Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\Not Reviewed Data\
Data File : VX036031.D
Acq On : 06 Jun 2023 14:37
Operator : JC/MD
Sample : 02991-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Quant Time: Jun 08 15:27:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM060623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 07 05:37:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	305787	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	267211	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	130998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102964	49.560	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.120%			
7) Chloroethane-d5	1.673	69	79634	49.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.960%			
11) 1,1-Dichloroethene-d2	2.307	65	52465	49.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.620%			
21) 2-Butanone-d5	4.471	46	167182	98.174	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.170%			
24) Chloroform-d	5.062	84	201981	46.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.240%			
26) 1,2-Dichloroethane-d4	5.952	65	155293	49.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.240%			
32) Benzene-d6	5.971	84	414544	51.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.140%			
36) 1,2-Dichloropropane-d6	7.312	67	125884	50.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.760%			
41) Toluene-d8	8.647	98	363183	49.089	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.180%			
43) trans-1,3-Dichloroprop...	8.952	79	54751	45.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.300%			
47) 2-Hexanone-d5	9.385	63	115603	103.908	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.910%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172056	50.416	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.840%			
66) 1,2-Dichlorobenzene-d4	12.317	152	130032	51.126	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.260%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	1209	0.595	ug/L #	1
18) Methyl tert-butyl Ether	3.117	73	5997	0.774	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	10537	4.218	ug/L	93
25) Chloroform	5.087	83	6920	1.466	ug/L	97
34) Trichloroethene	7.123	95	27957	11.660	ug/L	97
37) 1,2-Dichloropropane	7.306	63	15747	6.740	ug/L #	87
39) cis-1,3-Dichloropropene	8.330	75	4199	1.150	ug/L #	76
44) trans-1,3-Dichloropropene	8.952	75	2838	0.830	ug/L	95
46) Tetrachloroethene	9.275	164	97612	58.217	ug/L	95

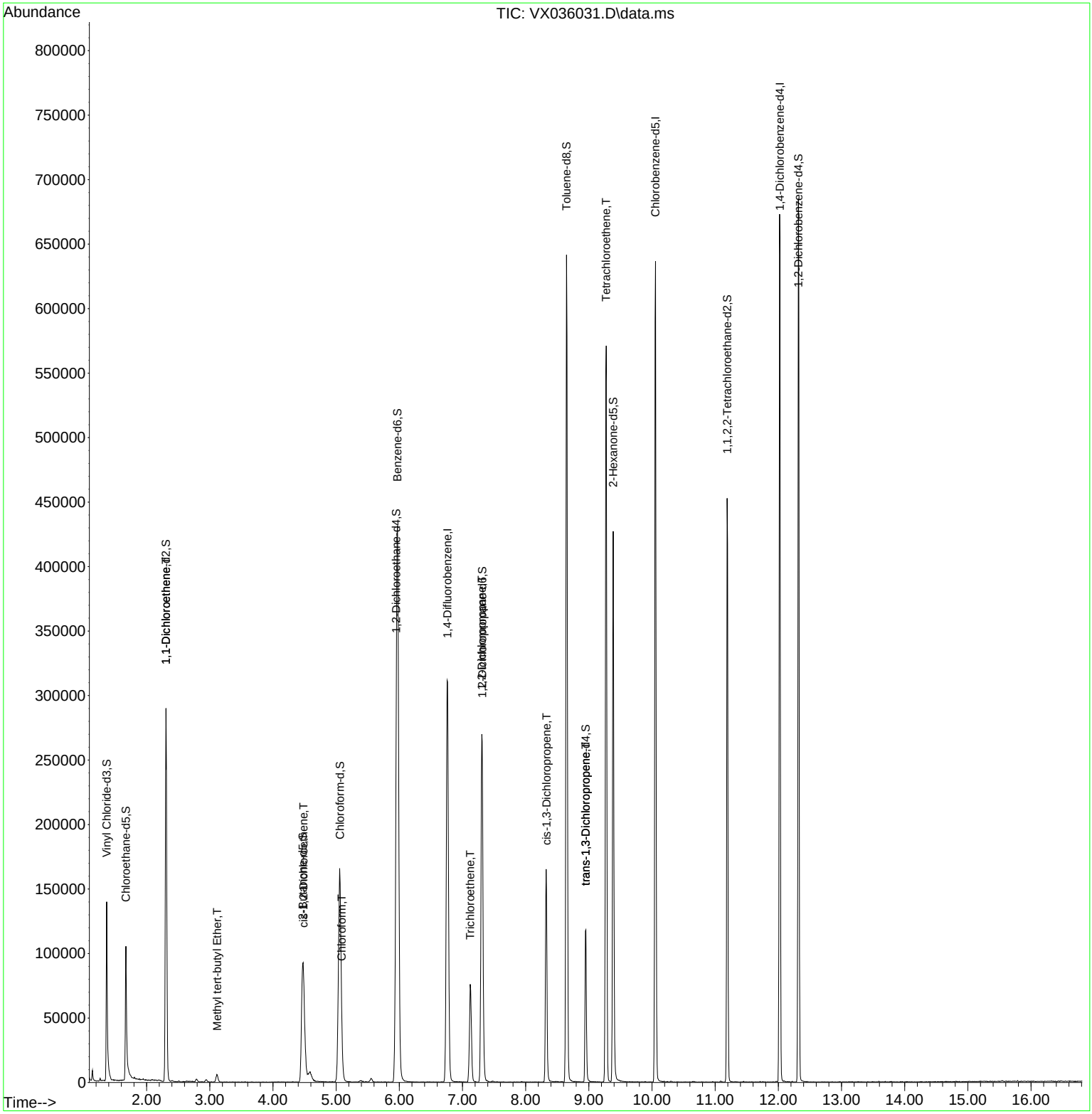
(#) = qualifier out of range (m) = manual integration (+) = signals summed

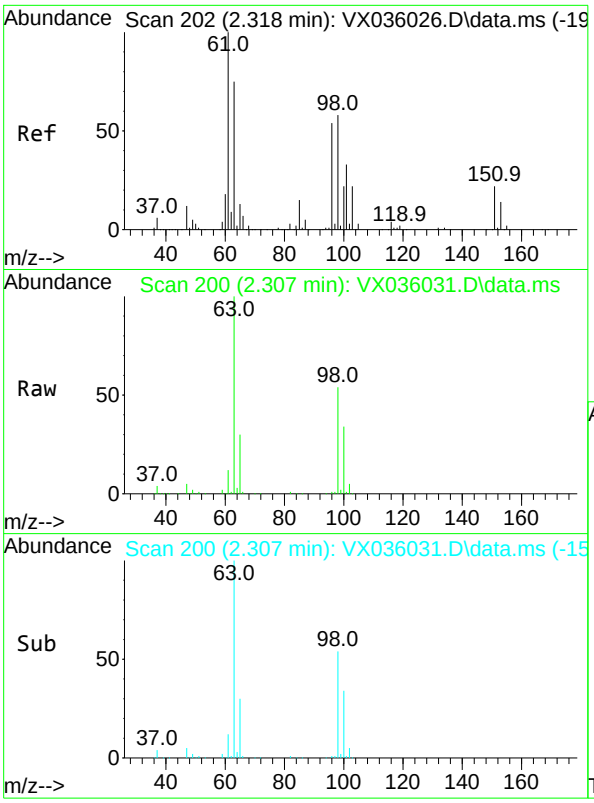
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\Not Reviewed Data\
Data File : VX036031.D
Acq On : 06 Jun 2023 14:37
Operator : JC/MD
Sample : 02991-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Quant Time: Jun 08 15:27:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM060623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 07 05:37:48 2023
Response via : Initial Calibration



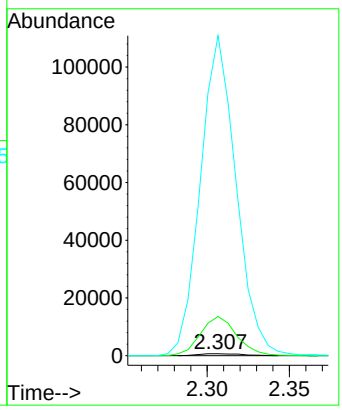


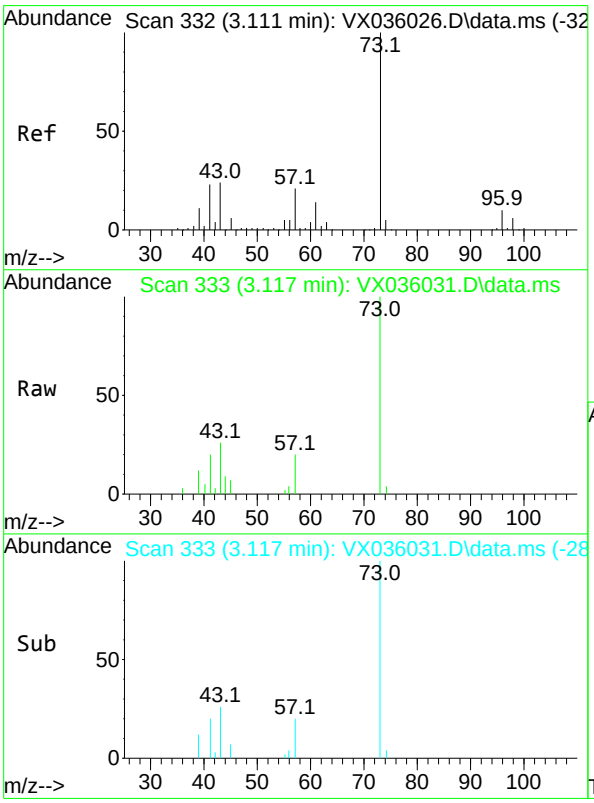
#12
1,1-Dichloroethene
Concen: 0.595 ug/L
RT: 2.307 min Scan# 2(
Delta R.T. -0.012 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Tgt Ion: 96 Resp: 1209

Ion	Ratio	Lower	Upper
96	100		
61	2049.5	132.5	246.1#
63	16700.0	95.1	176.7#

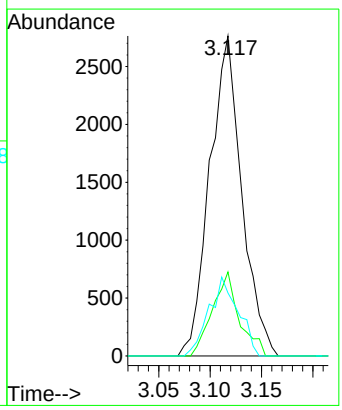


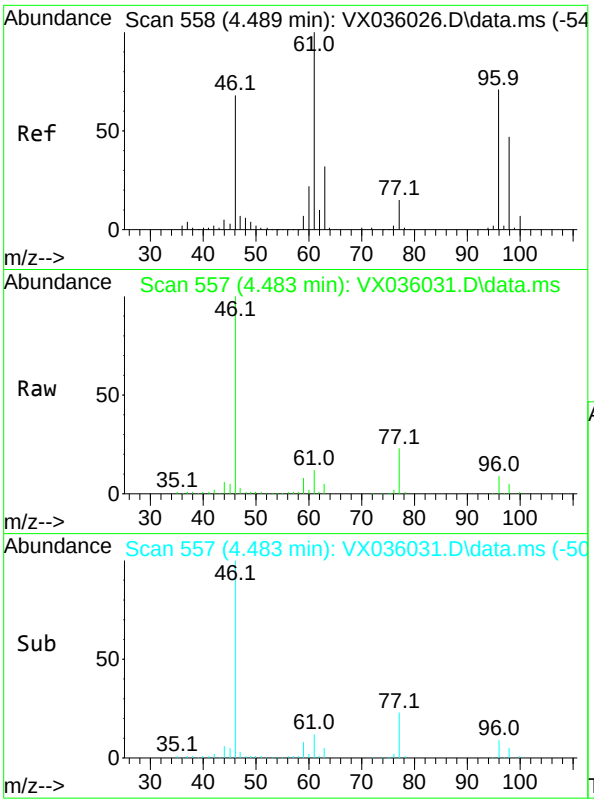


#18
Methyl tert-butyl Ether
Concen: 0.774 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Tgt Ion: 73 Resp: 5997

Ion	Ratio	Lower	Upper
73	100		
43	21.9	19.4	29.0
57	22.6	17.5	26.3



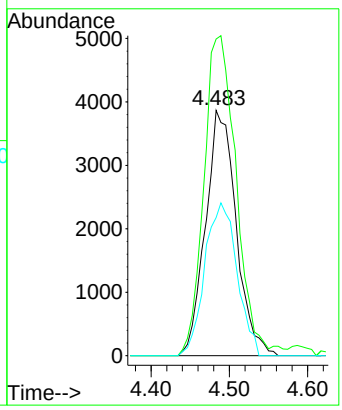


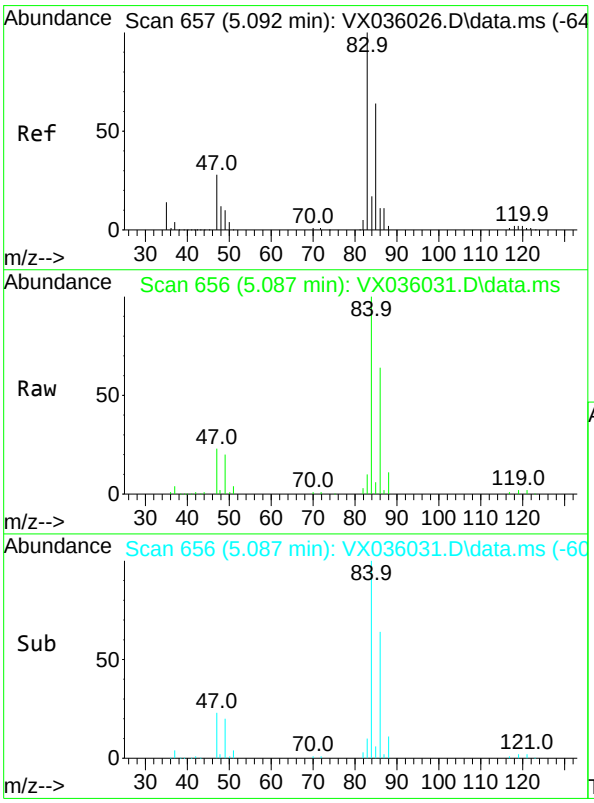
#20
cis-1,2-Dichloroethene
Concen: 4.218 ug/L
RT: 4.483 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Tgt Ion: 96 Resp: 10537

Ion	Ratio	Lower	Upper
96	100		
61	129.0	94.7	175.9
98	56.3	45.4	84.4

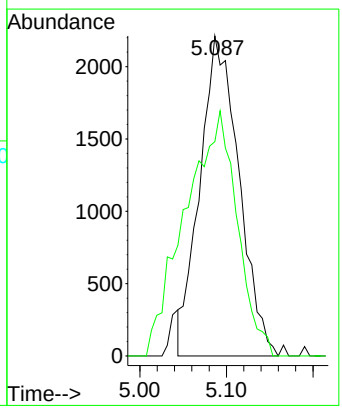


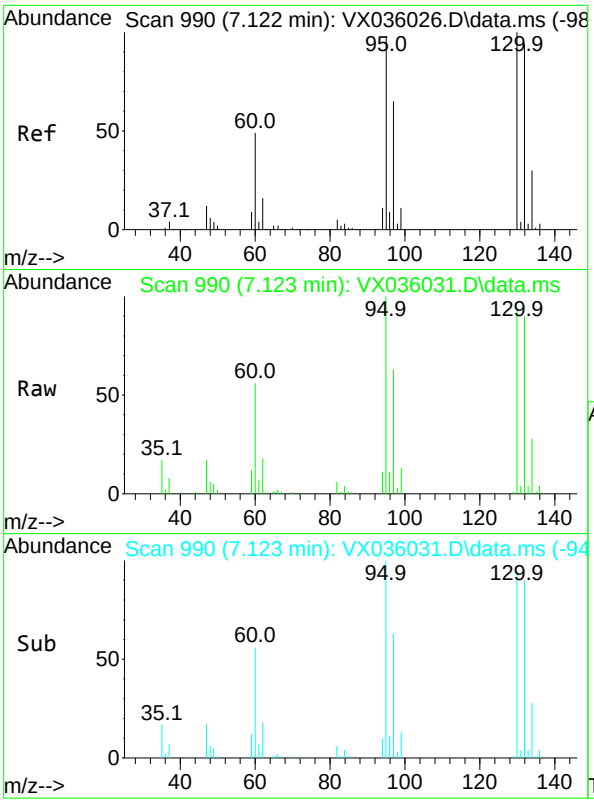


#25
Chloroform
Concen: 1.466 ug/L
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Tgt Ion: 83 Resp: 6920

Ion	Ratio	Lower	Upper
83	100		
85	67.0	45.0	83.6



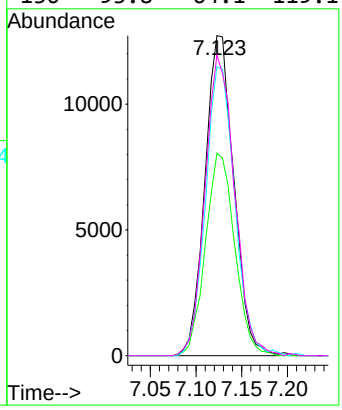


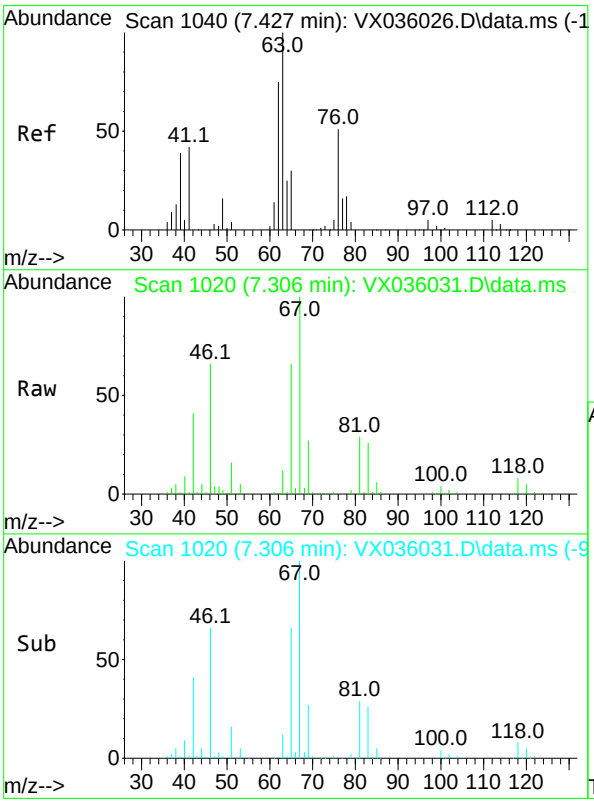
#34
Trichloroethene
Concen: 11.660 ug/L
RT: 7.123 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Tgt Ion: 95 Resp: 27957

Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.6	81.0
132	90.3	59.9	111.3
130	93.8	64.1	119.1

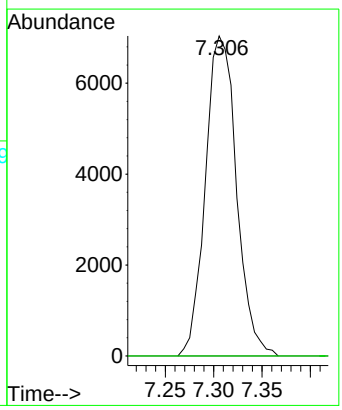


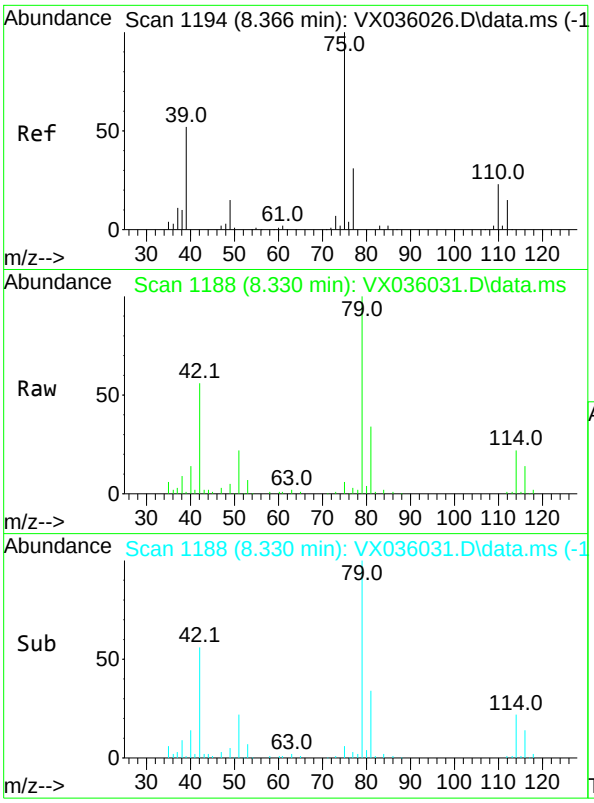


#37
1,2-Dichloropropane
Concen: 6.740 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Tgt Ion: 63 Resp: 15747

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



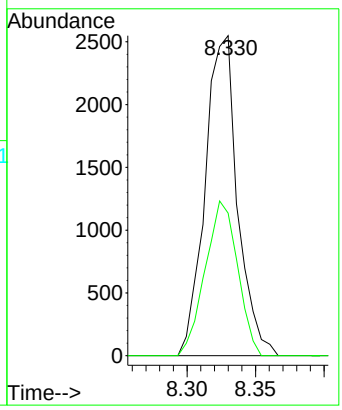


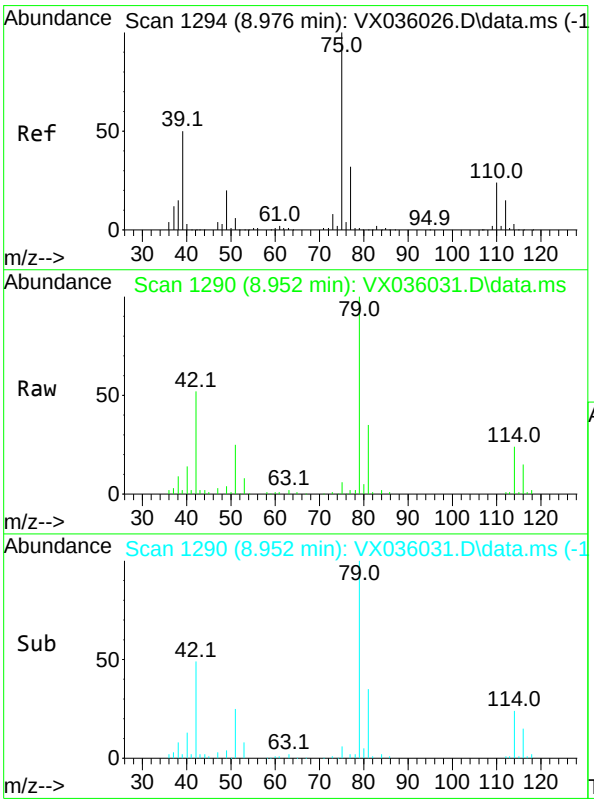
#39
cis-1,3-Dichloropropene
Concen: 1.150 ug/L
RT: 8.330 min Scan# 11
Delta R.T. -0.036 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Tgt Ion: 75 Resp: 4199

Ion	Ratio	Lower	Upper
75	100		
77	44.6	21.9	40.7#

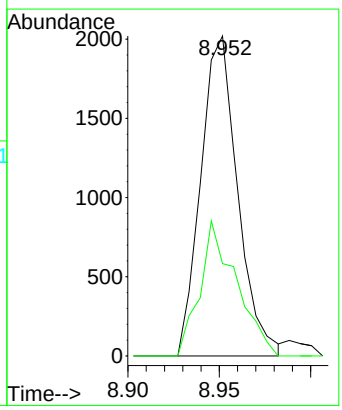


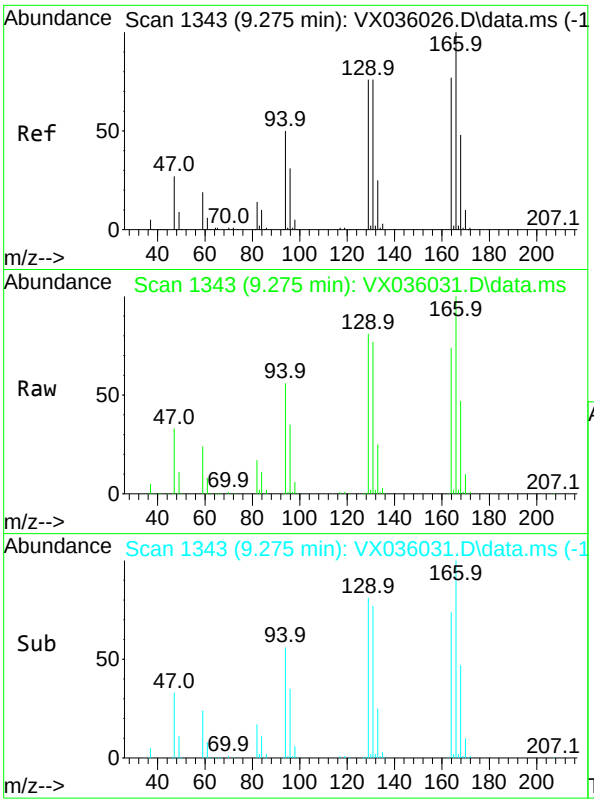


#44
trans-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Tgt Ion: 75 Resp: 2838

Ion	Ratio	Lower	Upper
75	100		
77	28.9	22.0	41.0





#46
Tetrachloroethene
Concen: 58.217 ug/L
RT: 9.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Tgt Ion:164 Resp: 97612

Ion	Ratio	Lower	Upper
164	100		
129	108.3	74.8	139.0
131	103.1	68.9	127.9
166	134.3	86.8	161.2