Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023479.D
Acq On : 15 Nov 2021 13:55
Operator : SY/MD
Sample : M4616-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG1Y7

Quant Time: Nov 16 00:32:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 00:29:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122432	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46782	6.099	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 122.000%			
7) Chloroethane-d5	1.568	69	35692	5.710	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.200%			
11) 1,1-Dichloroethene-d2	2.108	63	61497	4.283	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.600%			
20) 2-Butanone-d5	3.892	46	70817	53.593	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.180%			
24) Chloroform-d	4.352	84	79101	4.839	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	5.034	65	38220	5.200	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.000%			
32) Benzene-d6	5.053	84	160071	5.059	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
36) 1,2-Dichloropropane-d6	6.069	67	47341	5.083	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.600%			
41) Toluene-d8	7.317	98	140110	4.726	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
43) trans-1,3-Dichloroprop...	7.625	79	16693	4.727	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.600%			
46) 2-Hexanone-d5	8.092	63	47358	36.448	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.900%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27358	4.085	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	50048	5.599	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.000%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1150	0.113	ug/L	98
9) Trichlorofluoromethane	1.754	101	3157	0.207	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	1919	0.119	ug/L #	92
22) cis-1,2-Dichloroethene	3.918	96	7189	0.832	ug/L #	78
34) Trichloroethene	5.915	95	194141	21.183	ug/L	97
47) Tetrachloroethene	7.976	164	33902	4.268	ug/L	95

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

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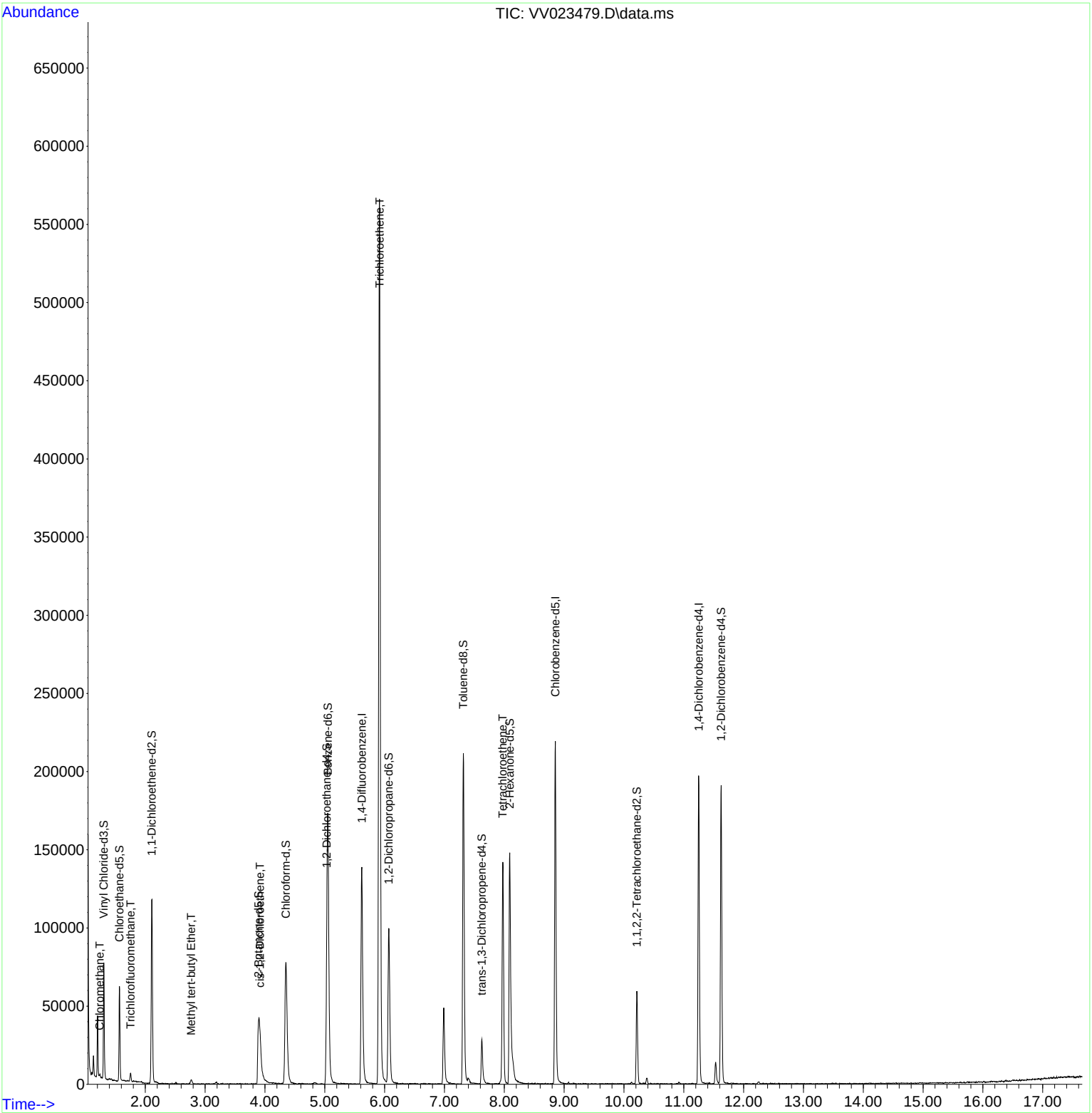
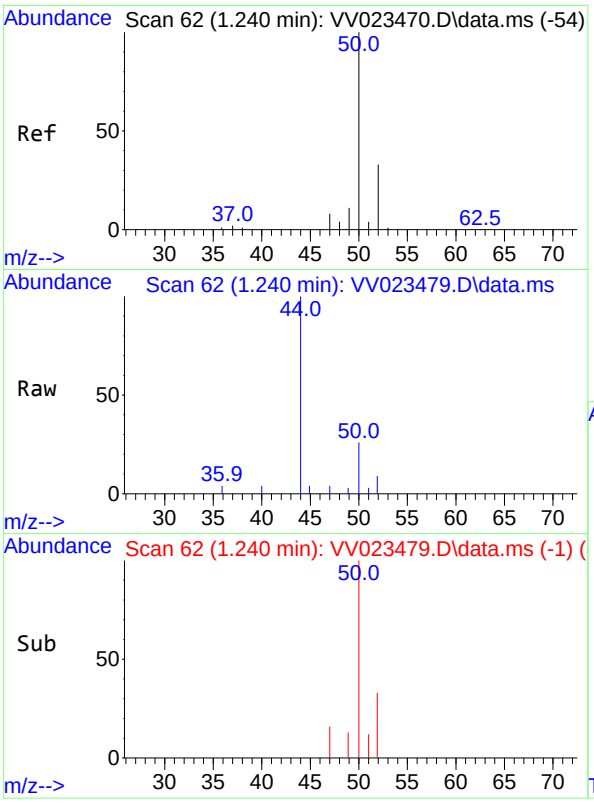


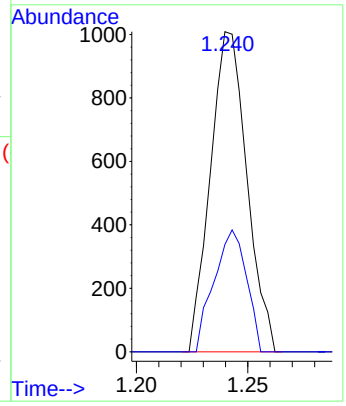


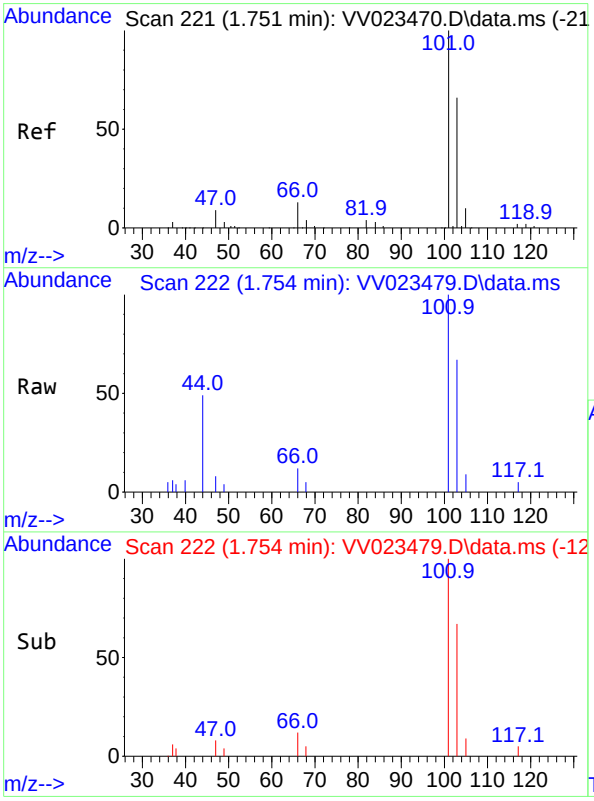
#3
Chloromethane
Concen: 0.113 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Instrument :
MSVOA_V
ClientSampleId :
BG1Y7

Tgt Ion: 50 Resp: 1150

Ion	Ratio	Lower	Upper
50	100		
52	33.5	24.3	45.1

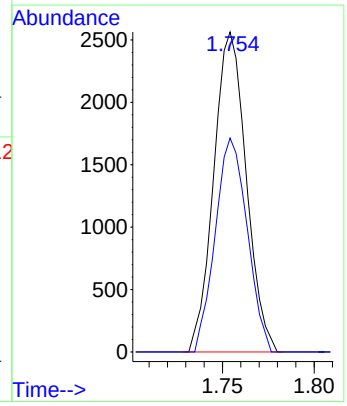


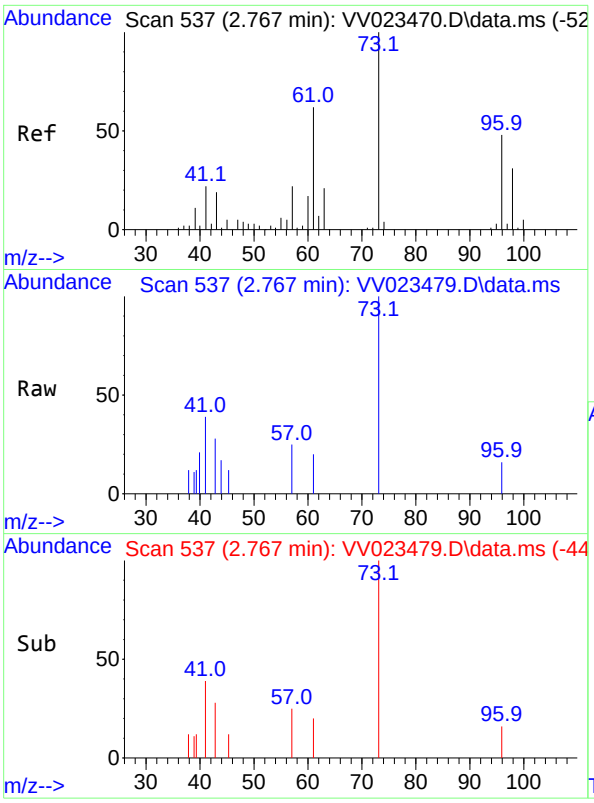


#9
Trichlorofluoromethane
Concen: 0.207 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Tgt Ion:101 Resp: 3157

Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.6	79.0



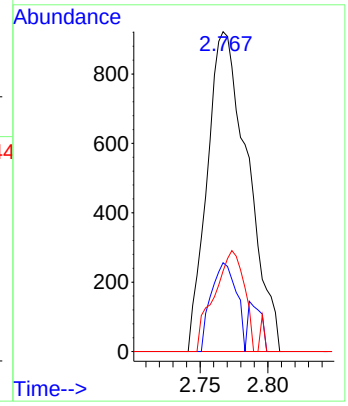


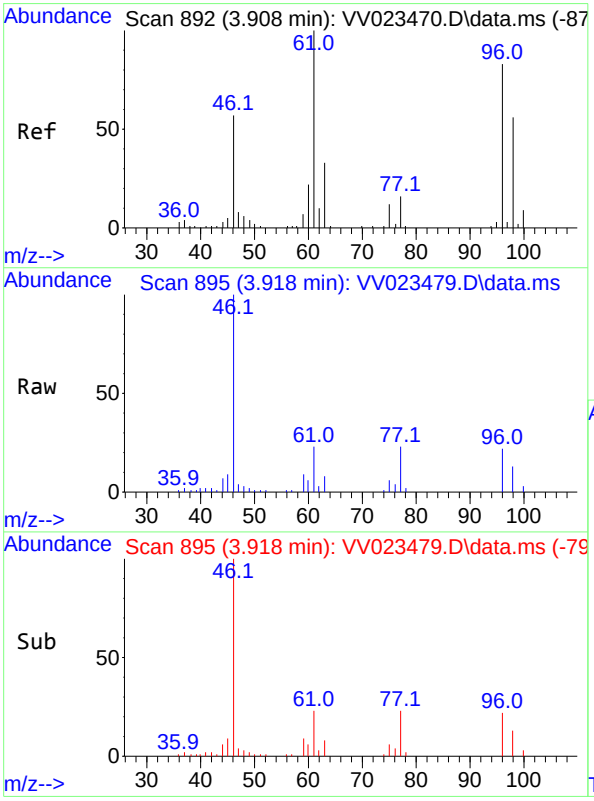
#17
Methyl tert-butyl Ether
Concen: 0.119 ug/L
RT: 2.767 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Instrument :
MSVOA_V
ClientSampleId :
BG1Y7

Tgt Ion: 73 Resp: 1919

Ion	Ratio	Lower	Upper
73	100		
43	17.3	17.4	26.0#
57	23.4	16.5	24.7

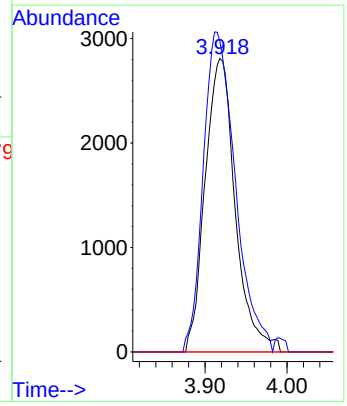


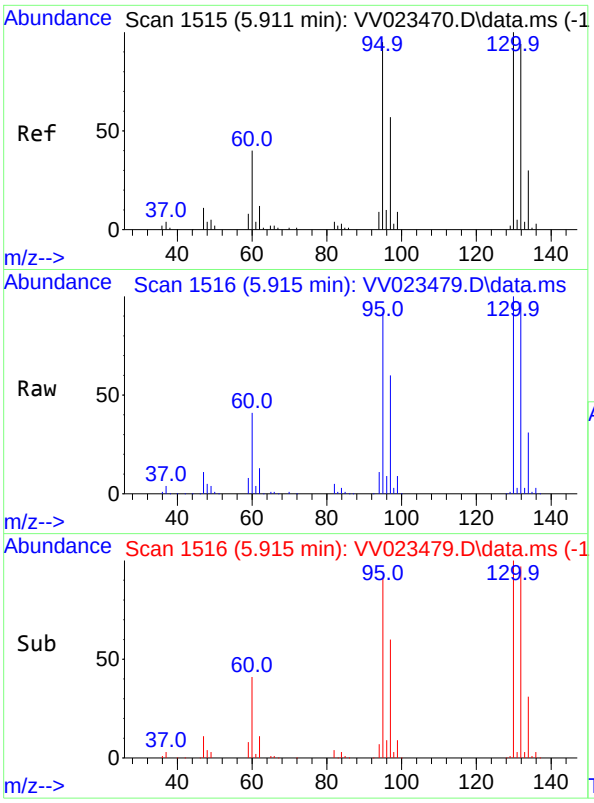


#22
cis-1,2-Dichloroethene
Concen: 0.832 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Tgt Ion: 96 Resp: 7189

Ion	Ratio	Lower	Upper
96	100		
61	105.8	92.3	171.3
68	0.0	0.4	0.8#



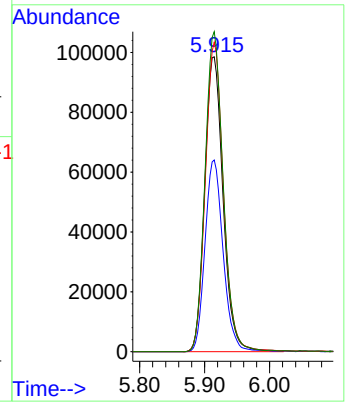


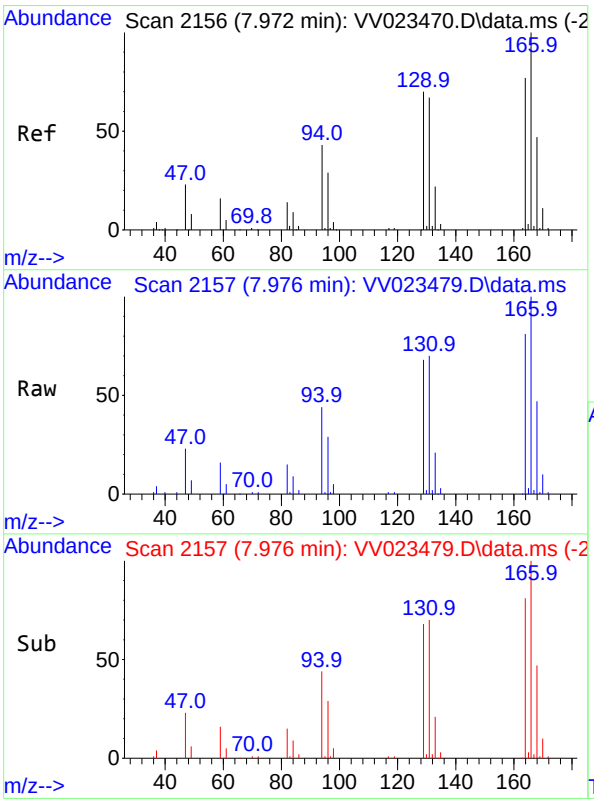
#34
Trichloroethene
Concen: 21.183 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Instrument :
MSVOA_V
ClientSampleId :
BG1Y7

Tgt Ion: 95 Resp: 194141

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.0	83.6
132	104.9	69.7	129.4
130	108.5	73.7	136.9





#47
Tetrachloroethene
Concen: 4.268 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Tgt Ion:164 Resp: 33902

Ion	Ratio	Lower	Upper
164	100		
129	84.9	64.0	119.0
131	86.3	63.4	117.8
166	123.9	89.3	165.9