Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030429.D
Acq On : 05 Aug 2022 14:59
Operator : JC/MD
Sample : N4003-12DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 06 00:57:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 00:54:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	268823	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	238166	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	103060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	88601	51.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.640%			
7) Chloroethane-d5	1.666	69	71482	58.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.480%			
11) 1,1-Dichloroethene-d2	2.306	63	130249	39.886	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.780%			
21) 2-Butanone-d5	4.464	46	198974	124.395	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.390%			
24) Chloroform-d	5.068	84	192373	54.133	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.260%			
26) 1,2-Dichloroethane-d4	5.964	65	136679	56.643	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.280%			
32) Benzene-d6	5.976	84	380354	55.753	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.500%			
36) 1,2-Dichloropropane-d6	7.311	67	123928	55.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.980%			
41) Toluene-d8	8.653	98	346030	53.809	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.620%			
43) trans-1,3-Dichloroprop...	8.957	79	55142	50.077	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.160%			
47) 2-Hexanone-d5	9.390	63	133601	118.417	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.420%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	166673	57.321	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.640%			
66) 1,2-Dichlorobenzene-d4	12.323	152	117671	58.866	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.740%			
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	21078	11.345	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	2187	1.255	ug/L	90
20) cis-1,2-Dichloroethene	4.495	96	129675	66.131	ug/L	99
27) 1,2-Dichloroethane	5.982	62	2618	0.888	ug/L	99
35) Methylcyclohexane	7.311	83	29403	9.132	ug/L #	19
37) 1,2-Dichloropropane	7.311	63	15004	7.390	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	3993	1.318	ug/L #	74
44) trans-1,3-Dichloropropene	8.957	75	2615	0.882	ug/L	91
61) 1,2,3-Trichloropropane	12.024	75	13218	5.972	ug/L #	66

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

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Quant Title : VOC Analysis
QLast Update : Sat Aug 06 00:54:06 2022
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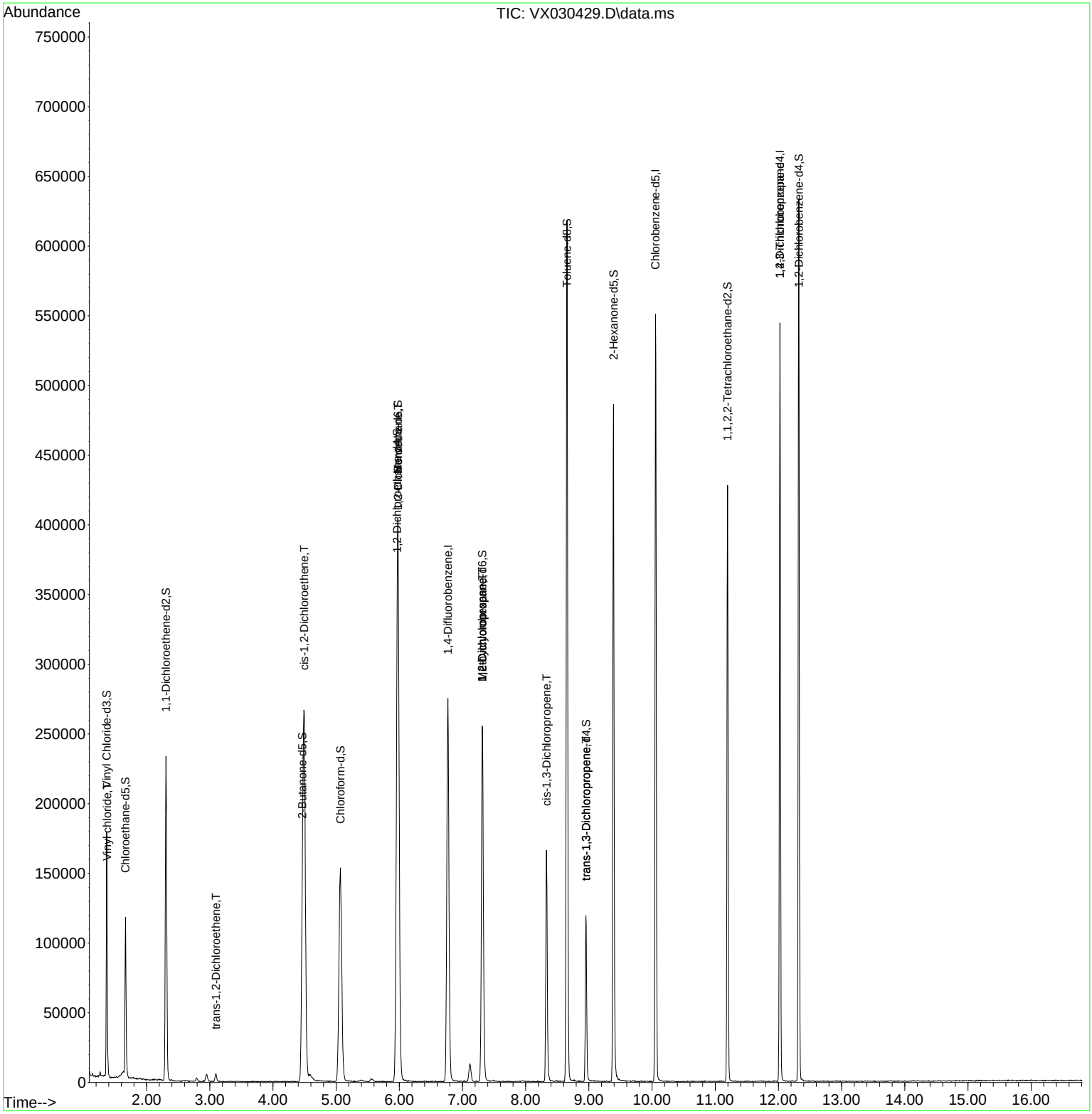
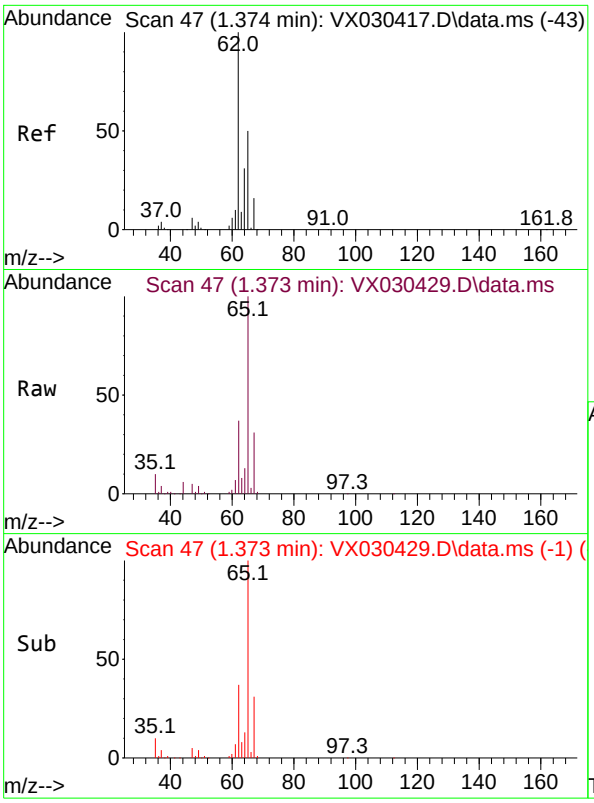


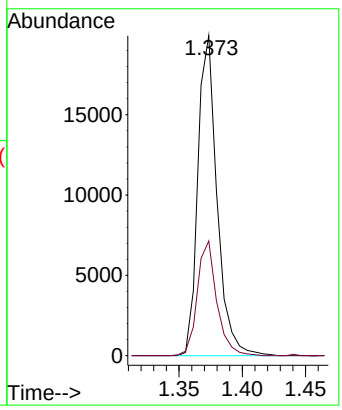


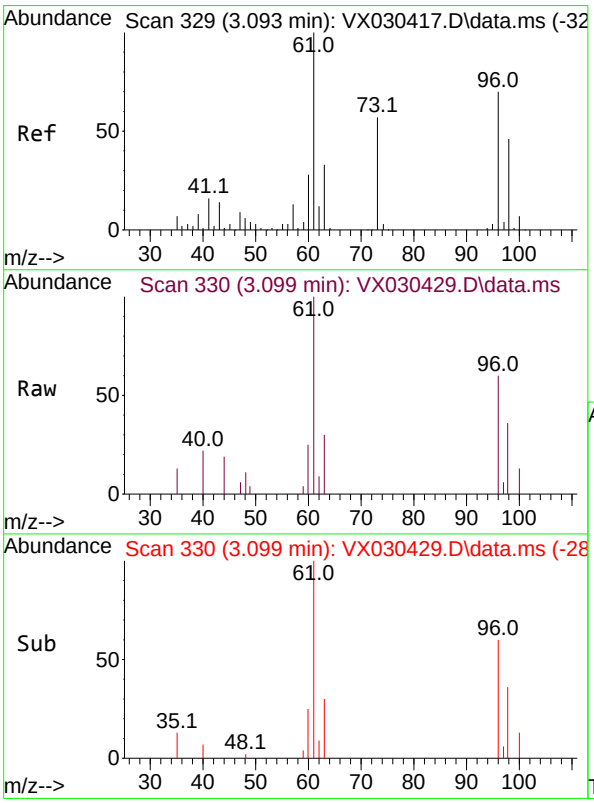
#5
Vinyl chloride
Concen: 11.345 ug/L
RT: 1.373 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 21078

Ion	Ratio	Lower	Upper
62	100		
64	35.8	23.8	44.2

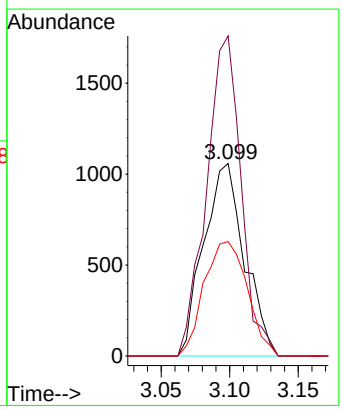


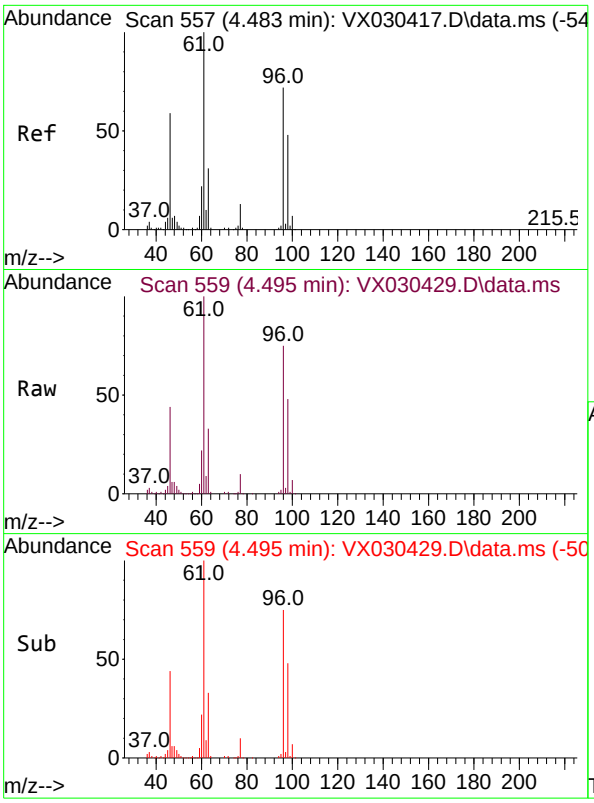


#17
trans-1,2-Dichloroethene
Concen: 1.255 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Tgt Ion: 96 Resp: 2187

Ion	Ratio	Lower	Upper
96	100		
61	166.2	103.7	192.5
98	59.4	41.5	77.1



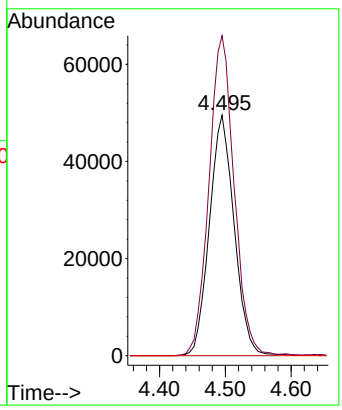


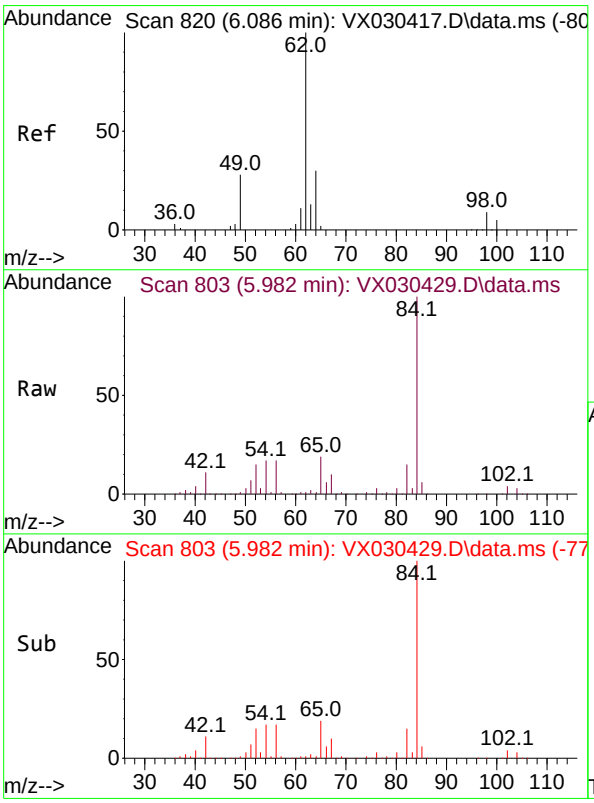
#20
cis-1,2-Dichloroethene
Concen: 66.131 ug/L
RT: 4.495 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 129675

Ion	Ratio	Lower	Upper
96	100		
61	133.1	94.0	174.6
68	0.0	0.0	0.0

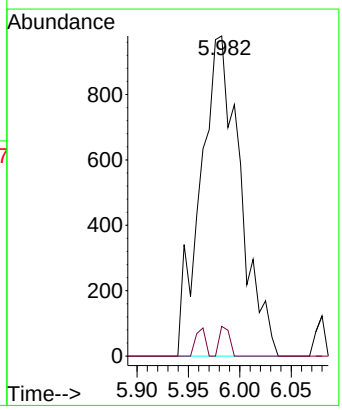


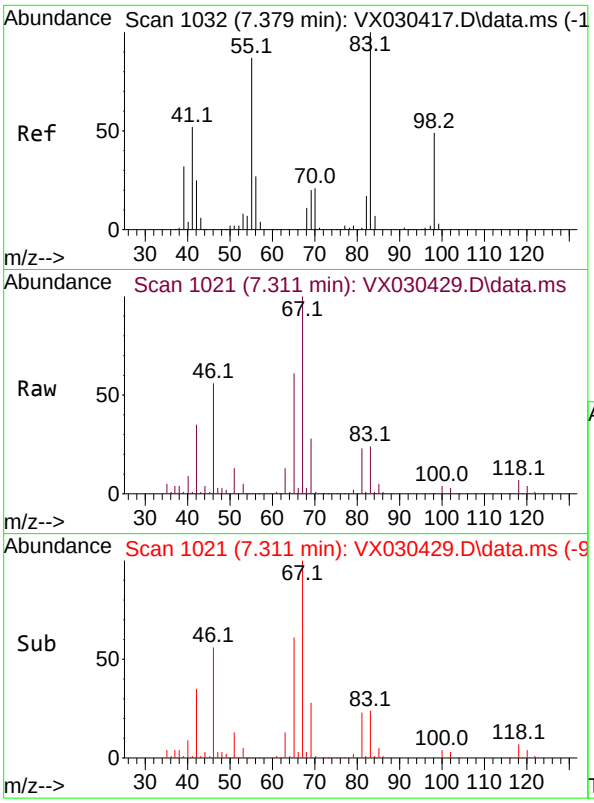


#27
1,2-Dichloroethane
Concen: 0.888 ug/L
RT: 5.982 min Scan# 803
Delta R.T. -0.104 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Tgt Ion: 62 Resp: 2618

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.0	10.6



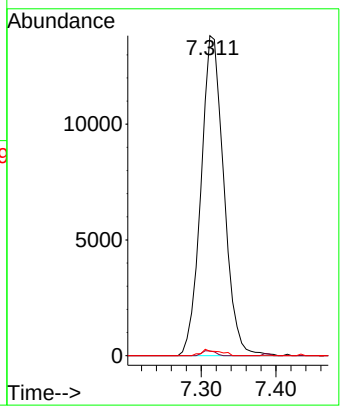


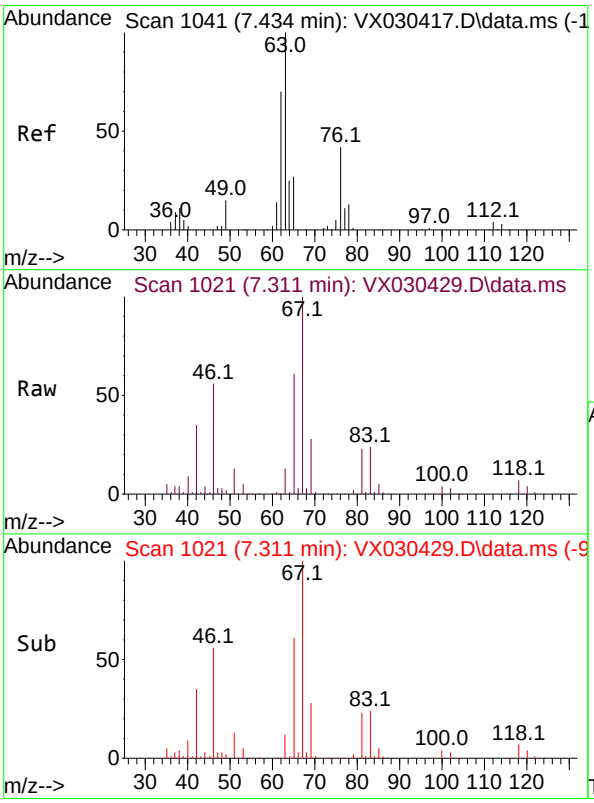
#35
Methylcyclohexane
Concen: 9.132 ug/L
RT: 7.311 min Scan# 1
Delta R.T. -0.067 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 29403

Ion	Ratio	Lower	Upper
83	100		
55	0.9	64.0	96.0#
98	1.6	36.7	55.1#

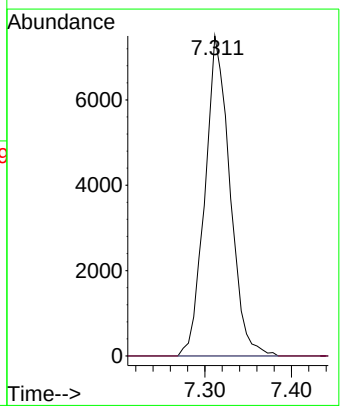


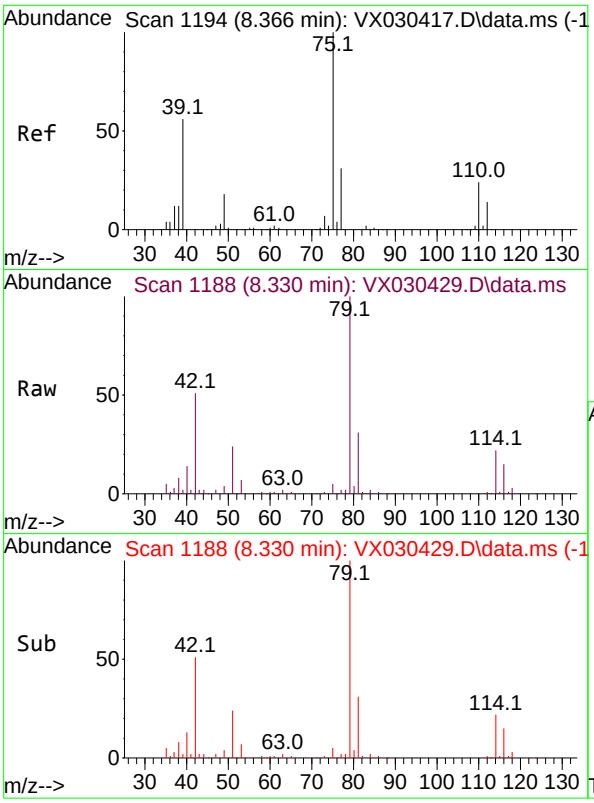


#37
1,2-Dichloropropane
Concen: 7.390 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Tgt Ion: 63 Resp: 15004

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



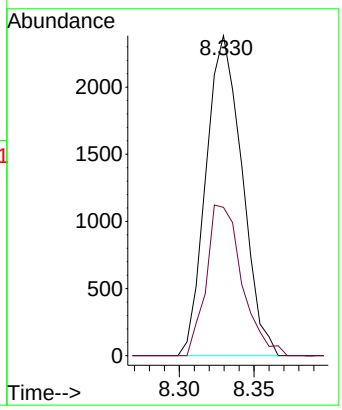


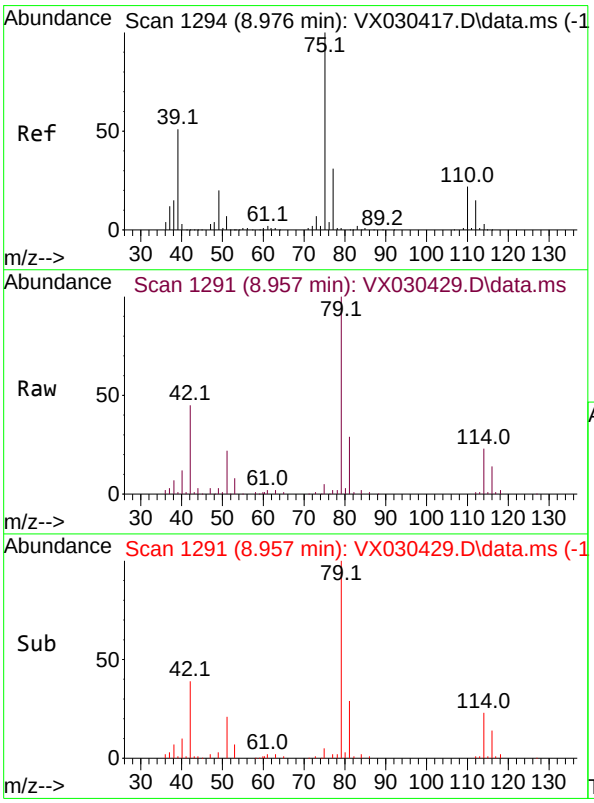
#39
cis-1,3-Dichloropropene
Concen: 1.318 ug/L
RT: 8.330 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 3993

Ion	Ratio	Lower	Upper
75	100		
77	46.4	22.4	41.6#

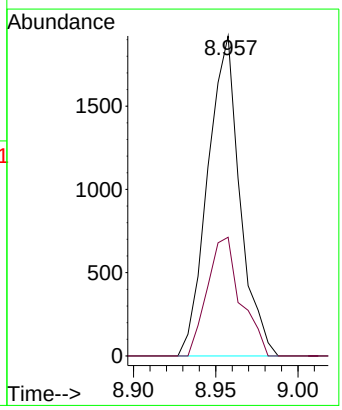


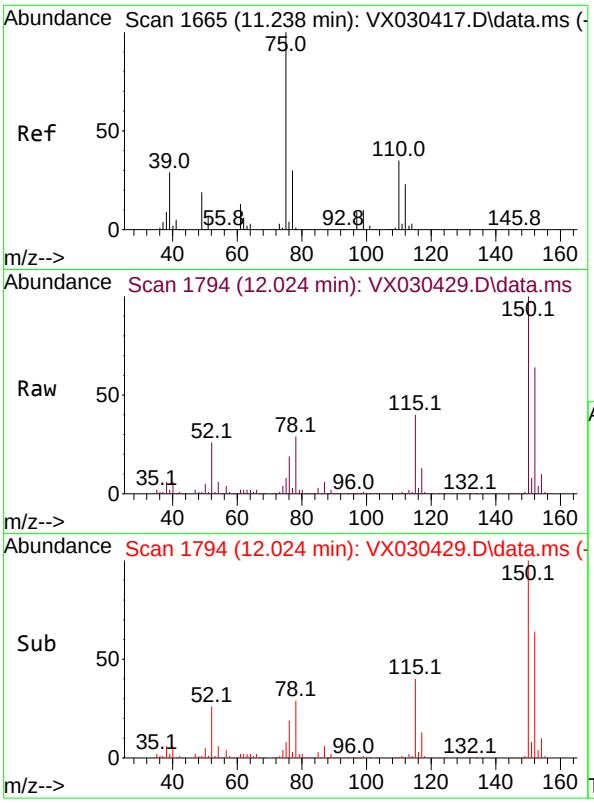


#44
trans-1,3-Dichloropropene
Concen: 0.882 ug/L
RT: 8.957 min Scan# 1291
Delta R.T. -0.019 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Tgt Ion: 75 Resp: 2615

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.5	41.7





#61
1,2,3-Trichloropropane
Concen: 5.972 ug/L
RT: 12.024 min Scan# 1
Delta R.T. 0.786 min
Lab File: VX030429.D
Acq: 05 Aug 2022 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 13218

Ion	Ratio	Lower	Upper
75	100		
77	36.4	26.1	39.1
110	3.5	30.5	45.7#