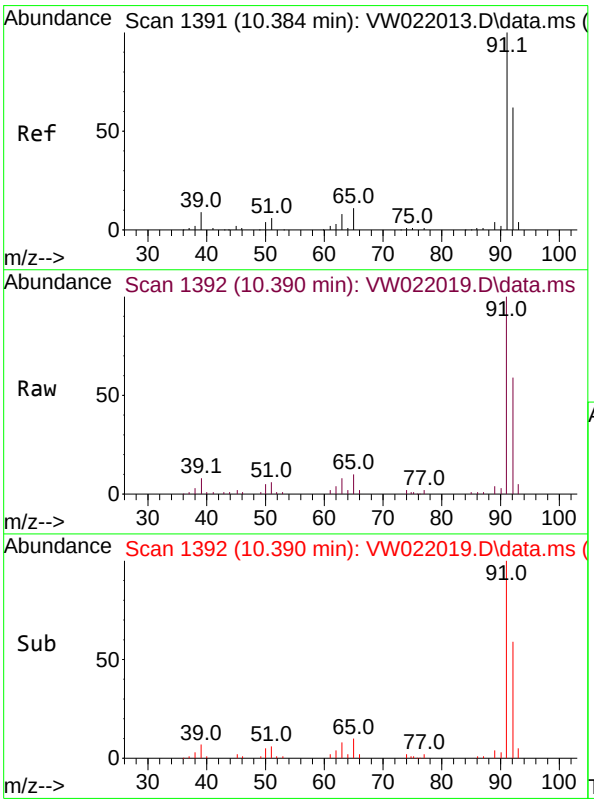
#40
4-Methyl-2-pentanone
Concen: 42.676 ug/L
RT: 10.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Tgt Ion: 43 Resp: 30827

Ion	Ratio	Lower	Upper
43	100		
58	40.8	34.4	51.6
100	21.3	17.0	25.4

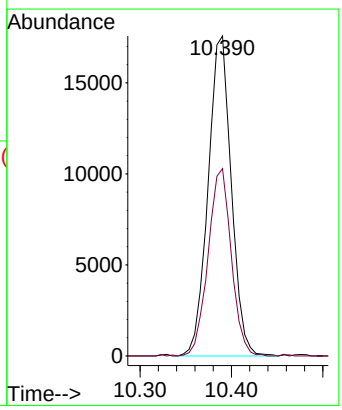


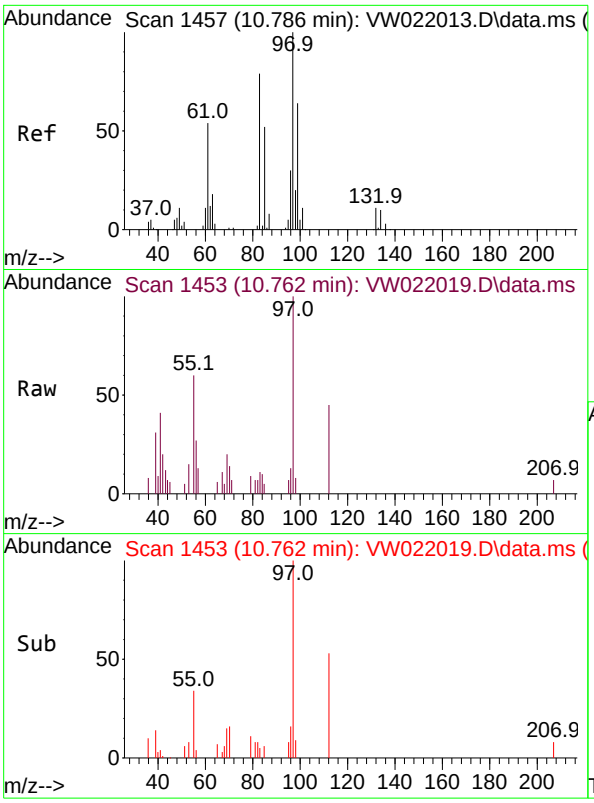


#42
Toluene
Concen: 4.078 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Tgt Ion: 91 Resp: 30984

Ion	Ratio	Lower	Upper
91	100		
92	58.6	42.6	79.2



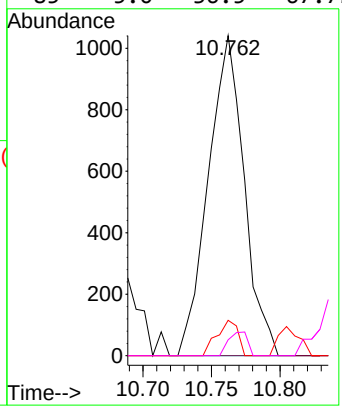


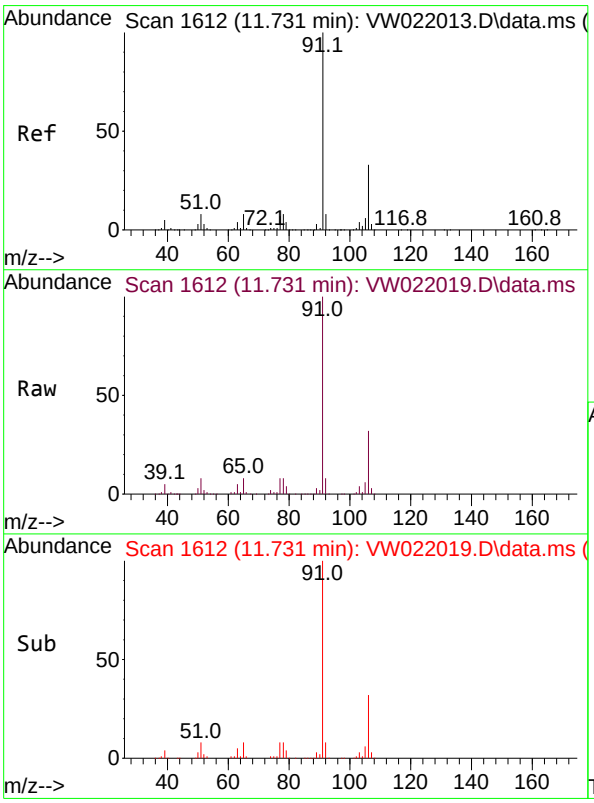
#45
1,1,2-Trichloroethane
Concen: 1.515 ug/L
RT: 10.762 min Scan# 14
Delta R.T. -0.024 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Tgt Ion: 97 Resp: 1896

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.4#
83	11.0	56.1	104.3#
85	5.0	36.5	67.7#

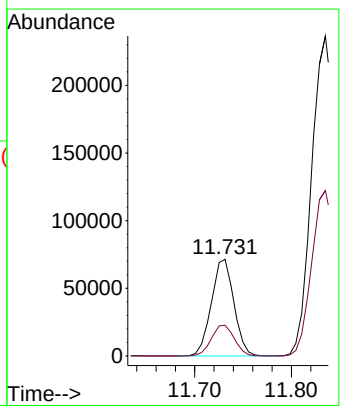


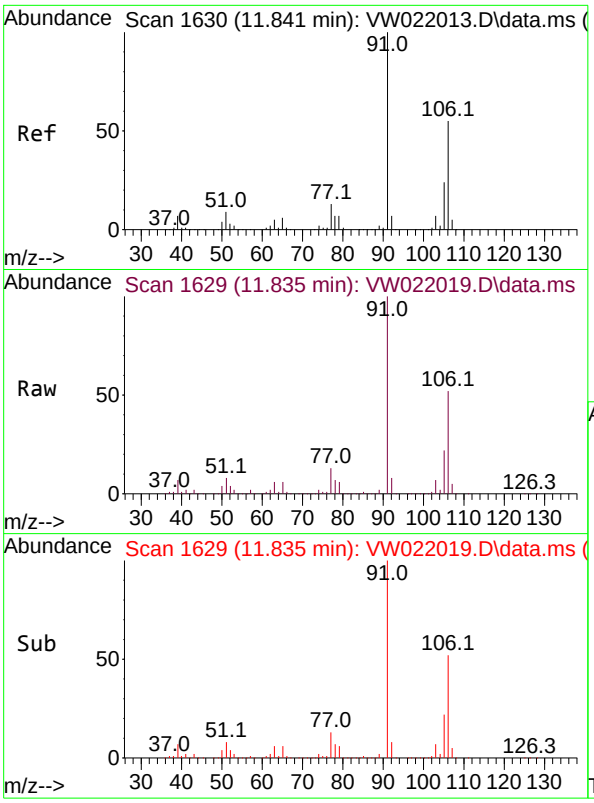


#52
Ethylbenzene
Concen: 13.775 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Tgt Ion: 91 Resp: 115489

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.8	42.4



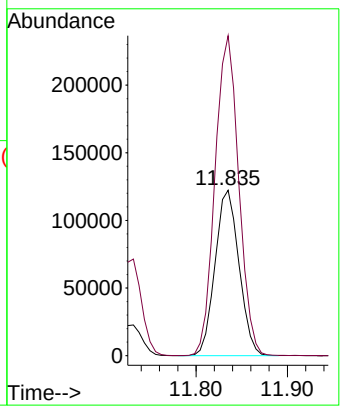


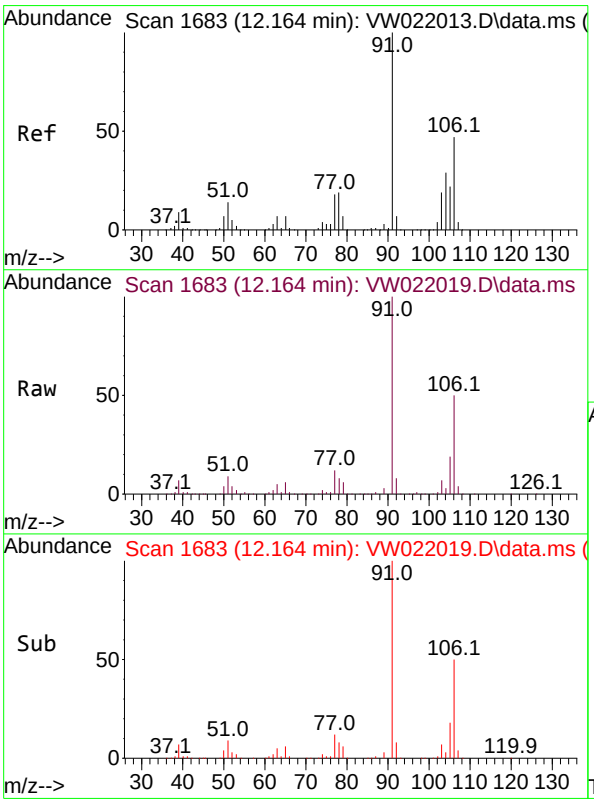
#53
m,p-Xylene
Concen: 63.963 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Tgt Ion:106 Resp: 222490

Ion	Ratio	Lower	Upper
106	100		
91	193.4	129.6	240.8

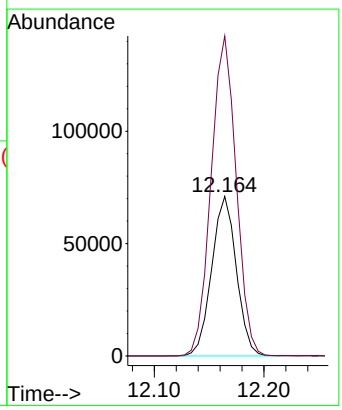


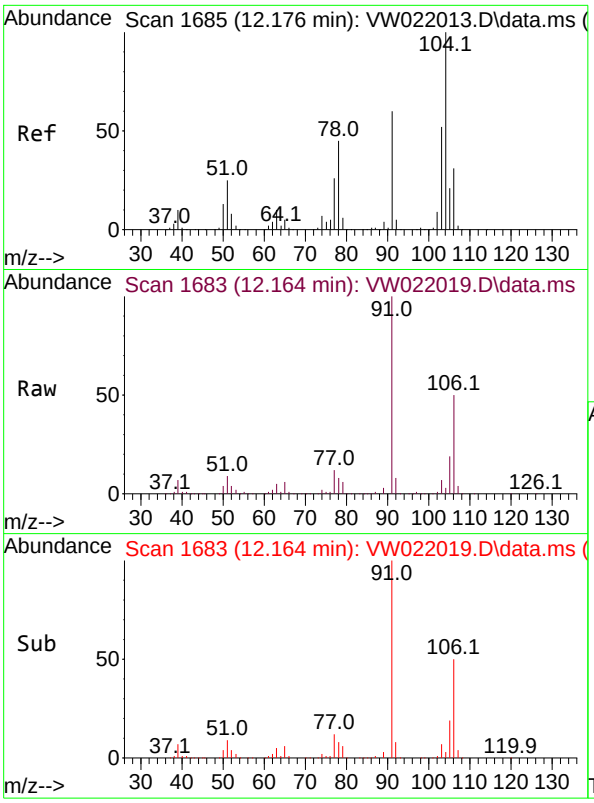


#54
o-Xylene
Concen: 34.089 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Tgt Ion:106 Resp: 110923

Ion	Ratio	Lower	Upper
106	100		
91	200.6	136.4	253.4



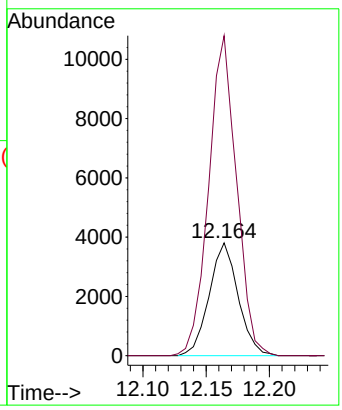


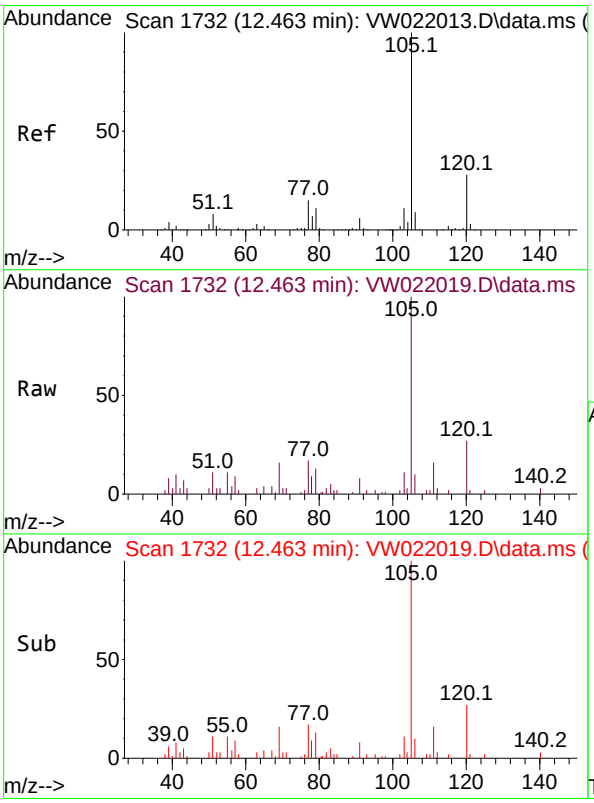
#55
Styrene
Concen: 1.154 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Tgt Ion:104 Resp: 6064

Ion	Ratio	Lower	Upper
104	100		
78	283.7	30.9	57.5#

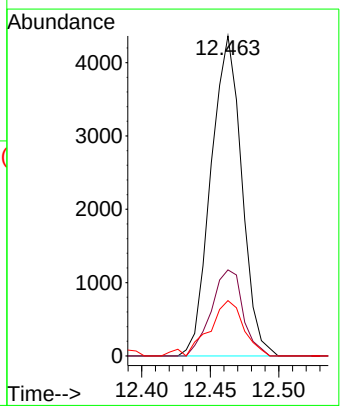


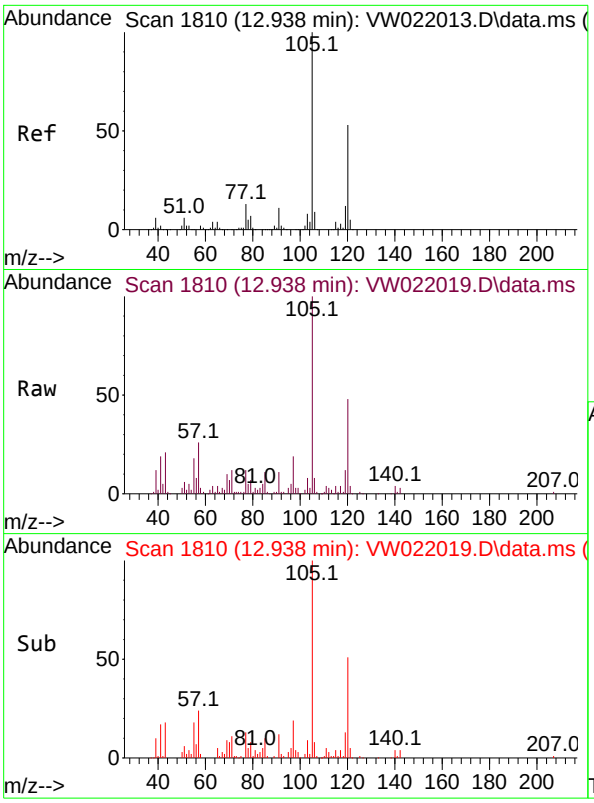


#60
Isopropylbenzene
Concen: 0.949 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Tgt Ion:105 Resp: 6818

Ion	Ratio	Lower	Upper
105	100		
120	27.7	22.1	33.1
77	18.7	11.8	17.8#



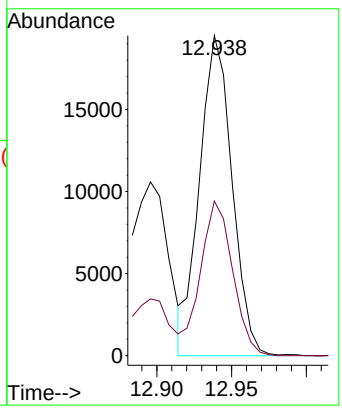


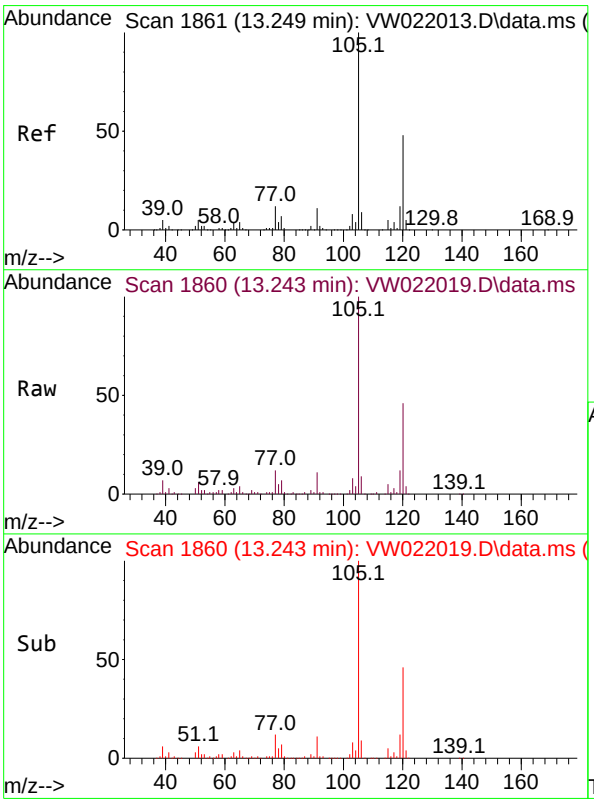
#62
1,3,5-Trimethylbenzene
Concen: 6.180 ug/L
RT: 12.938 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Tgt Ion:105 Resp: 29443

Ion	Ratio	Lower	Upper
105	100		
120	48.0	40.9	61.3

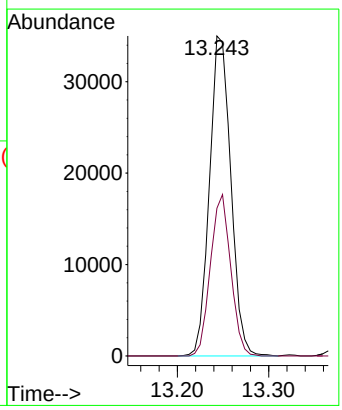


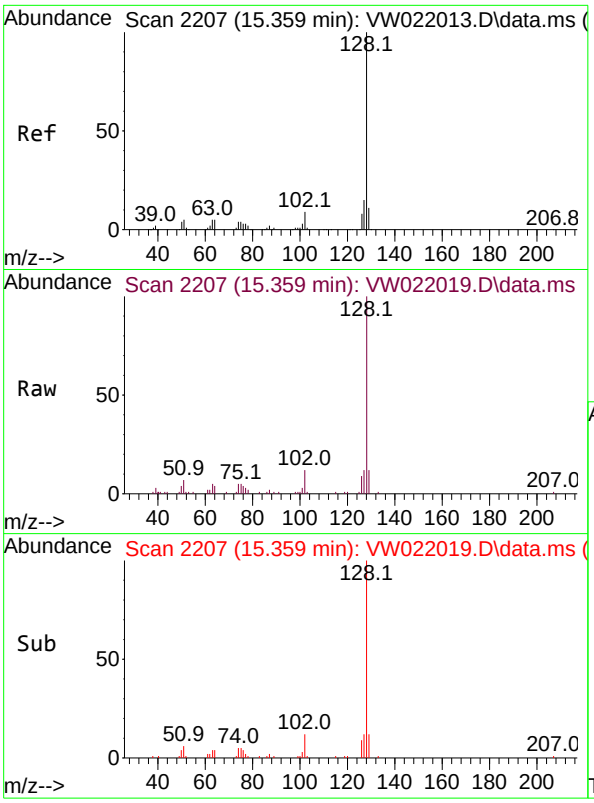


#63
1,2,4-Trimethylbenzene
Concen: 9.782 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Tgt Ion:105 Resp: 56779

Ion	Ratio	Lower	Upper
105	100		
120	47.9	37.8	56.8





#71
Naphthalene
Concen: 5.211 ug/L
RT: 15.359 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW022019.D
Acq: 01 Feb 2022 22:20

Instrument :
MSVOA_W
ClientSampleId :
C0VF1

Tgt Ion:128 Resp: 16710

Ion	Ratio	Lower	Upper
128	100		
127	14.4	11.0	16.4
129	11.6	8.7	13.1