Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022901.D
Acq On : 19 Oct 2021 05:29
Operator : SY/MD
Sample : M4137-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFGD4

Quant Time: Oct 19 09:00:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102224	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123667	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31676	4.504	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.000%			
7) Chloroethane-d5	1.568	69	25593	4.049	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.000%			
11) 1,1-Dichloroethene-d2	2.108	63	40886	2.964	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.200%#			
20) 2-Butanone-d5	3.889	46	74963	40.650	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.300%			
24) Chloroform-d	4.352	84	74755	5.158	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.200%			
26) 1,2-Dichloroethane-d4	5.037	65	35079	4.987	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.800%			
32) Benzene-d6	5.053	84	140601	3.819	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.400%			
36) 1,2-Dichloropropane-d6	6.072	67	43589	3.998	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.000%			
41) Toluene-d8	7.317	98	119190	3.745	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.000%			
43) trans-1,3-Dichloroprop...	7.625	79	13164	3.640	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.800%			
46) 2-Hexanone-d5	8.092	63	63312	43.438	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.880%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38530	5.217	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	56354	5.341	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	3187	0.412	ug/L #	68
8) Chloroethane	1.552	64	5160	1.078	ug/L #	53
17) Methyl tert-butyl Ether	2.770	73	12039	0.806	ug/L	97
19) 1,1-Dichloroethane	3.191	63	21940	1.814	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	20855	2.958	ug/L	97
25) Chloroform	4.378	83	8542	0.609	ug/L	99
27) 1,2-Dichloroethane	5.153	62	857	0.122	ug/L #	69
34) Trichloroethene	5.918	95	11135	1.229	ug/L	95
35) Methylcyclohexane	6.072	83	11375	0.896	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5068	0.633	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	985	0.093	ug/L	92
42) Toluene	7.397	91	4518	0.134	ug/L	90
47) Tetrachloroethene	7.976	164	45703	6.239	ug/L	96
48) 2-Hexanone	8.088	43	7381	2.345	ug/L #	71
49) Dibromochloromethane	7.976	129	38824	5.579	ug/L #	7
53) m,p-xylene	9.146	106	1097	0.081	ug/L	64
61) 1,2,3-Trichloropropane	11.249	75	6129	1.550	ug/L #	62

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022901.D
Acq On : 19 Oct 2021 05:29
Operator : SY/MD
Sample : M4137-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGD4

Quant Time: Oct 19 09:00:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration

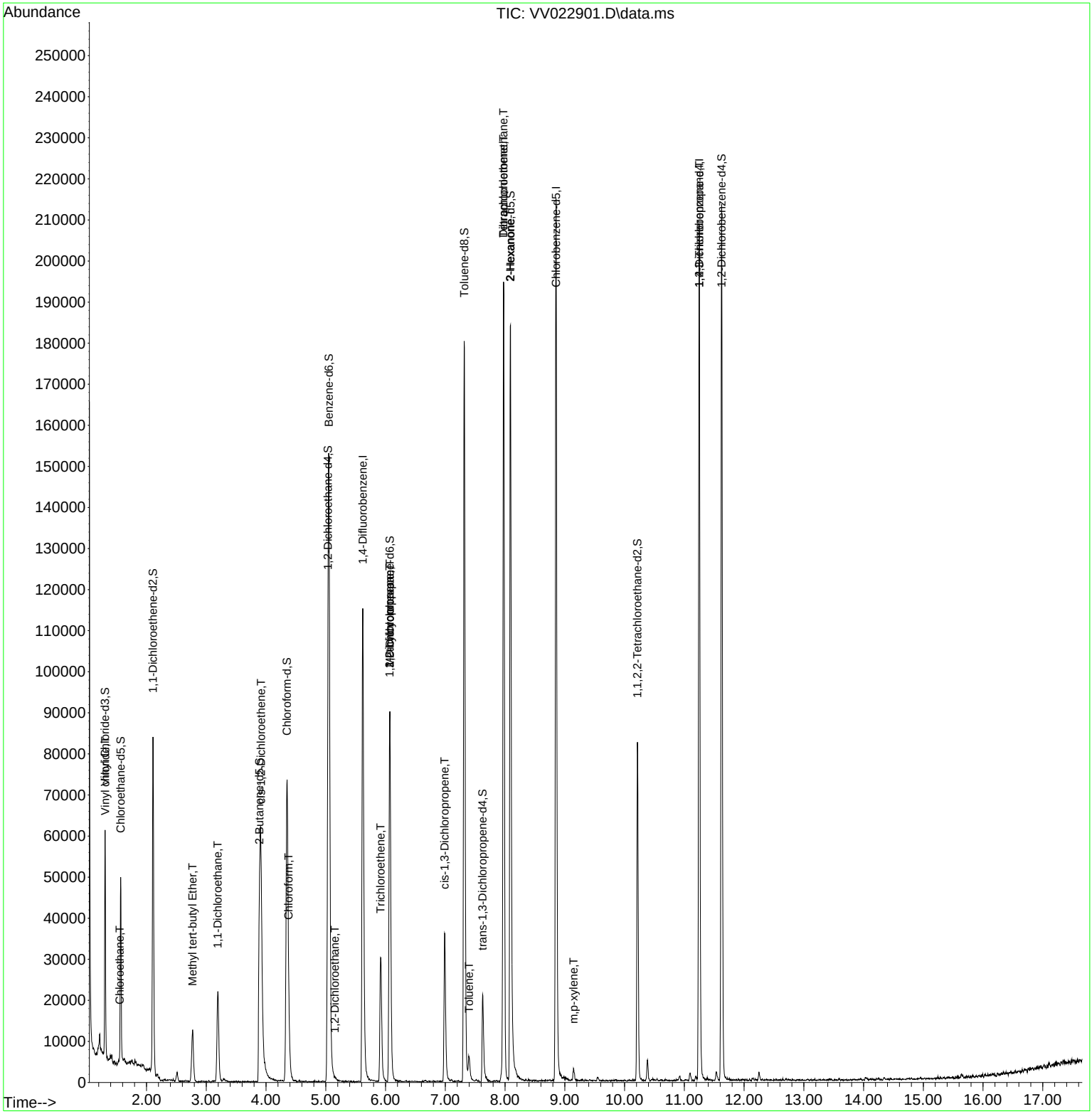
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

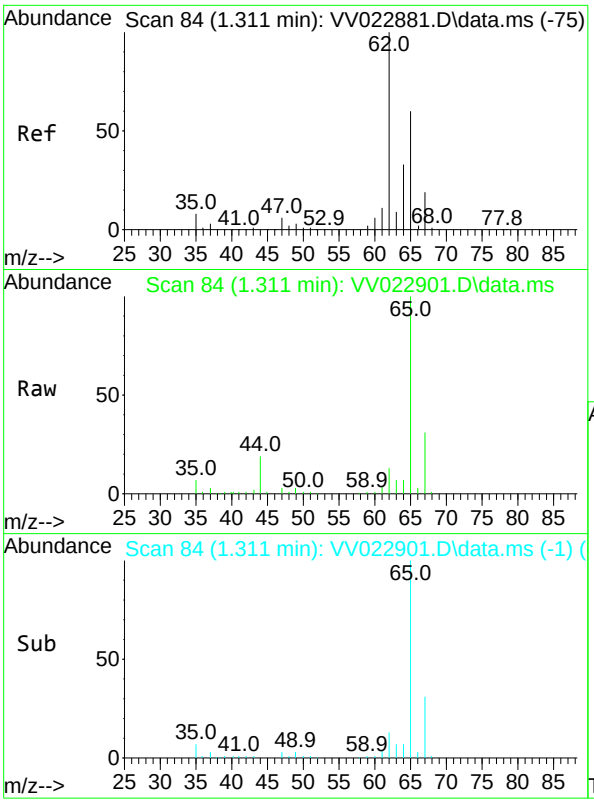
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022901.D
Acq On : 19 Oct 2021 05:29
Operator : SY/MD
Sample : M4137-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGD4

Quant Time: Oct 19 09:00:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration



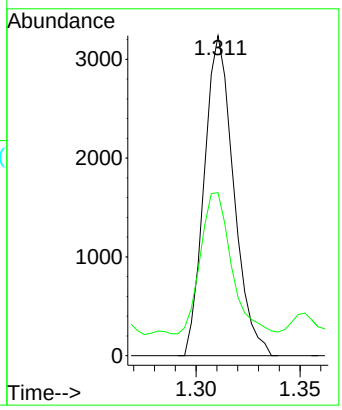
Instrument :
MSVOA_V
ClientSampleId :
BFGD4

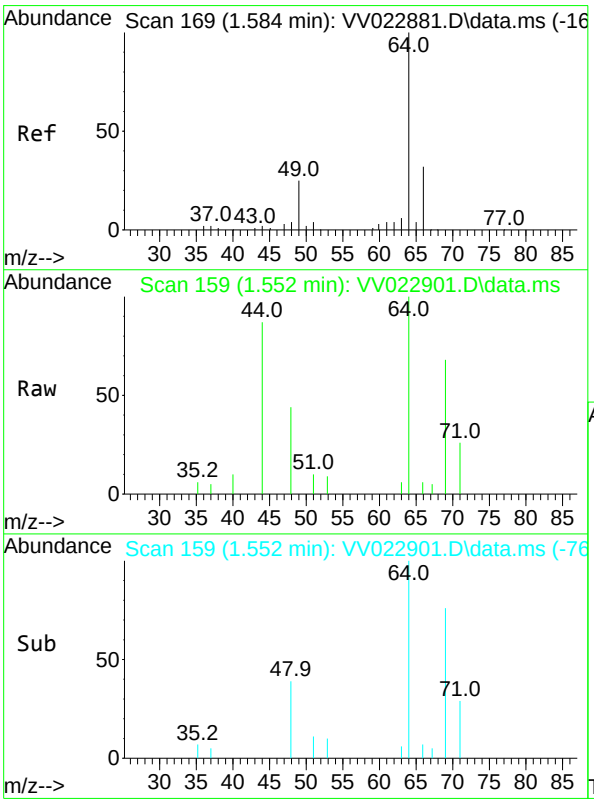


#5
Vinyl chloride
Concen: 0.412 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 62 Resp: 3187

Ion	Ratio	Lower	Upper
62	100		
64	50.9	23.0	42.8#

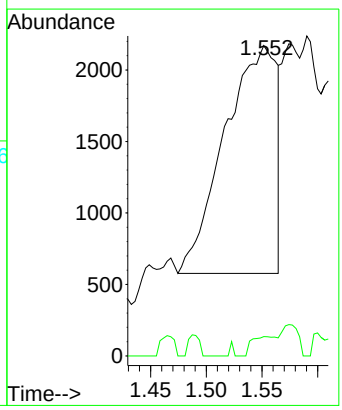




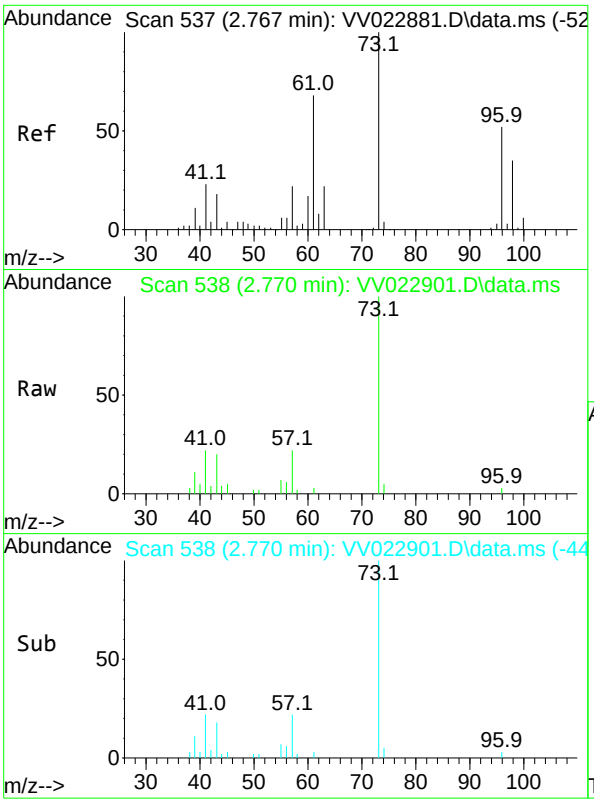
#8
Chloroethane
Concen: 1.078 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.032 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 64 Resp: 5160

Ion	Ratio	Lower	Upper
64	100		
66	6.3	22.9	42.5#



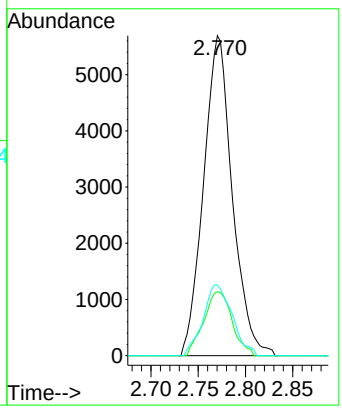
Instrument :
MSVOA_V
ClientSampleId :
BFGD4

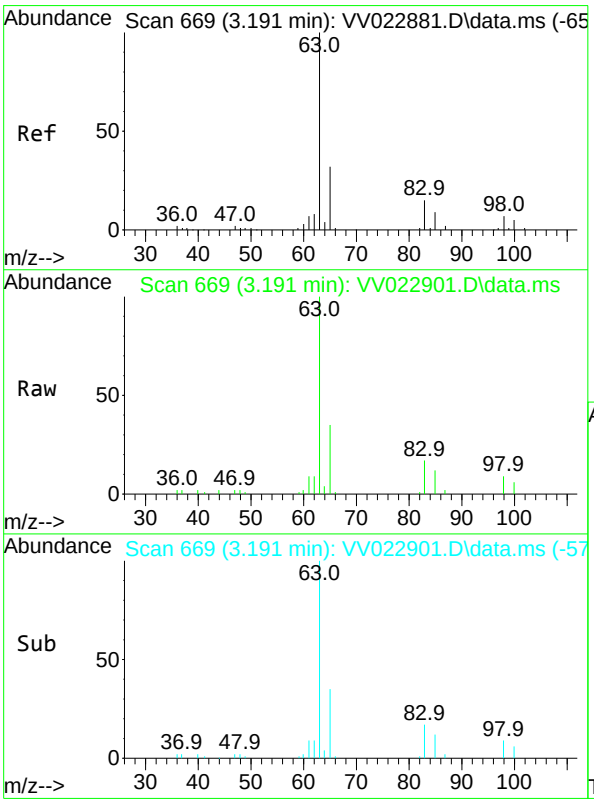


#17
Methyl tert-butyl Ether
Concen: 0.806 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 73 Resp: 12039

Ion	Ratio	Lower	Upper
73	100		
43	19.7	17.1	25.7
57	22.3	17.2	25.8

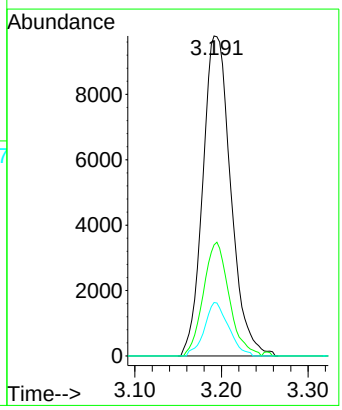


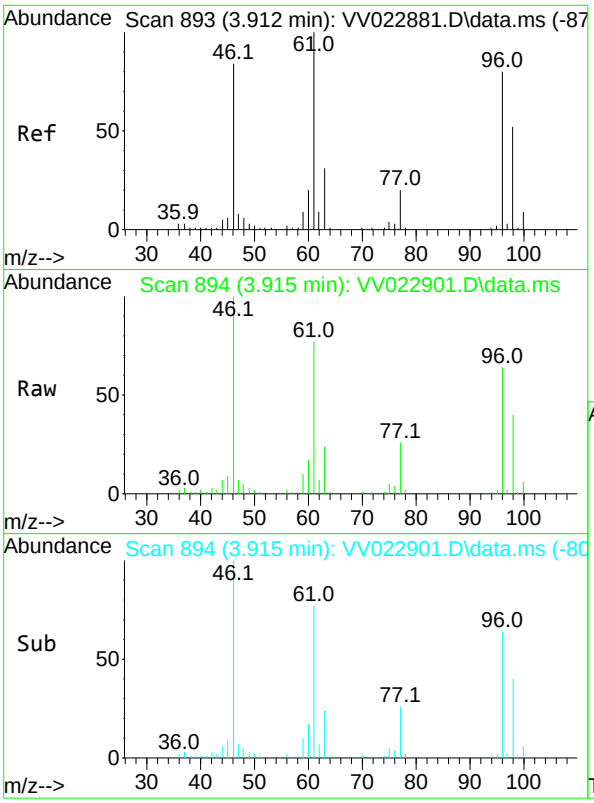


#19
1,1-Dichloroethane
Concen: 1.814 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 63 Resp: 21940

Ion	Ratio	Lower	Upper
63	100		
65	34.7	23.5	43.7
83	16.7	10.1	18.7

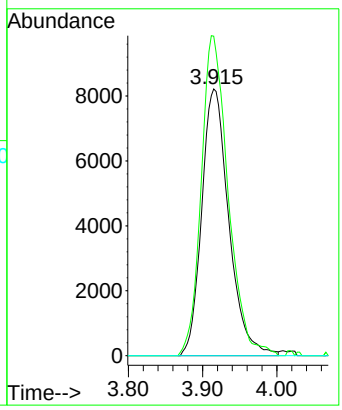




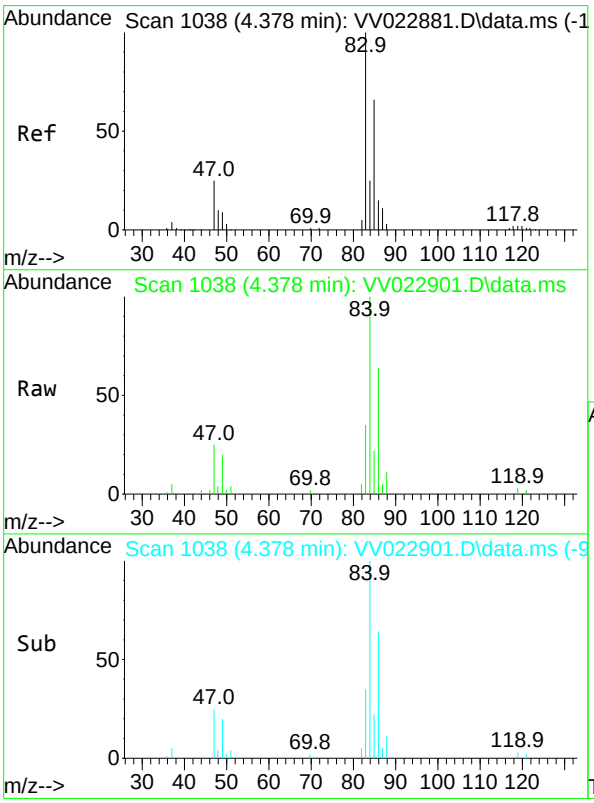
#22
cis-1,2-Dichloroethene
Concen: 2.958 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 96 Resp: 20855

Ion	Ratio	Lower	Upper
96	100		
61	119.8	86.0	159.6
68	0.0	0.0	0.0



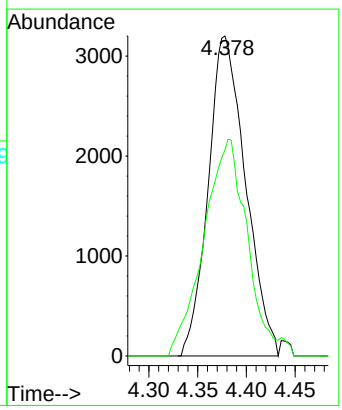
Instrument :
MSVOA_V
ClientSampleId :
BFGD4

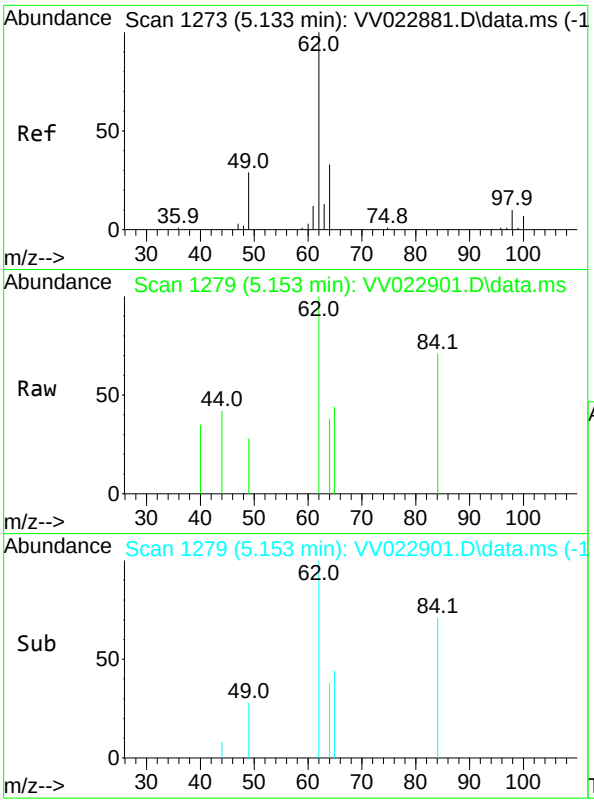


#25
Chloroform
Concen: 0.609 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 83 Resp: 8542

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.7	84.9

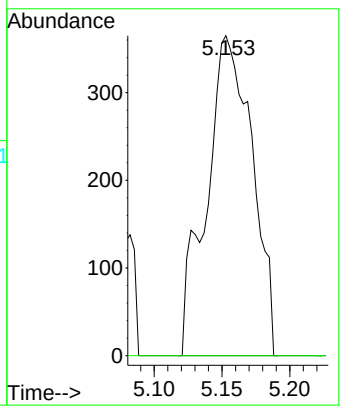




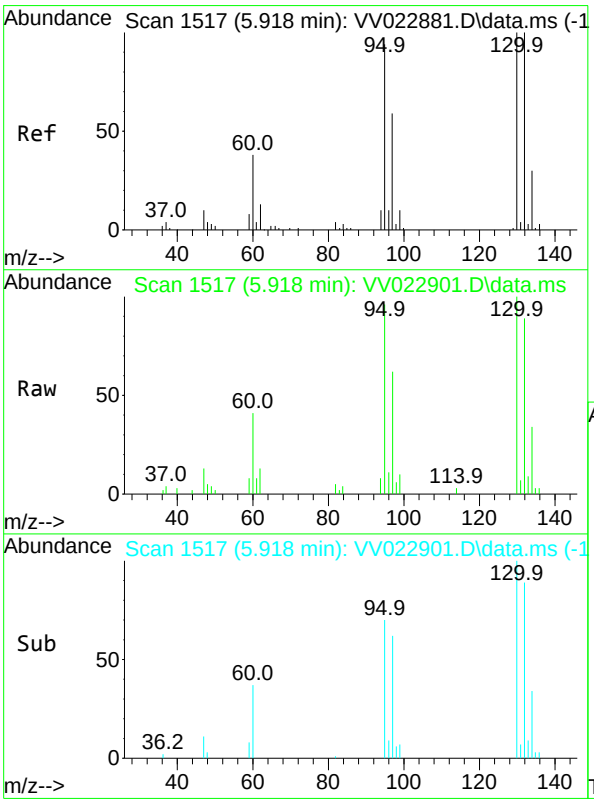
#27
1,2-Dichloroethane
Concen: 0.122 ug/L
RT: 5.153 min Scan# 1279
Delta R.T. 0.019 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 62 Resp: 857

Ion	Ratio	Lower	Upper
62	100		
98	0.0	9.7	14.5#



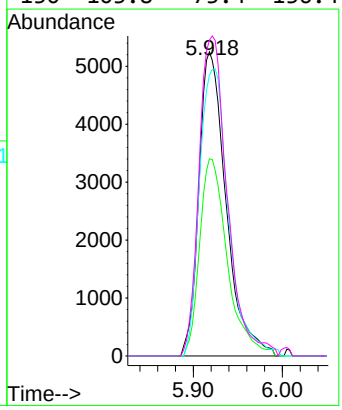
Instrument :
MSVOA_V
ClientSampleId :
BFGD4

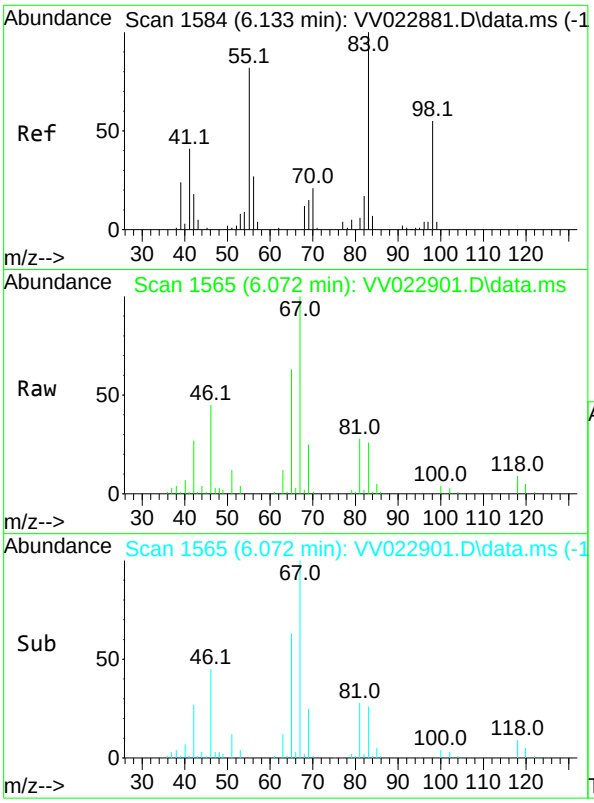


#34
Trichloroethene
Concen: 1.229 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 95 Resp: 11135

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.8	85.2
132	92.3	72.2	134.0
130	103.8	73.4	136.4

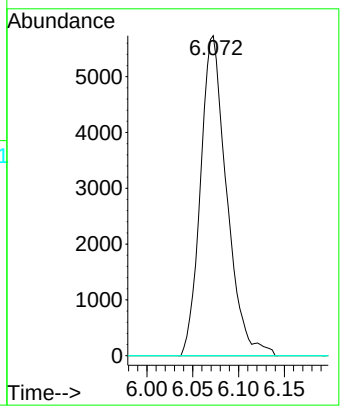




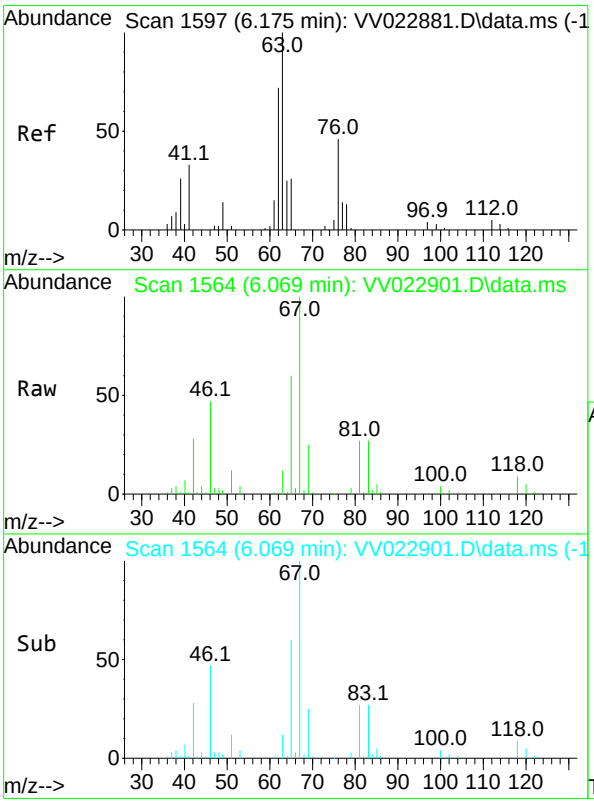
#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 83 Resp: 11375

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	3.8	42.1	63.1#



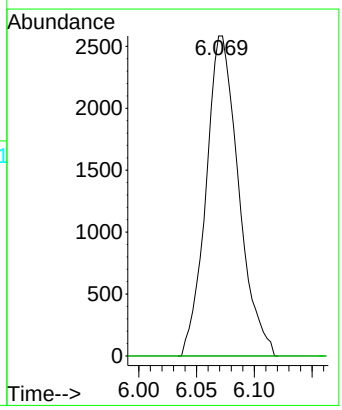
Instrument :
MSVOA_V
ClientSampleId :
BFGD4



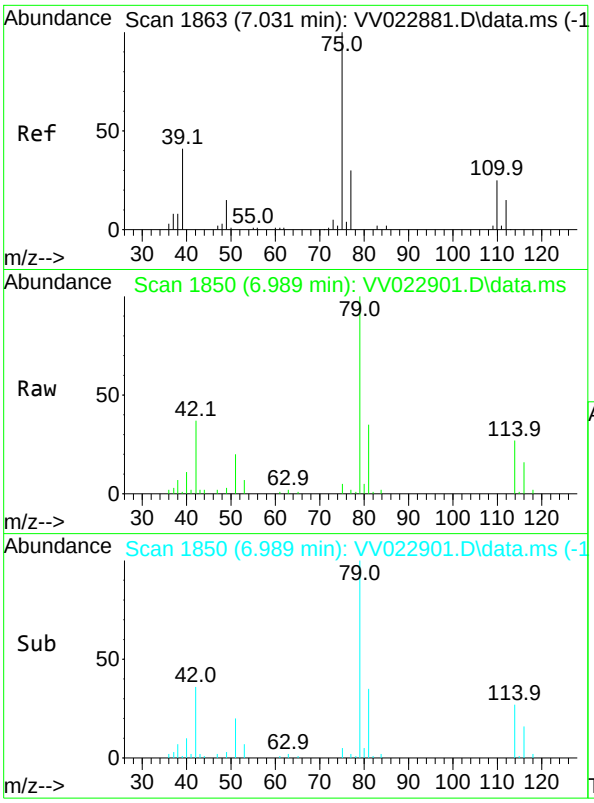
#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 63 Resp: 5068

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#



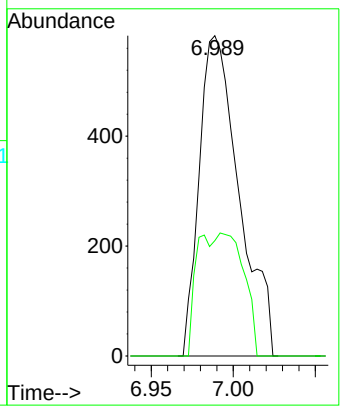
Instrument :
MSVOA_V
ClientSampleId :
BFGD4

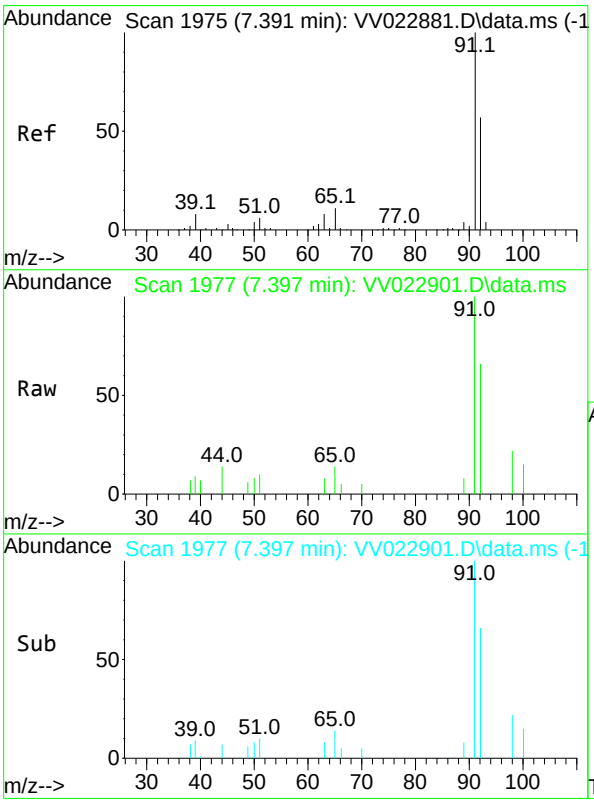


#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 75 Resp: 985

Ion	Ratio	Lower	Upper
75	100		
77	36.0	22.3	41.3

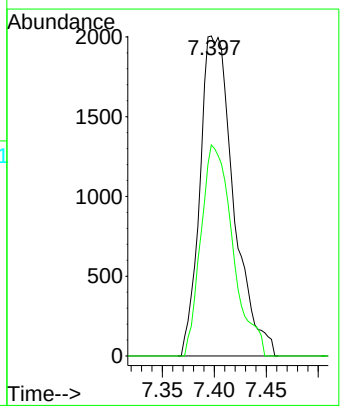




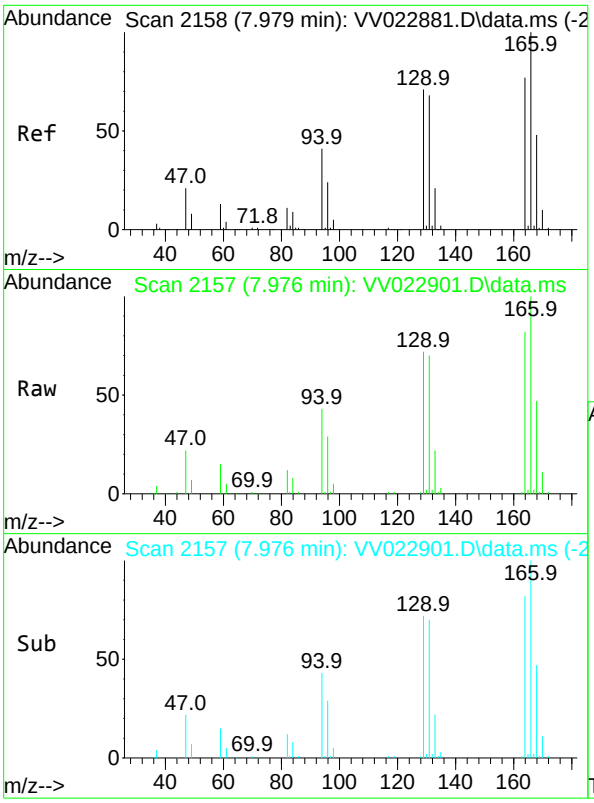
#42
Toluene
Concen: 0.134 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 91 Resp: 4518

Ion	Ratio	Lower	Upper
91	100		
92	66.0	40.7	75.7



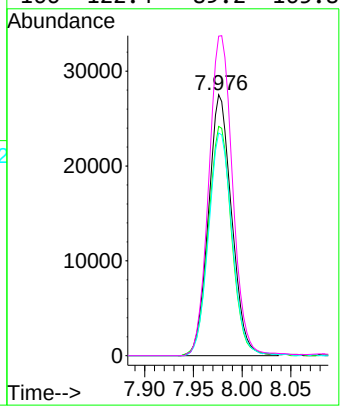
Instrument :
MSVOA_V
ClientSampleId :
BFGD4

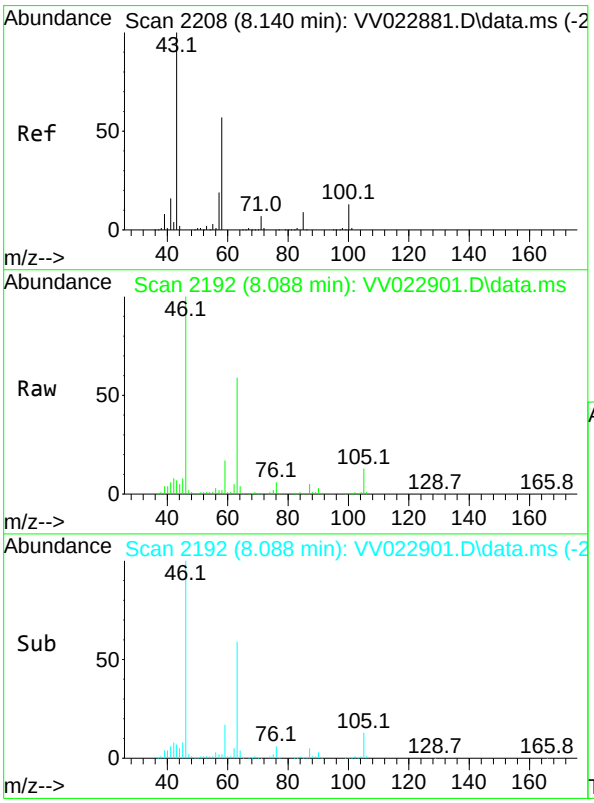


#47
Tetrachloroethene
Concen: 6.239 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion:164 Resp: 45703

Ion	Ratio	Lower	Upper
164	100		
129	87.8	65.0	120.6
131	85.3	62.2	115.4
166	122.4	89.2	165.8

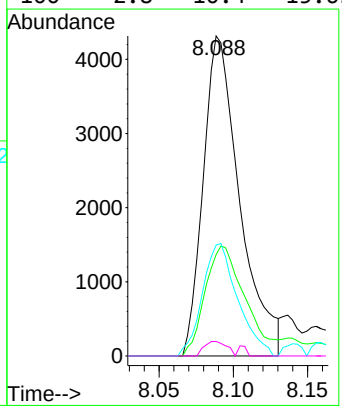




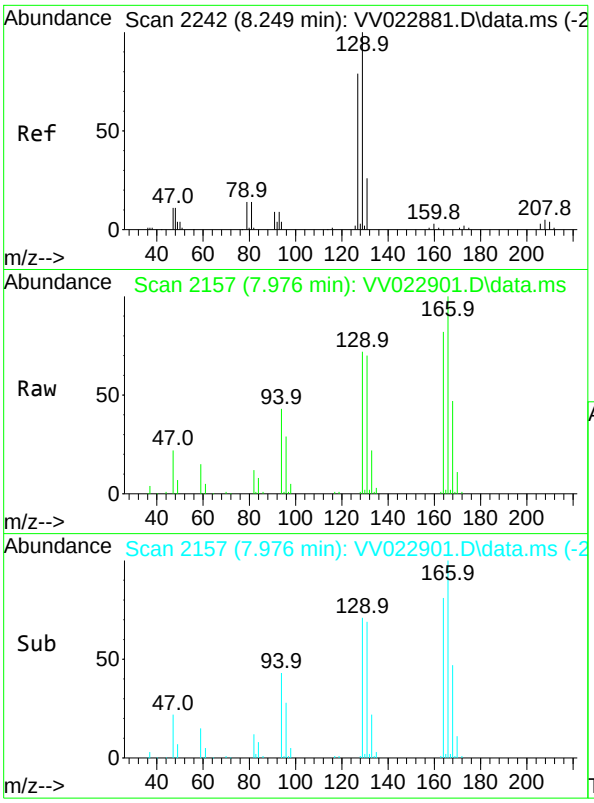
#48
2-Hexanone
Concen: 2.345 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 43 Resp: 7381

Ion	Ratio	Lower	Upper
43	100		
58	37.7	47.4	71.0#
57	33.9	15.3	22.9#
100	2.8	10.4	15.6#



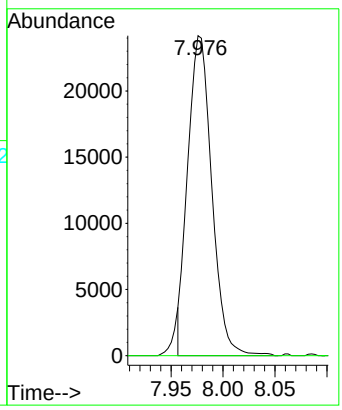
Instrument :
MSVOA_V
ClientSampleId :
BFGD4

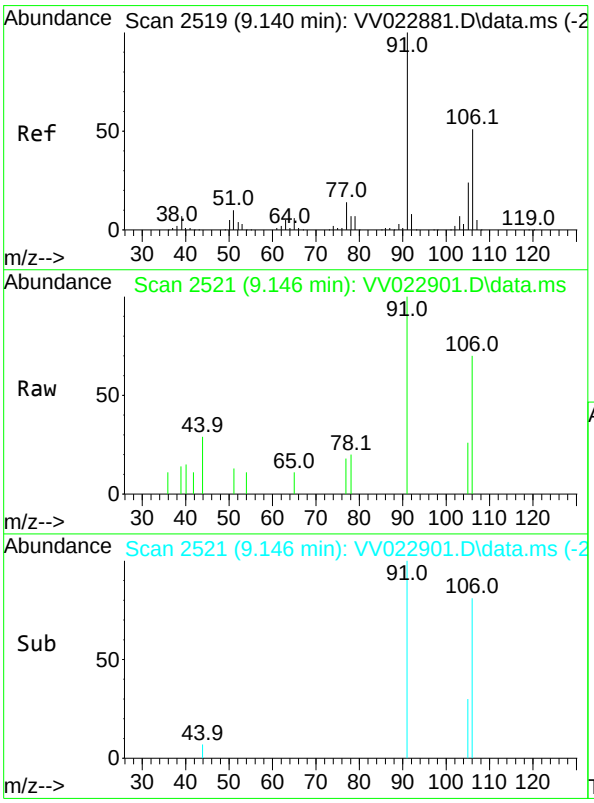


#49
Dibromochloromethane
Concen: 5.579 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.273 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion:129 Resp: 38824

Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#

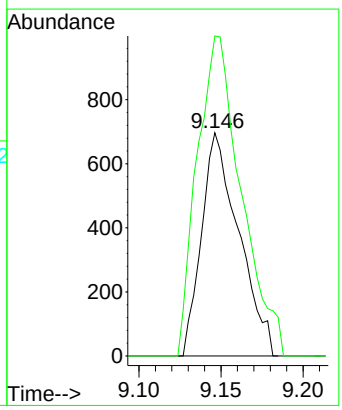


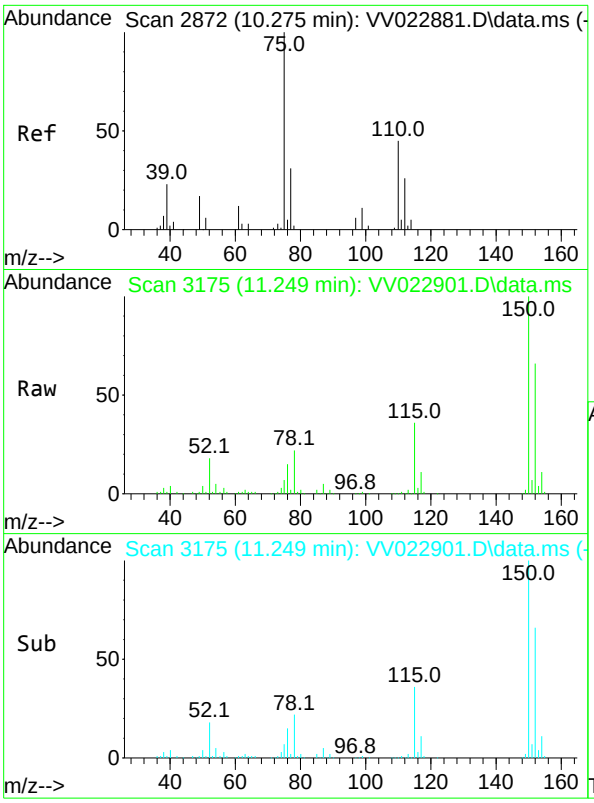


#53
m,p-xylene
Concen: 0.081 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion:106 Resp: 1097

Ion	Ratio	Lower	Upper
106	100		
91	143.3	138.7	257.5

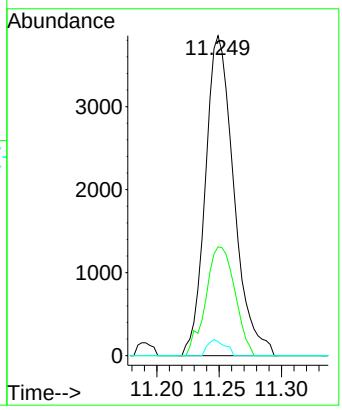




#61
1,2,3-Trichloropropane
Concen: 1.550 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 75 Resp: 6129

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.4	38.2
110	3.1	34.2	51.4#



Instrument :
MSVOA_V
ClientSampleId :
BFGD4