Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
Data File : VX030597.D
Acq On : 12 Aug 2022 16:21
Operator : JC/MD
Sample : N4131-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5D90

Quant Time: Aug 12 23:31:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 12 23:28:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	250495	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	227560	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	75350	46.841	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.680%			
7) Chloroethane-d5	1.666	69	60262	53.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.280%			
11) 1,1-Dichloroethene-d2	2.306	63	127691	41.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.920%			
21) 2-Butanone-d5	4.476	46	193920	130.106	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 130.110%#			
24) Chloroform-d	5.068	84	172667	52.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.280%			
26) 1,2-Dichloroethane-d4	5.964	65	132064	58.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.480%			
32) Benzene-d6	5.982	84	335574	51.481	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.960%			
36) 1,2-Dichloropropane-d6	7.311	67	118435	56.002	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.000%			
41) Toluene-d8	8.653	98	296964	48.332	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.660%			
43) trans-1,3-Dichloroprop...	8.951	79	51505	48.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.900%			
47) 2-Hexanone-d5	9.390	63	125556	116.474	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.470%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	163662	58.909	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.820%			
66) 1,2-Dichlorobenzene-d4	12.323	152	102982	53.535	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.080%			
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	798904	461.468	ug/L	97
12) 1,1-Dichloroethene	2.318	96	11375	8.113	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	55287	34.037	ug/L	93
18) Methyl tert-butyl Ether	3.123	73	3868	0.700	ug/L #	93
20) cis-1,2-Dichloroethene	4.495	96	1307374	715.510	ug/L	96
35) Methylcyclohexane	7.311	83	27056	8.795	ug/L #	18
37) 1,2-Dichloropropane	7.317	63	13612	7.017	ug/L #	89
39) cis-1,3-Dichloropropene	8.336	75	3812	1.317	ug/L #	70
44) trans-1,3-Dichloropropene	8.951	75	2637	0.931	ug/L	96

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

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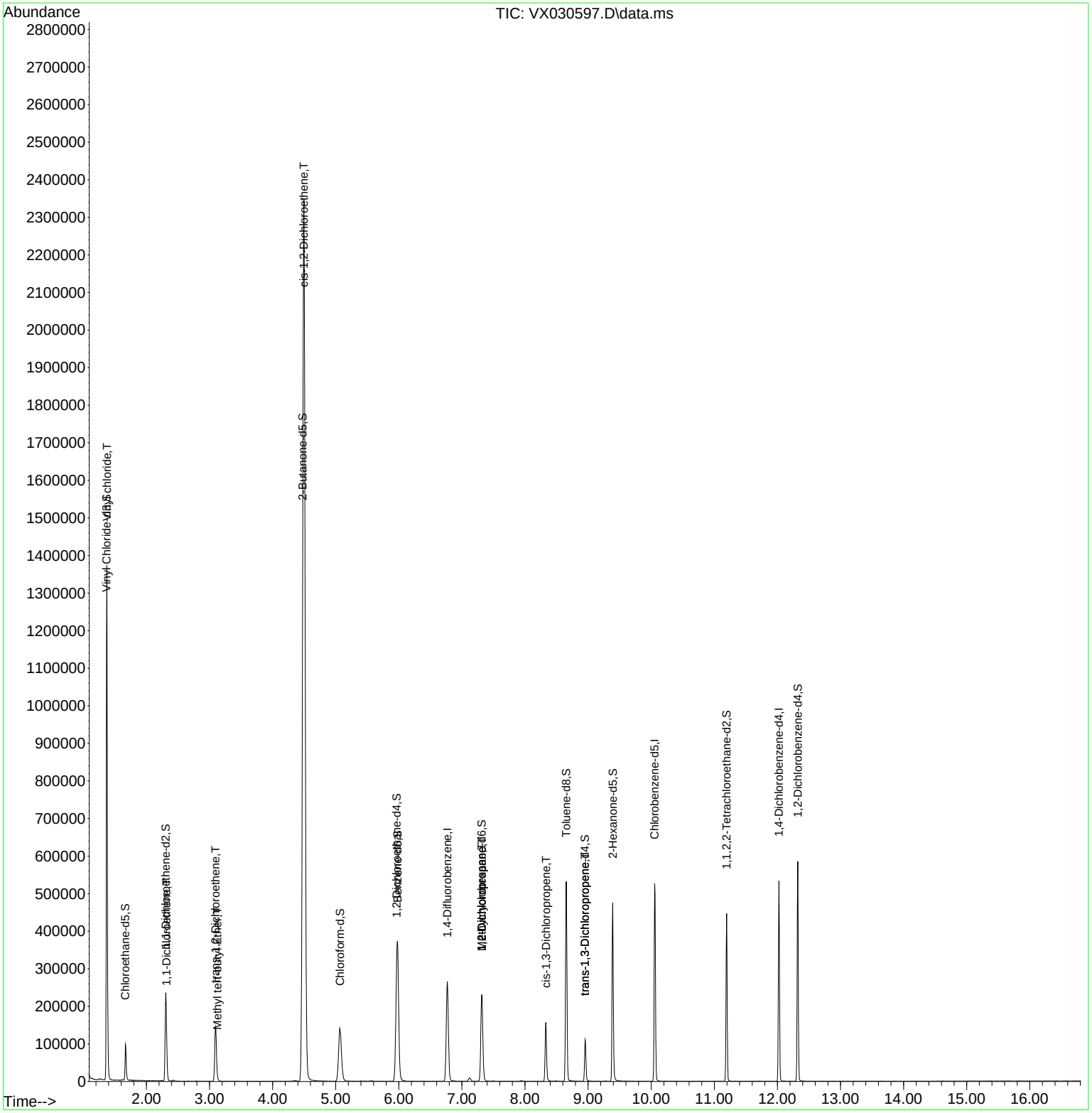
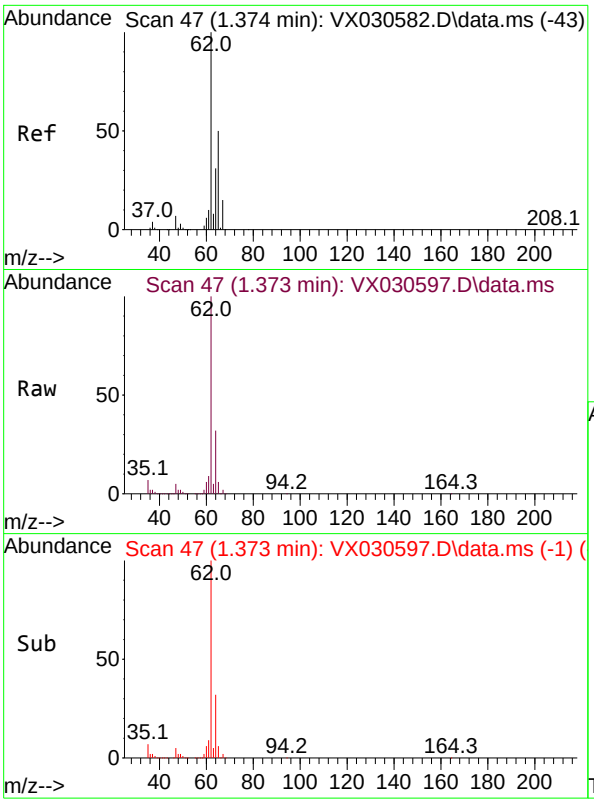


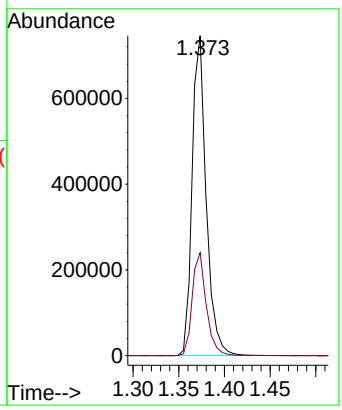


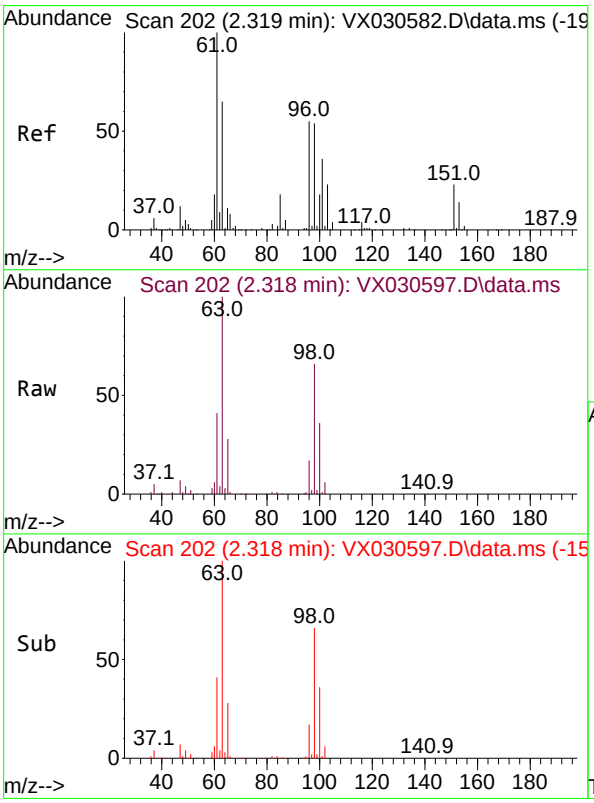
#5
Vinyl chloride
Concen: 461.468 ug/L
RT: 1.373 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
F5D90

Tgt Ion: 62 Resp: 798904

Ion	Ratio	Lower	Upper
62	100		
64	32.2	23.8	44.2

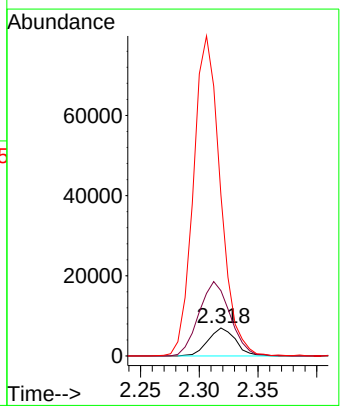


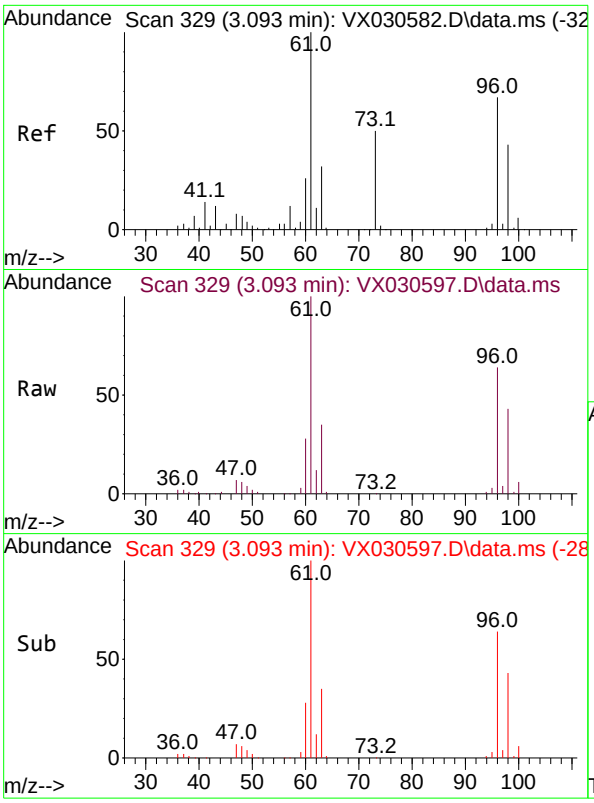


#12
1,1-Dichloroethene
Concen: 8.113 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Tgt Ion: 96 Resp: 11375

Ion	Ratio	Lower	Upper
96	100		
61	232.6	130.2	241.8
63	573.6	113.5	210.9#



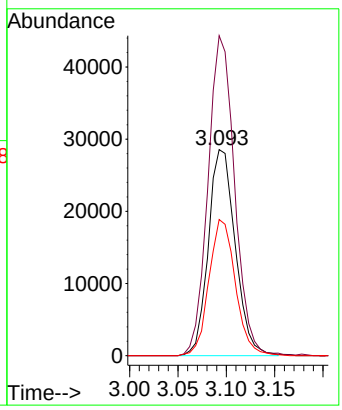


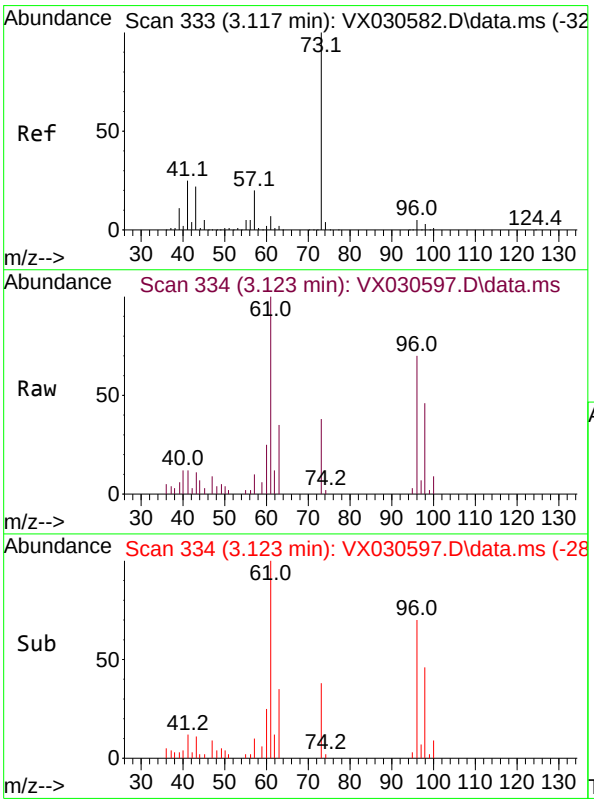
#17
trans-1,2-Dichloroethene
Concen: 34.037 ug/L
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
F5D90

Tgt Ion: 96 Resp: 55287

Ion	Ratio	Lower	Upper
96	100		
61	155.3	103.7	192.5
98	66.0	41.5	77.1

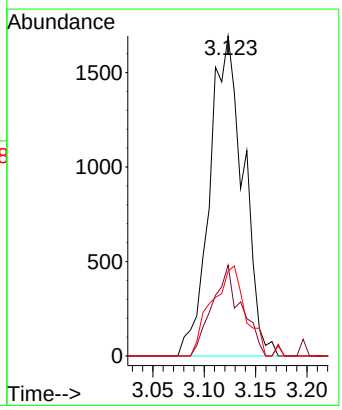


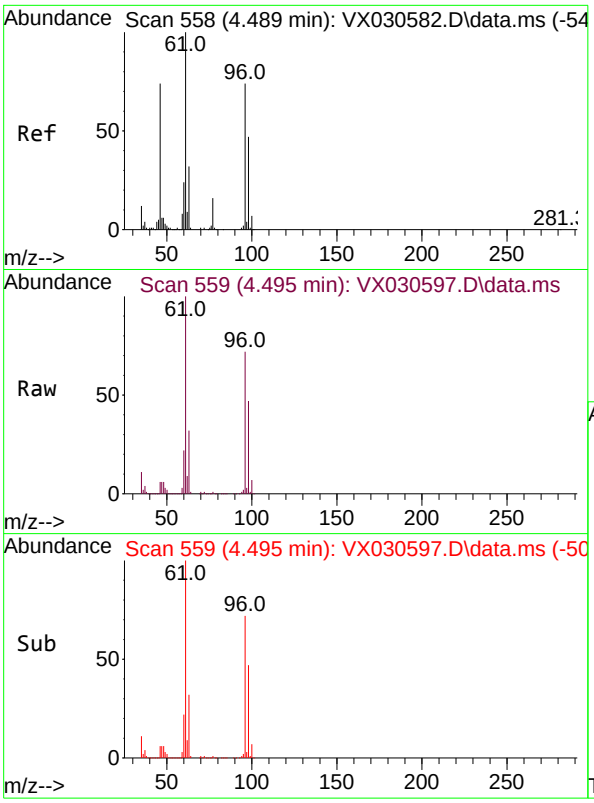


#18
Methyl tert-butyl Ether
Concen: 0.700 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Tgt Ion: 73 Resp: 3868

Ion	Ratio	Lower	Upper
73	100		
43	24.5	17.6	26.4
57	26.5	17.5	26.3#



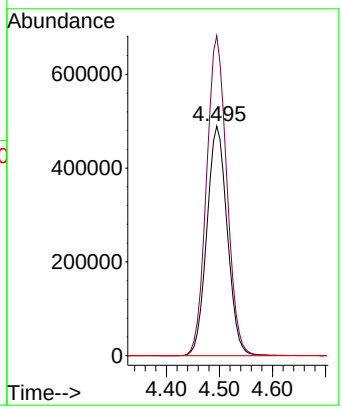


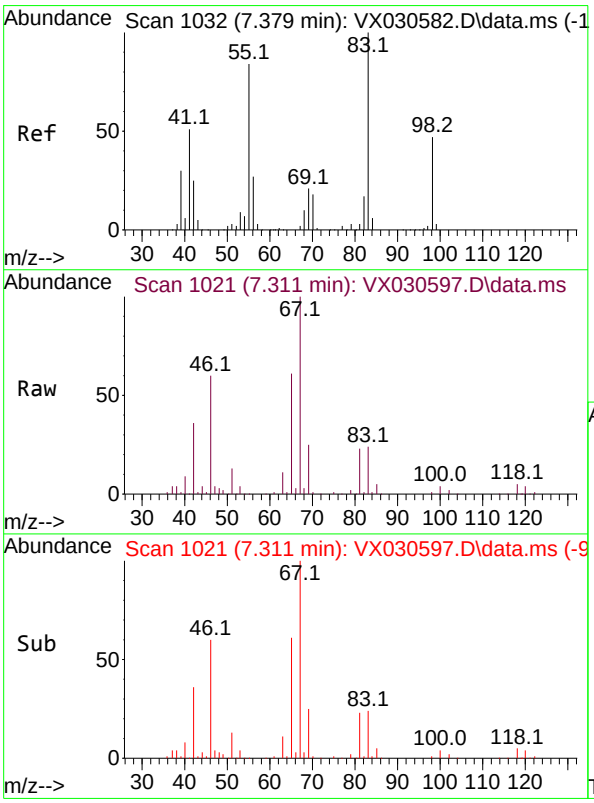
#20
cis-1,2-Dichloroethene
Concen: 715.510 ug/L
RT: 4.495 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
F5D90

Tgt Ion: 96 Resp: 1307374

Ion	Ratio	Lower	Upper
96	100		
61	139.4	94.0	174.6
68	0.0	0.0	0.0

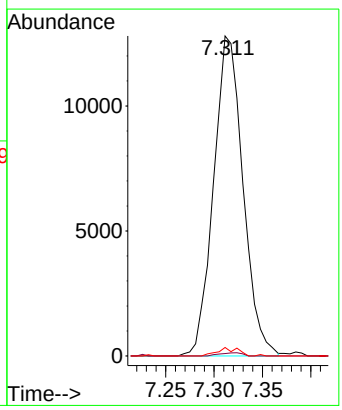


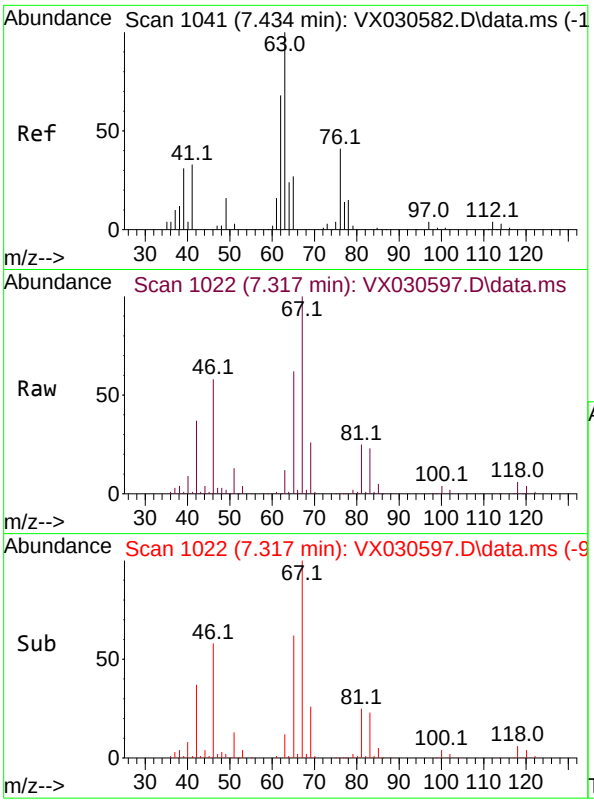


#35
Methylcyclohexane
Concen: 8.795 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Tgt Ion: 83 Resp: 27056

Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.0	96.0#
98	1.2	36.7	55.1#



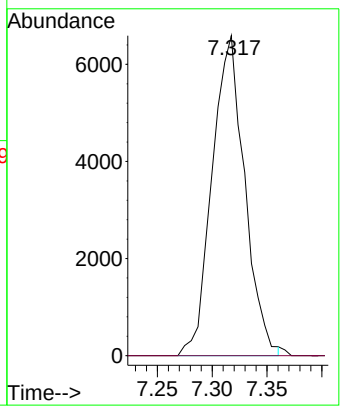


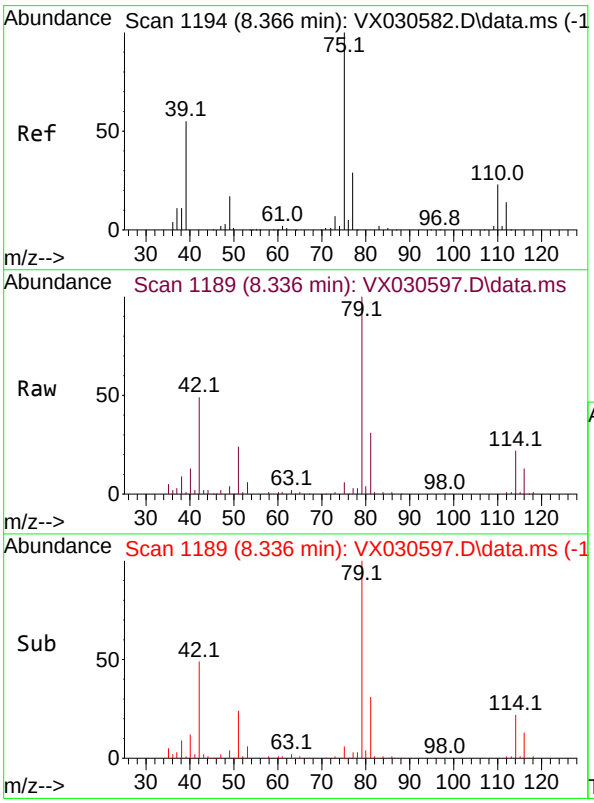
#37
1,2-Dichloropropane
Concen: 7.017 ug/L
RT: 7.317 min Scan# 1
Delta R.T. -0.116 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
F5D90

Tgt Ion: 63 Resp: 13612

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

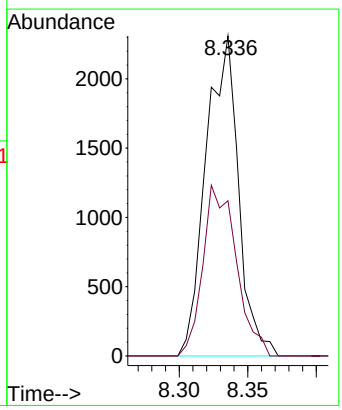


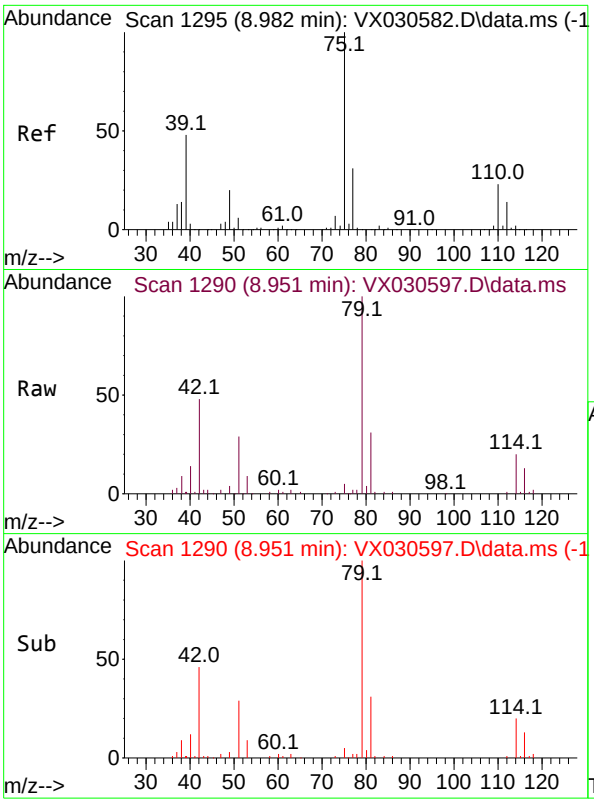


#39
cis-1,3-Dichloropropene
Concen: 1.317 ug/L
RT: 8.336 min Scan# 1189
Delta R.T. -0.031 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Tgt Ion: 75 Resp: 3812

Ion	Ratio	Lower	Upper
75	100		
77	48.5	22.4	41.6#





#44
trans-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 8.951 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX030597.D
Acq: 12 Aug 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
F5D90

Tgt Ion: 75 Resp: 2637

Ion	Ratio	Lower	Upper
75	100		
77	34.5	22.5	41.7