Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022899.D
Acq On : 19 Oct 2021 04:41
Operator : SY/MD
Sample : M4137-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFGD2

Quant Time: Oct 19 05:21:45 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	123546	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57296	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32193	3.787	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.800%			
7) Chloroethane-d5	1.568	69	28868	3.779	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.600%			
11) 1,1-Dichloroethene-d2	2.108	63	45800	2.747	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.000%#			
20) 2-Butanone-d5	3.889	46	109636	49.191	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.380%			
24) Chloroform-d	4.352	84	90030	5.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.800%			
26) 1,2-Dichloroethane-d4	5.037	65	41941	4.933	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.053	84	174089	4.649	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	6.072	67	55991	5.049	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.000%			
41) Toluene-d8	7.317	98	142757	4.410	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	7.625	79	15821	4.301	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.000%			
46) 2-Hexanone-d5	8.088	63	87213	58.833	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.660%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41523	5.528	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	57373	5.401	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	1163	0.124	ug/L #	22
12) 1,1-Dichloroethene	2.108	96	630	0.084	ug/L #	1
13) Acetone	2.362	43	4040	3.251	ug/L	88
15) Methyl Acetate	2.436	43	1360	0.382	ug/L #	50
17) Methyl tert-butyl Ether	2.767	73	4009	0.222	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	58750	6.894	ug/L	96
34) Trichloroethene	5.918	95	18921	2.054	ug/L	99
35) Methylcyclohexane	6.075	83	13799	1.069	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5784	0.710	ug/L #	84
39) cis-1,3-Dichloropropene	6.998	75	1129	0.105	ug/L #	58
42) Toluene	7.397	91	7231	0.210	ug/L	87
45) 1,1,2-Trichloroethane	7.972	97	610	0.101	ug/L #	1
47) Tetrachloroethene	7.976	164	86785	11.649	ug/L	100
48) 2-Hexanone	8.088	43	10302	3.219	ug/L #	69
49) Dibromochloromethane	7.976	129	75565	10.677	ug/L #	7
53) m,p-xylene	9.146	106	1417	0.103	ug/L	81
61) 1,2,3-Trichloropropane	11.181	75	308	0.077	ug/L #	37
64) 1,3-Dichlorobenzene	11.191	146	1513	0.099	ug/L	85
65) 1,4-Dichlorobenzene	11.275	146	1760	0.113	ug/L	91

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022899.D
Acq On : 19 Oct 2021 04:41
Operator : SY/MD
Sample : M4137-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFGD2

Quant Time: Oct 19 05:21:45 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)
67) 1,2-Dichlorobenzene	11.644	146	1773	0.124	ug/L	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
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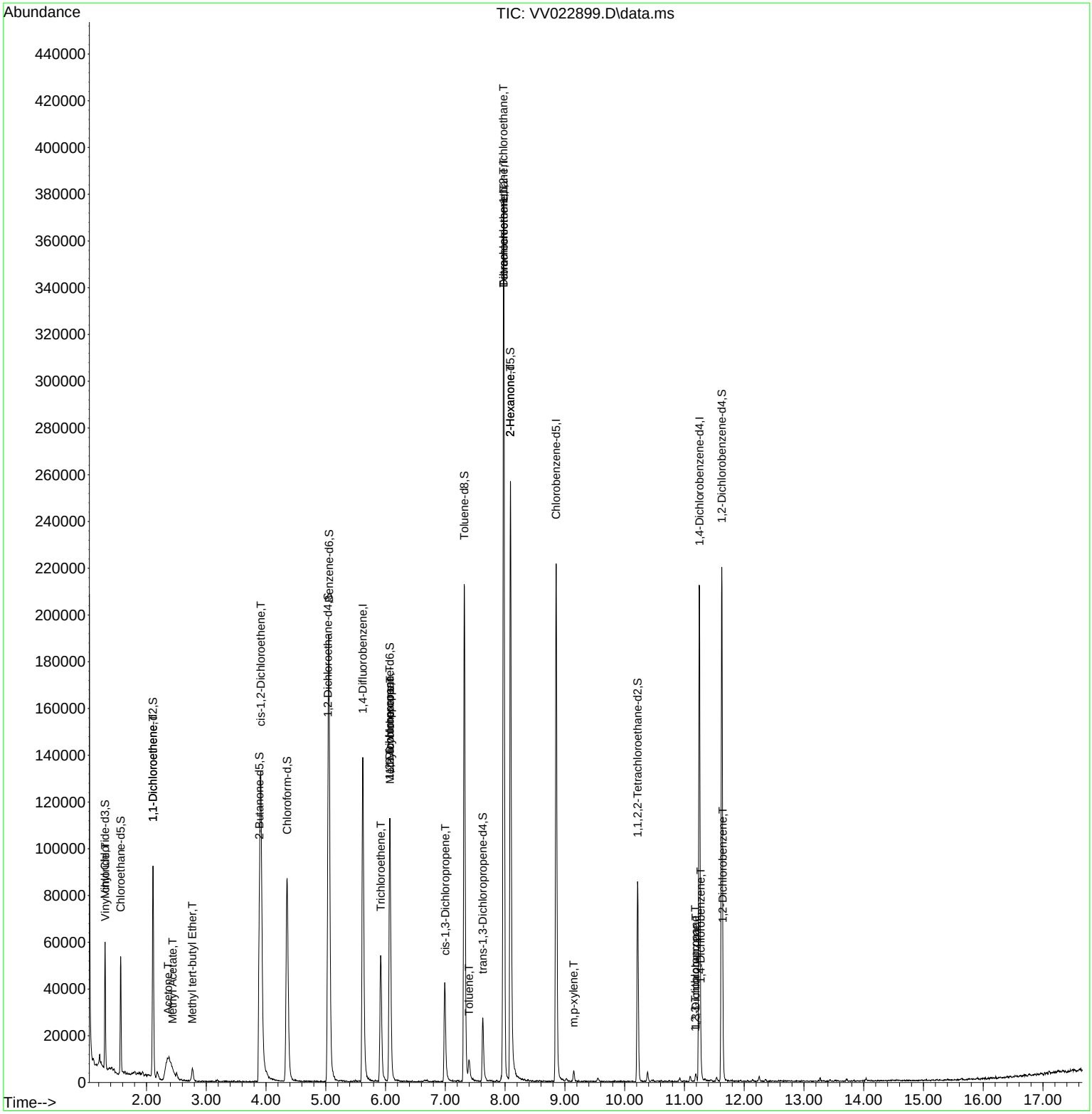
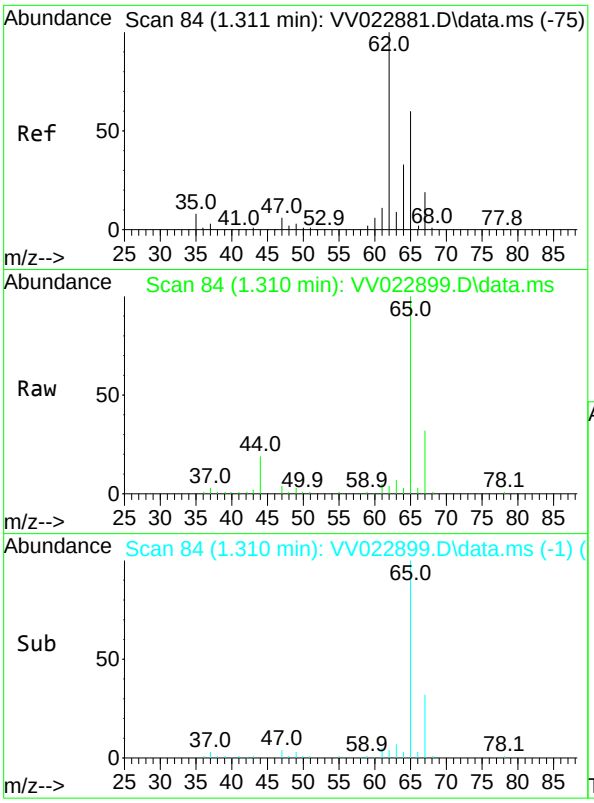
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration

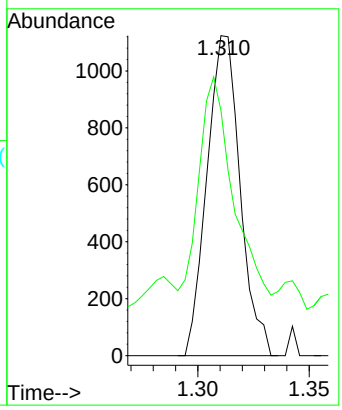




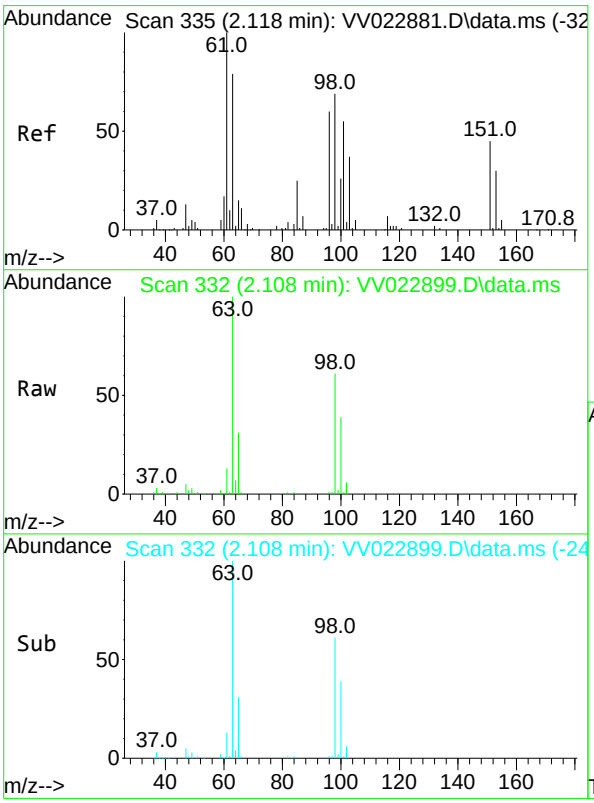
#5
Vinyl chloride
Concen: 0.124 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 62 Resp: 1163

Ion	Ratio	Lower	Upper
62	100		
64	76.7	23.0	42.8#



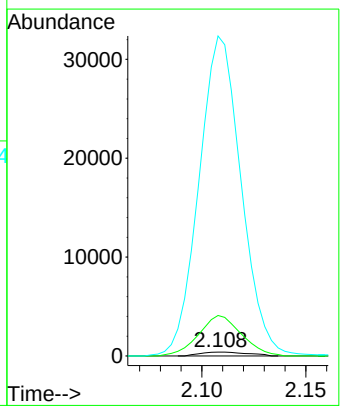
Instrument :
MSVOA_V
ClientSampleId :
BFGD2



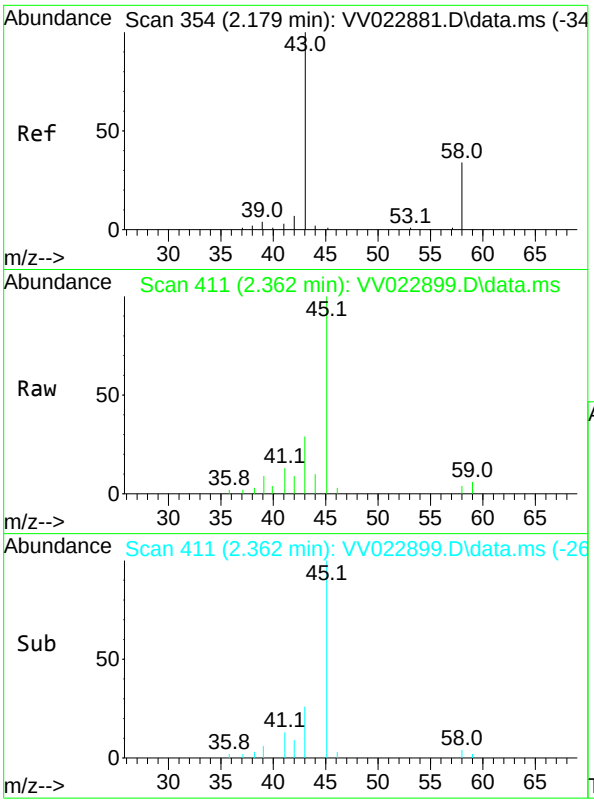
#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 96 Resp: 630

Ion	Ratio	Lower	Upper
96	100		
61	1046.7	127.3	236.5#
63	8257.1	106.2	197.2#



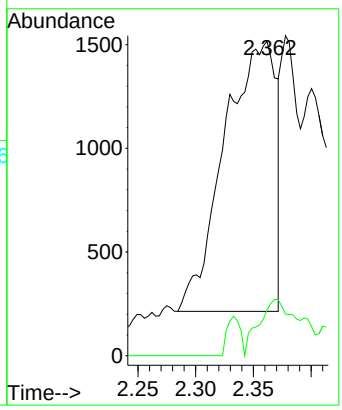
Instrument :
MSVOA_V
ClientSampleId :
BFGD2

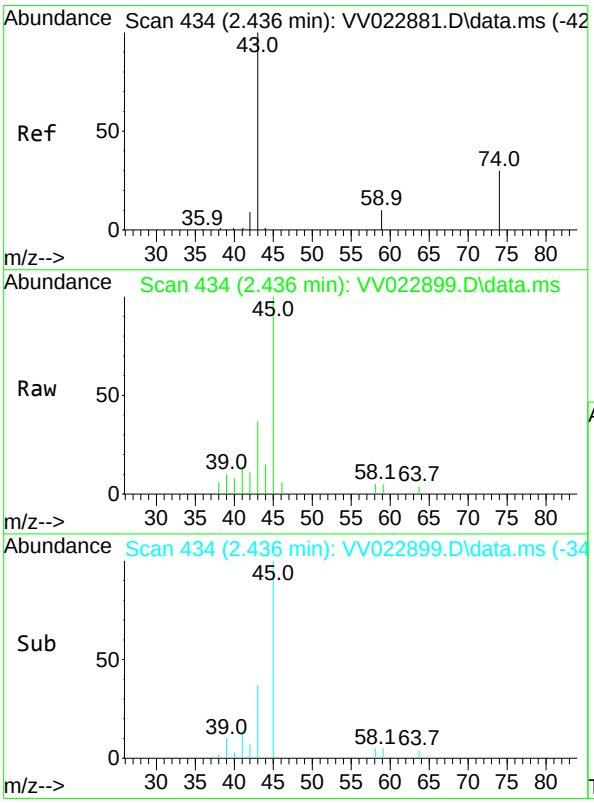


#13
Acetone
Concen: 3.251 ug/L
RT: 2.362 min Scan# 411
Delta R.T. 0.183 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 43 Resp: 4040

Ion	Ratio	Lower	Upper
43	100		
58	16.7	0.0	24.2

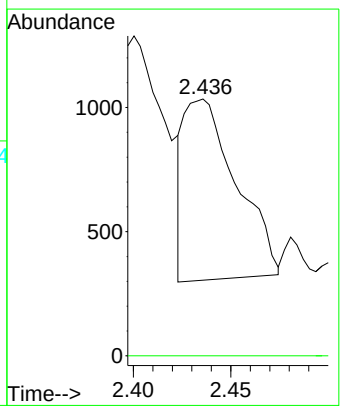




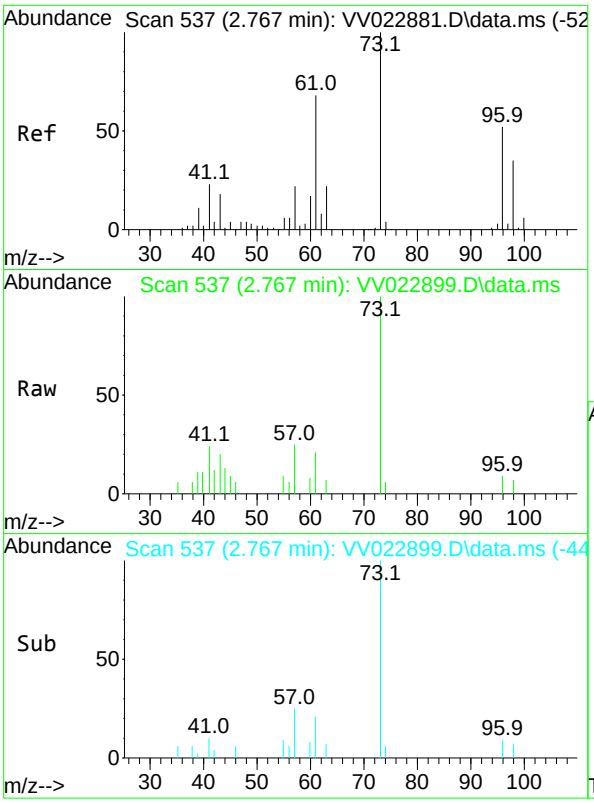
#15
Methyl Acetate
Concen: 0.382 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.000 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 43 Resp: 1360

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.9	29.9#



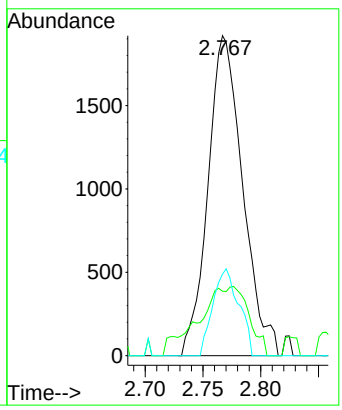
Instrument :
MSVOA_V
ClientSampleId :
BFGD2

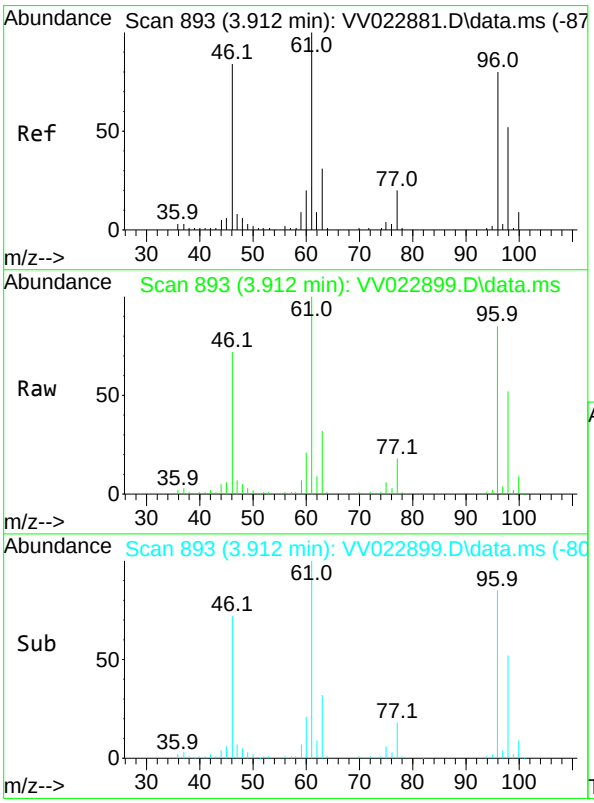


#17
Methyl tert-butyl Ether
Concen: 0.222 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 73 Resp: 4009

Ion	Ratio	Lower	Upper
73	100		
43	18.5	17.1	25.7
57	20.3	17.2	25.8

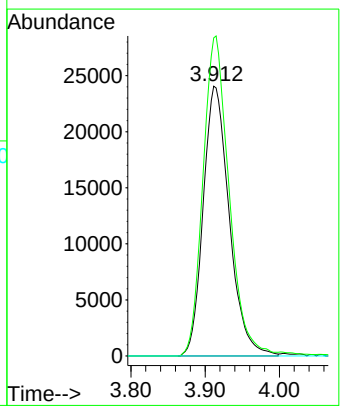


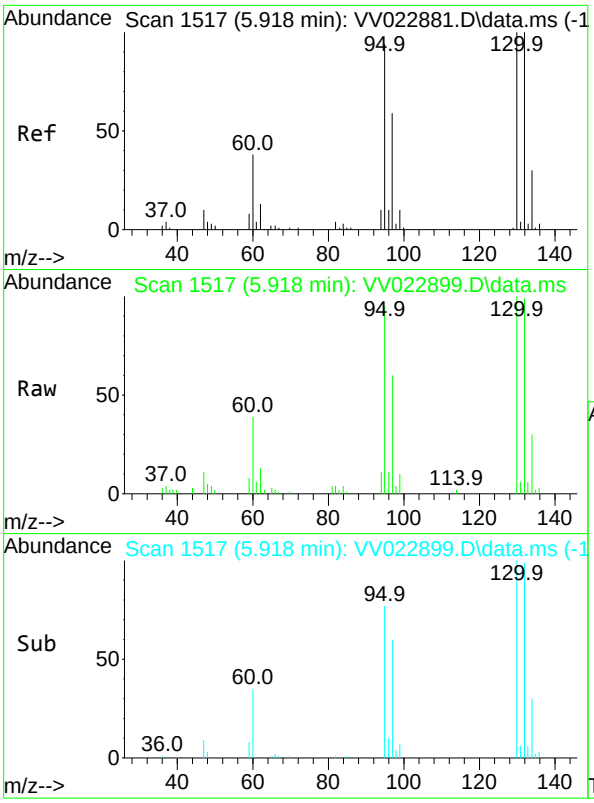


#22
cis-1,2-Dichloroethene
Concen: 6.894 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 96 Resp: 58750

Ion	Ratio	Lower	Upper
96	100		
61	117.9	86.0	159.6
68	0.0	0.0	0.0

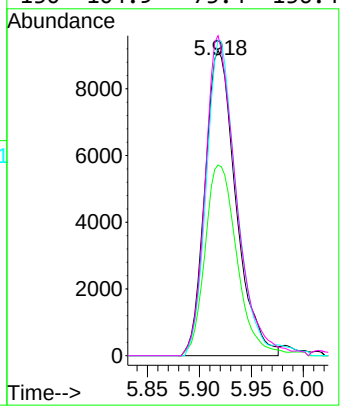




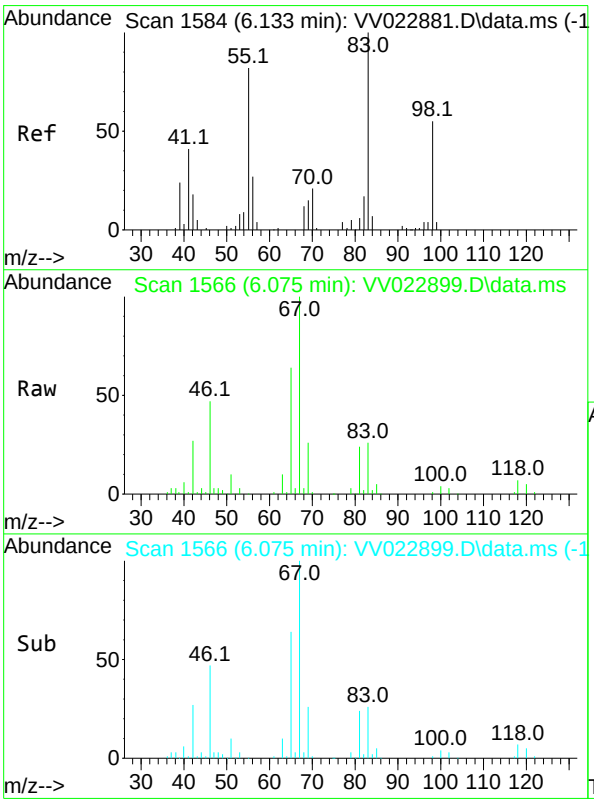
#34
Trichloroethene
Concen: 2.054 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 95 Resp: 18921

Ion	Ratio	Lower	Upper
95	100		
97	62.5	45.8	85.2
132	103.5	72.2	134.0
130	104.9	73.4	136.4



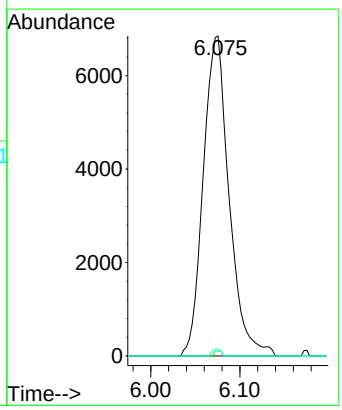
Instrument :
MSVOA_V
ClientSampleId :
BFGD2



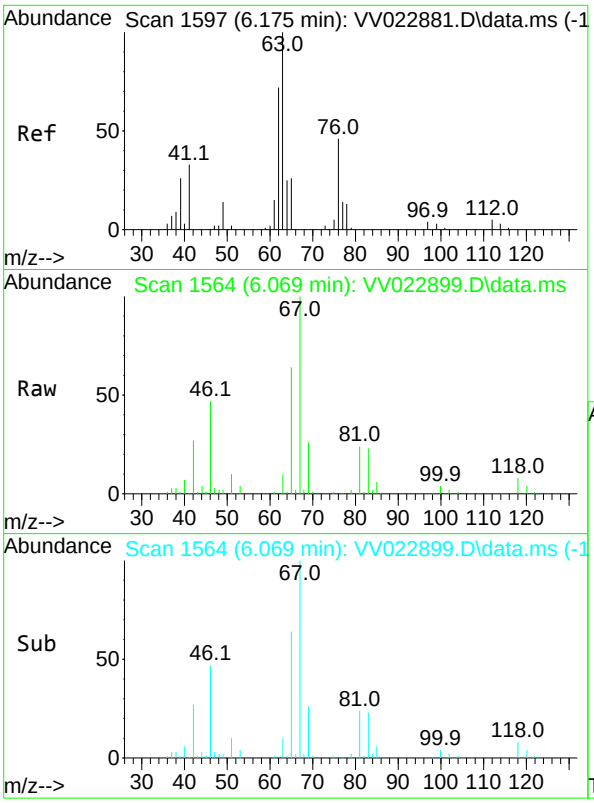
#35
Methylcyclohexane
Concen: 1.069 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 83 Resp: 13799

Ion	Ratio	Lower	Upper
83	100		
55	0.4	63.8	95.6#
98	0.7	42.1	63.1#



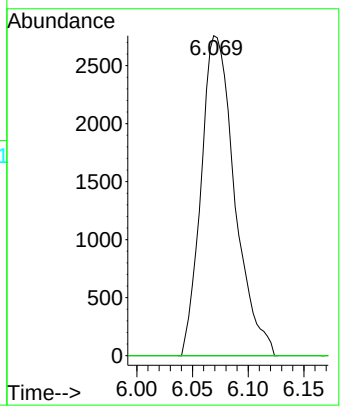
Instrument :
MSVOA_V
ClientSampleId :
BFGD2

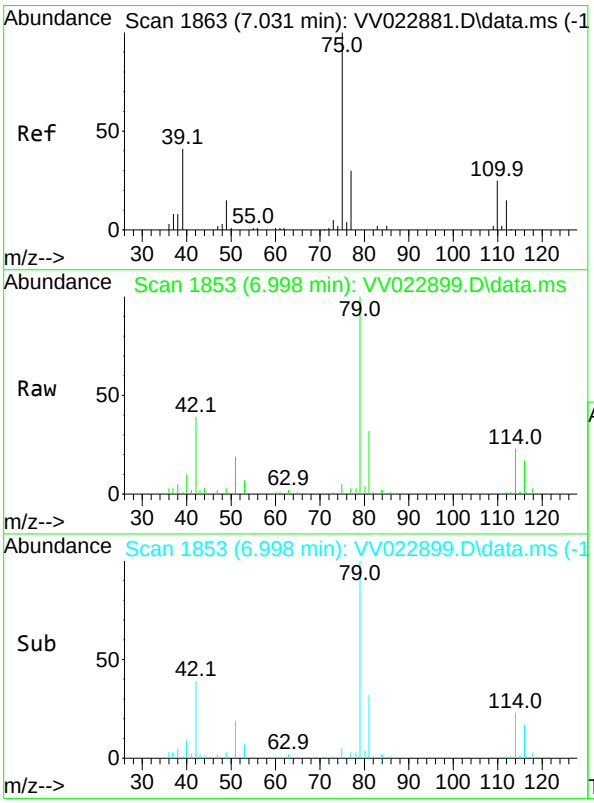


#37
1,2-Dichloropropane
Concen: 0.710 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 63 Resp: 5784

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

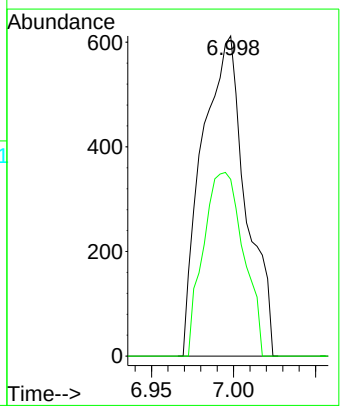


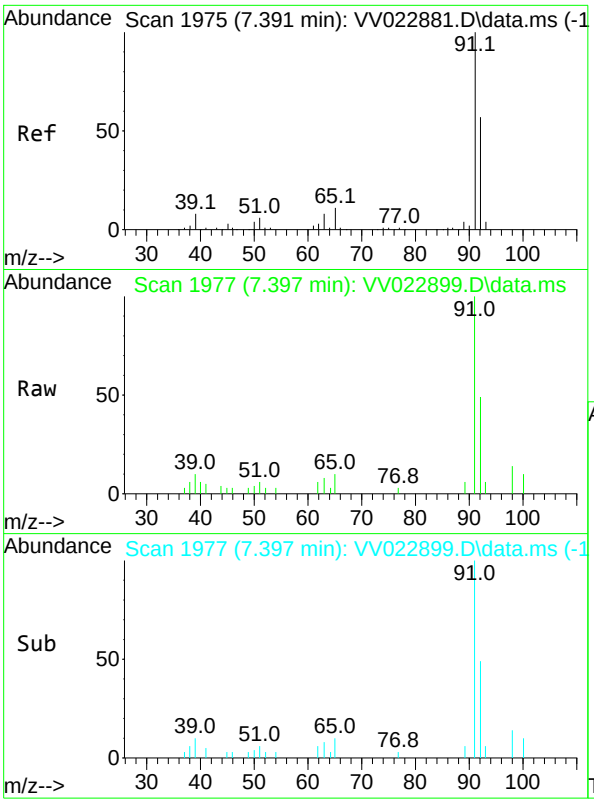


#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 6.998 min Scan# 1853
Delta R.T. -0.032 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 75 Resp: 1129

Ion	Ratio	Lower	Upper
75	100		
77	55.2	22.3	41.3#

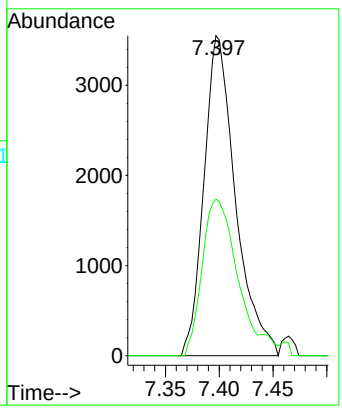




#42
Toluene
Concen: 0.210 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 91 Resp: 7231

Ion	Ratio	Lower	Upper
91	100		
92	48.9	40.7	75.7



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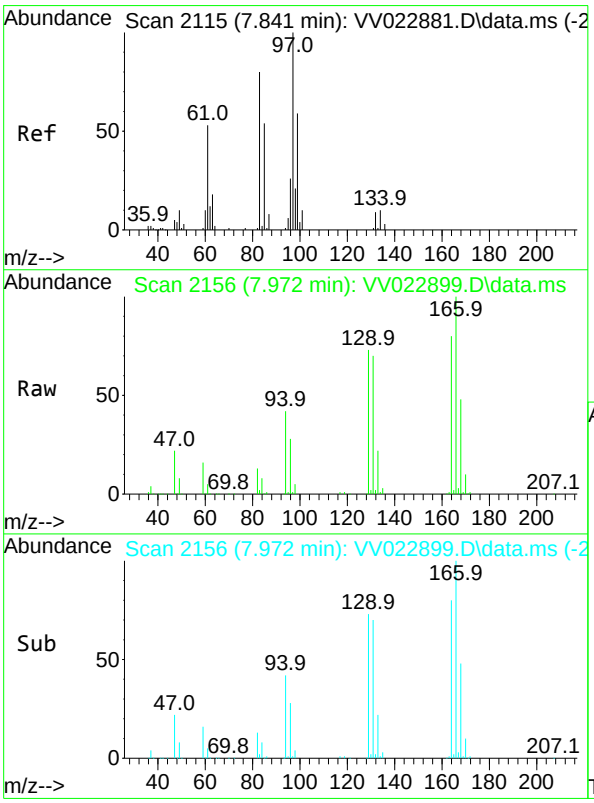
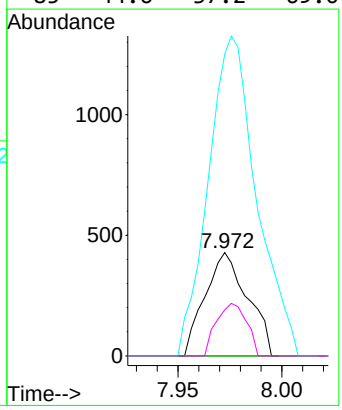
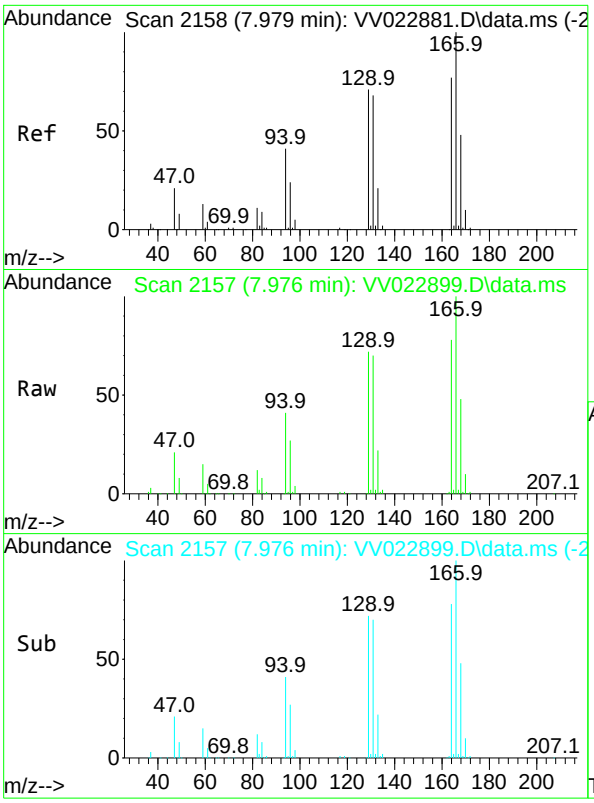


#45
1,1,2-Trichloroethane
Concen: 0.101 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.132 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 97 Resp: 610

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.5	82.7#
83	292.3	56.6	105.0#
85	44.6	37.2	69.0

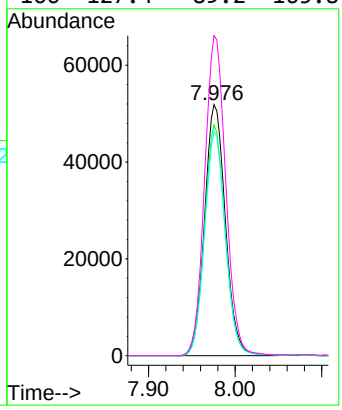




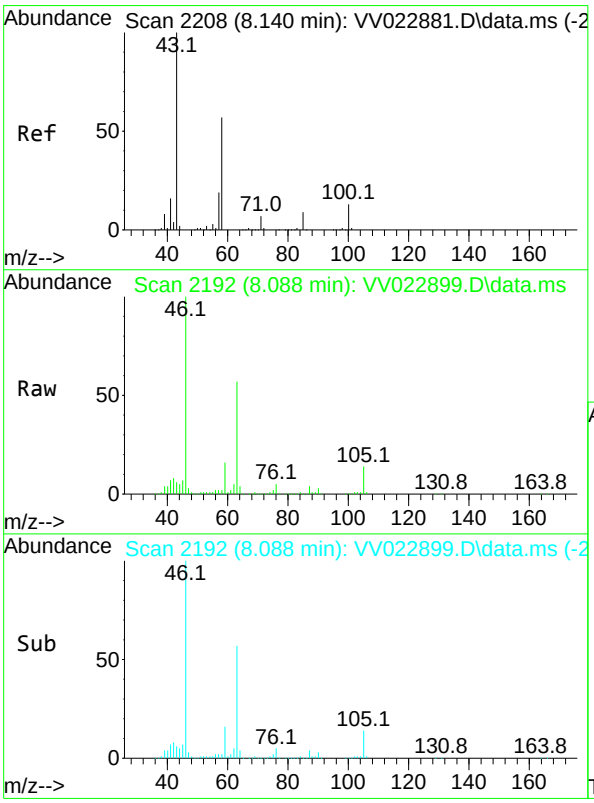
#47
Tetrachloroethene
Concen: 11.649 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion:164 Resp: 86785

Ion	Ratio	Lower	Upper
164	100		
129	91.8	65.0	120.6
131	89.3	62.2	115.4
166	127.4	89.2	165.8



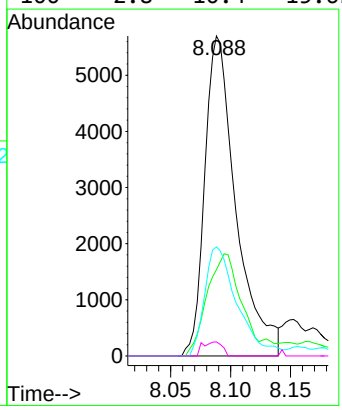
Instrument :
MSVOA_V
ClientSampleId :
BFGD2



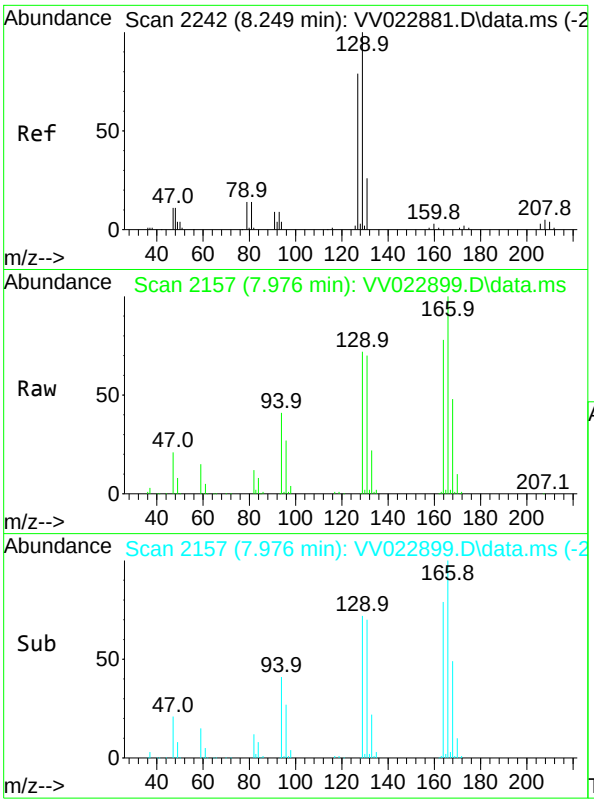
#48
2-Hexanone
Concen: 3.219 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.052 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 43 Resp: 10302

Ion	Ratio	Lower	Upper
43	100		
58	36.8	47.4	71.0#
57	35.8	15.3	22.9#
100	2.8	10.4	15.6#



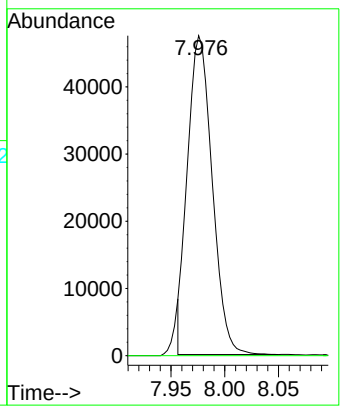
Instrument :
MSVOA_V
ClientSampleId :
BFGD2

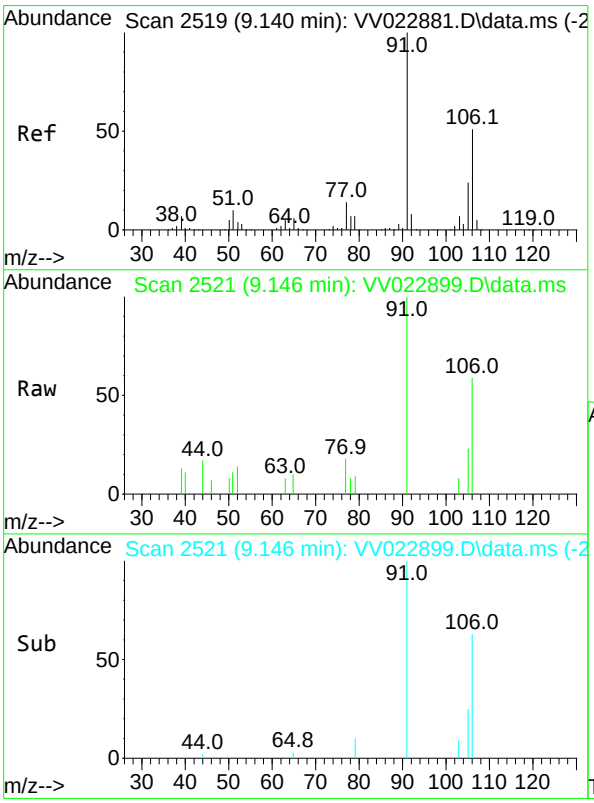


#49
Dibromochloromethane
Concen: 10.677 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.273 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion:129 Resp: 75565

Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#

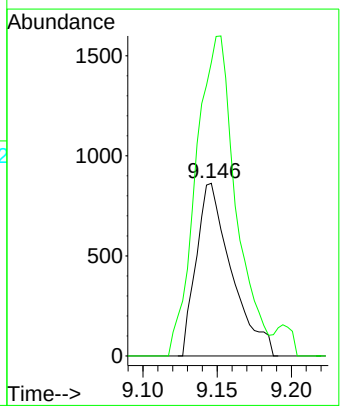




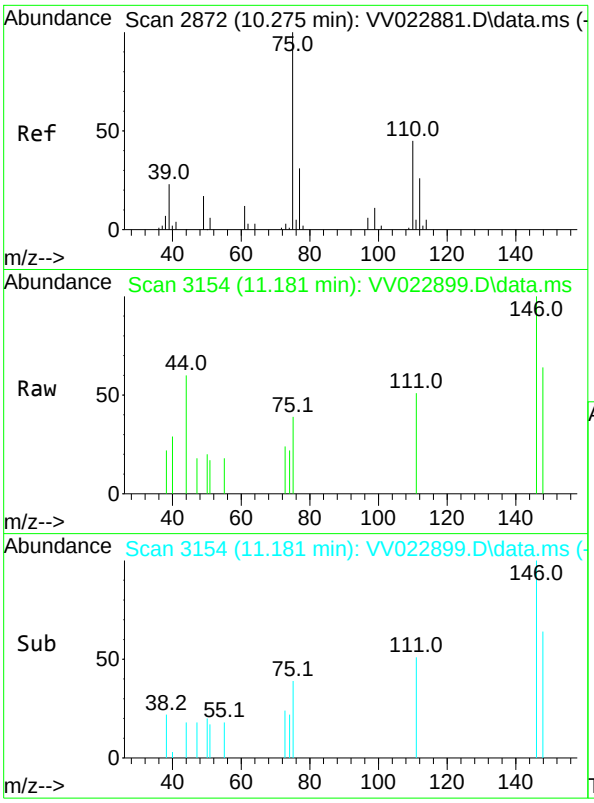
#53
m,p-xylene
Concen: 0.103 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion:106 Resp: 1417

Ion	Ratio	Lower	Upper
106	100		
91	169.9	138.7	257.5



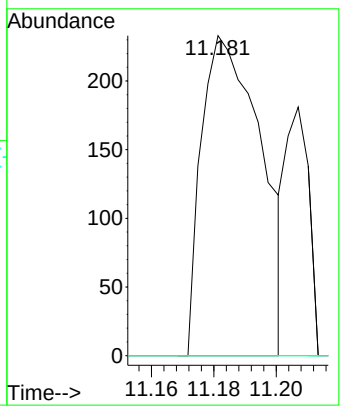
Instrument :
MSVOA_V
ClientSampleId :
BFGD2

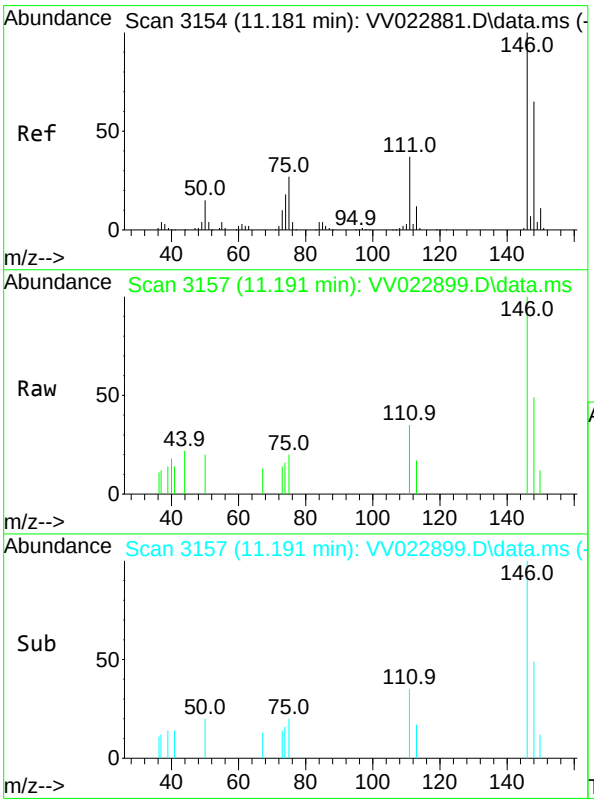


#61
1,2,3-Trichloropropane
Concen: 0.077 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.907 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion: 75 Resp: 308

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#
110	0.0	34.2	51.4#

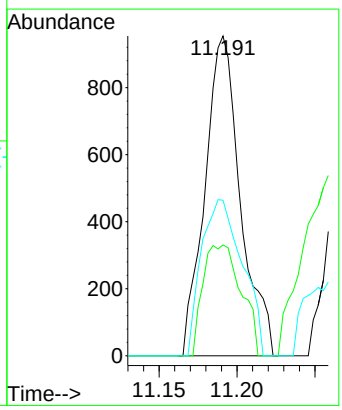




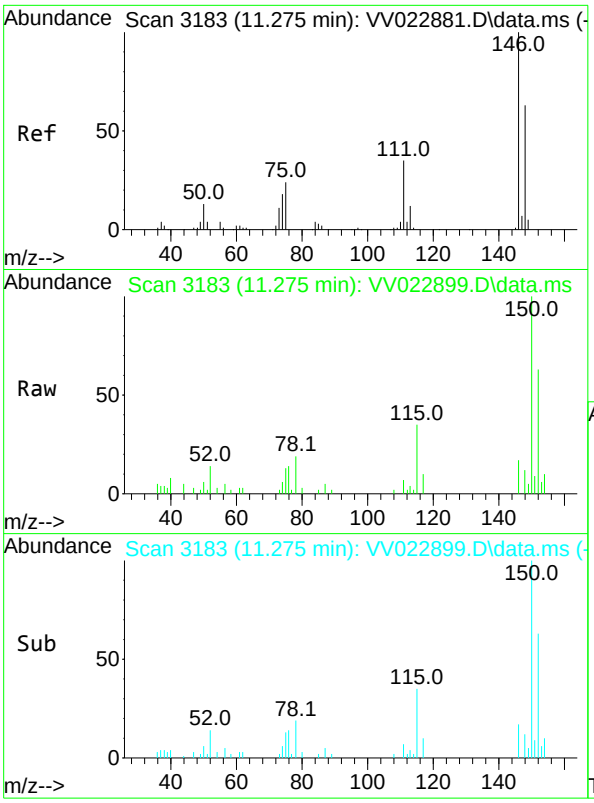
#64
1,3-Dichlorobenzene
Concen: 0.099 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.010 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion:146 Resp: 1513

Ion	Ratio	Lower	Upper
146	100		
111	34.7	26.7	49.5
148	48.6	45.1	83.9



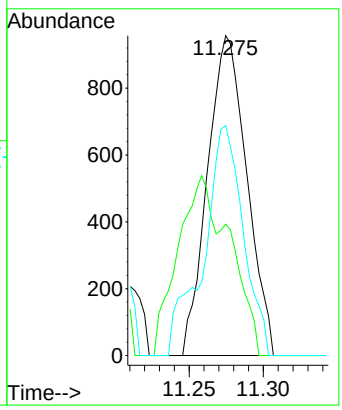
Instrument :
MSVOA_V
ClientSampleId :
BFGD2

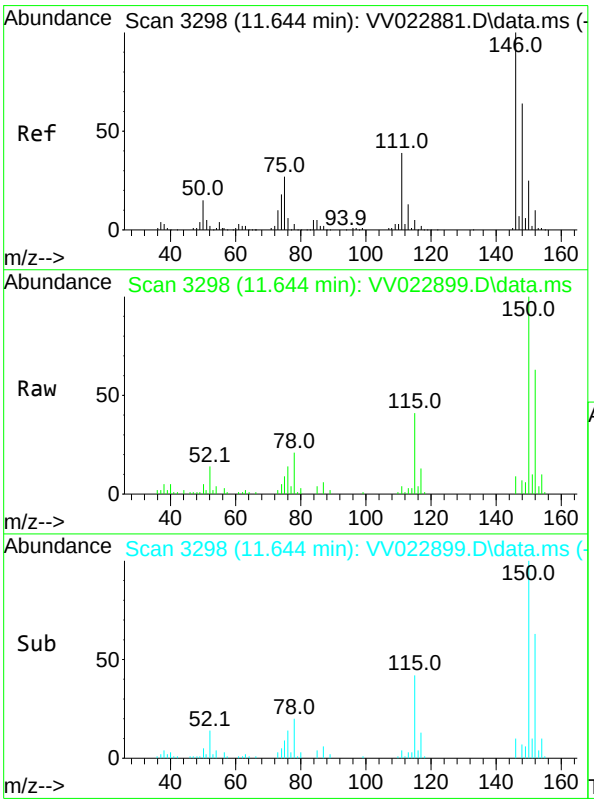


#65
1,4-Dichlorobenzene
Concen: 0.113 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion:146 Resp: 1760

Ion	Ratio	Lower	Upper
146	100		
111	41.1	25.6	47.4
148	71.9	44.9	83.5





#67
1,2-Dichlorobenzene
Concen: 0.124 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022899.D
Acq: 19 Oct 2021 04:41

Tgt Ion:146 Resp: 1773

Ion	Ratio	Lower	Upper
146	100		
111	45.9	32.3	48.5
148	70.0	52.1	78.1