Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012822\
Data File : VV024493.D
Acq On : 28 Jan 2022 18:01
Operator : SY/MD
Sample : N1328-03 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0HM2

Quant Time: Jan 29 03:52:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 29 03:50:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123189	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	135297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63441	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42458	3.934	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.600%			
7) Chloroethane-d5	1.568	69	42741	4.540	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.800%			
11) 1,1-Dichloroethene-d2	2.117	63	357119	17.312	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 346.200%#			
20) 2-Butanone-d5	3.911	46	73568	42.770	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.540%			
24) Chloroform-d	4.352	84	101436	4.953	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.000%			
26) 1,2-Dichloroethane-d4	5.037	65	48006	5.176	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.600%			
32) Benzene-d6	5.053	84	179706	4.447	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
36) 1,2-Dichloropropane-d6	6.072	67	61947	4.868	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.400%			
41) Toluene-d8	7.316	98	144708	3.903	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.000%			
43) trans-1,3-Dichloroprop...	7.628	79	18219	4.170	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.400%			
46) 2-Hexanone-d5	8.091	63	79675	53.330	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.660%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38782	5.121	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	54430	5.003	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	49368	3.898	ug/L	98
12) 1,1-Dichloroethene	2.117	96	552966	59.732	ug/L #	78
19) 1,1-Dichloroethane	3.191	63	5922	0.358	ug/L	92
22) cis-1,2-Dichloroethene	3.911	96	194182	21.764	ug/L	93
25) Chloroform	4.384	83	5389	0.287	ug/L	91
29) 1,1,1-Trichloroethane	4.609	97	139156	8.867	ug/L	100
34) Trichloroethene	5.911	95	1898987	185.520	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	894	0.149	ug/L #	67
47) Tetrachloroethene	7.976	164	582756	72.272	ug/L	99

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

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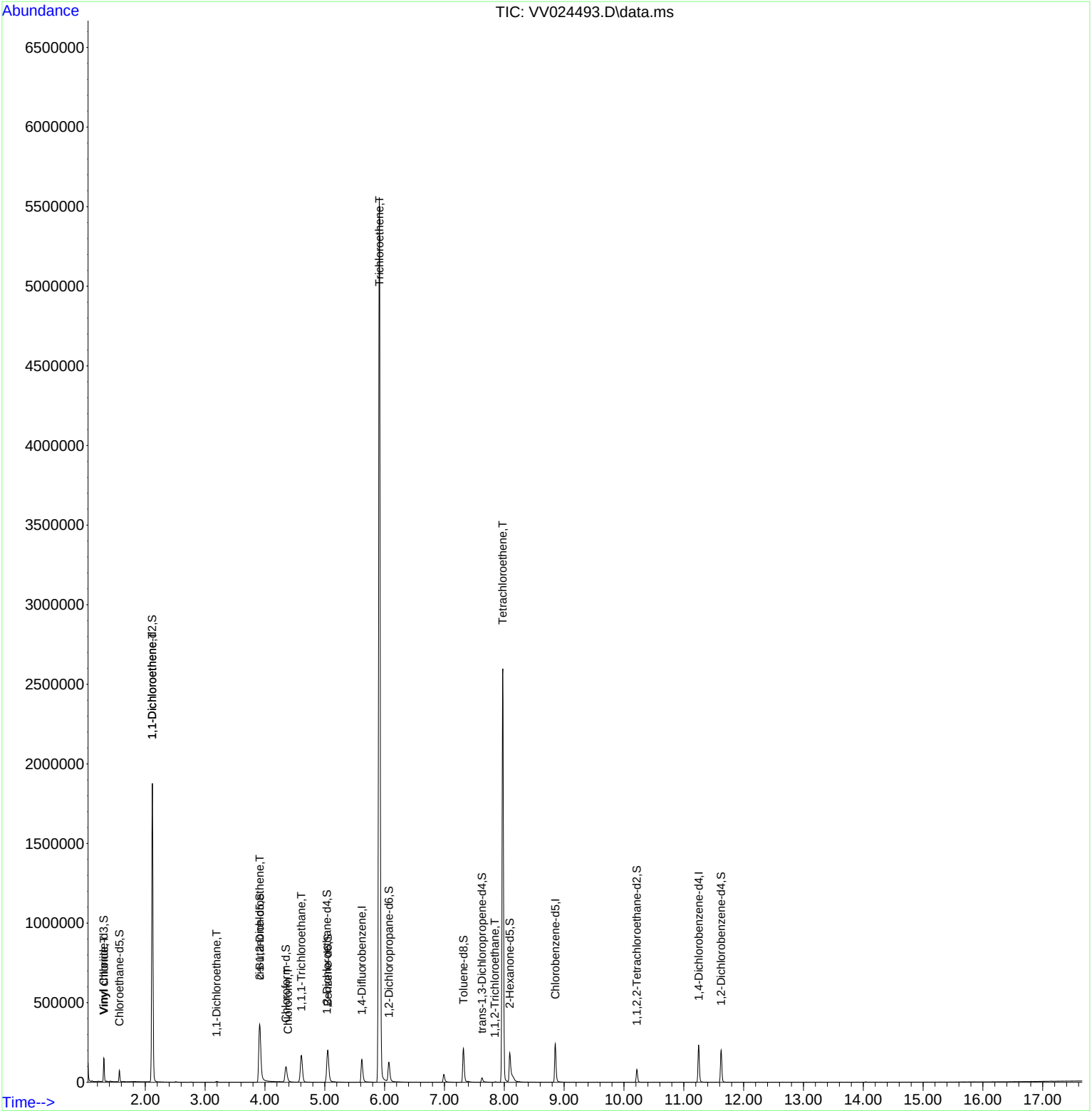
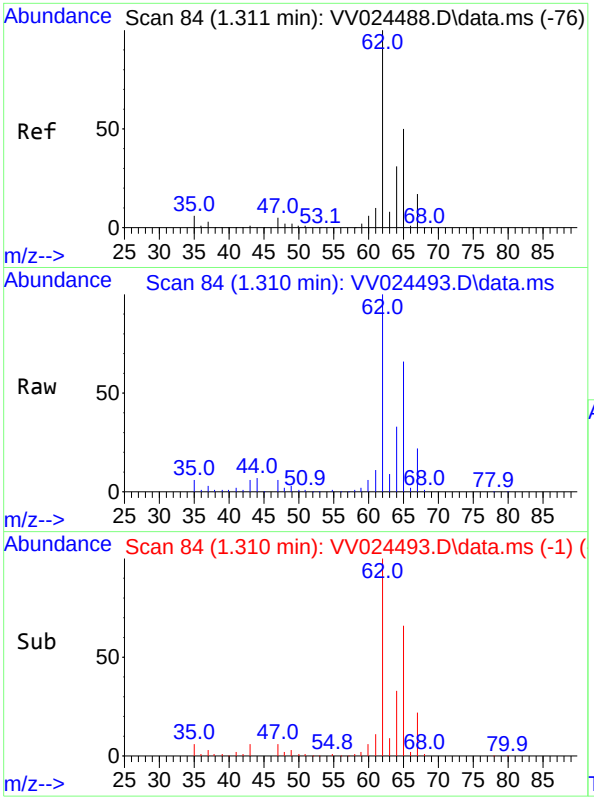
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 29 03:50:16 2022
Response via : Initial Calibration



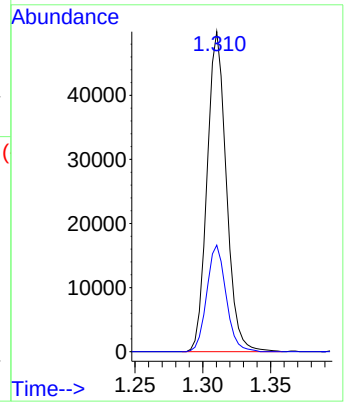


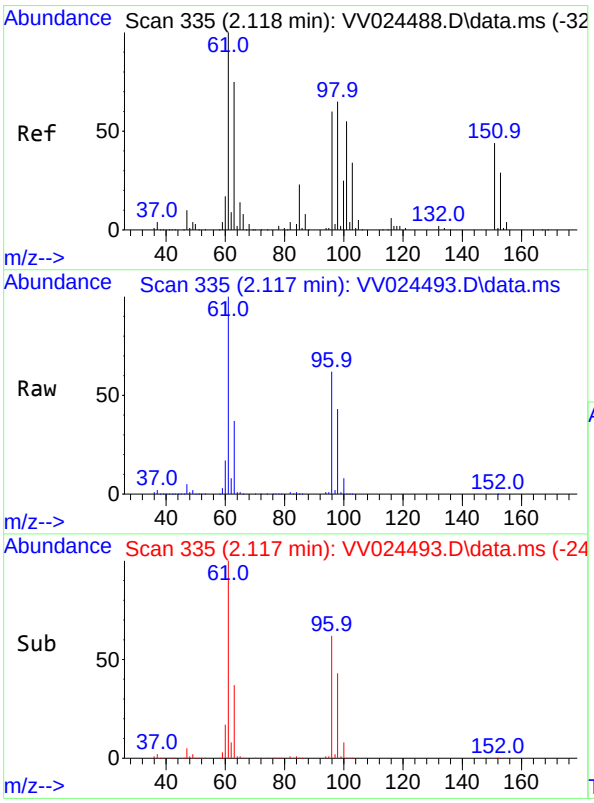
#5
Vinyl chloride
Concen: 3.898 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Instrument :
MSVOA_V
ClientSampleId :
C0HM2

Tgt Ion: 62 Resp: 49368

Ion	Ratio	Lower	Upper
62	100		
64	33.3	22.4	41.6

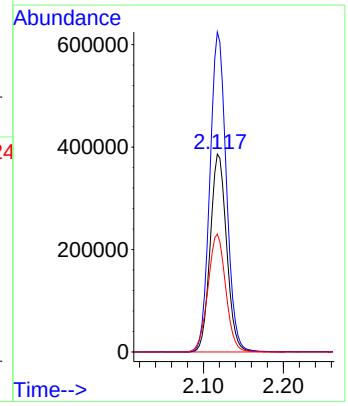


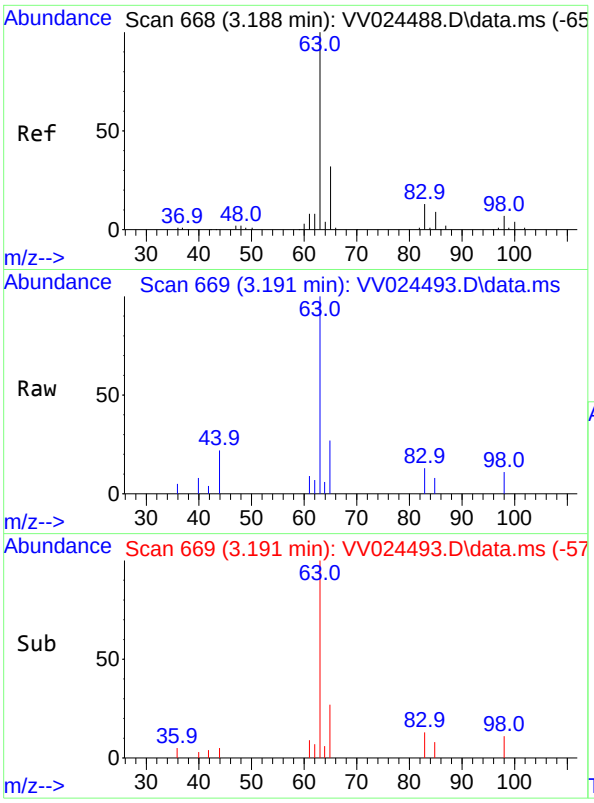


#12
1,1-Dichloroethene
Concen: 59.732 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Tgt Ion: 96 Resp: 552966

Ion	Ratio	Lower	Upper
96	100		
61	161.7	116.1	215.5
63	59.6	79.4	147.4#



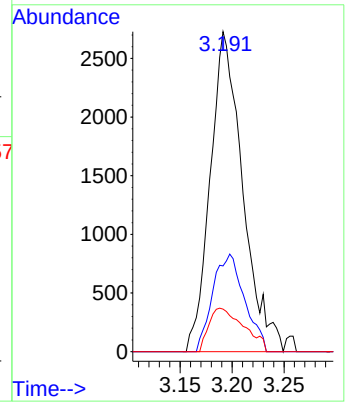


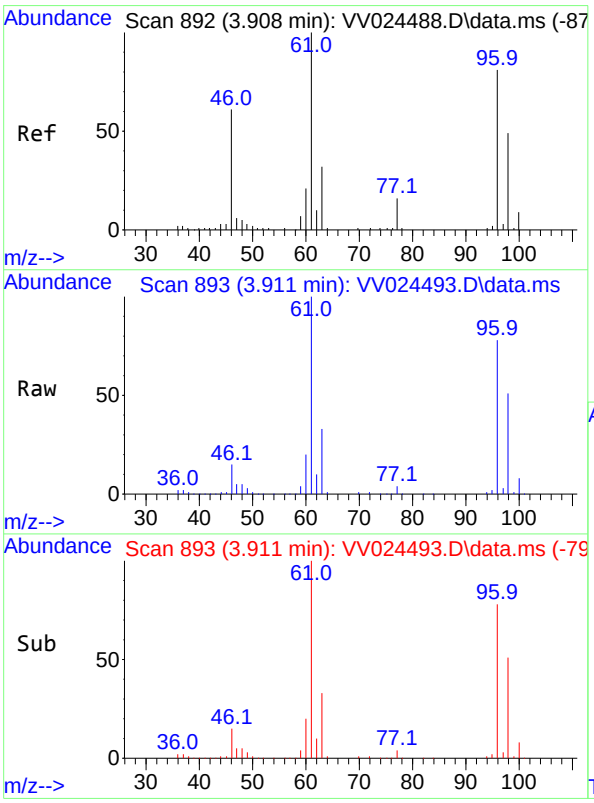
#19
1,1-Dichloroethane
Concen: 0.358 ug/L
RT: 3.191 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Instrument :
MSVOA_V
ClientSampleId :
C0HM2

Tgt Ion: 63 Resp: 5922

Ion	Ratio	Lower	Upper
63	100		
65	26.8	22.3	41.3
83	13.3	10.7	19.9

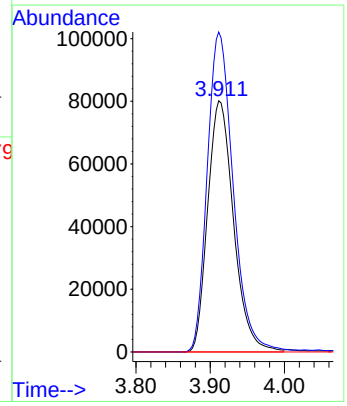


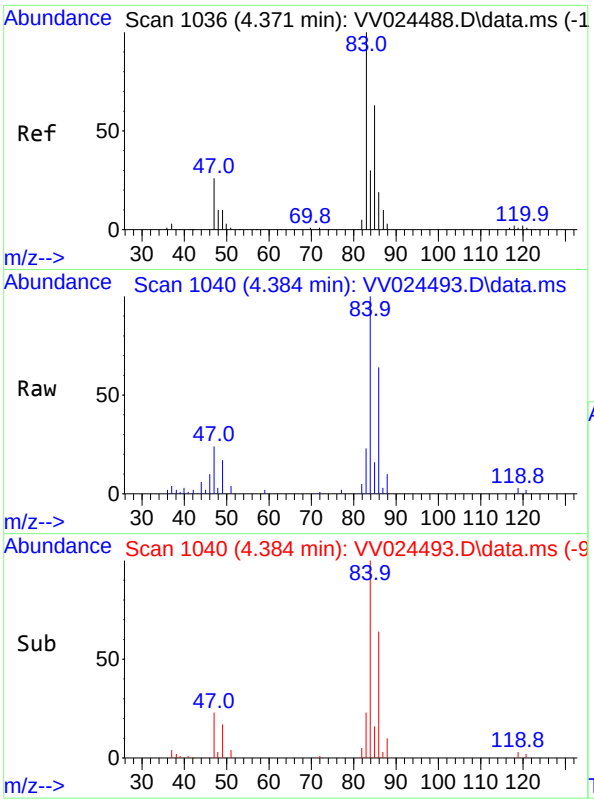


#22
cis-1,2-Dichloroethene
Concen: 21.764 ug/L
RT: 3.911 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Tgt Ion: 96 Resp: 194182

Ion	Ratio	Lower	Upper
96	100		
61	127.4	83.4	154.8
68	0.0	0.0	0.0



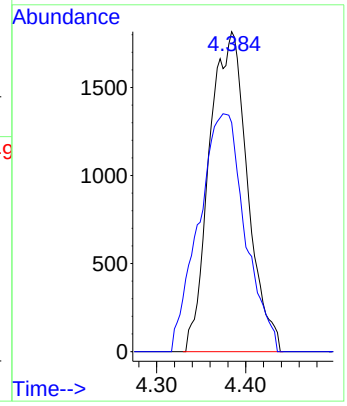


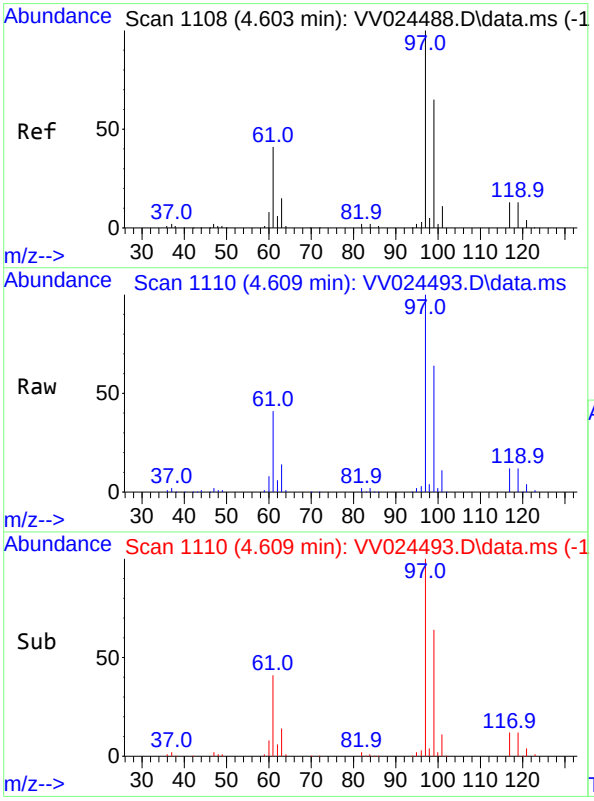
#25
Chloroform
Concen: 0.287 ug/L
RT: 4.384 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Instrument :
MSVOA_V
ClientSampleId :
C0HM2

Tgt Ion: 83 Resp: 5389

Ion	Ratio	Lower	Upper
83	100		
85	71.5	45.2	84.0

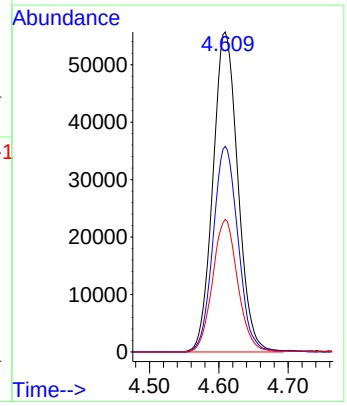


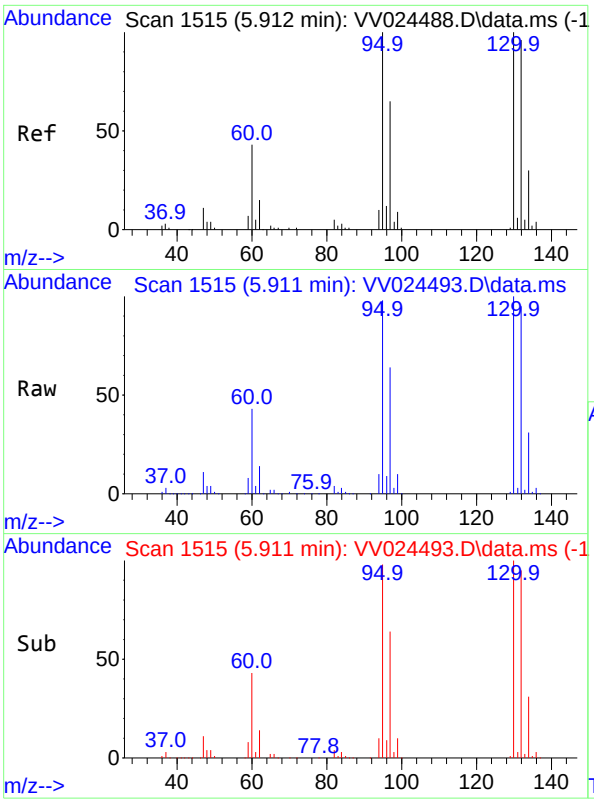


#29
1,1,1-Trichloroethane
Concen: 8.867 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Tgt Ion: 97 Resp: 139156

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	41.7	33.2	49.8



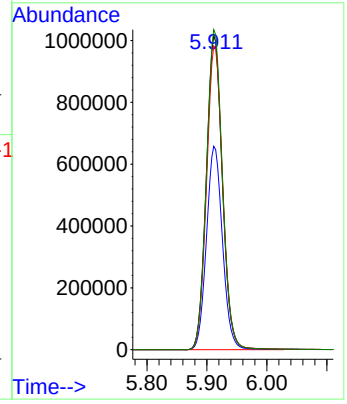


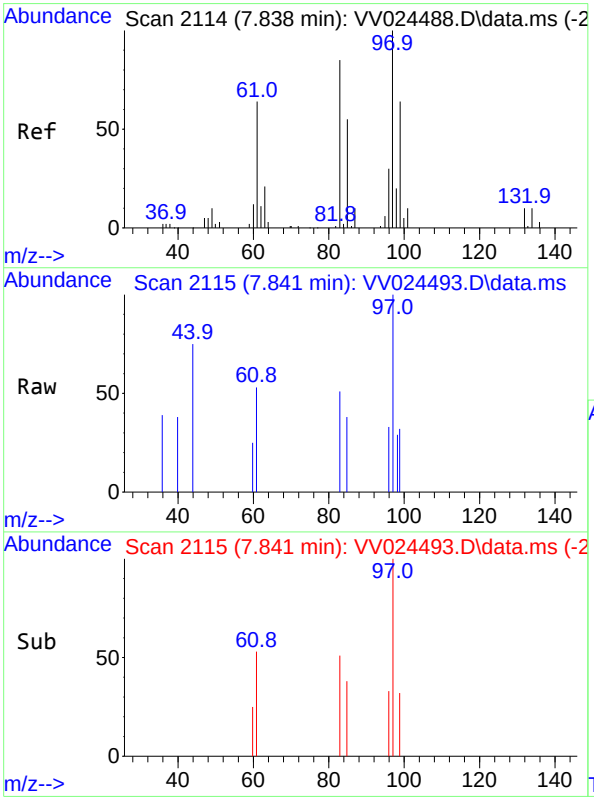
#34
Trichloroethene
Concen: 185.520 ug/L
RT: 5.911 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Instrument :
MSVOA_V
ClientSampleId :
C0HM2

Tgt Ion: 95 Resp: 1898987

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.2	84.0
132	96.7	76.1	141.3
130	101.9	75.4	140.0

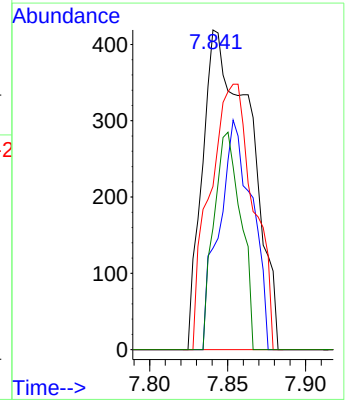


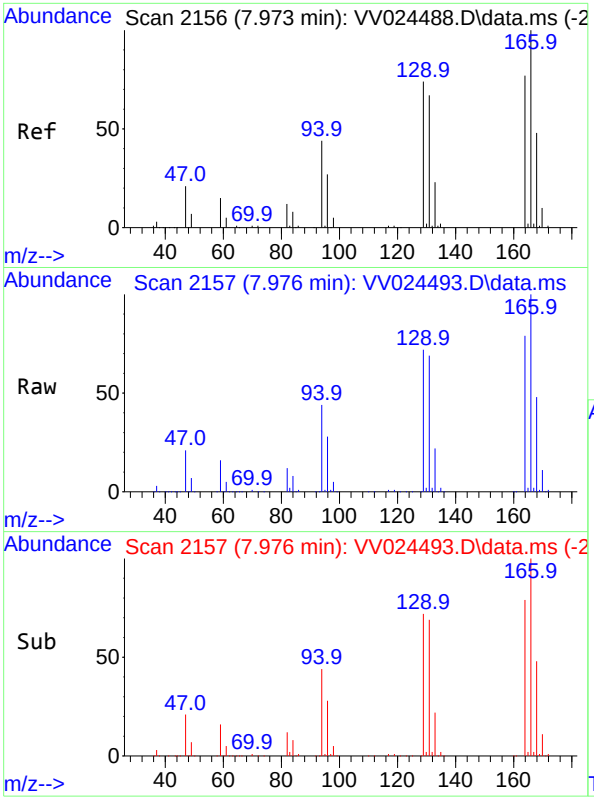


#45
1,1,2-Trichloroethane
Concen: 0.149 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Tgt Ion: 97 Resp: 894

Ion	Ratio	Lower	Upper
97	100		
99	31.7	43.1	80.1#
83	51.1	57.9	107.5#
85	37.9	38.0	70.6#





#47
Tetrachloroethene
Concen: 72.272 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024493.D
Acq: 28 Jan 2022 18:01

Instrument :
MSVOA_V
ClientSampleId :
C0HM2

Tgt Ion:164 Resp: 582756

Ion	Ratio	Lower	Upper
164	100		
129	91.3	62.6	116.2
131	87.6	61.0	113.4
166	126.6	87.3	162.1