Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022878.D
Acq On : 18 Oct 2021 19:51
Operator : SY/MD
Sample : M4200-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 19 01:46:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 01:43:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100461	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	51328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35385	5.120	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.400%			
7) Chloroethane-d5	1.568	69	32572	5.244	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.800%			
11) 1,1-Dichloroethene-d2	2.108	63	46084	3.399	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.000%			
20) 2-Butanone-d5	3.889	46	88862	49.032	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.060%			
24) Chloroform-d	4.352	84	77956	5.473	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.400%			
26) 1,2-Dichloroethane-d4	5.034	65	37823	5.471	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.400%			
32) Benzene-d6	5.053	84	149210	4.936	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
36) 1,2-Dichloropropane-d6	6.072	67	46100	5.149	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.000%			
41) Toluene-d8	7.317	98	130579	4.996	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
43) trans-1,3-Dichloroprop...	7.625	79	15302	5.152	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.000%			
46) 2-Hexanone-d5	8.088	63	74369	62.136	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.280%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32373	5.338	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	57696	6.063	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 121.200%#			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	629	0.085	ug/L	96
12) 1,1-Dichloroethene	2.104	96	502	0.083	ug/L #	1
13) Acetone	2.178	43	12229	12.101	ug/L #	51
22) cis-1,2-Dichloroethene	3.908	96	893	0.129	ug/L	72
27) 1,2-Dichloroethane	5.050	62	976	0.142	ug/L #	69
33) Benzene	5.111	78	2579	0.094	ug/L	100
35) Methylcyclohexane	6.072	83	11945	1.146	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5208	0.792	ug/L #	84
42) Toluene	7.394	91	23049	0.830	ug/L	99
52) Ethylbenzene	9.017	91	2761	0.098	ug/L	97
53) m,p-xylene	9.143	106	3822	0.345	ug/L	99
54) o-xylene	9.545	106	1325	0.127	ug/L #	54
61) 1,2,3-Trichloropropane	11.249	75	5575	1.563	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.921	105	1971	0.094	ug/L	90
63) 1,2,4-Trimethylbenzene	10.921	105	1971	0.093	ug/L	94
71) Naphthalene	13.509	128	1551	0.124	ug/L #	84

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

Instrument :
MSVOA_V
ClientSampleId :

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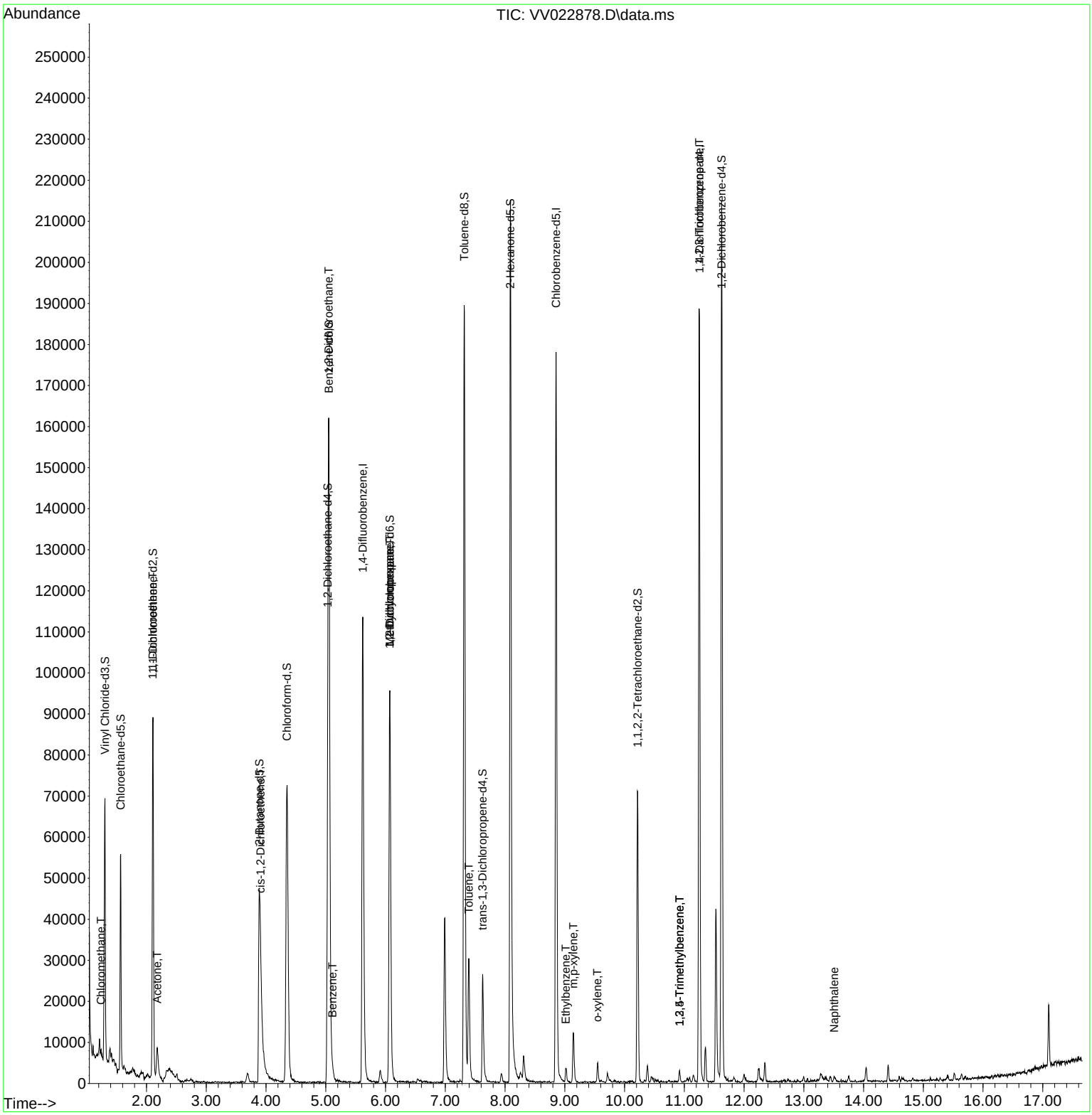
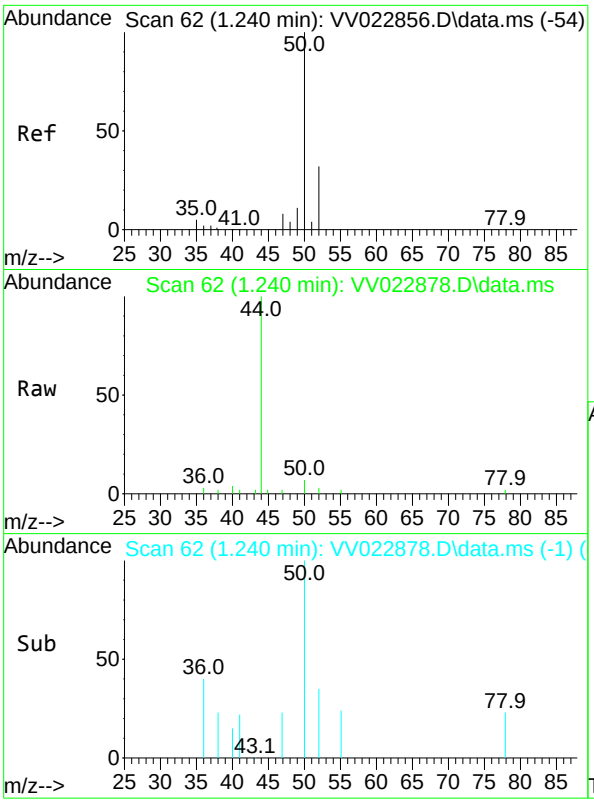
Quant Time: Oct 19 01:46:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 01:43:03 2021
Response via : Initial Calibration



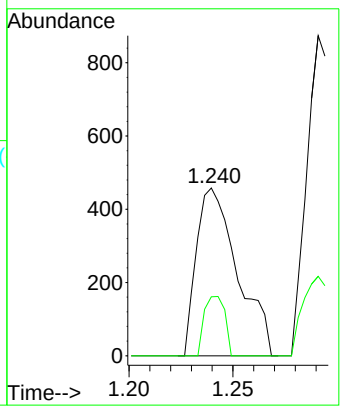
Instrument :
MSVOA_V
ClientSampleId :

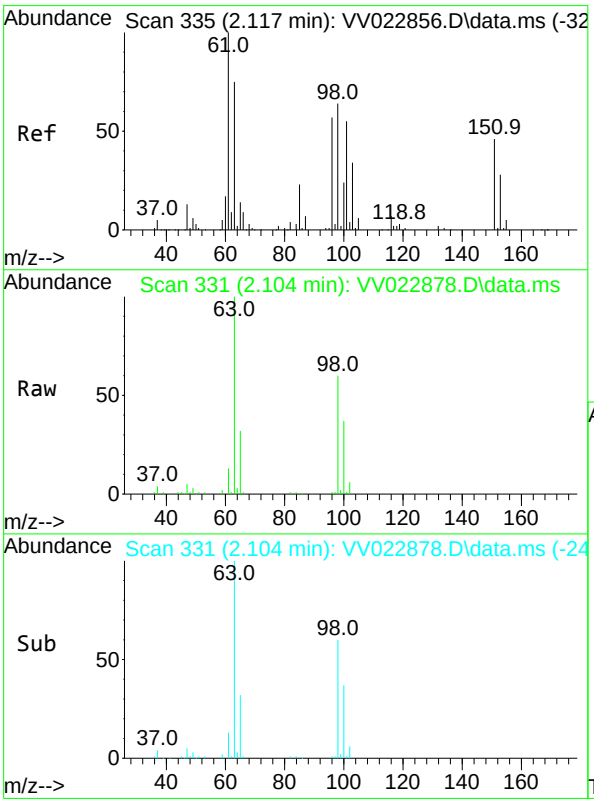


#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 50 Resp: 629

Ion	Ratio	Lower	Upper
50	100		
52	35.2	22.9	42.5

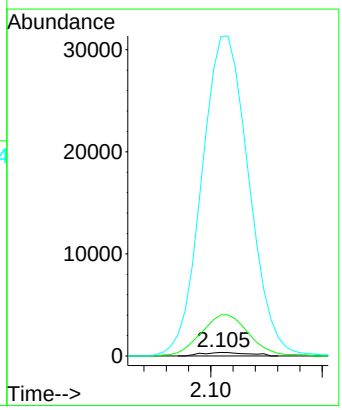




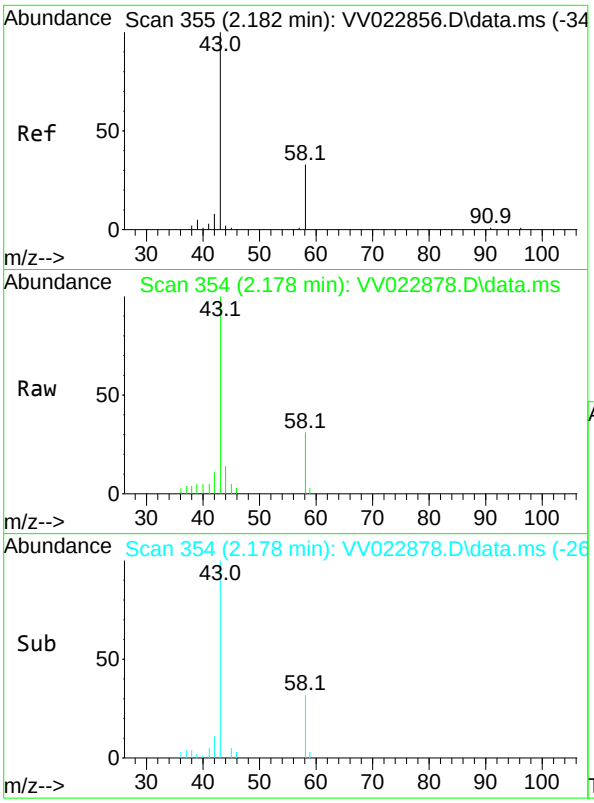
#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 96 Resp: 502

Ion	Ratio	Lower	Upper
96	100		
61	1160.5	127.3	236.5#
63	9016.7	106.2	197.2#



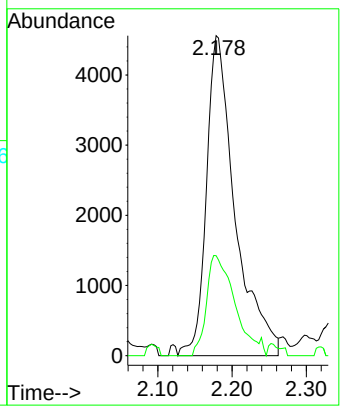
Instrument :
MSVOA_V
ClientSampleId :

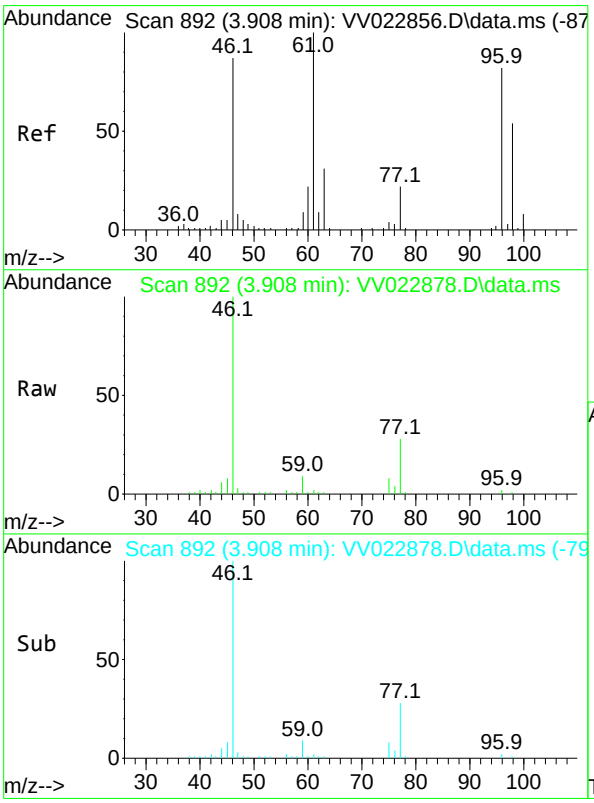


#13
Acetone
Concen: 12.101 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 43 Resp: 12229

Ion	Ratio	Lower	Upper
43	100		
58	31.1	0.0	24.2#

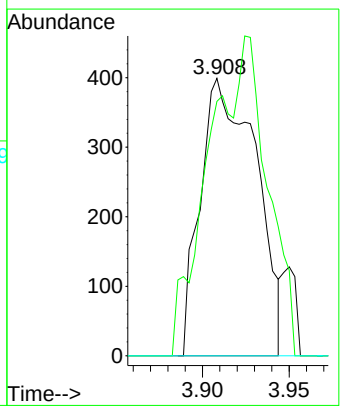




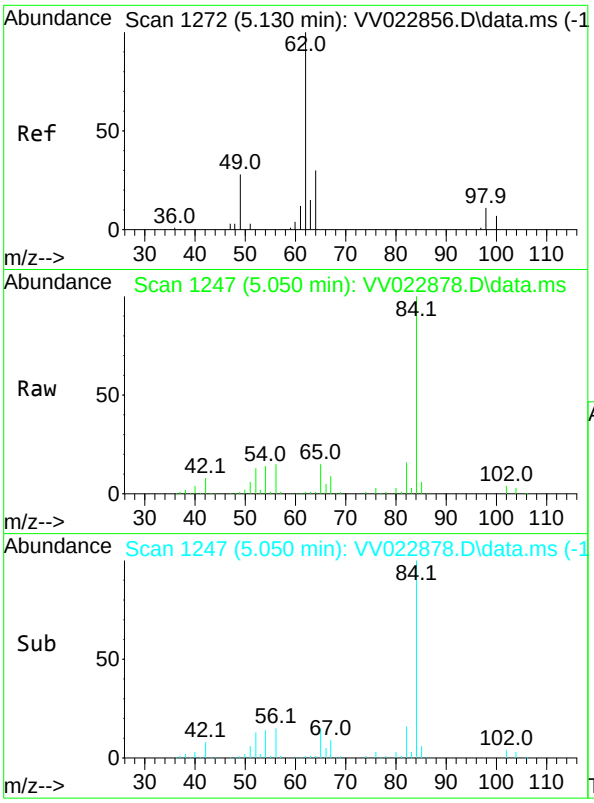
#22
cis-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 96 Resp: 893

Ion	Ratio	Lower	Upper
96	100		
61	91.7	86.0	159.6
68	0.0	0.0	0.0



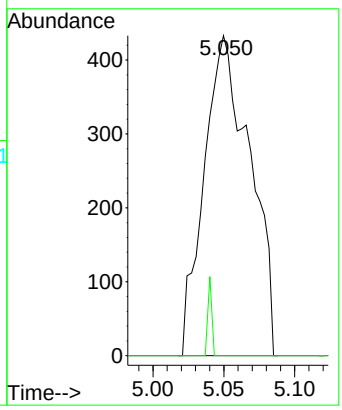
Instrument :
MSVOA_V
ClientSampleId :

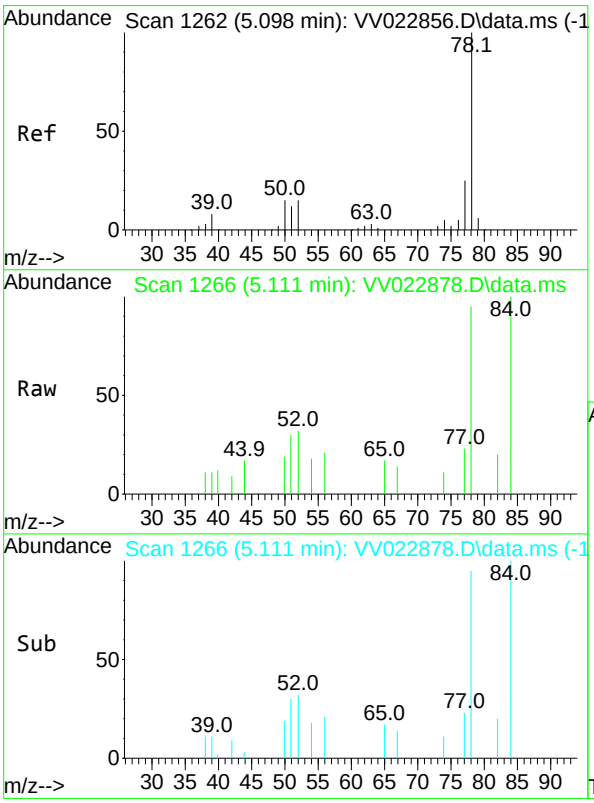


#27
1,2-Dichloroethane
Concen: 0.142 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 62 Resp: 976

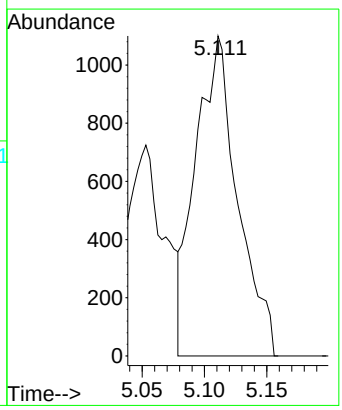
Ion	Ratio	Lower	Upper
62	100		
98	0.0	9.7	14.5#

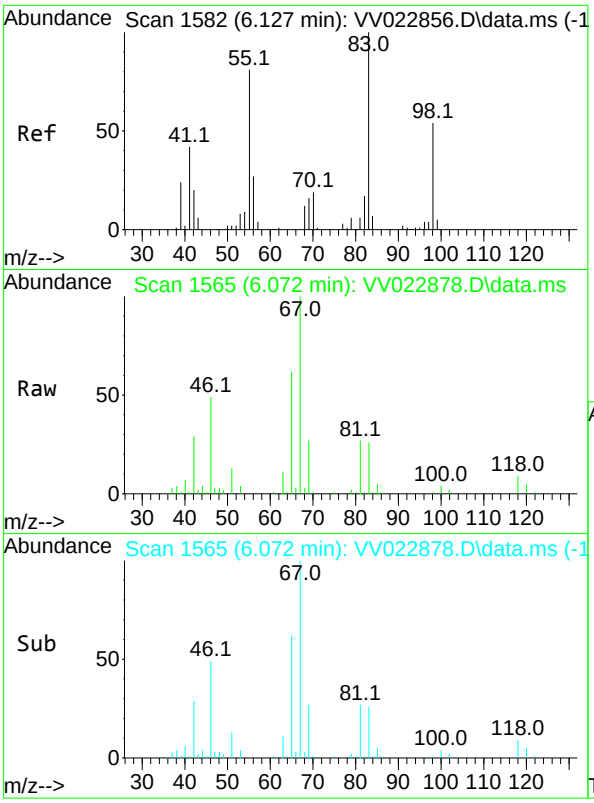




#33
Benzene
Concen: 0.094 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.013 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 78 Resp: 2579

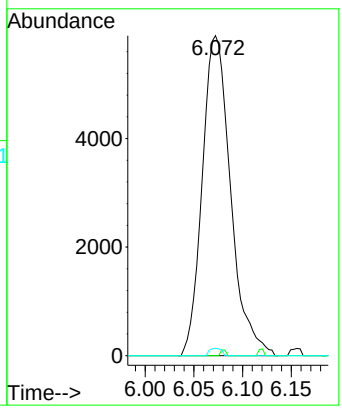




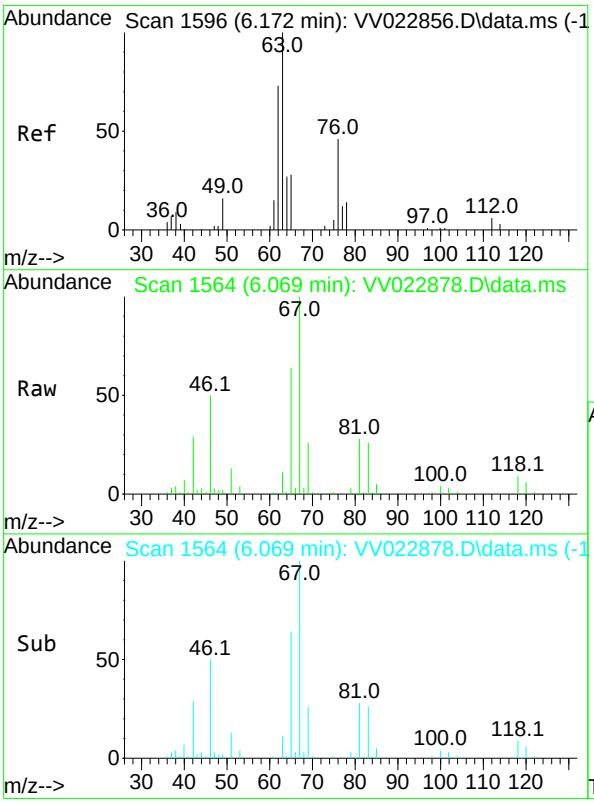
#35
Methylcyclohexane
Concen: 1.146 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 83 Resp: 11945

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.8	95.6#
98	1.0	42.1	63.1#



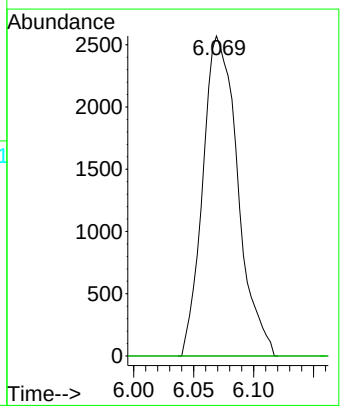
Instrument :
MSVOA_V
ClientSampleId :



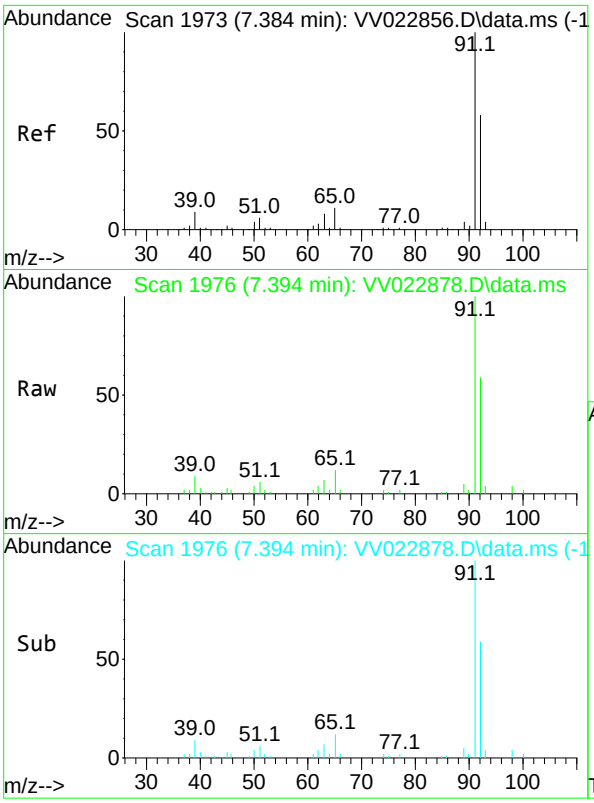
#37
1,2-Dichloropropane
Concen: 0.792 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 63 Resp: 5208

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#



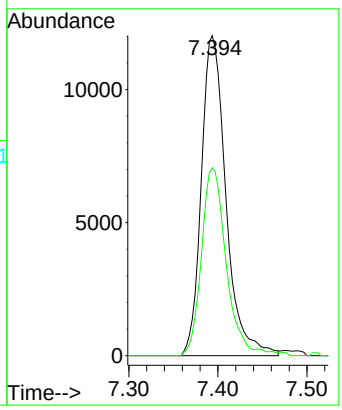
Instrument :
MSVOA_V
ClientSampleId :

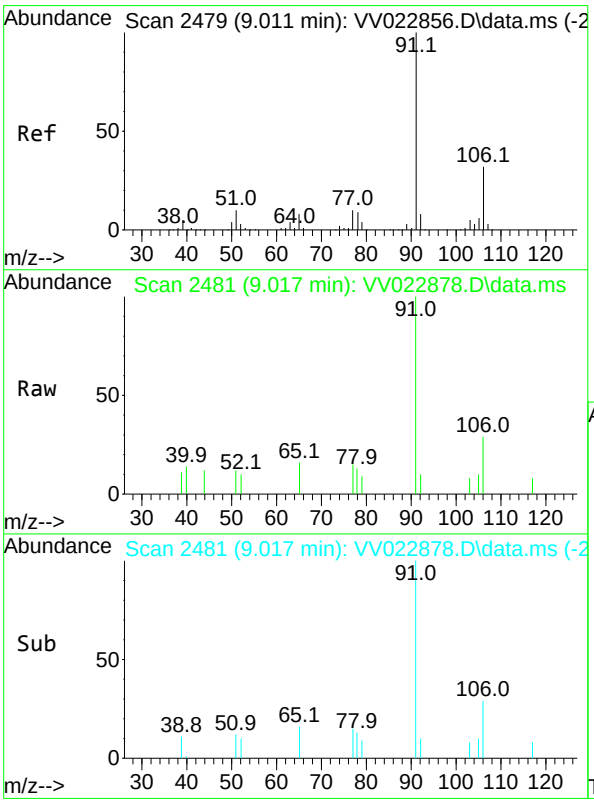


#42
Toluene
Concen: 0.830 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 91 Resp: 23049

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.7	75.7

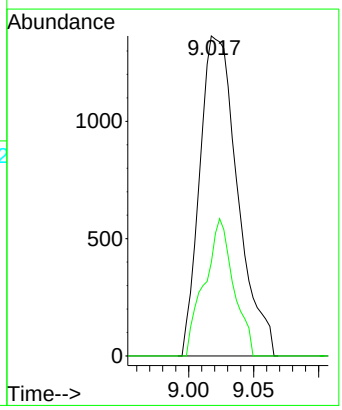




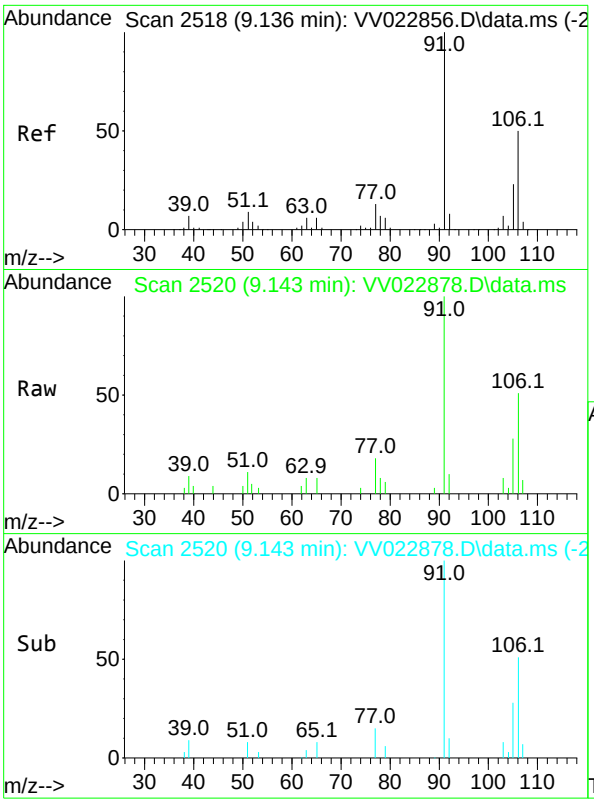
#52
Ethylbenzene
Concen: 0.098 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 91 Resp: 2761

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.6	40.2



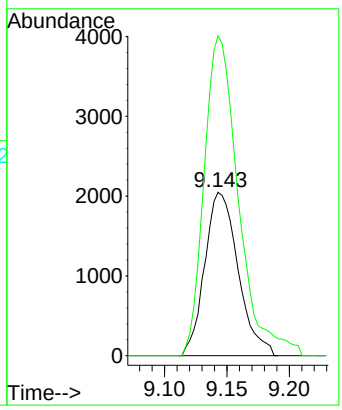
Instrument :
MSVOA_V
ClientSampleId :

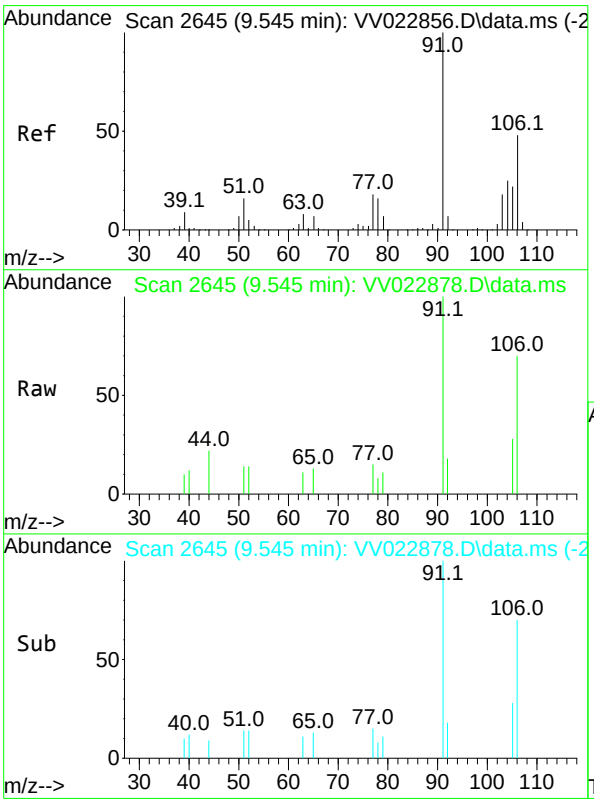


#53
m,p-xylene
Concen: 0.345 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion:106 Resp: 3822

Ion	Ratio	Lower	Upper
106	100		
91	195.8	138.7	257.5

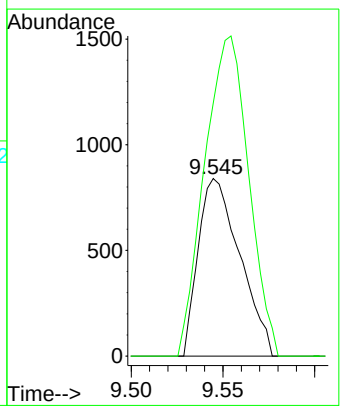


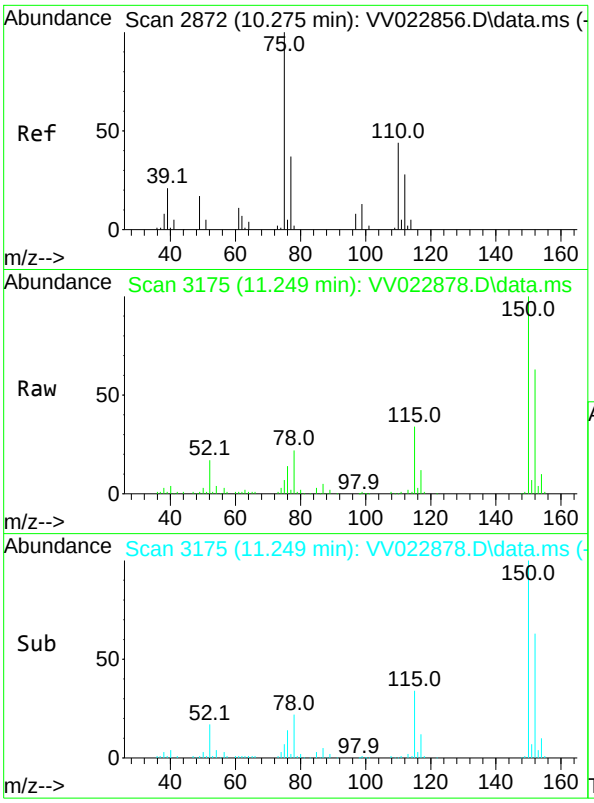


#54
o-xylene
Concen: 0.127 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion:106 Resp: 1325

Ion	Ratio	Lower	Upper
106	100		
91	142.5	151.1	280.7#

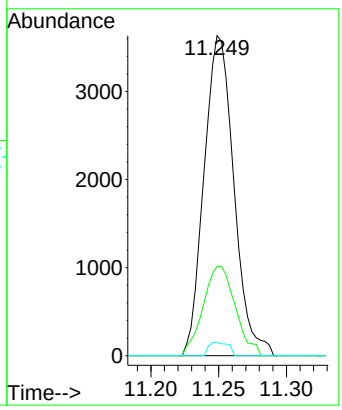




#61
1,2,3-Trichloropropane
Concen: 1.563 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 75 Resp: 5575

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.4	38.2
110	2.8	34.2	51.4#



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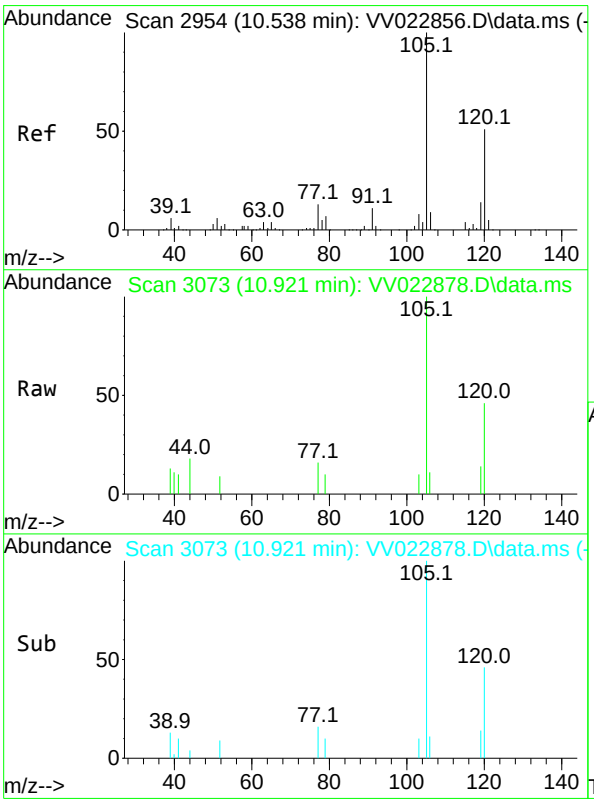
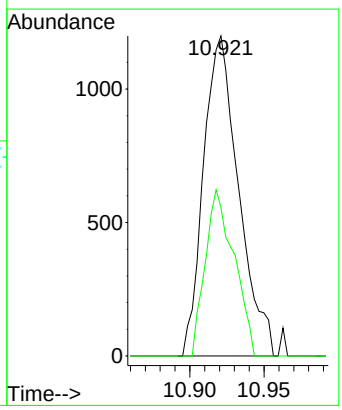


#62
1,3,5-Trimethylbenzene
Concen: 0.094 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.383 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion:105 Resp: 1971

Ion	Ratio	Lower	Upper
105	100		
120	42.5	39.4	59.2



Instrument :
MSVOA_V
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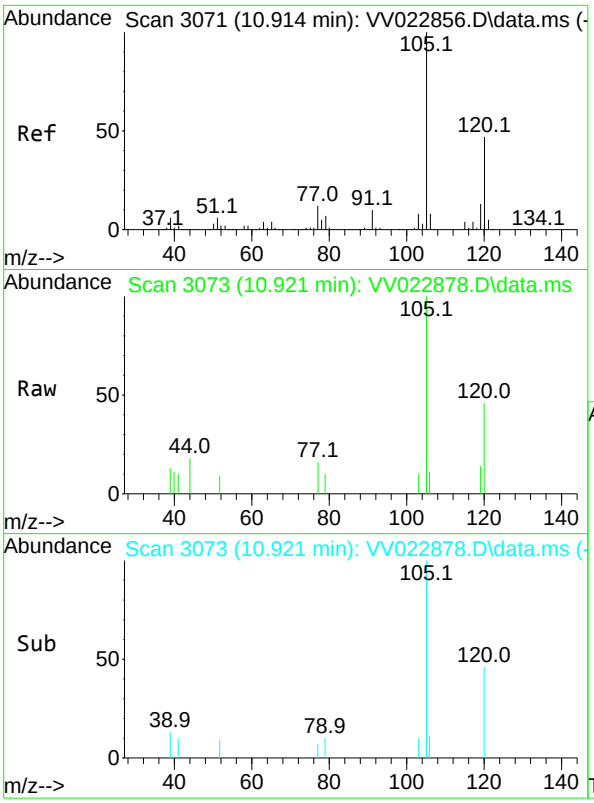
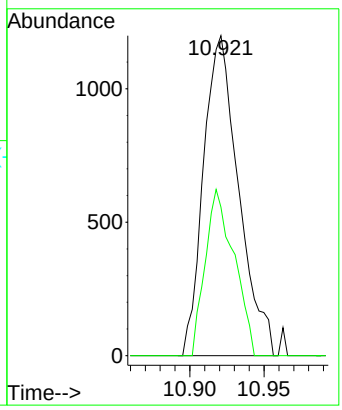
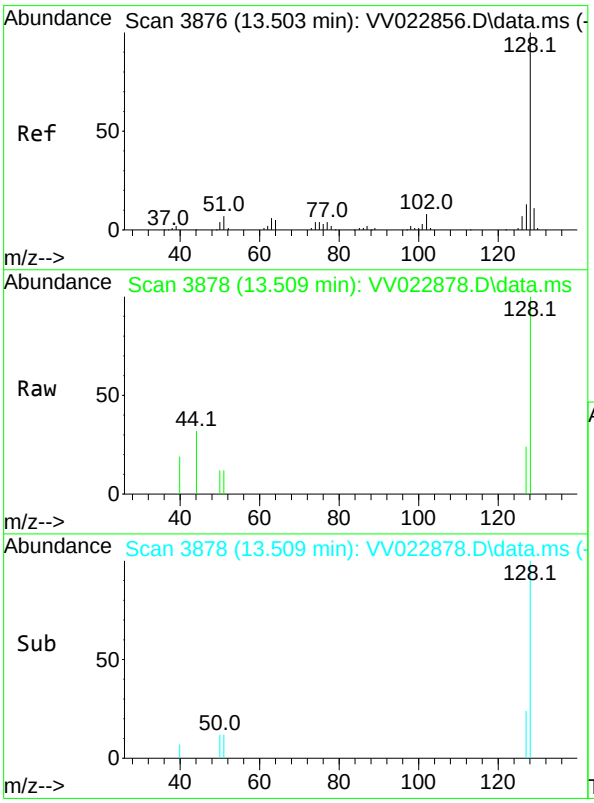


#63
1,2,4-Trimethylbenzene
Concen: 0.093 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion:105 Resp: 1971

Ion	Ratio	Lower	Upper
105	100		
120	42.5	37.3	55.9





#71
Naphthalene
Concen: 0.124 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion:128 Resp: 1551

Ion	Ratio	Lower	Upper
128	100		
129	3.3	9.3	13.9#
127	8.9	10.8	16.2#