Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
Data File : VV022513.D
Acq On : 02 Oct 2021 16:07
Operator : SY/MD
Sample : M3996-13DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 04 02:00:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	236629	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	218565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	106125	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65610	44.832	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.660%			
7) Chloroethane-d5	1.564	69	53439	46.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.900%			
11) 1,1-Dichloroethene-d2	2.108	63	98452	34.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.240%			
21) 2-Butanone-d5	3.886	46	85811	106.524	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.520%			
24) Chloroform-d	4.349	84	114040	42.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.300%			
26) 1,2-Dichloroethane-d4	5.034	65	72822	46.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.900%			
32) Benzene-d6	5.050	84	244700	48.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.660%			
36) 1,2-Dichloropropane-d6	6.072	67	74011	47.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.960%			
41) Toluene-d8	7.317	98	220821	47.544	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.080%			
43) trans-1,3-Dichloroprop...	7.625	79	32531	44.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.220%			
47) 2-Hexanone-d5	8.092	63	53695	83.154	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.150%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	95747	44.173	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.340%			
66) 1,2-Dichlorobenzene-d4	11.625	152	88167	50.945	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.880%			
Target Compounds						Qvalue
13) Acetone	2.127	43	2855	2.806	ug/L	81
17) trans-1,2-Dichloroethene	2.767	96	2840	1.565	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	5249	0.937	ug/L #	1
25) Chloroform	4.381	83	6747	2.088	ug/L	93
27) 1,2-Dichloroethane	5.098	62	3748	1.602	ug/L #	71
29) Cyclohexane	4.677	56	19149	7.517	ug/L	99
33) Benzene	5.101	78	452361	67.031	ug/L	100
34) Trichloroethene	5.918	95	5271	2.991	ug/L	88
35) Methylcyclohexane	6.130	83	8305	3.108	ug/L #	79
37) 1,2-Dichloropropane	6.069	63	8605	4.980	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2142	0.824	ug/L #	60
42) Toluene	7.397	91	5776	0.813	ug/L	83
44) trans-1,3-Dichloropropene	7.625	75	1574	0.629	ug/L #	81
46) Tetrachloroethene	7.979	164	5095	3.454	ug/L	97
49) Dibromochloromethane	7.979	129	4630	2.392	ug/L #	11
52) Ethylbenzene	9.018	91	27221	3.679	ug/L	96
53) m,p-Xylene	9.146	106	5263	1.795	ug/L	91
63) 1,2,4-Trimethylbenzene	10.918	105	18834	3.332	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
Data File : VV022513.D
Acq On : 02 Oct 2021 16:07
Operator : SY/MD
Sample : M3996-13DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 04 02:00:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
Data File : VV022513.D
Acq On : 02 Oct 2021 16:07
Operator : SY/MD
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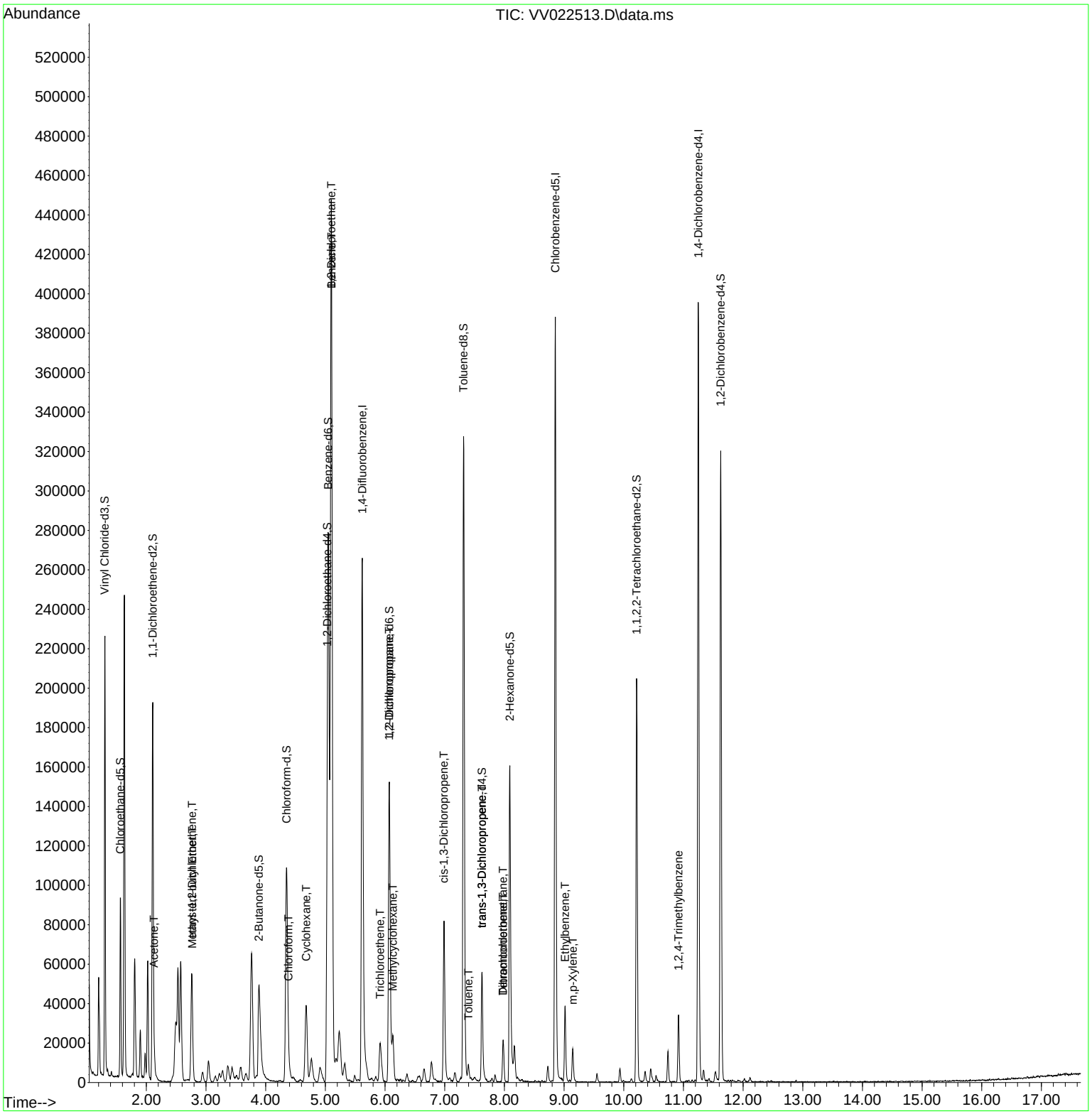
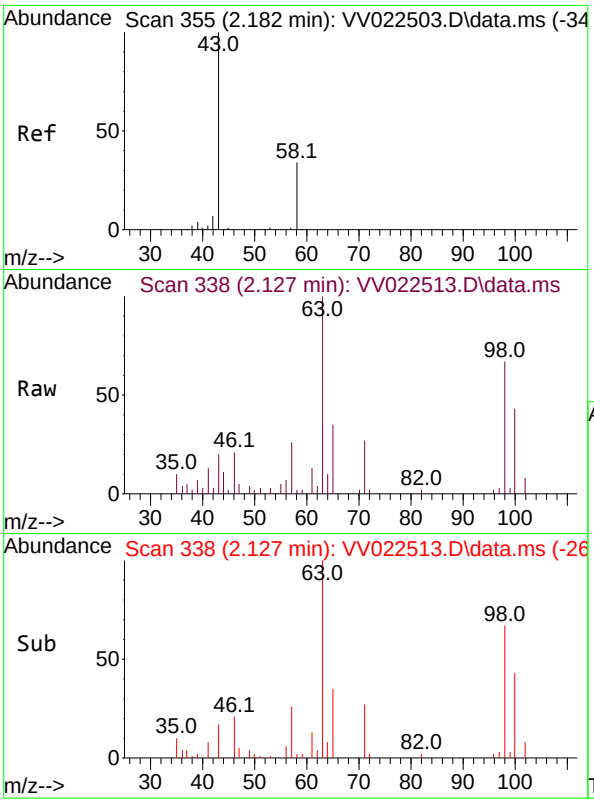
Quant Time: Oct 04 02:00:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration

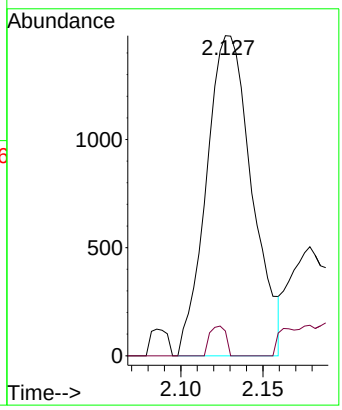




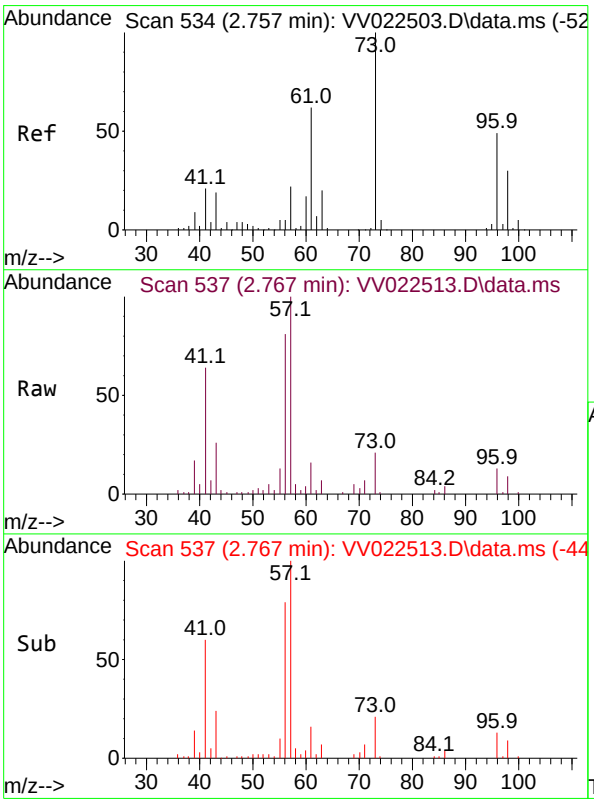
#13
Acetone
Concen: 2.806 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.055 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 43 Resp: 2855

Ion	Ratio	Lower	Upper
43	100		
58	3.3	0.0	21.2



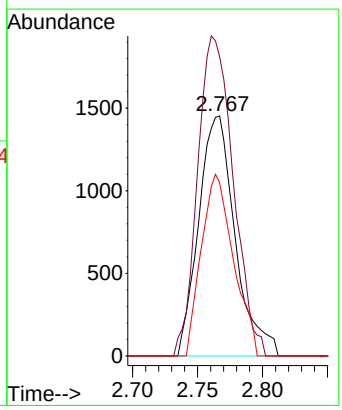
Instrument :
MSVOA_V
ClientSampleId :

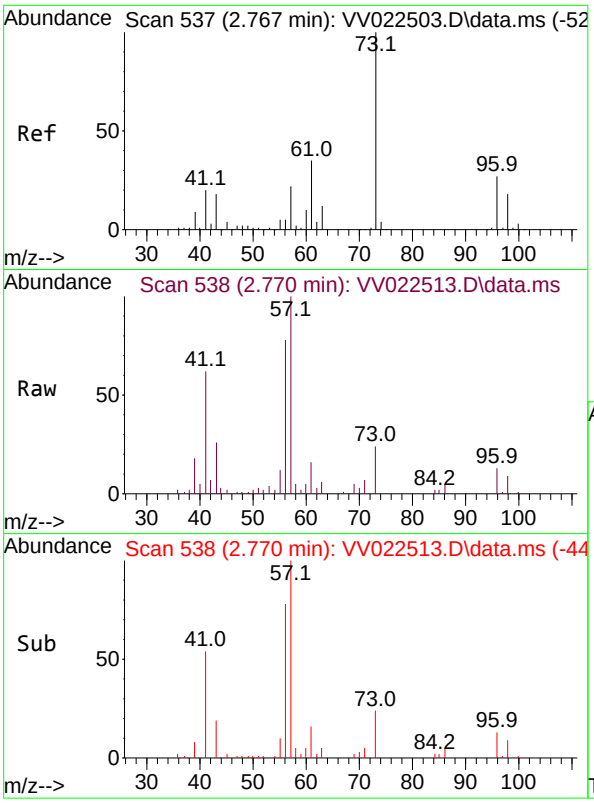


#17
trans-1,2-Dichloroethene
Concen: 1.565 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 96 Resp: 2840

Ion	Ratio	Lower	Upper
96	100		
61	124.6	90.8	168.6
98	72.1	44.0	81.8

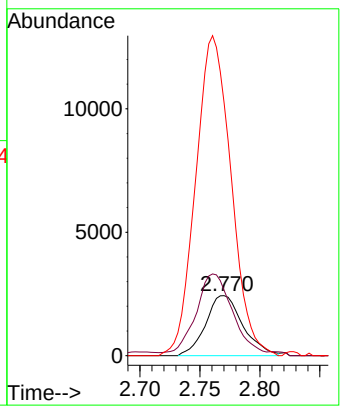




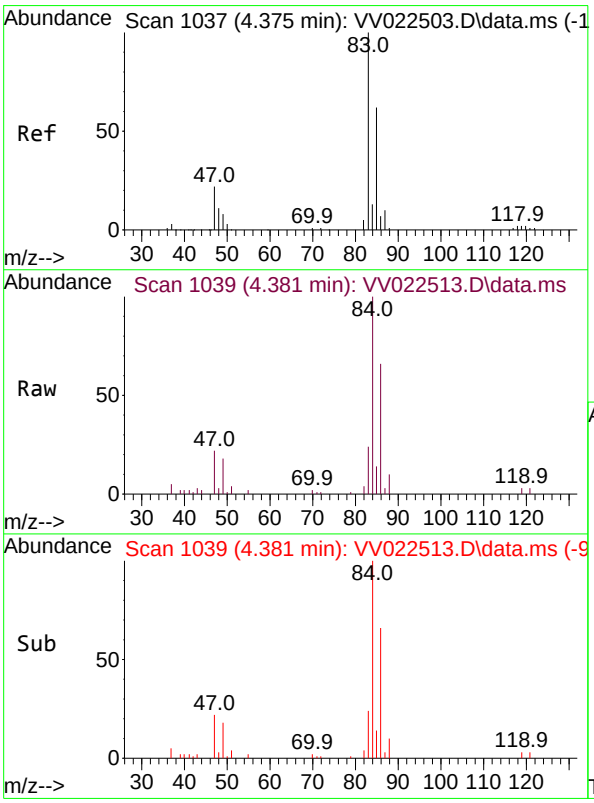
#18
Methyl tert-butyl Ether
Concen: 0.937 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 73 Resp: 5249

Ion	Ratio	Lower	Upper
73	100		
43	123.6	15.1	22.7#
57	507.6	17.6	26.4#



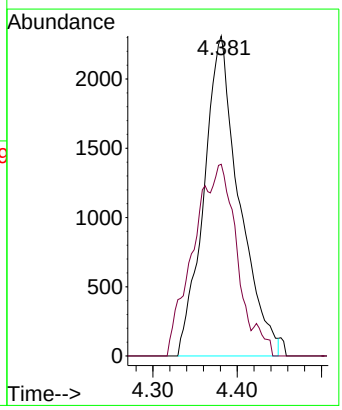
Instrument :
MSVOA_V
ClientSampleId :

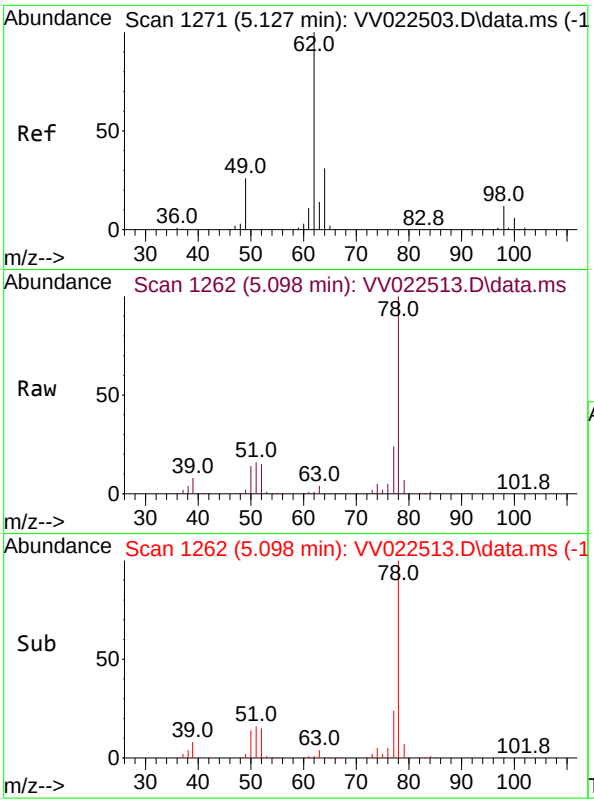


#25
Chloroform
Concen: 2.088 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 83 Resp: 6747

Ion	Ratio	Lower	Upper
83	100		
85	59.9	45.8	85.0

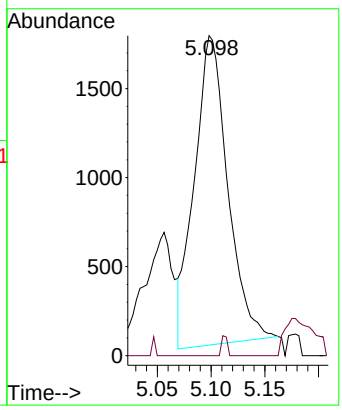




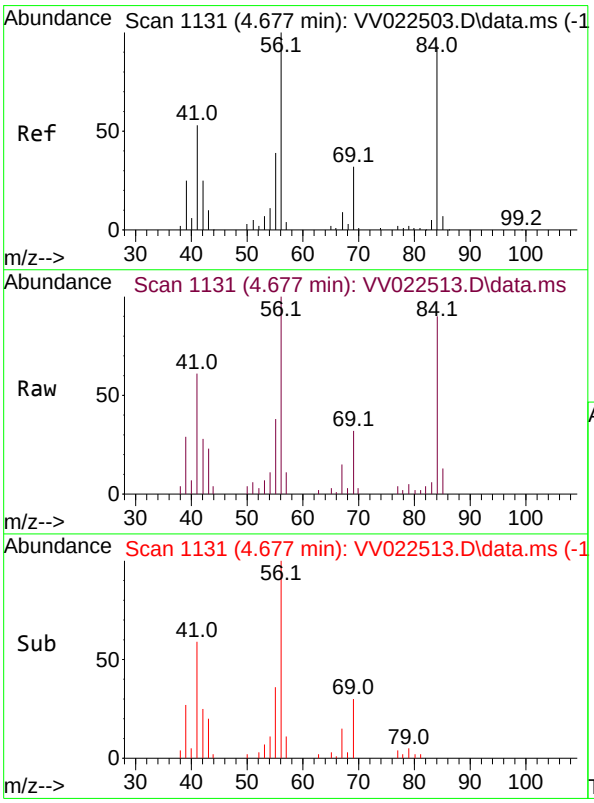
#27
1,2-Dichloroethane
Concen: 1.602 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.029 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 62 Resp: 3748

Ion	Ratio	Lower	Upper
62	100		
98	0.0	9.0	13.4#



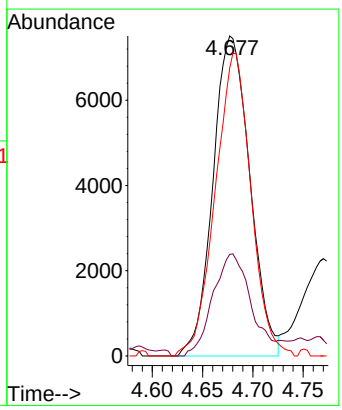
Instrument :
MSVOA_V
ClientSampleId :

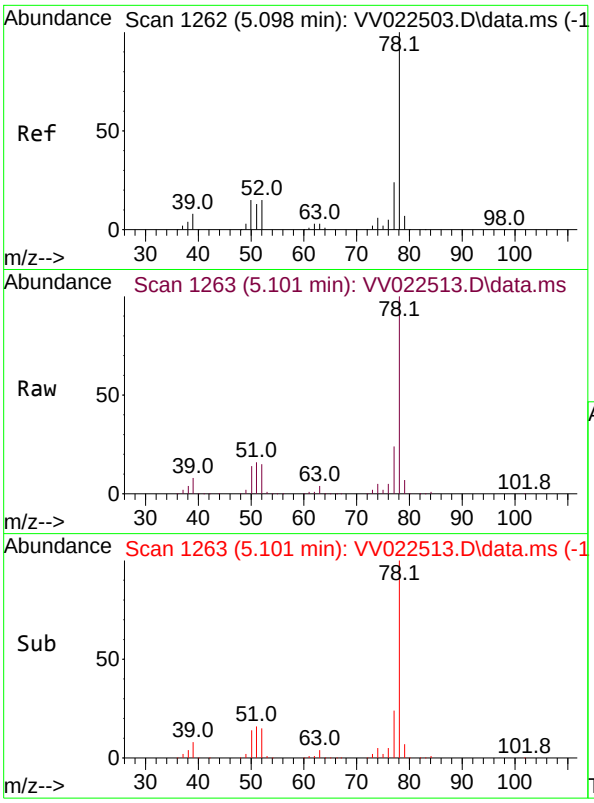


#29
Cyclohexane
Concen: 7.517 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 56 Resp: 19149

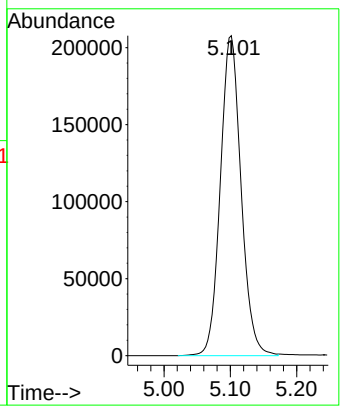
Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.9	37.3
84	91.6	73.9	110.9



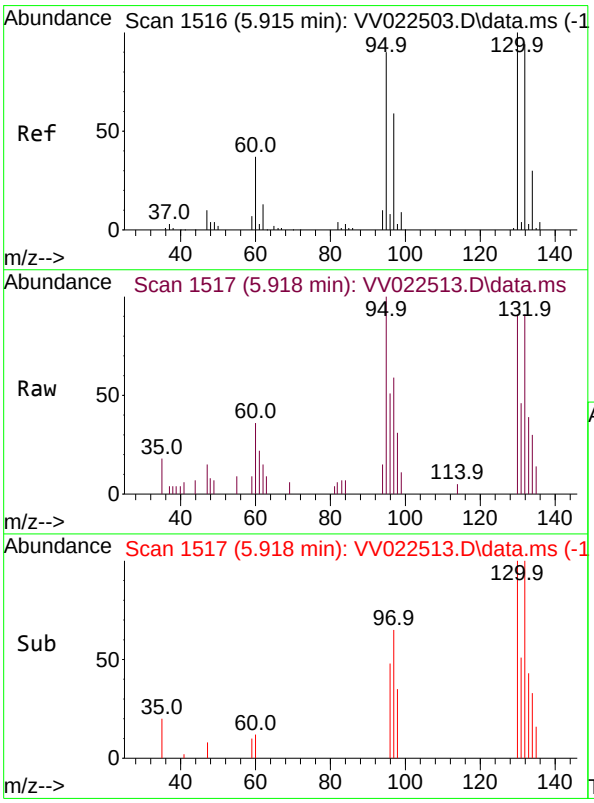


#33
Benzene
Concen: 67.031 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 78 Resp: 452361



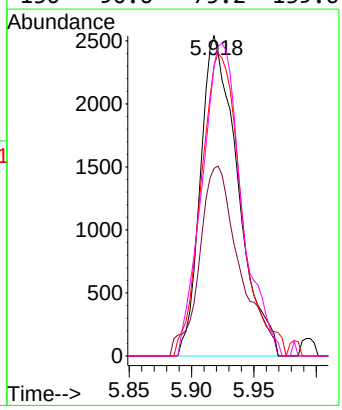
Instrument :
MSVOA_V
ClientSampleId :



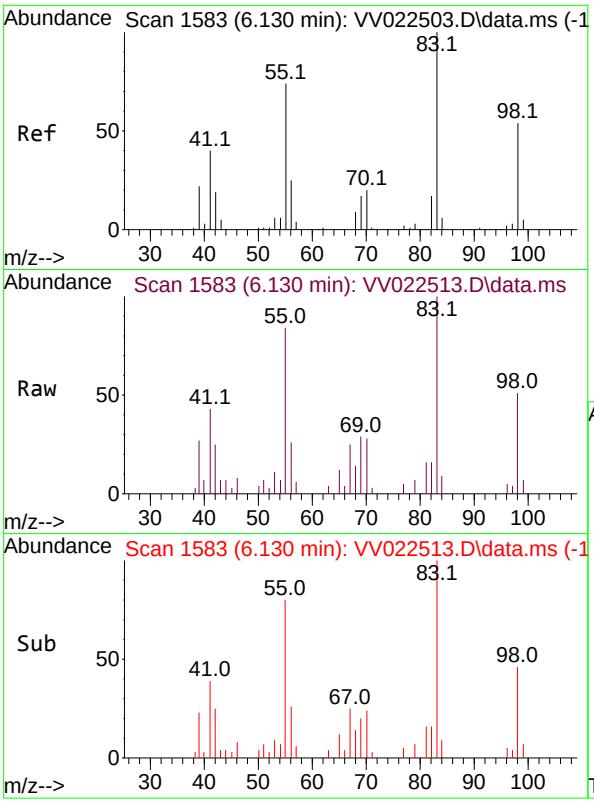
#34
Trichloroethene
Concen: 2.991 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 95 Resp: 5271

Ion	Ratio	Lower	Upper
95	100		
97	58.6	45.4	84.4
132	90.6	71.5	132.9
130	90.6	75.2	139.6



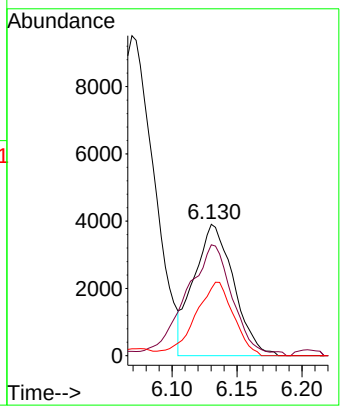
Instrument :
MSVOA_V
ClientSampleId :

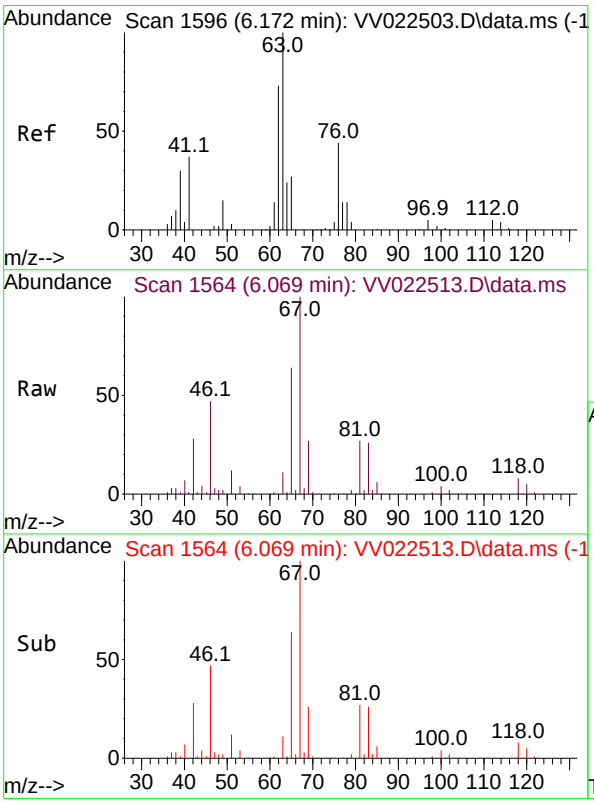


#35
Methylcyclohexane
Concen: 3.108 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 83 Resp: 8305

Ion	Ratio	Lower	Upper
83	100		
55	98.2	56.7	85.1#
98	53.7	40.6	60.8

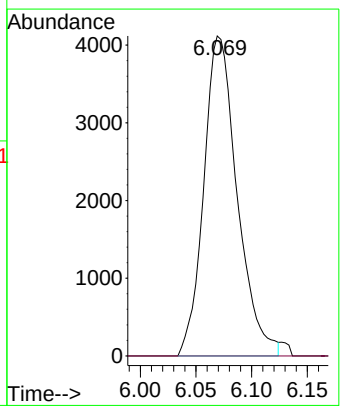




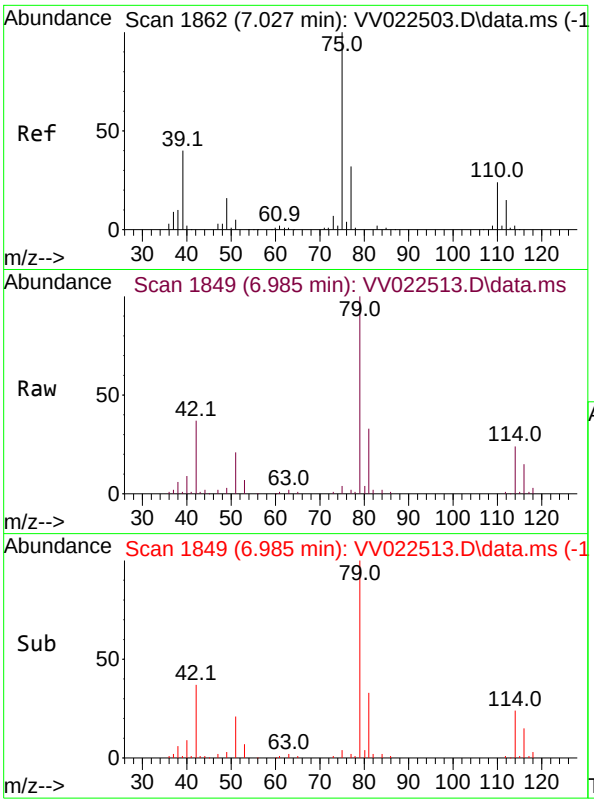
#37
1,2-Dichloropropane
Concen: 4.980 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 63 Resp: 8605

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#



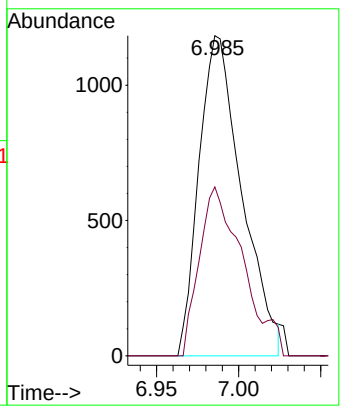
Instrument :
MSVOA_V
ClientSampleId :

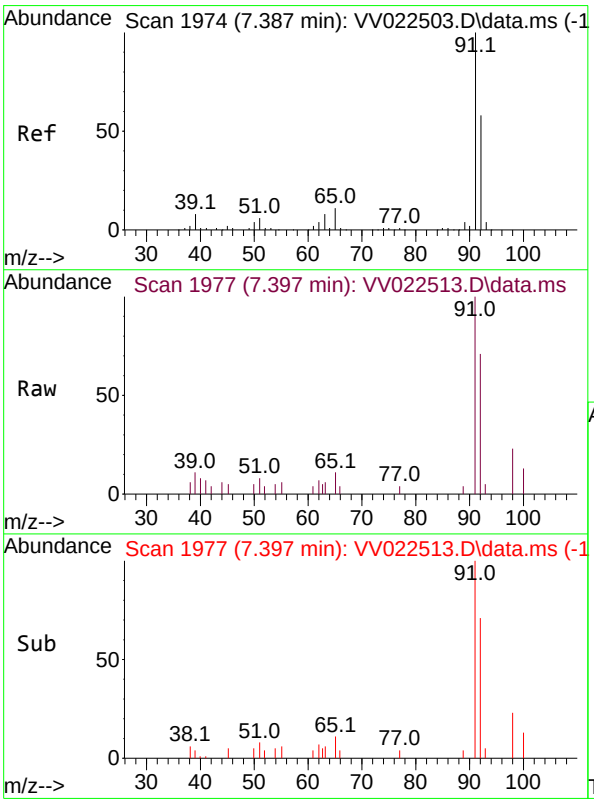


#39
cis-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 75 Resp: 2142

Ion	Ratio	Lower	Upper
75	100		
77	52.7	21.6	40.2#

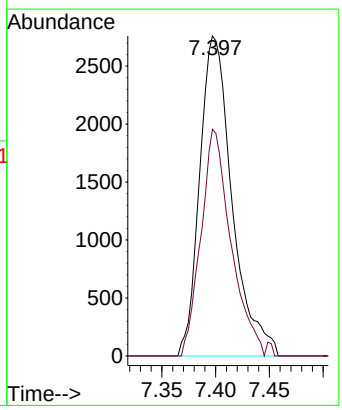


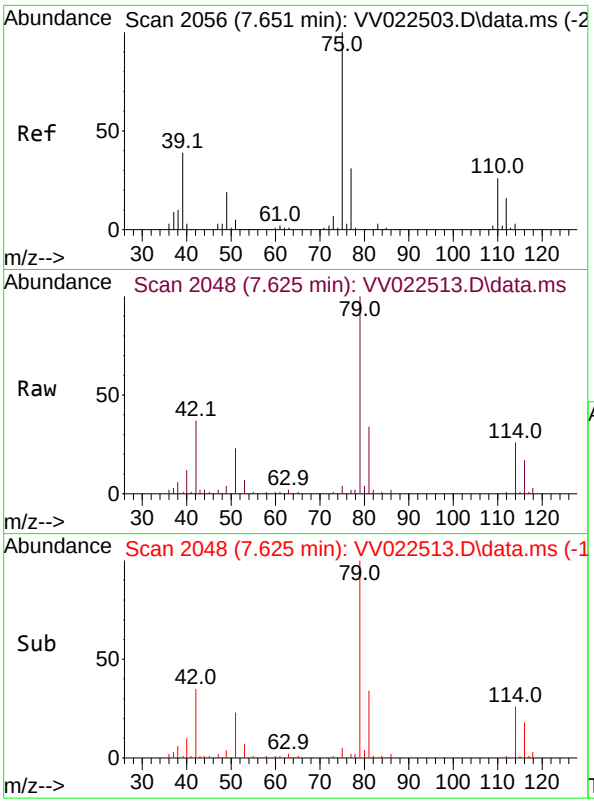


#42
Toluene
Concen: 0.813 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 91 Resp: 5776

Ion	Ratio	Lower	Upper
91	100		
92	70.8	40.6	75.4

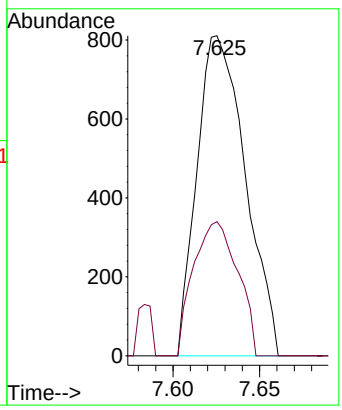




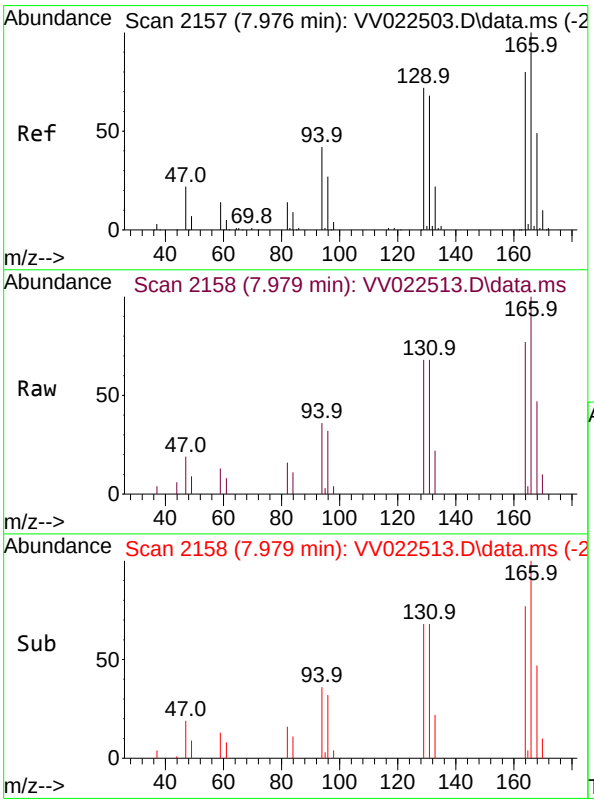
#44
trans-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 75 Resp: 1574

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.0	40.8#



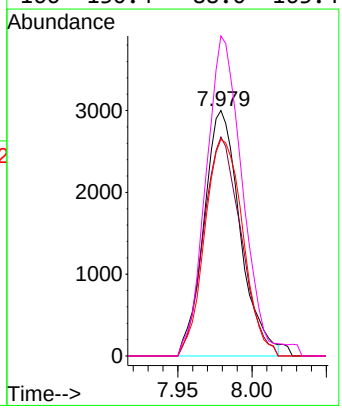
Instrument :
MSVOA_V
ClientSampleId :

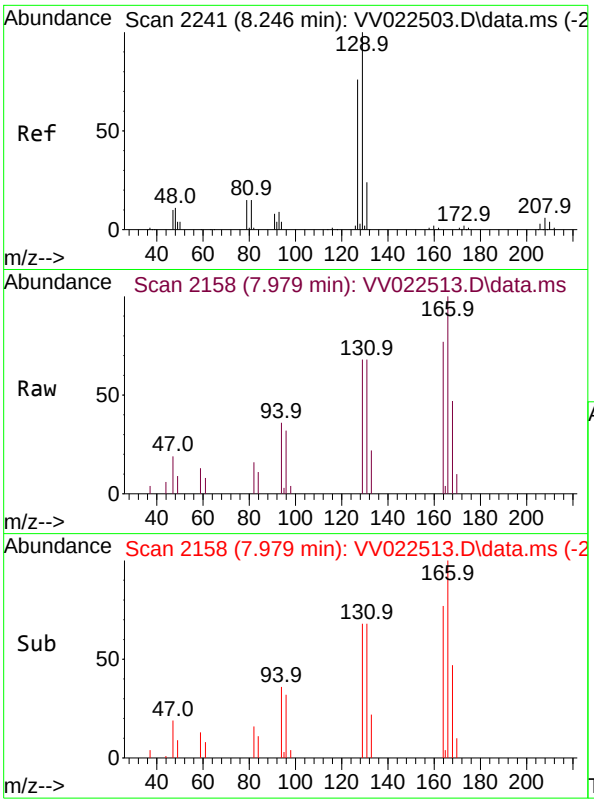


#46
Tetrachloroethene
Concen: 3.454 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion:164 Resp: 5095

Ion	Ratio	Lower	Upper
164	100		
129	89.2	64.6	120.0
131	88.2	59.9	111.3
166	130.4	88.0	163.4

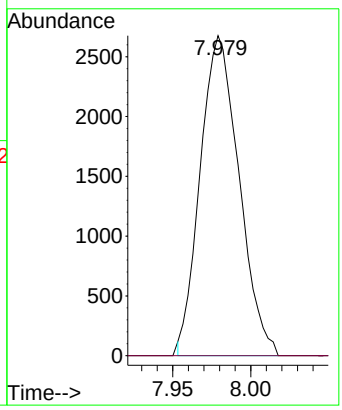




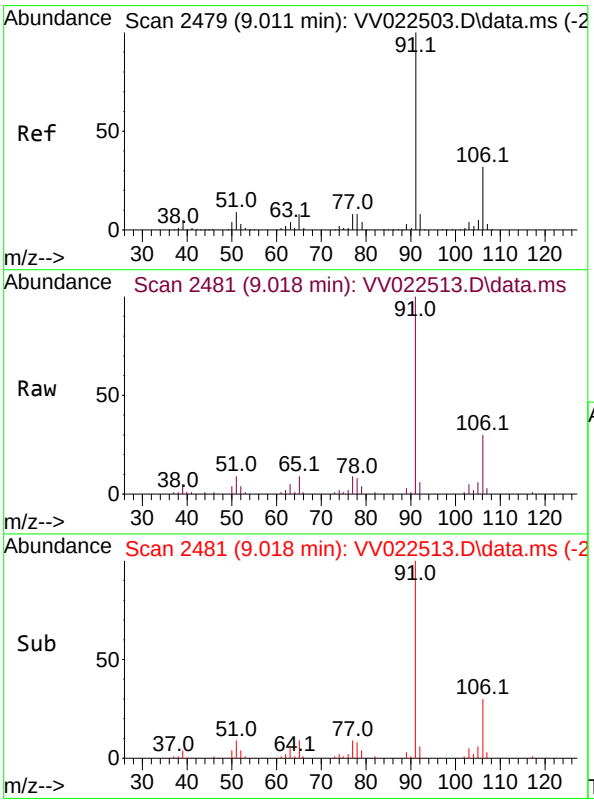
#49
Dibromochloromethane
Concen: 2.392 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion:129 Resp: 4630

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#



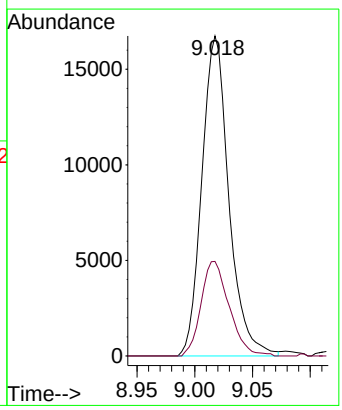
Instrument :
MSVOA_V
ClientSampleId :



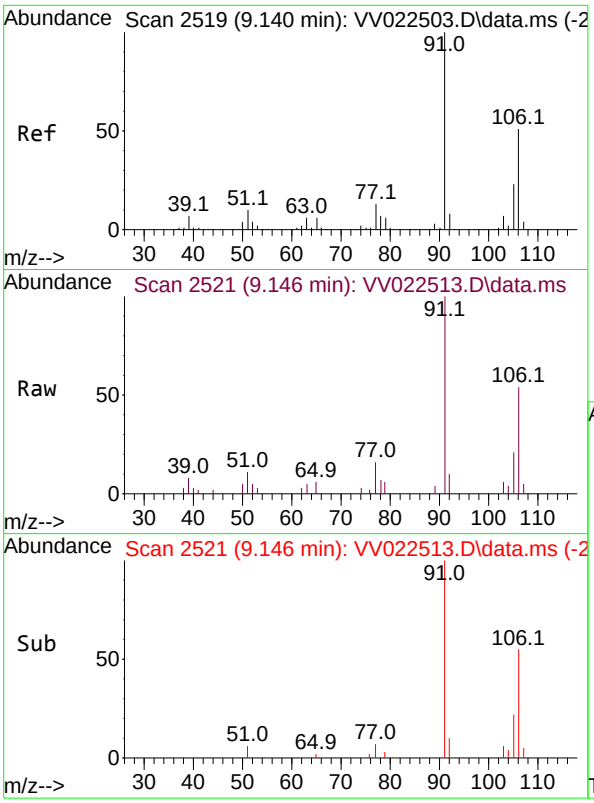
#52
Ethylbenzene
Concen: 3.679 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion: 91 Resp: 27221

Ion	Ratio	Lower	Upper
91	100		
106	29.5	22.0	41.0



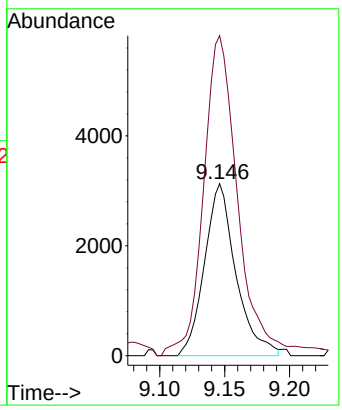
Instrument :
MSVOA_V
ClientSampleId :

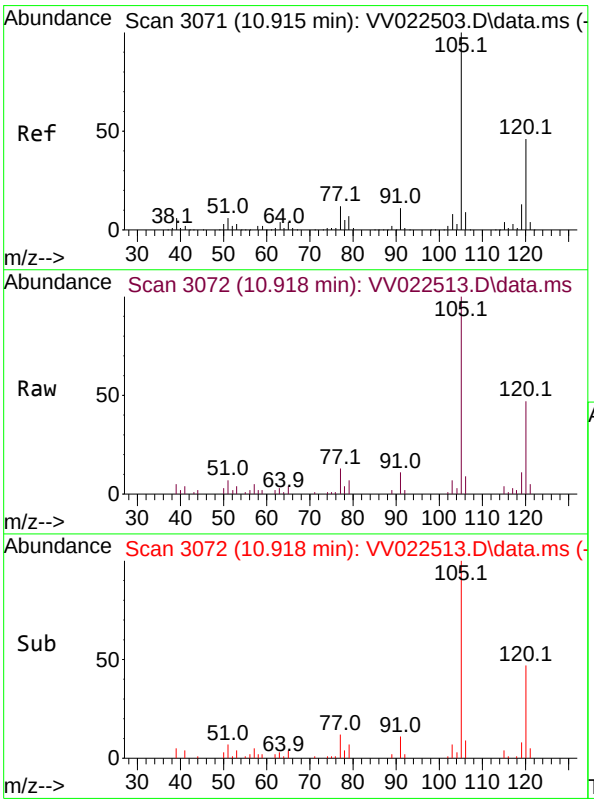


#53
m,p-Xylene
Concen: 1.795 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion:106 Resp: 5263

Ion	Ratio	Lower	Upper
106	100		
91	186.1	139.4	258.8





#63
1,2,4-Trimethylbenzene
Concen: 3.332 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022513.D
Acq: 02 Oct 2021 16:07

Tgt Ion:105 Resp: 18834

Ion	Ratio	Lower	Upper
105	100		
120	48.6	37.4	56.0