Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021053.D
Acq On : 02 Dec 2021 17:38
Operator : SY/VA
Sample : M4881-01RE
Misc : 4.95g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 03 02:26:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	84502	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	37020	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	5840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20329	20.740	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.960%			
7) Chloroethane-d5	2.879	69	16234	25.680	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.720%			
11) 1,1-Dichloroethene-d2	4.013	63	22564	11.898	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 47.600%			
21) 2-Butanone-d5	7.074	46	12984	53.071	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.140%			
24) Chloroform-d	7.647	84	44876	21.077	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.320%			
26) 1,2-Dichloroethane-d4	8.299	65	21663	20.045	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.160%			
32) Benzene-d6	8.275	84	76841	39.383	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 157.520%#			
36) 1,2-Dichloropropane-d6	9.275	67	23324	41.979	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 167.920%#			
41) Toluene-d8	10.323	98	52510	27.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.440%			
43) trans-1,3-Dichloroprop...	10.573	79	4290	16.336	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 65.360%			
47) 2-Hexanone-d5	10.921	63	6724	72.969	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 145.940%#			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	12021	28.243	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	4574	21.975	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.880%			
Target Compounds						Qvalue
13) Acetone	4.123	43	1424	6.519	ug/L	76
27) 1,2-Dichloroethane	8.397	62	1440	1.151	ug/L #	77
29) Cyclohexane	7.958	56	1085	1.315	ug/L	89
33) Benzene	8.330	78	1265	0.604	ug/L	100
34) Trichloroethene	9.092	95	390	0.665	ug/L #	65
35) Methylcyclohexane	9.335	83	3770	3.900	ug/L #	88
37) 1,2-Dichloropropane	9.275	63	2886	5.916	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	502	0.623	ug/L #	63
40) 4-Methyl-2-pentanone	10.213	43	567	1.953	ug/L #	95
42) Toluene	10.384	91	6754	2.865	ug/L	98
46) Tetrachloroethene	10.866	164	574	1.066	ug/L #	76
48) 2-Hexanone	10.921	43	1157	5.753	ug/L #	62
49) Dibromochloromethane	10.860	129	487	0.931	ug/L #	10
52) Ethylbenzene	11.829	91	4093	1.567	ug/L	83
53) m,p-Xylene	11.835	106	2016	1.890	ug/L	91
54) o-Xylene	12.164	106	1584	1.546	ug/L	98
60) Isopropylbenzene	12.463	105	937	1.178	ug/L #	1
61) 1,2,3-Trichloropropane	12.932	75	189	2.206	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.938	105	640	0.954	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021053.D
Acq On : 02 Dec 2021 17:38
Operator : SY/VA
Sample : M4881-01RE
Misc : 4.95g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 03 02:26:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
63)	1,2,4-Trimethylbenzene	13.249	105	1571	2.373	ug/L		95
71)	Naphthalene	15.359	128	980	2.489	ug/L	#	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
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ClientSampleId :

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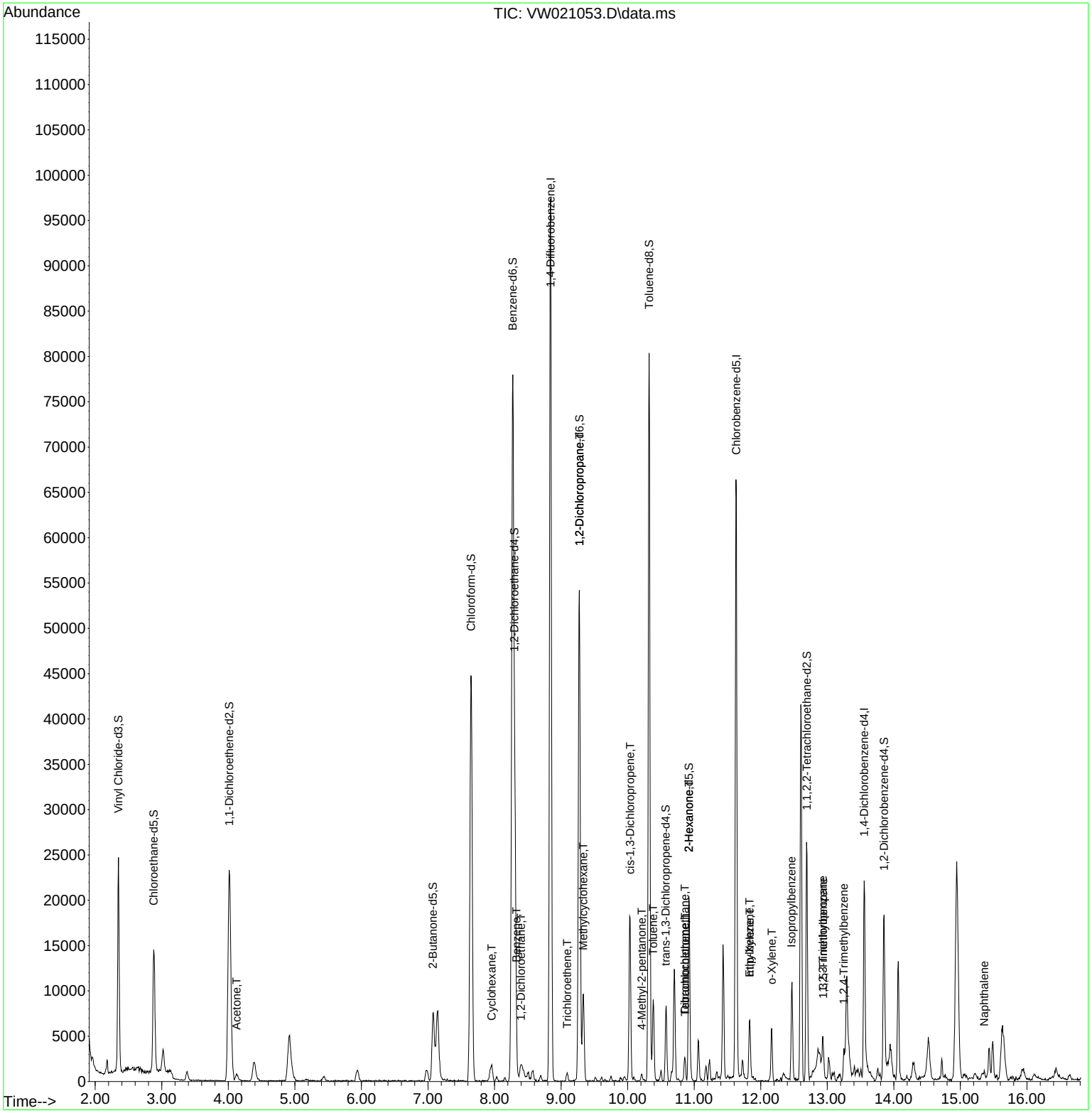
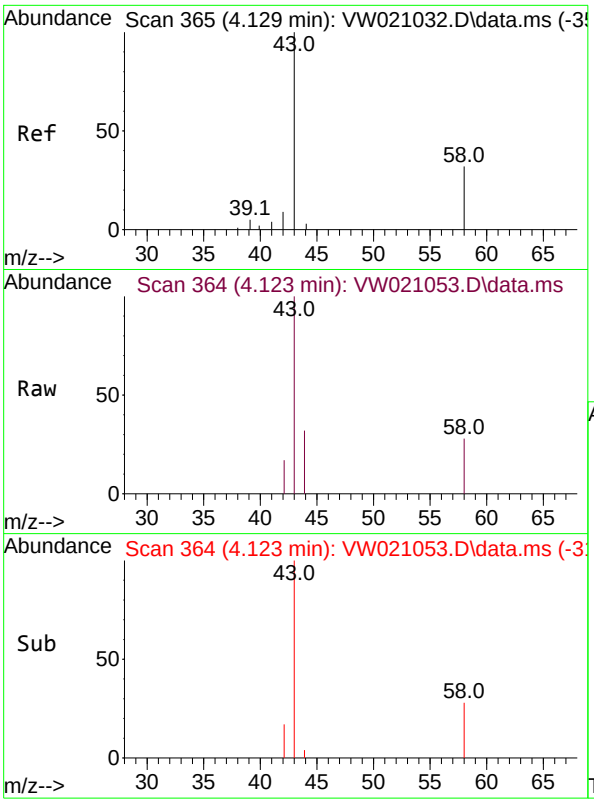
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration



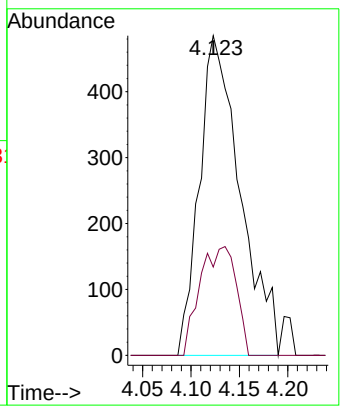


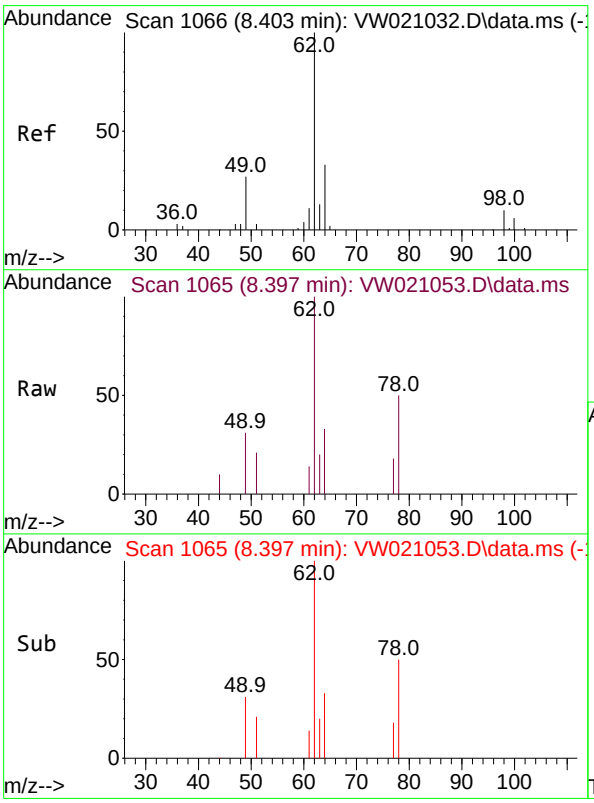
#13
Acetone
Concen: 6.519 ug/L
RT: 4.123 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1424

Ion	Ratio	Lower	Upper
43	100		
58	14.0	0.0	52.8

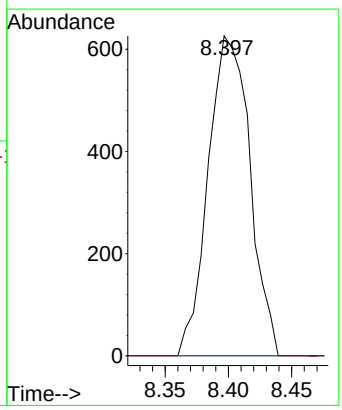


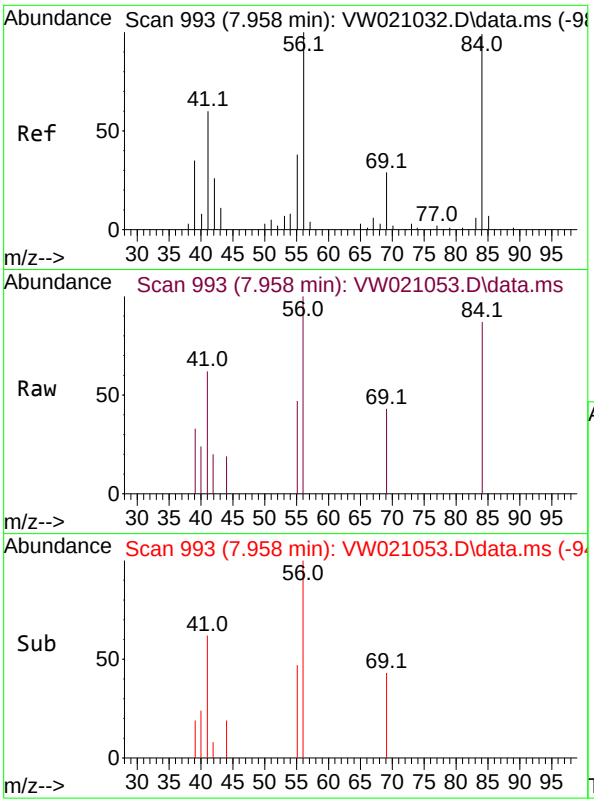


#27
1,2-Dichloroethane
Concen: 1.151 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion: 62 Resp: 1440

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.5	9.7#



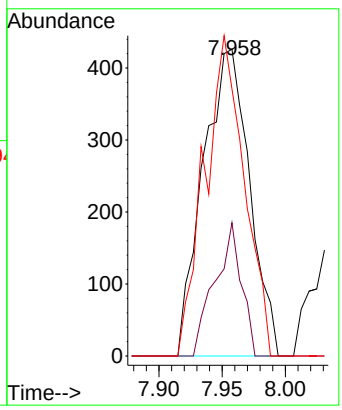


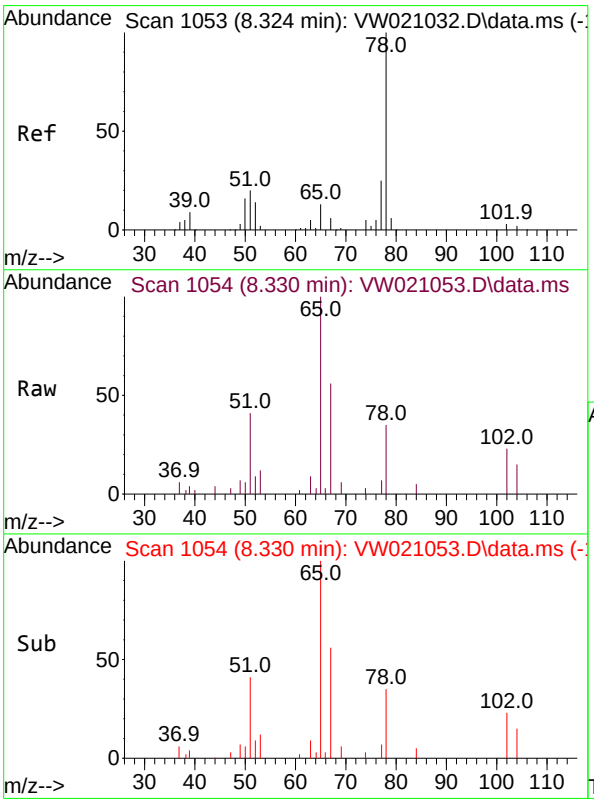
#29
Cyclohexane
Concen: 1.315 ug/L
RT: 7.958 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 1085

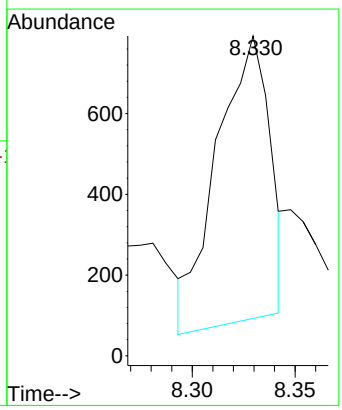
Ion	Ratio	Lower	Upper
56	100		
69	24.9	23.5	35.3
84	89.3	63.4	95.2

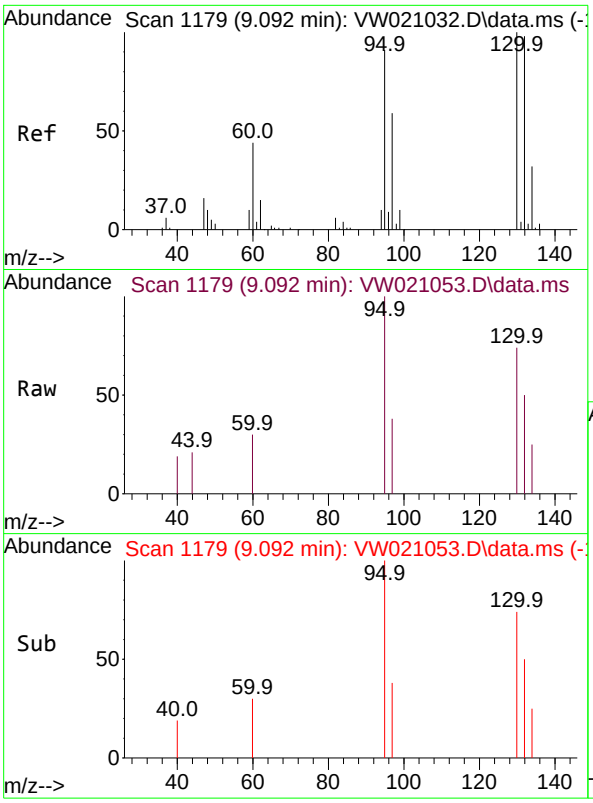




#33
Benzene
Concen: 0.604 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion: 78 Resp: 1265



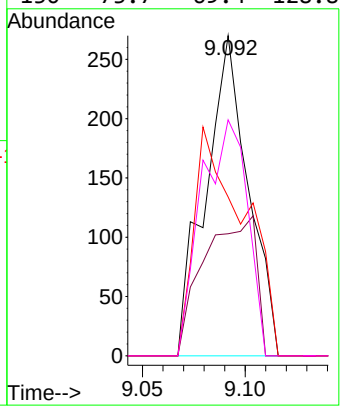


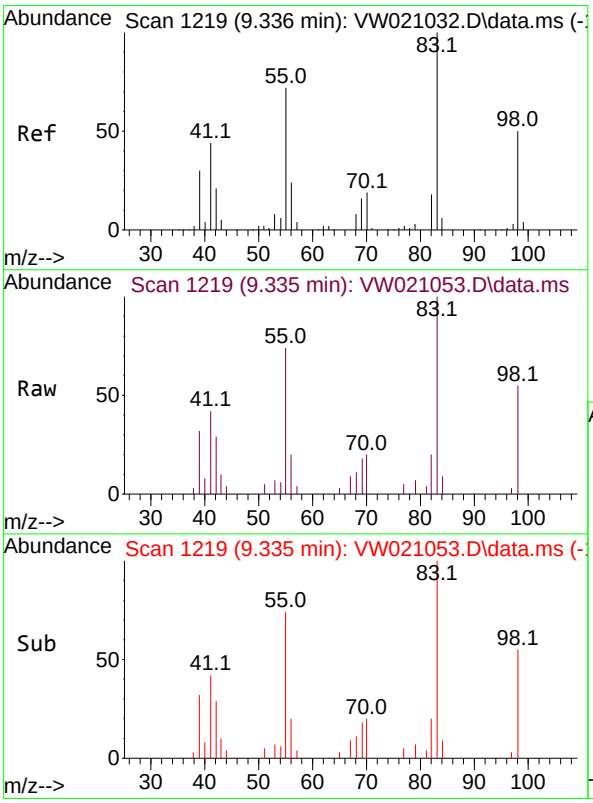
#34
Trichloroethene
Concen: 0.665 ug/L
RT: 9.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 390

Ion	Ratio	Lower	Upper
95	100		
97	38.1	47.0	87.2#
132	49.6	65.5	121.6#
130	73.7	69.4	128.8

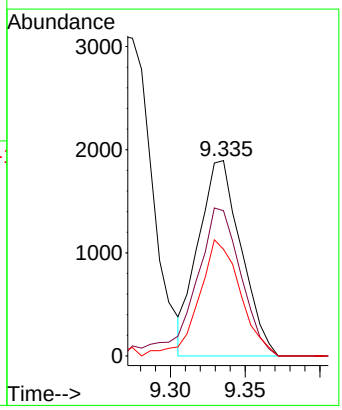


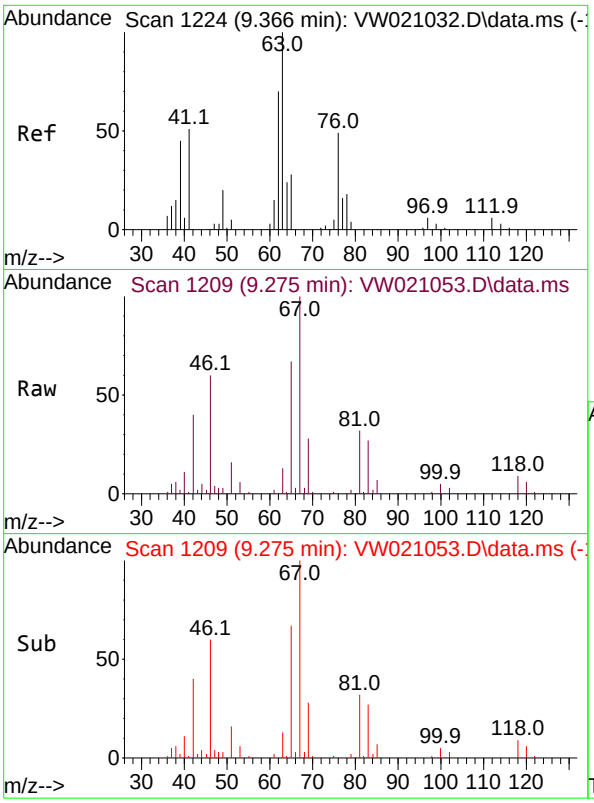


#35
Methylcyclohexane
Concen: 3.900 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion: 83 Resp: 3770

Ion	Ratio	Lower	Upper
83	100		
55	79.0	70.8	106.2
98	57.4	37.7	56.5#



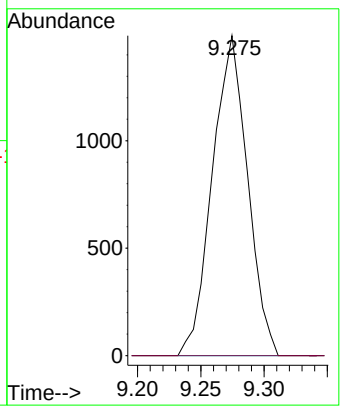


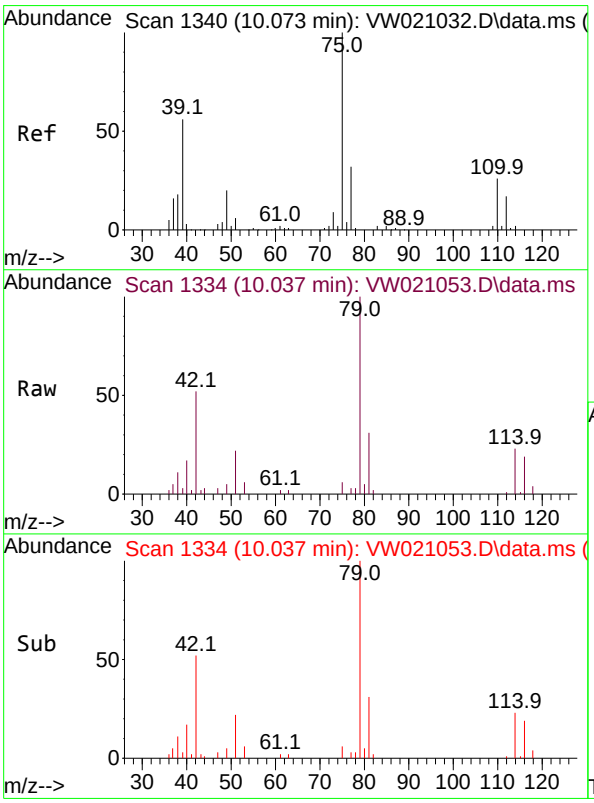
#37
1,2-Dichloropropane
Concen: 5.916 ug/L
RT: 9.275 min Scan# 1
Delta R.T. -0.091 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 2886

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

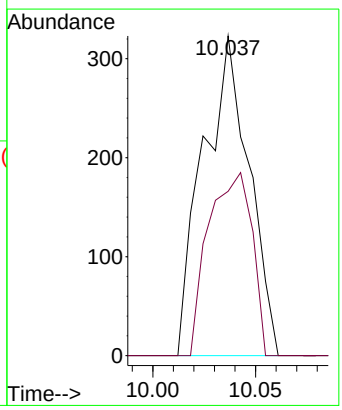


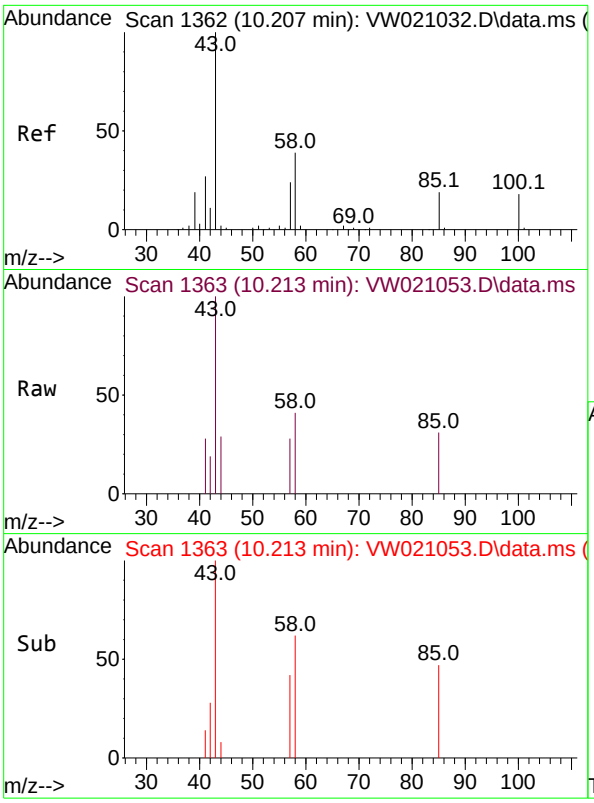


#39
cis-1,3-Dichloropropene
Concen: 0.623 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion: 75 Resp: 502

Ion	Ratio	Lower	Upper
75	100		
77	51.4	21.8	40.6#



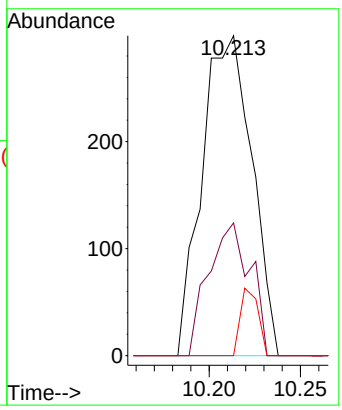


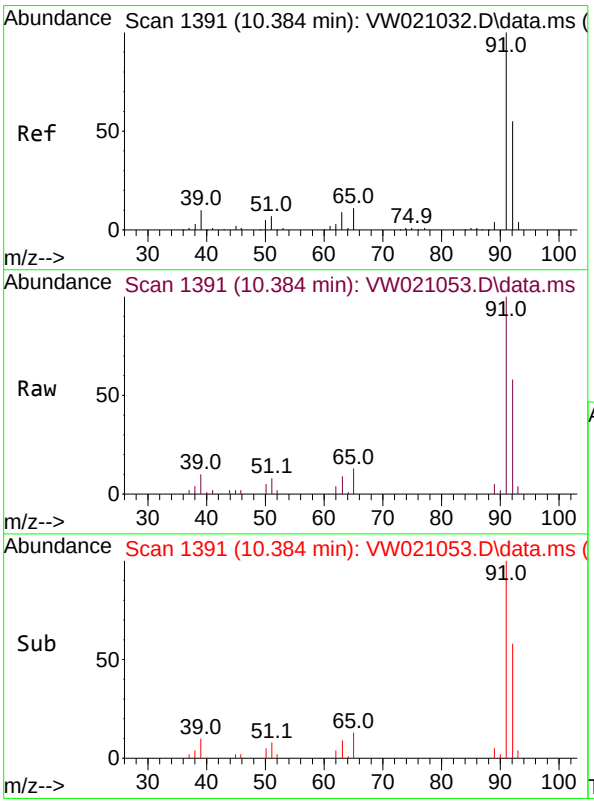
#40
4-Methyl-2-pentanone
Concen: 1.953 ug/L
RT: 10.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 567

Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.8	43.2
100	7.4	10.0	15.0#

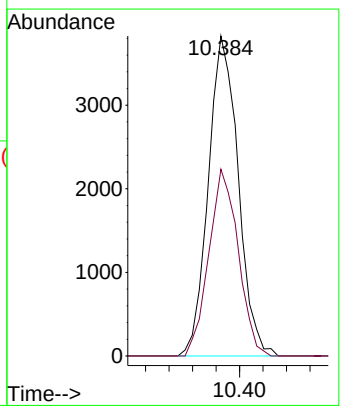


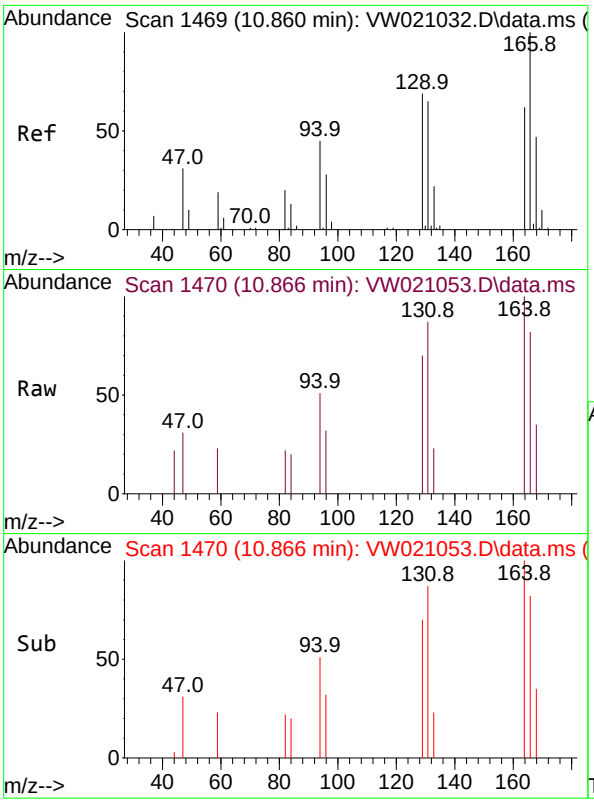


#42
Toluene
Concen: 2.865 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion: 91 Resp: 6754

Ion	Ratio	Lower	Upper
91	100		
92	58.3	41.7	77.5



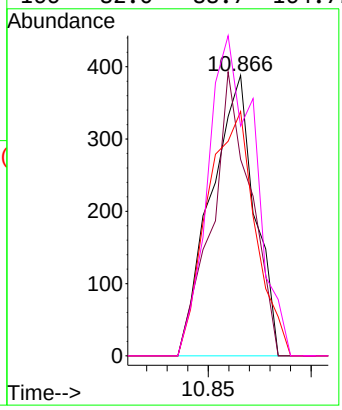


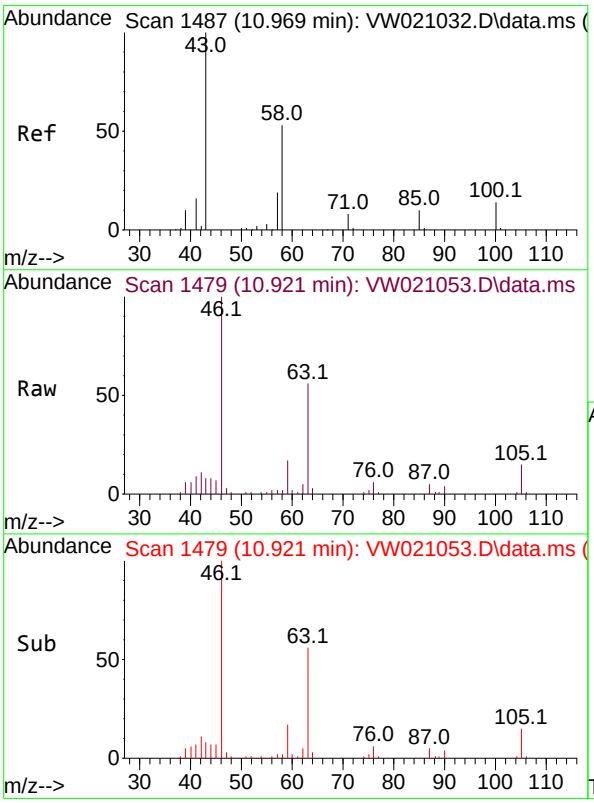
#46
Tetrachloroethene
Concen: 1.066 ug/L
RT: 10.866 min Scan# 14
Delta R.T. 0.006 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:164 Resp: 574

Ion	Ratio	Lower	Upper
164	100		
129	70.1	65.5	121.7
131	87.1	59.7	110.9
166	82.0	88.7	164.7#

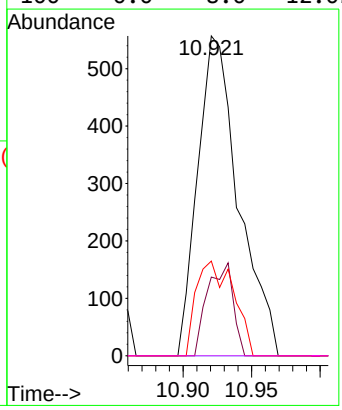


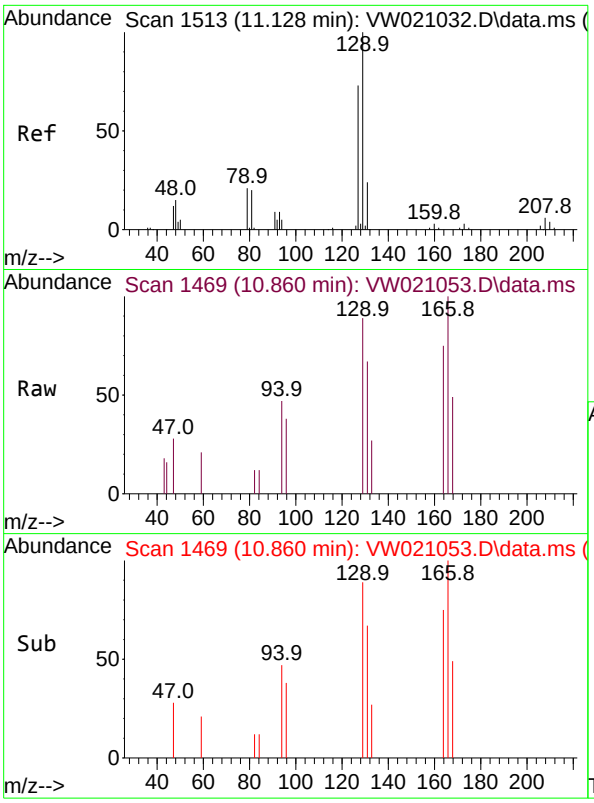


#48
2-Hexanone
Concen: 5.753 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion: 43 Resp: 1157

Ion	Ratio	Lower	Upper
43	100		
58	18.2	40.2	60.2#
57	27.0	14.3	21.5#
100	0.0	8.0	12.0#



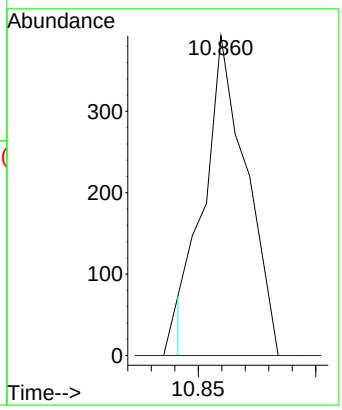


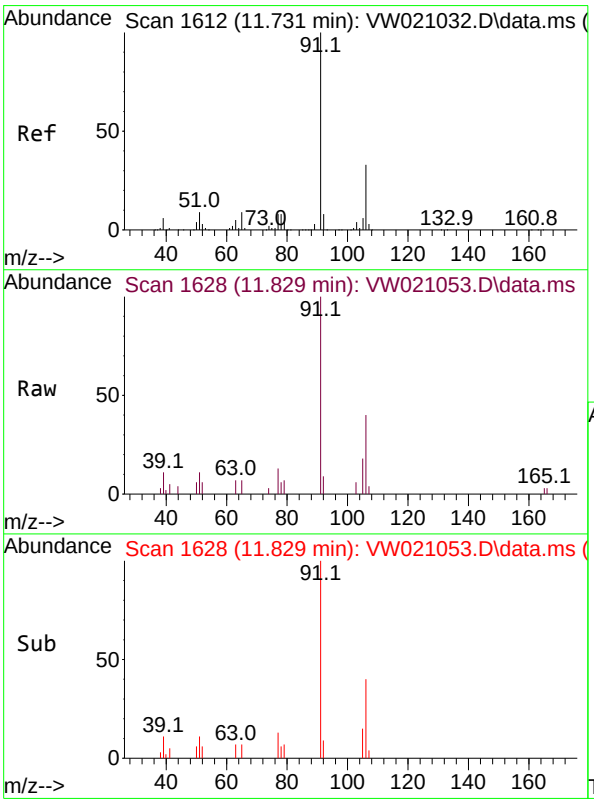
#49
Dibromochloromethane
Concen: 0.931 ug/L
RT: 10.860 min Scan# 14
Delta R.T. -0.268 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:129 Resp: 487

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#

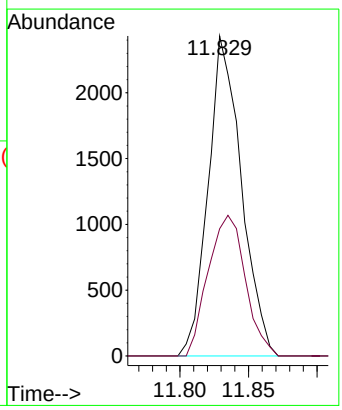


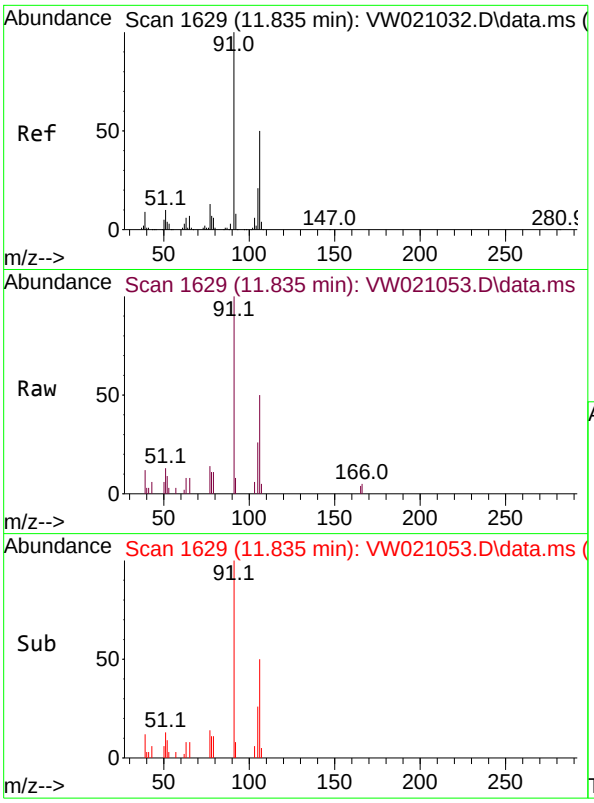


#52
Ethylbenzene
Concen: 1.567 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. 0.098 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion: 91 Resp: 4093

Ion	Ratio	Lower	Upper
91	100		
106	39.8	21.5	39.9



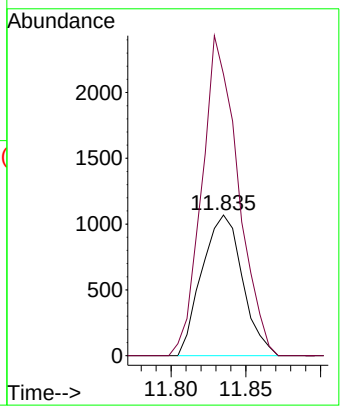


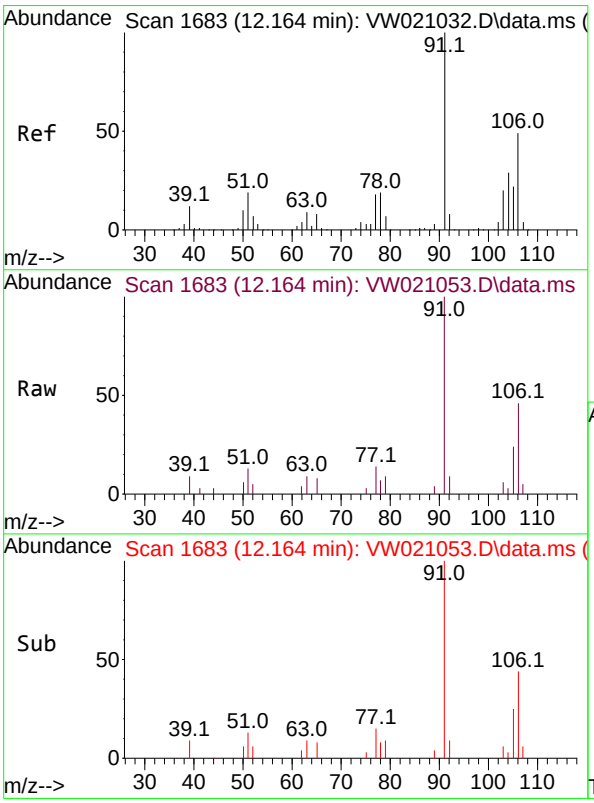
#53
m,p-Xylene
Concen: 1.890 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 2016

Ion	Ratio	Lower	Upper
106	100		
91	200.1	149.9	278.3

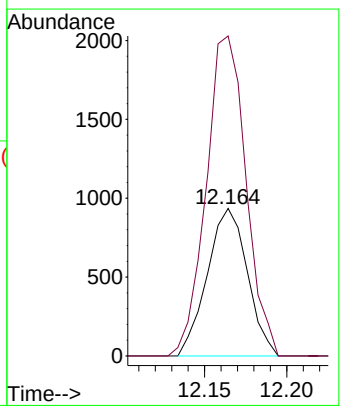


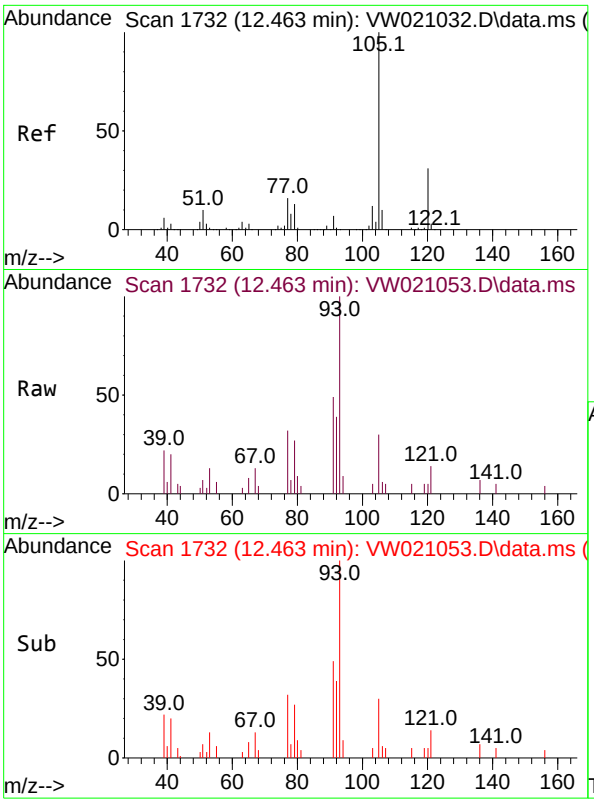


#54
o-Xylene
Concen: 1.546 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion:106 Resp: 1584

Ion	Ratio	Lower	Upper
106	100		
91	217.0	153.6	285.3



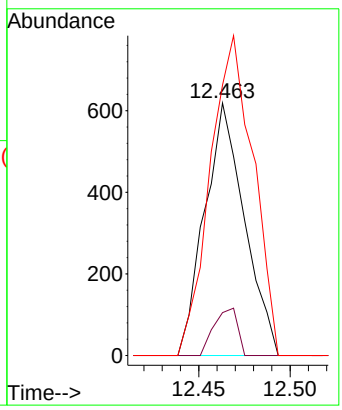


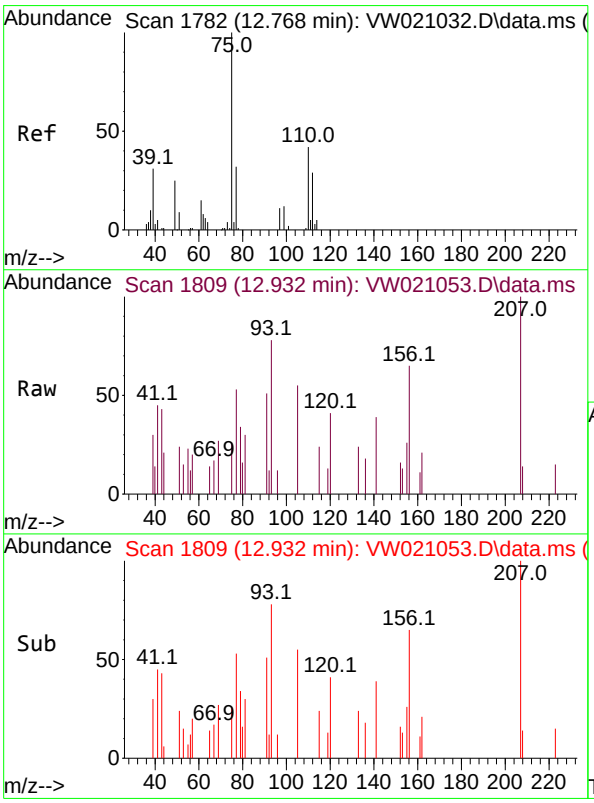
#60
Isopropylbenzene
Concen: 1.178 ug/L
RT: 12.463 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 937

Ion	Ratio	Lower	Upper
105	100		
120	11.1	20.1	30.1#
77	137.0	13.8	20.8#

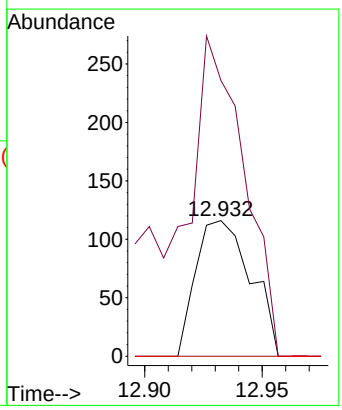


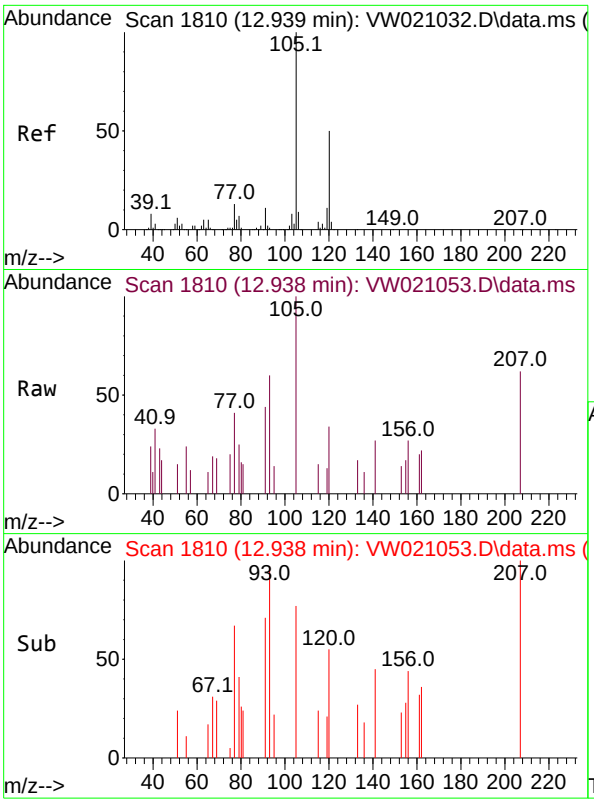


#61
1,2,3-Trichloropropane
Concen: 2.206 ug/L
RT: 12.932 min Scan# 1809
Delta R.T. 0.165 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion: 75 Resp: 189

Ion	Ratio	Lower	Upper
75	100		
77	206.3	25.8	38.8#
110	0.0	29.0	43.4#



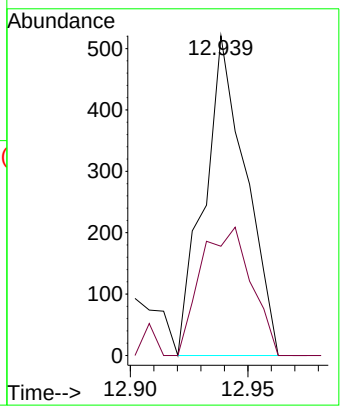


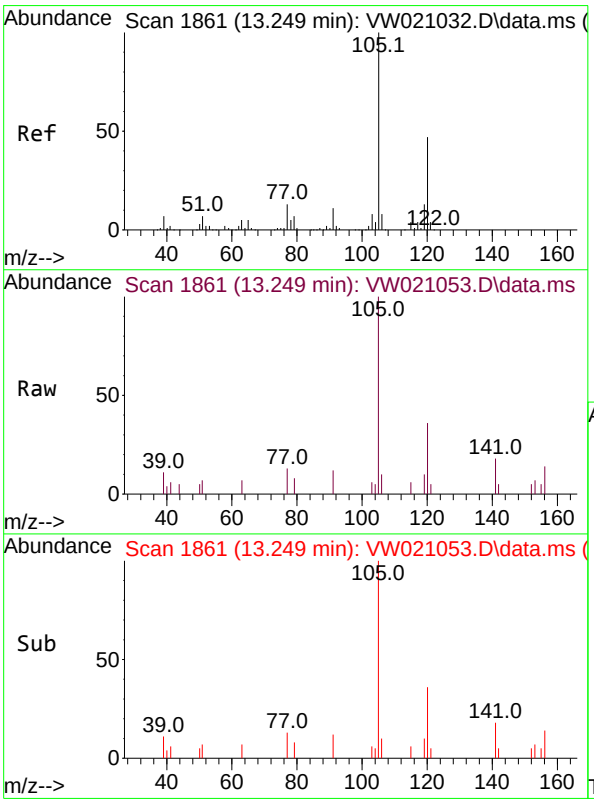
#62
1,3,5-Trimethylbenzene
Concen: 0.954 ug/L
RT: 12.938 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 640

Ion	Ratio	Lower	Upper
105	100		
120	48.9	37.4	56.2

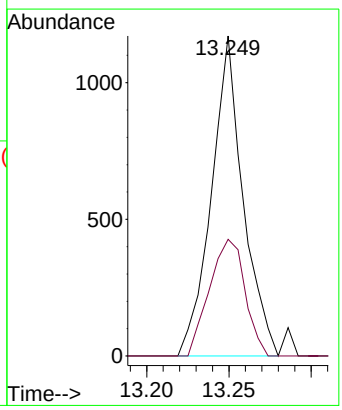


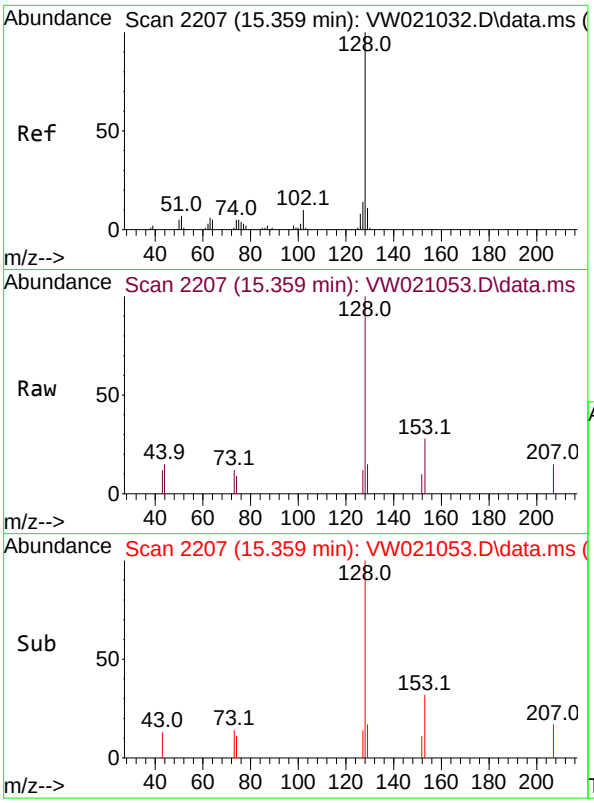


#63
1,2,4-Trimethylbenzene
Concen: 2.373 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Tgt Ion:105 Resp: 1571

Ion	Ratio	Lower	Upper
105	100		
120	40.8	35.0	52.6





#71
Naphthalene
Concen: 2.489 ug/L
RT: 15.359 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW021053.D
Acq: 02 Dec 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 980

Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.7	16.1#
129	5.6	8.6	12.8#