Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039281.D
Acq On : 16 Dec 2023 11:40
Operator : JC/MD
Sample : 05844-08DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 21:11:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212736	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	70880	42.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.960%			
7) Chloroethane-d5	1.666	69	53509	43.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.780%			
11) 1,1-Dichloroethene-d2	2.306	65	36776	50.210	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.420%			
21) 2-Butanone-d5	4.446	46	147779	97.841	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.840%			
24) Chloroform-d	5.056	84	141285	47.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.660%			
26) 1,2-Dichloroethane-d4	5.958	65	99056	51.782	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.560%			
32) Benzene-d6	5.970	84	295564	49.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.220%			
36) 1,2-Dichloropropane-d6	7.305	67	94517	48.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.600%			
41) Toluene-d8	8.647	98	263146	48.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.480%			
43) trans-1,3-Dichloroprop...	8.951	79	42720	43.339	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.680%			
47) 2-Hexanone-d5	9.384	63	106736	92.259	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.260%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131409	47.823	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.640%			
66) 1,2-Dichlorobenzene-d4	12.317	152	88394	48.768	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.540%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	5068	2.900	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1172	0.804	ug/L #	30
12) 1,1-Dichloroethene	2.319	96	72937	53.220	ug/L	98
19) 1,1-Dichloroethane	3.611	63	11100	3.888	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	2062	1.231	ug/L	87
39) cis-1,3-Dichloropropene	8.324	75	3251	1.186	ug/L #	78
44) trans-1,3-Dichloropropene	8.951	75	2348	0.923	ug/L #	81

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

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QLast Update : Tue Dec 12 03:50:51 2023
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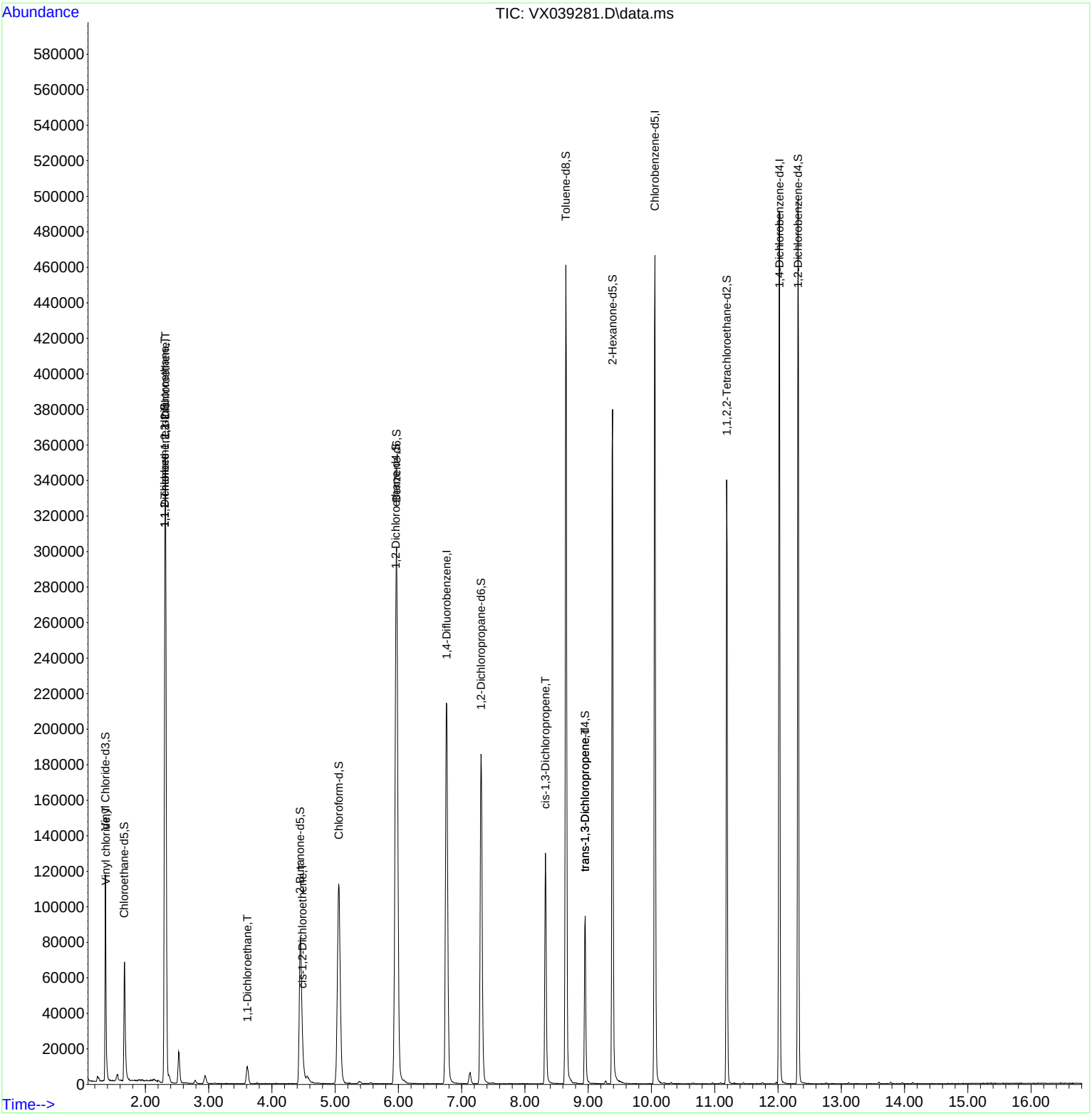
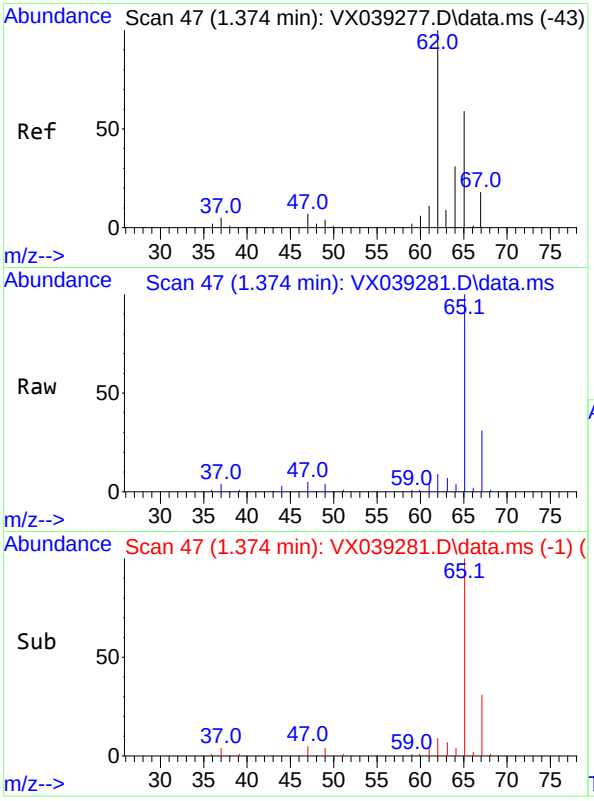


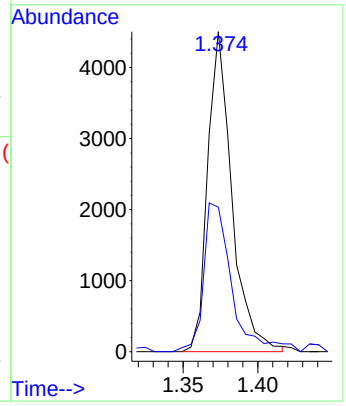


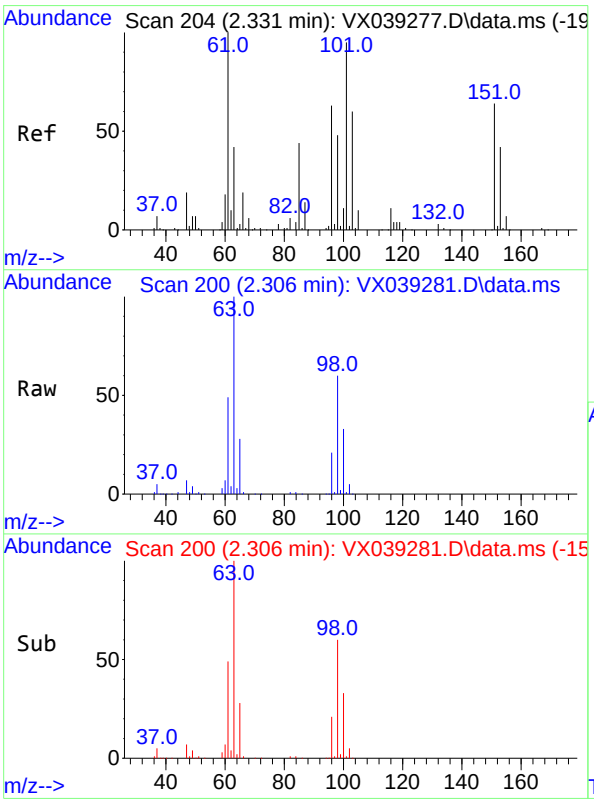
#5
Vinyl chloride
Concen: 2.900 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX039281.D
Acq: 16 Dec 2023 11:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 5068

Ion	Ratio	Lower	Upper
62	100		
64	45.1	22.3	41.3#

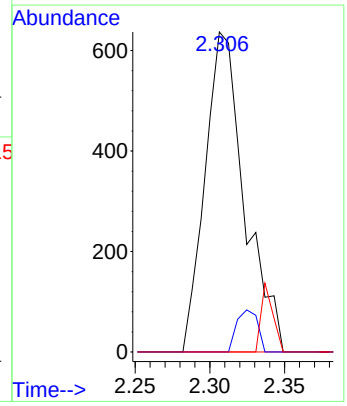


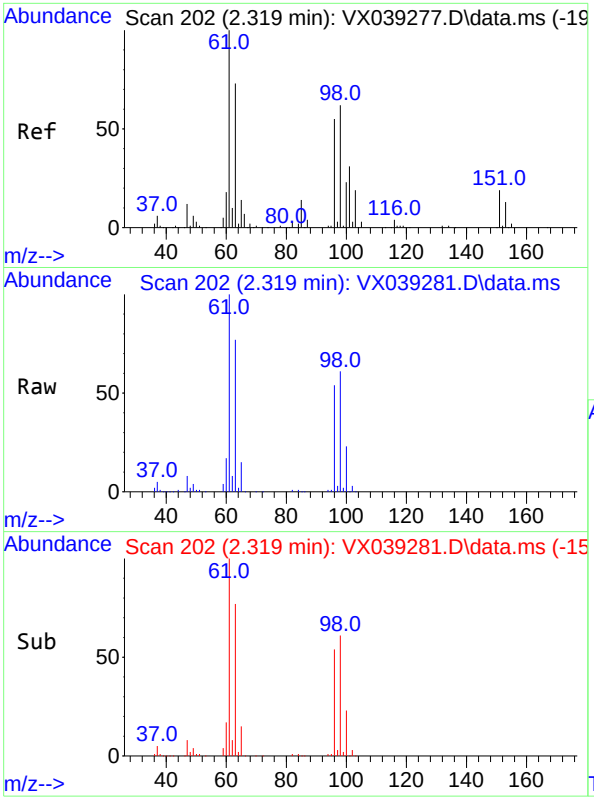


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.804 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX039281.D
Acq: 16 Dec 2023 11:40

Tgt Ion:101 Resp: 1172

Ion	Ratio	Lower	Upper
101	100		
85	6.9	35.8	53.6#
151	6.4	55.4	83.2#



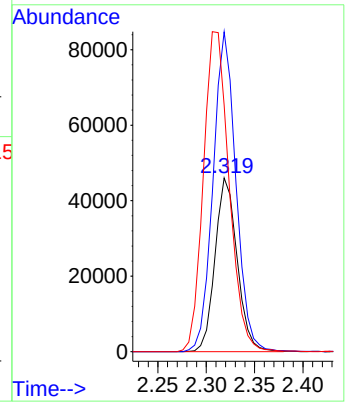


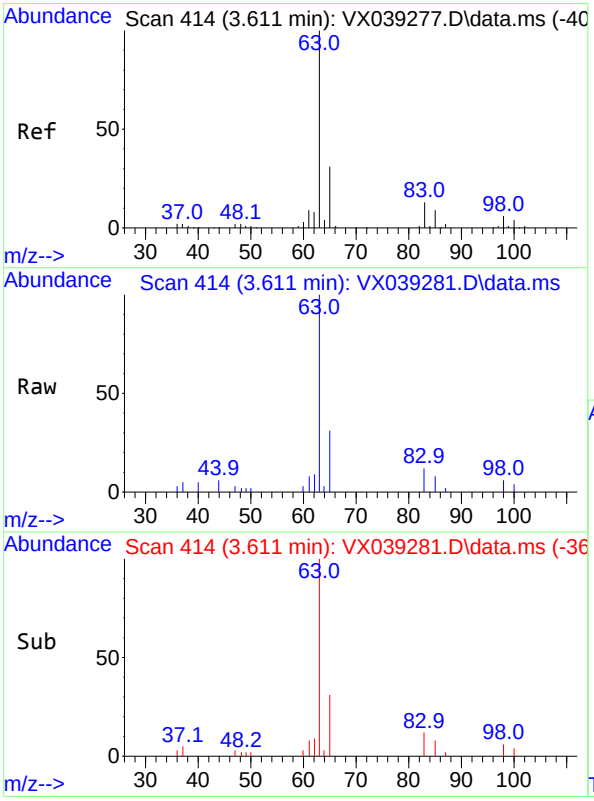
#12
1,1-Dichloroethene
Concen: 53.220 ug/L
RT: 2.319 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX039281.D
Acq: 16 Dec 2023 11:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 72937

Ion	Ratio	Lower	Upper
96	100		
61	184.0	128.0	237.6
63	141.8	101.5	188.5

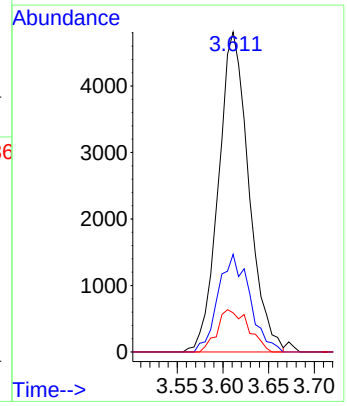


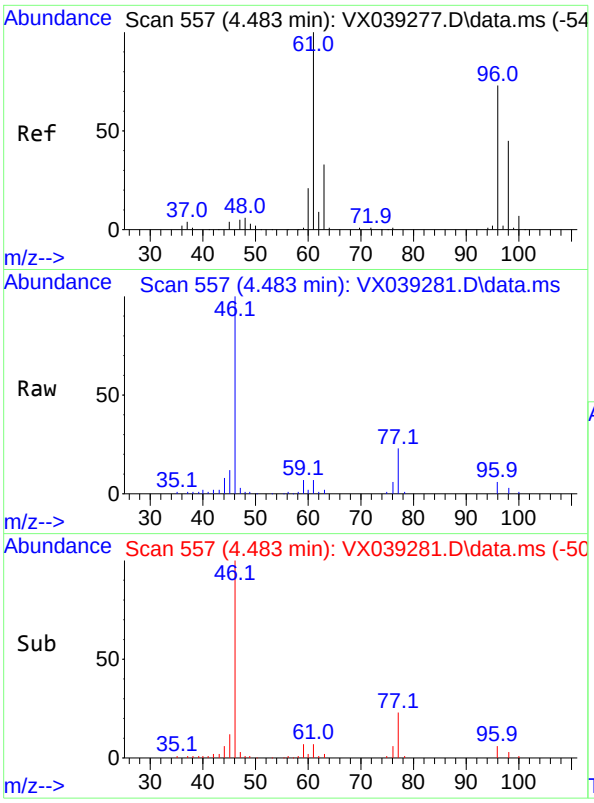


#19
1,1-Dichloroethane
Concen: 3.888 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039281.D
Acq: 16 Dec 2023 11:40

Tgt Ion: 63 Resp: 11100

Ion	Ratio	Lower	Upper
63	100		
65	30.5	21.1	39.3
83	12.3	9.7	17.9



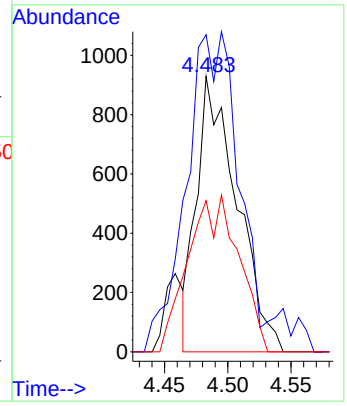


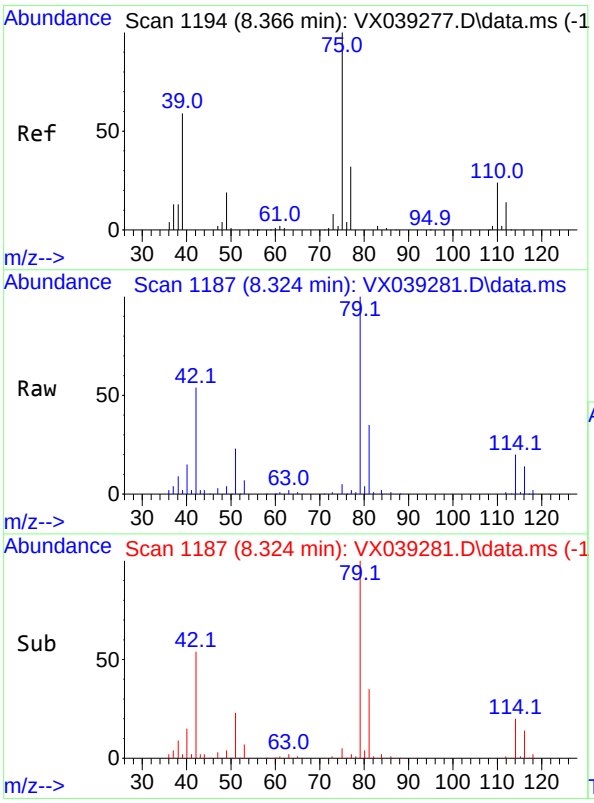
#20
cis-1,2-Dichloroethene
Concen: 1.231 ug/L
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX039281.D
Acq: 16 Dec 2023 11:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2062

Ion	Ratio	Lower	Upper
96	100		
61	115.2	91.7	170.3
98	54.9	44.2	82.2

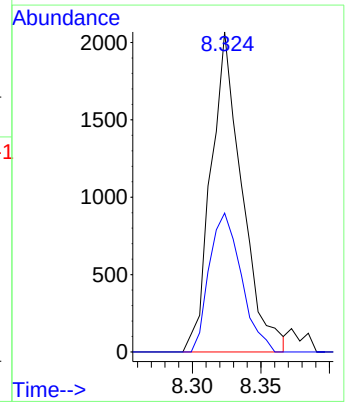


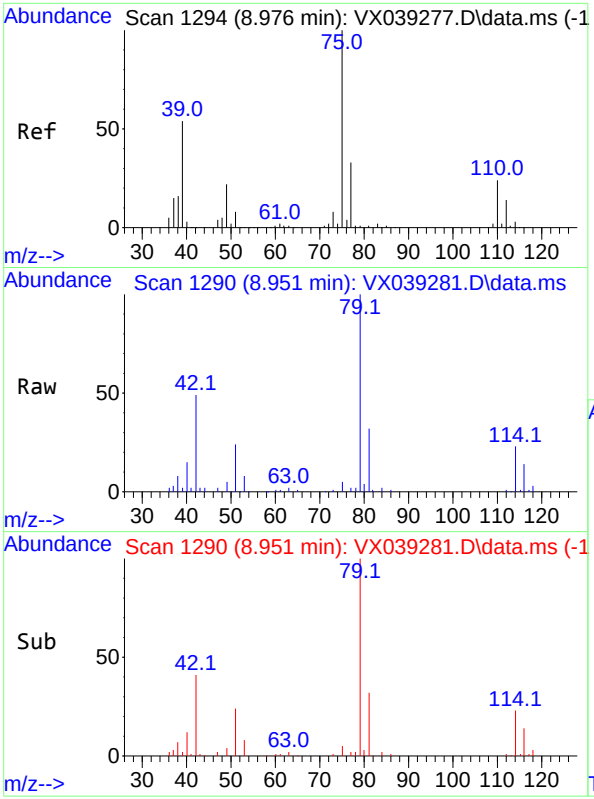


#39
cis-1,3-Dichloropropene
Concen: 1.186 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.037 min
Lab File: VX039281.D
Acq: 16 Dec 2023 11:40

Tgt Ion: 75 Resp: 3251

Ion	Ratio	Lower	Upper
75	100		
77	43.4	22.0	40.8#





#44
trans-1,3-Dichloropropene
Concen: 0.923 ug/L
RT: 8.951 min Scan# 1
Delta R.T. -0.019 min
Lab File: VX039281.D
Acq: 16 Dec 2023 11:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2348

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.0	40.8#