Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
Data File : VW021641.D
Acq On : 25 Dec 2021 13:20
Operator : SY/VA
Sample : M5174-03RE
Misc : 5.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 27 00:40:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	85318	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	58962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	17782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27176	17.489	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.960%			
7) Chloroethane-d5	2.879	69	20962	20.406	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.640%			
11) 1,1-Dichloroethene-d2	4.013	63	30546	14.745	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.000%			
21) 2-Butanone-d5	7.080	46	15318	69.935	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.860%#			
24) Chloroform-d	7.647	84	56933	23.945	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	8.305	65	32830	25.958	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.840%			
32) Benzene-d6	8.275	84	96465	29.848	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 119.400%			
36) 1,2-Dichloropropane-d6	9.274	67	29174	33.659	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 134.640%#			
41) Toluene-d8	10.323	98	76372	23.128	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.520%			
43) trans-1,3-Dichloroprop...	10.579	79	10472	26.239	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.960%			
47) 2-Hexanone-d5	10.926	63	12216	95.311	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 190.620%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20300	27.245	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	13547	19.658	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 78.640%			
Target Compounds						Qvalue
13) Acetone	4.135	43	3541	18.033	ug/L	92
14) Carbon disulfide	4.379	76	4598	1.684	ug/L	98
22) 2-Butanone	7.183	43	905	3.529	ug/L	90
29) Cyclohexane	7.951	56	3261	2.779	ug/L #	85
33) Benzene	8.323	78	4505	1.403	ug/L	100
34) Trichloroethene	8.841	95	2543	2.820	ug/L #	5
35) Methylcyclohexane	9.335	83	10525	7.076	ug/L	90
39) cis-1,3-Dichloropropene	10.036	75	1082	0.958	ug/L #	65
42) Toluene	10.390	91	11770	3.133	ug/L	98
45) 1,1,2-Trichloroethane	10.756	97	1339	2.283	ug/L #	19
46) Tetrachloroethene	10.866	164	918	1.072	ug/L	94
48) 2-Hexanone	10.926	43	2236	7.898	ug/L #	62
49) Dibromochloromethane	10.866	129	803	1.111	ug/L #	10
52) Ethylbenzene	11.731	91	8859	2.064	ug/L	94
53) m,p-Xylene	11.835	106	12093	6.983	ug/L	100
54) o-Xylene	12.164	106	11606	7.062	ug/L	91
60) Isopropylbenzene	12.463	105	5450	2.256	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	30394	14.782	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	59333	29.253	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
Data File : VW021641.D
Acq On : 25 Dec 2021 13:20
Operator : SY/VA
Sample : M5174-03RE
Misc : 5.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 27 00:40:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

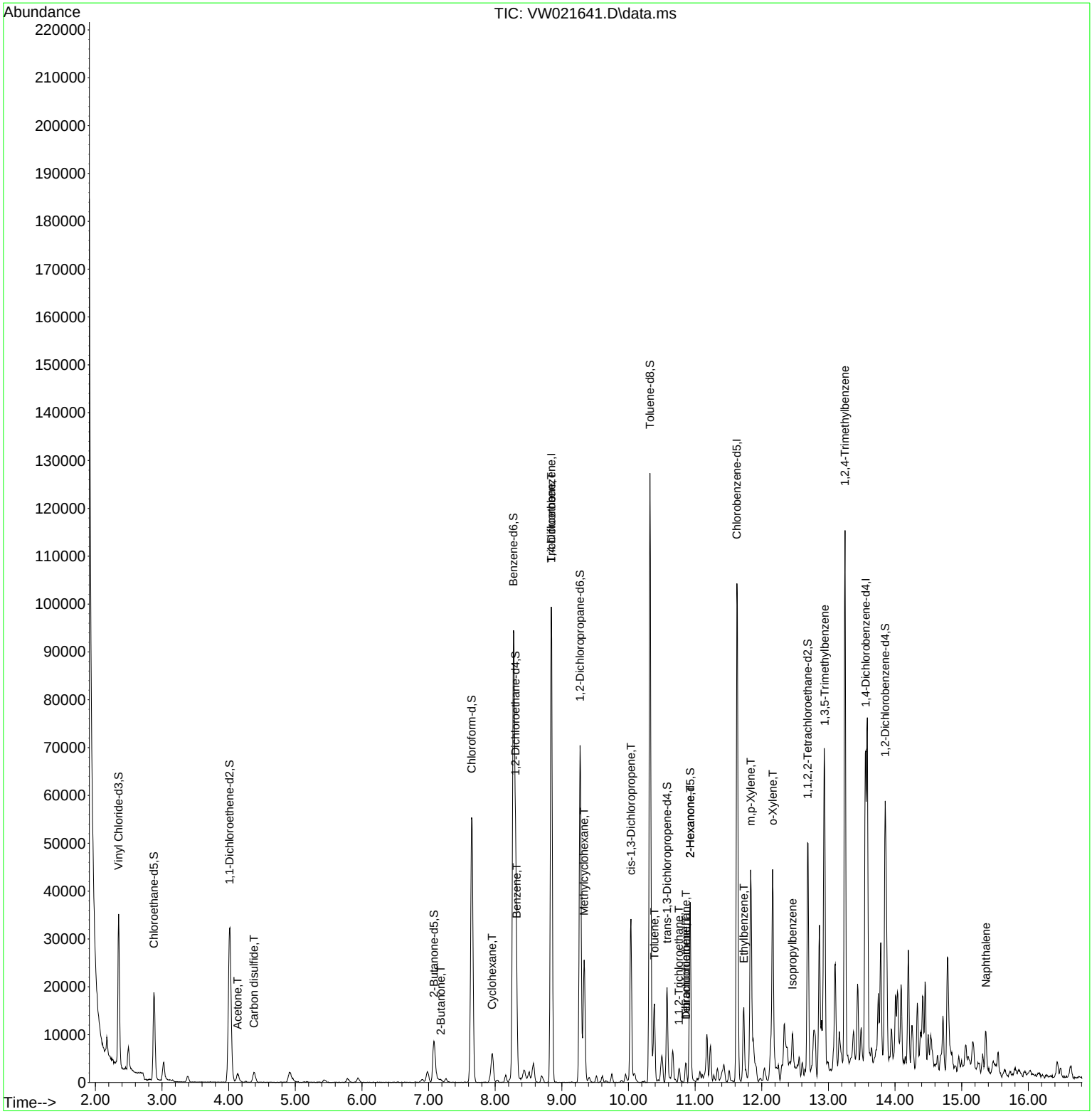
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	15.365	128	8450	7.591	ug/L #	94

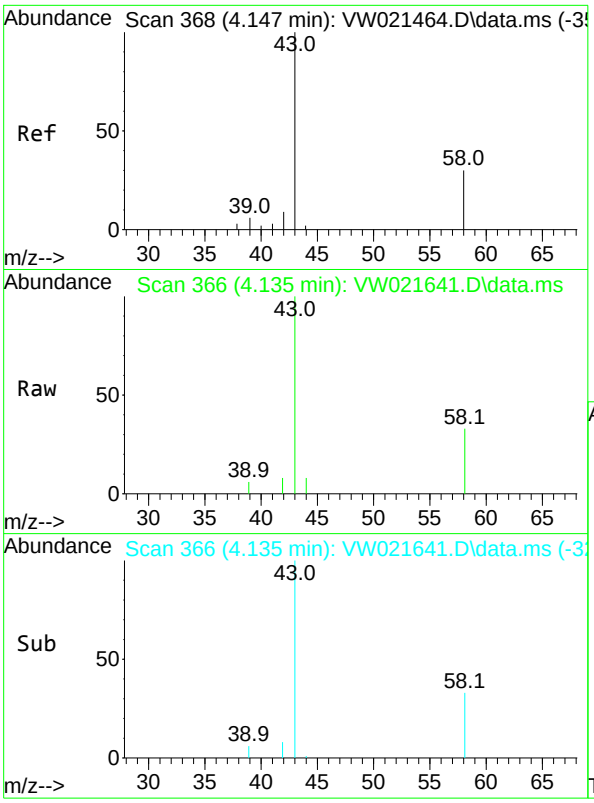
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
Data File : VW021641.D
Acq On : 25 Dec 2021 13:20
Operator : SY/VA
Sample : M5174-03RE
Misc : 5.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 27 00:40:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration



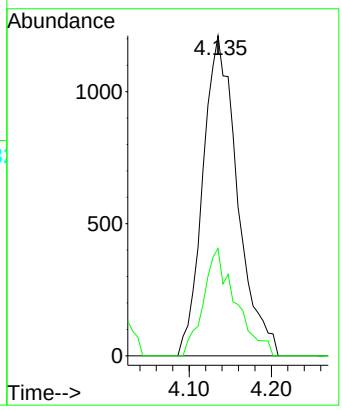


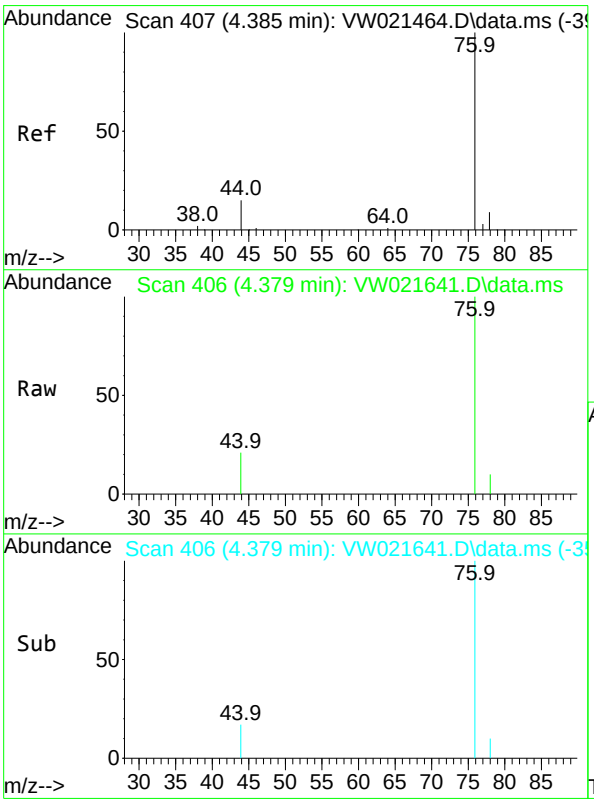
#13
Acetone
Concen: 18.033 ug/L
RT: 4.135 min Scan# 3
Delta R.T. -0.024 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 3541

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	52.8

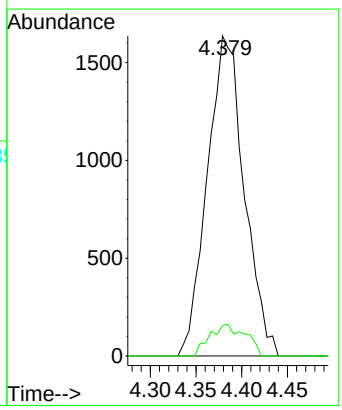


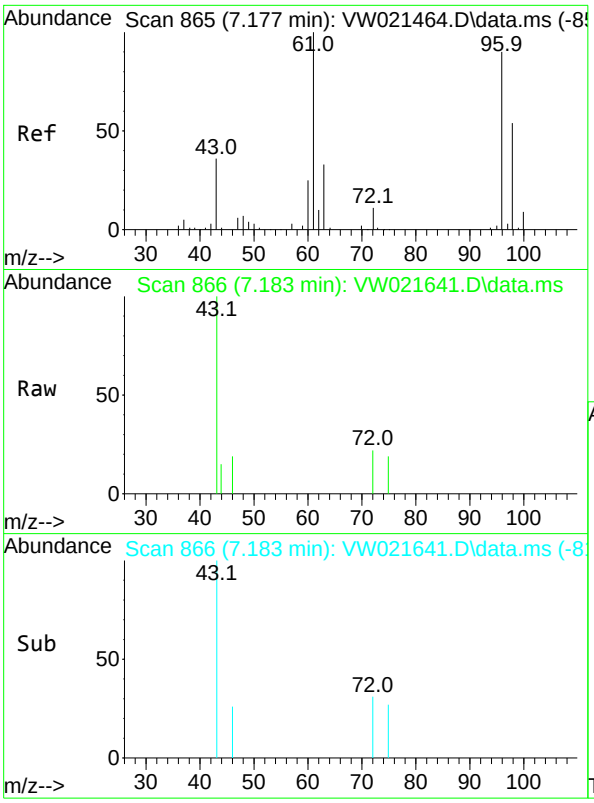


#14
Carbon disulfide
Concen: 1.684 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 76 Resp: 4598

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7



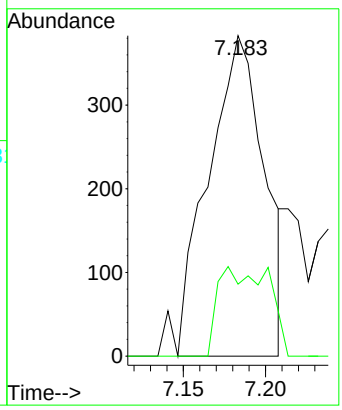


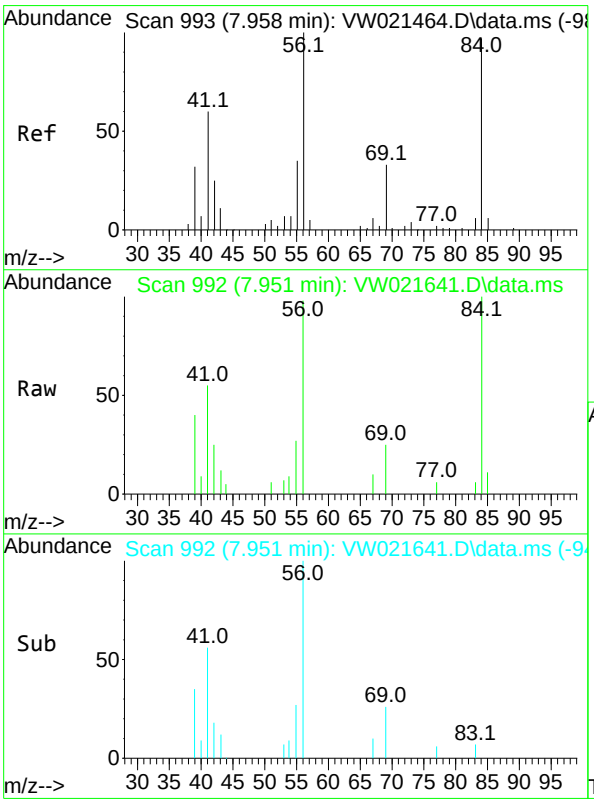
#22
2-Butanone
Concen: 3.529 ug/L
RT: 7.183 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 905

Ion	Ratio	Lower	Upper
43	100		
72	18.7	11.8	35.4

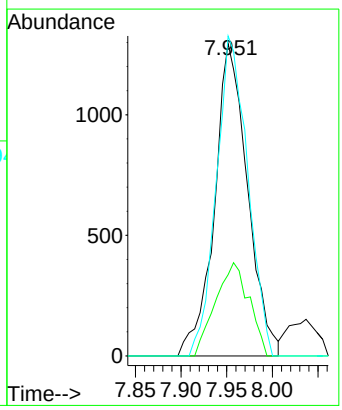


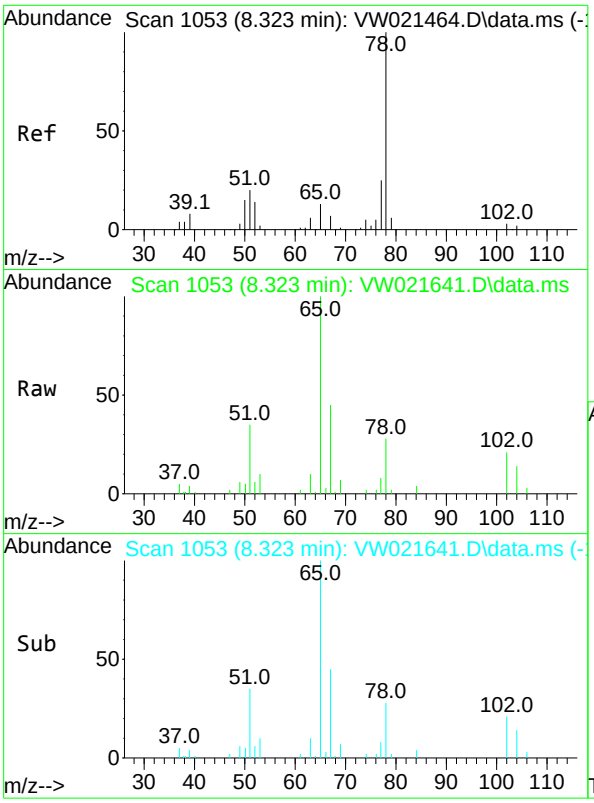


#29
Cyclohexane
Concen: 2.779 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 56 Resp: 3261

Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.5	35.3
84	97.1	63.4	95.2#

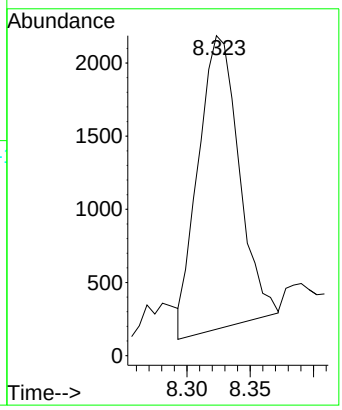


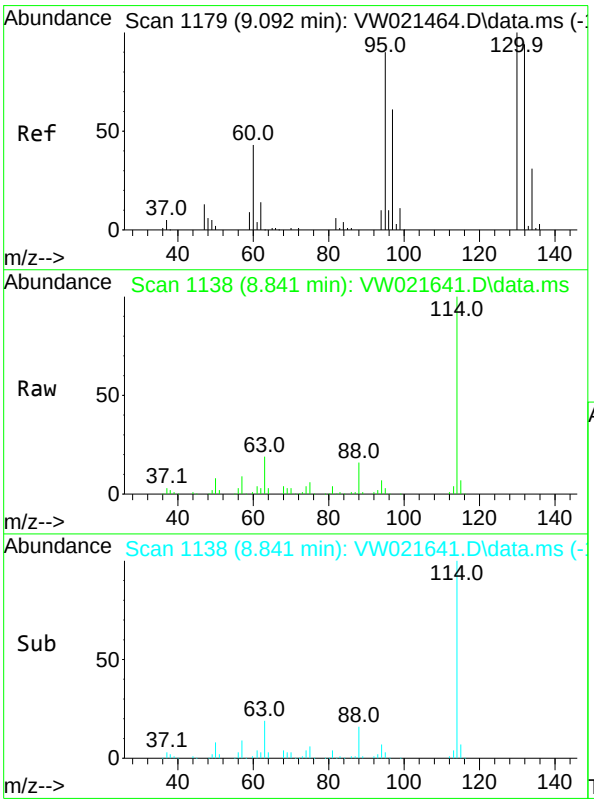


#33
Benzene
Concen: 1.403 ug/L
RT: 8.323 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 78 Resp: 4505

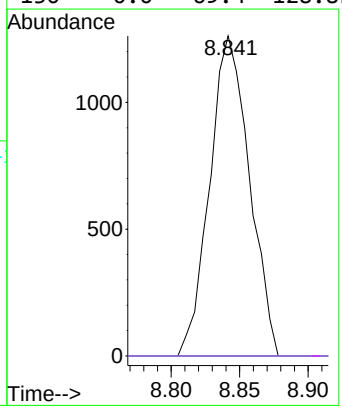


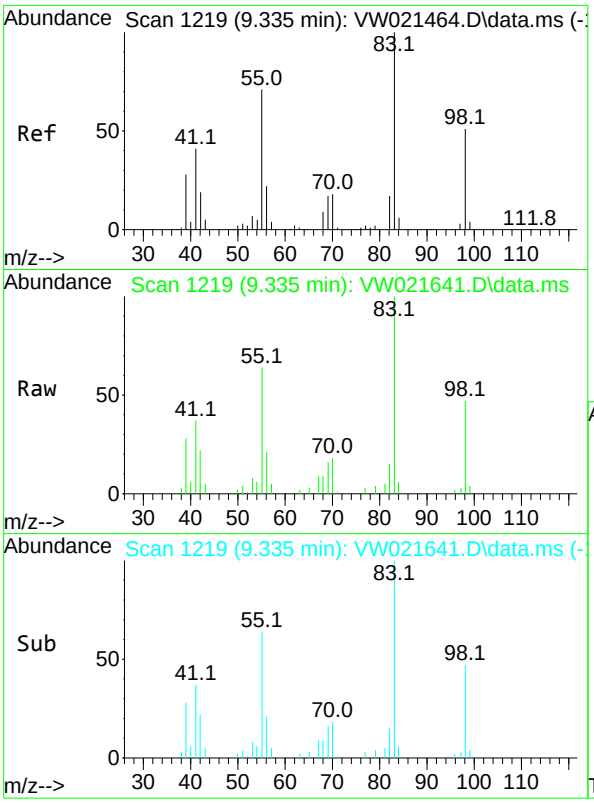


#34
Trichloroethene
Concen: 2.820 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 95 Resp: 2543

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#



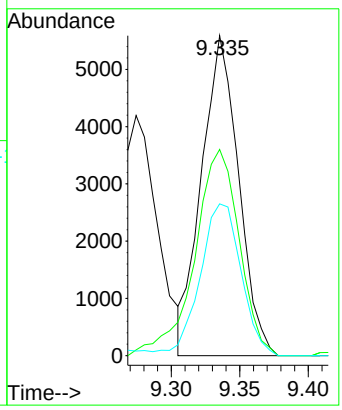


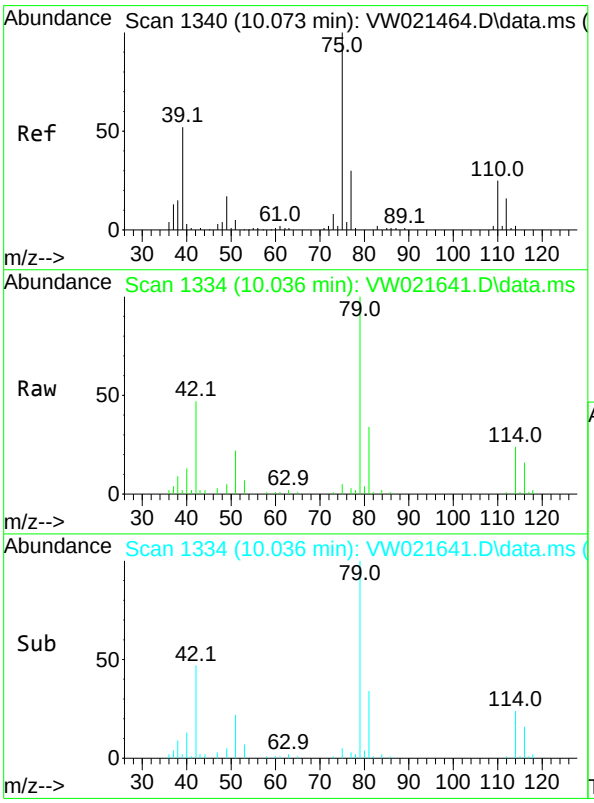
#35
Methylcyclohexane
Concen: 7.076 ug/L
RT: 9.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 10525

Ion	Ratio	Lower	Upper
83	100		
55	77.5	70.8	106.2
98	51.8	37.7	56.5

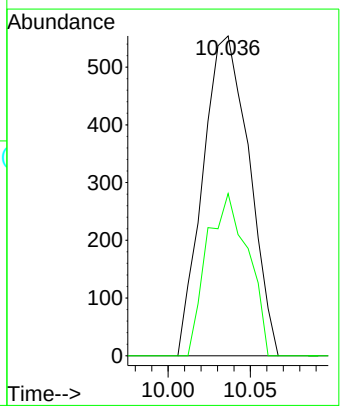


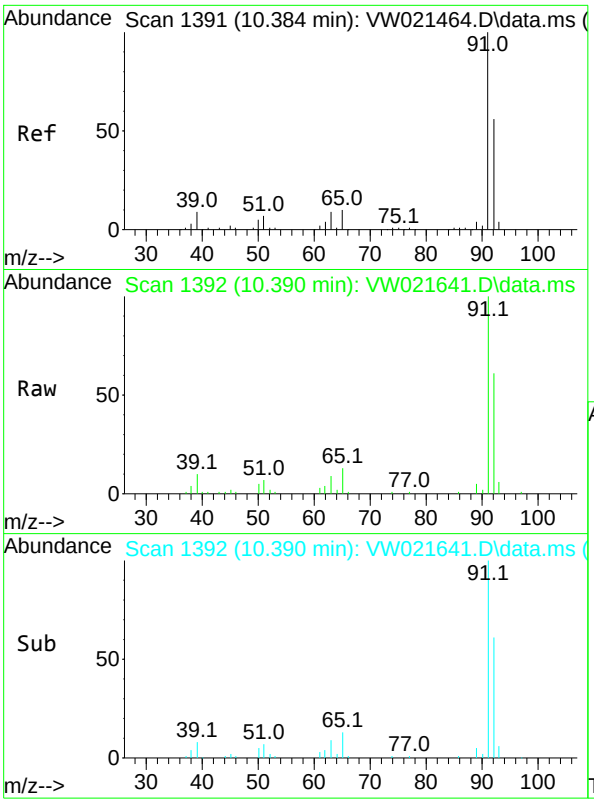


#39
cis-1,3-Dichloropropene
Concen: 0.958 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 75 Resp: 1082

Ion	Ratio	Lower	Upper
75	100		
77	50.7	21.8	40.6#



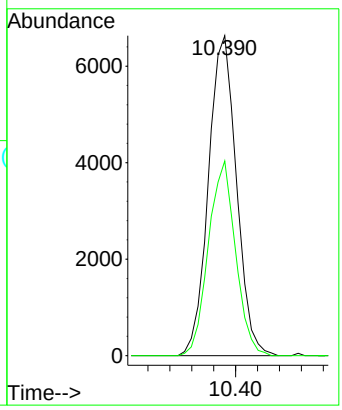


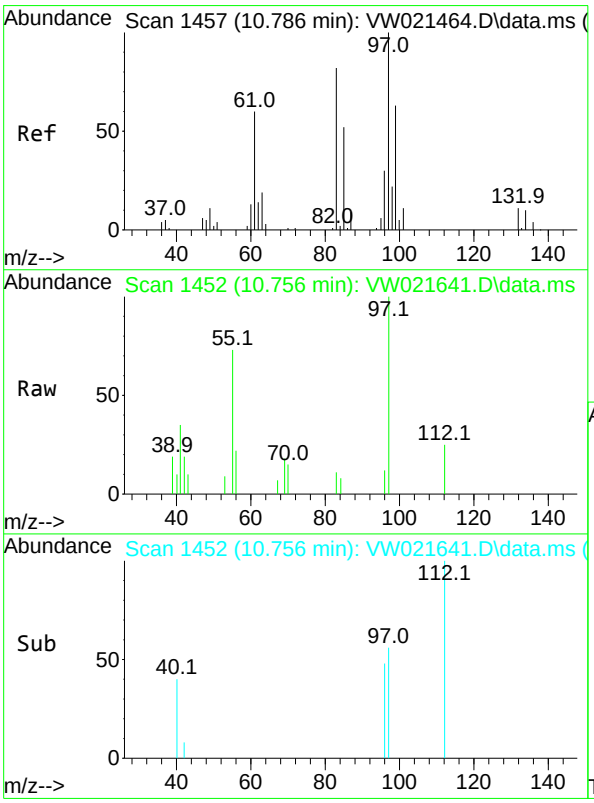
#42
Toluene
Concen: 3.133 ug/L
RT: 10.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 11770

Ion	Ratio	Lower	Upper
91	100		
92	60.8	41.7	77.5

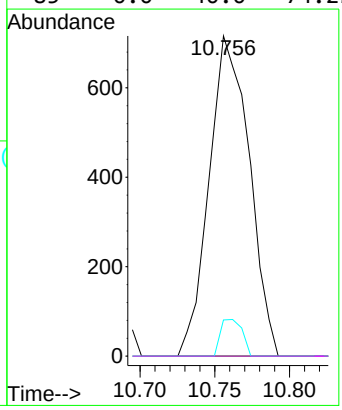


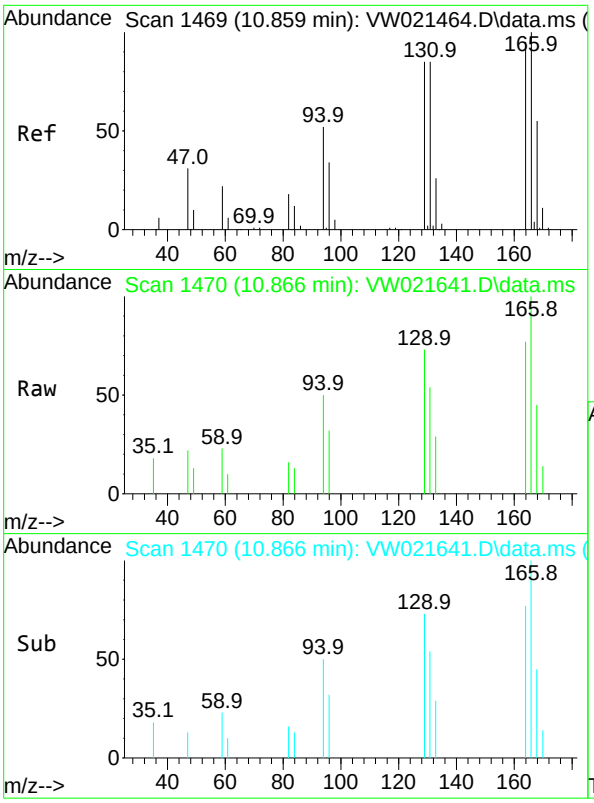


#45
1,1,2-Trichloroethane
Concen: 2.283 ug/L
RT: 10.756 min Scan# 1452
Delta R.T. -0.031 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 97 Resp: 1339

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	11.3	62.6	116.3#
85	0.0	40.0	74.2#



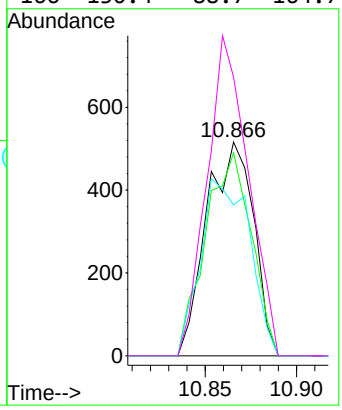


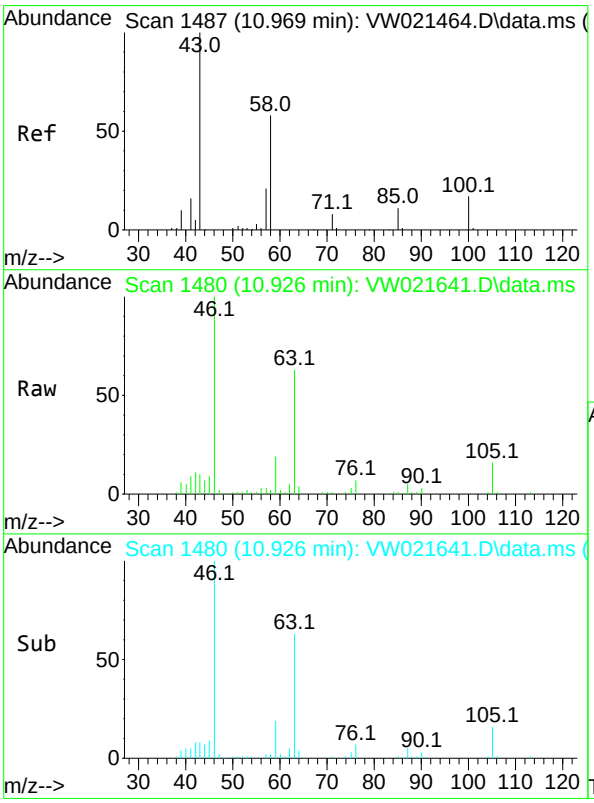
#46
Tetrachloroethene
Concen: 1.072 ug/L
RT: 10.866 min Scan# 14
Delta R.T. 0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:164 Resp: 918

Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.5	121.7
131	70.5	59.7	110.9
166	130.4	88.7	164.7

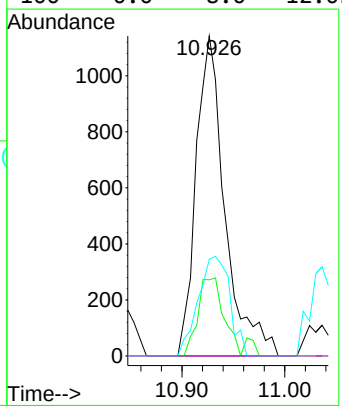


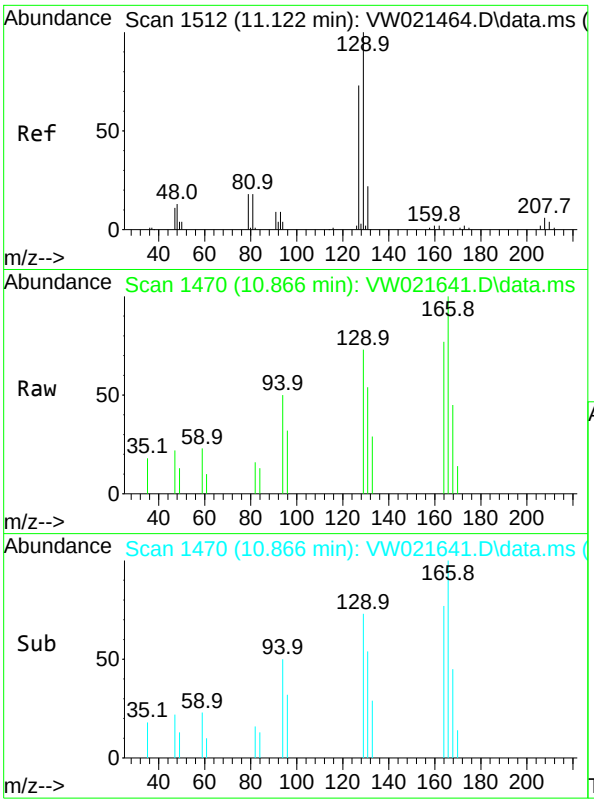


#48
2-Hexanone
Concen: 7.898 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 43 Resp: 2236

Ion	Ratio	Lower	Upper
43	100		
58	21.9	40.2	60.2#
57	33.9	14.3	21.5#
100	0.0	8.0	12.0#



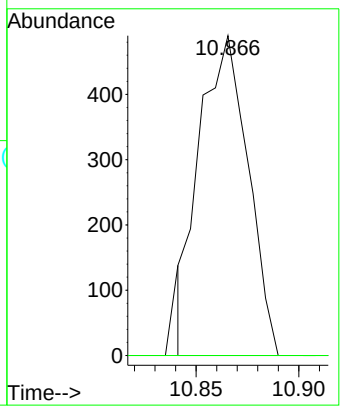


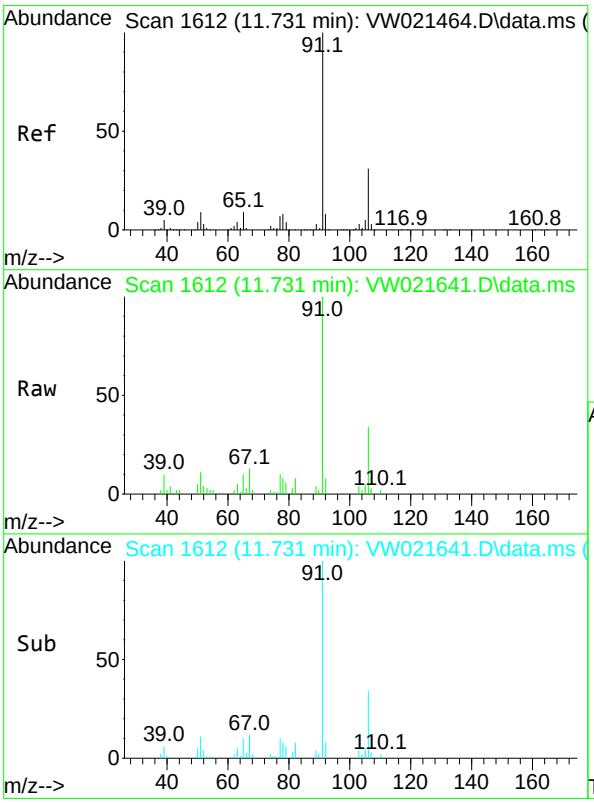
#49
Dibromochloromethane
Concen: 1.111 ug/L
RT: 10.866 min Scan# 14
Delta R.T. -0.262 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:129 Resp: 803

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#

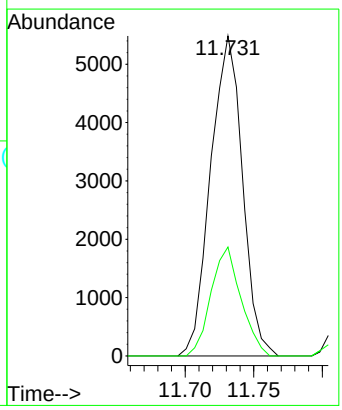


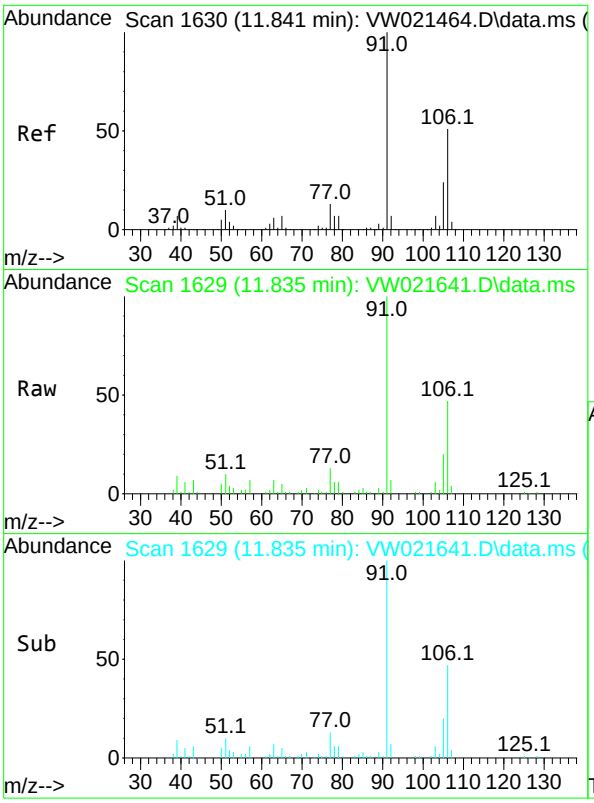


#52
Ethylbenzene
Concen: 2.064 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 91 Resp: 8859

Ion	Ratio	Lower	Upper
91	100		
106	34.0	21.5	39.9



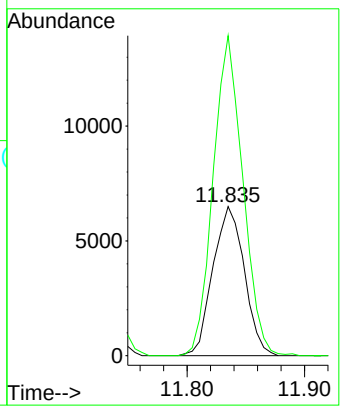


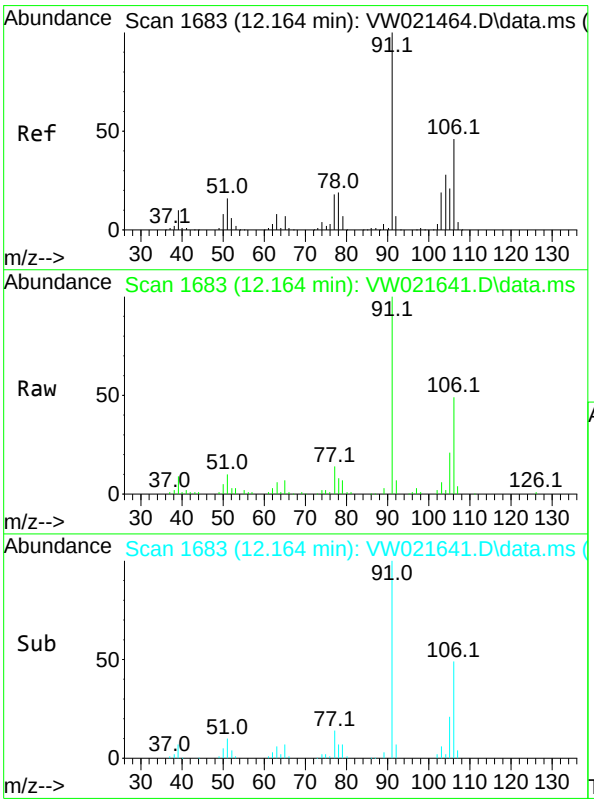
#53
m,p-Xylene
Concen: 6.983 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 12093

Ion	Ratio	Lower	Upper
106	100		
91	214.7	149.9	278.3

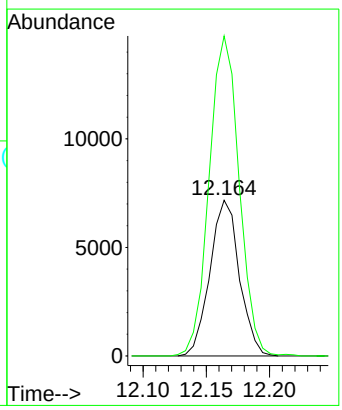


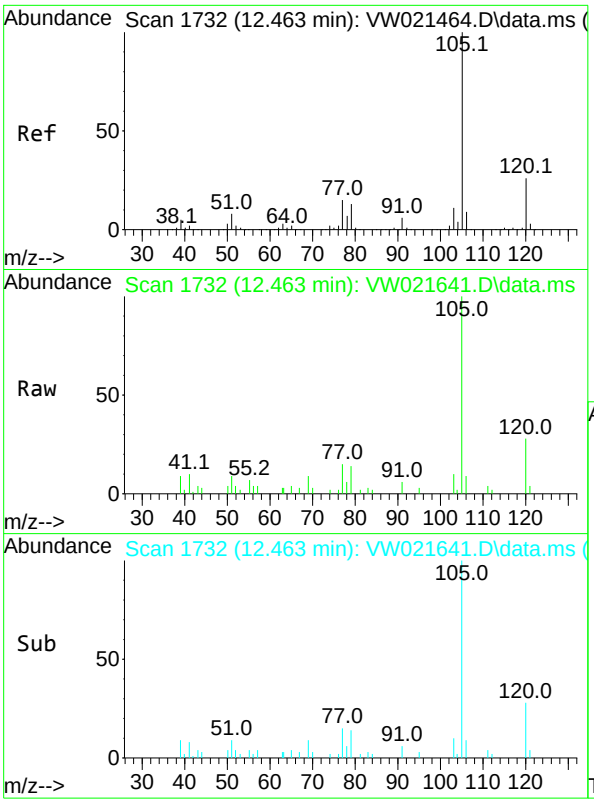


#54
o-Xylene
Concen: 7.062 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion:106 Resp: 11606

Ion	Ratio	Lower	Upper
106	100		
91	205.6	153.6	285.3



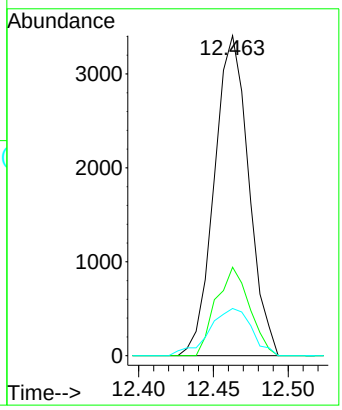


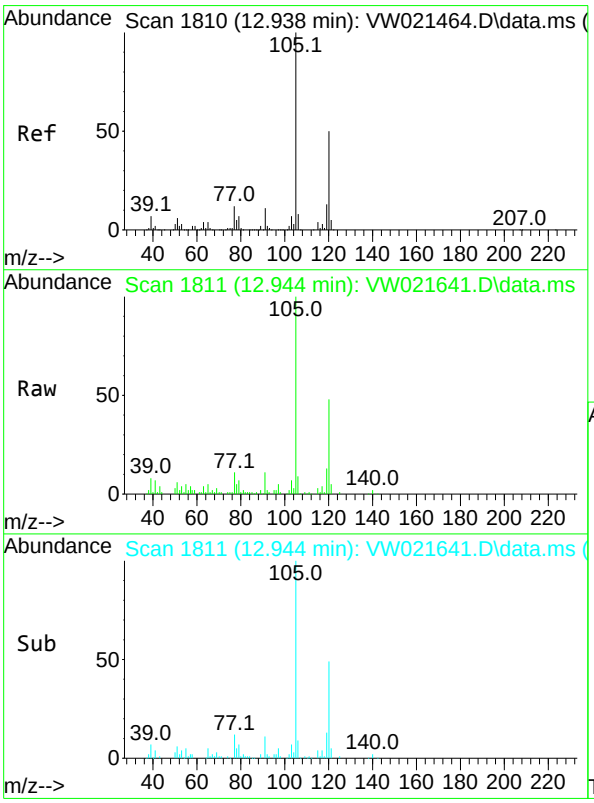
#60
Isopropylbenzene
Concen: 2.256 ug/L
RT: 12.463 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 5450

Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.1	30.1
77	18.1	13.8	20.8

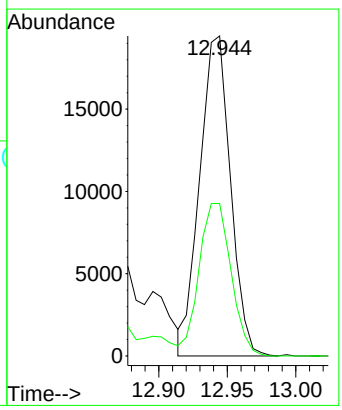


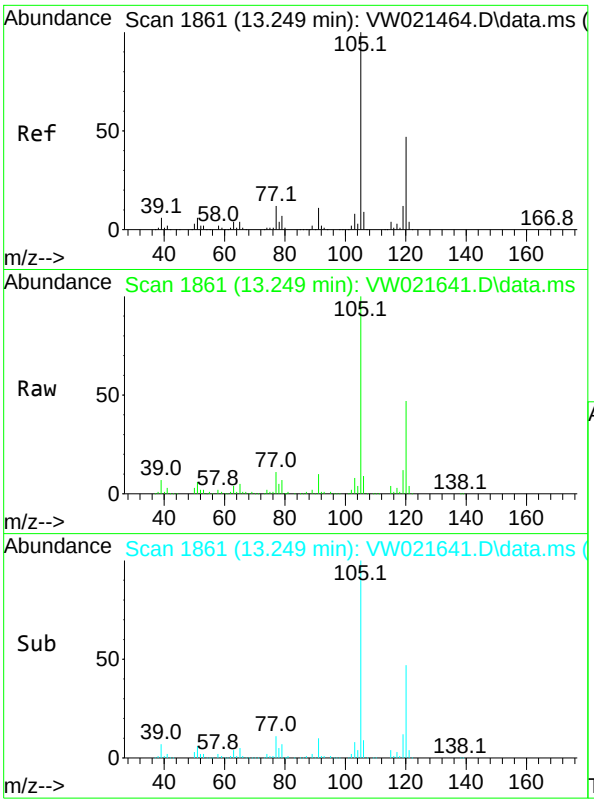


#62
1,3,5-Trimethylbenzene
Concen: 14.782 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion:105 Resp: 30394

Ion	Ratio	Lower	Upper
105	100		
120	49.7	37.4	56.2



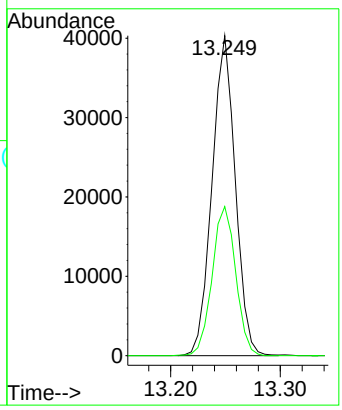


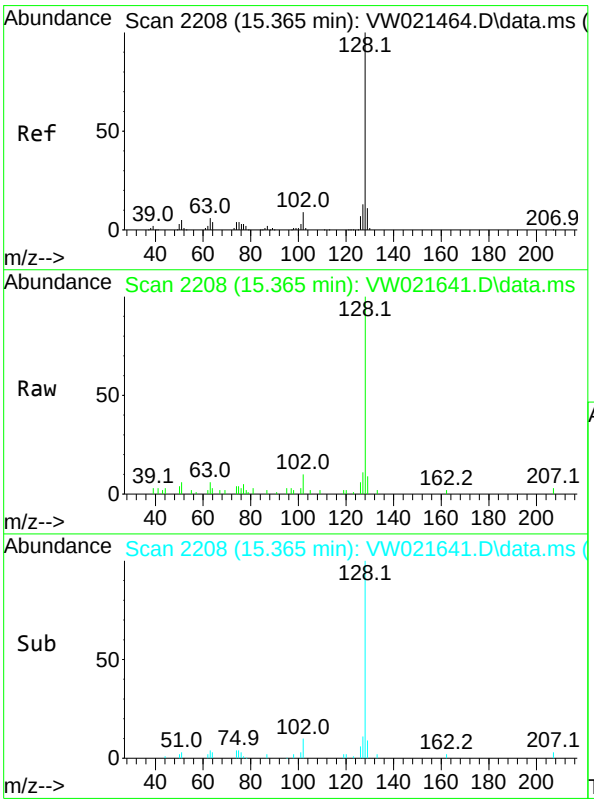
#63
1,2,4-Trimethylbenzene
Concen: 29.253 ug/L
RT: 13.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 59333

Ion	Ratio	Lower	Upper
105	100		
120	47.3	35.0	52.6





#71
Naphthalene
Concen: 7.591 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion:128 Resp: 8450

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	5.9	8.6	12.8#