Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
Data File : VX030599.D
Acq On : 12 Aug 2022 17:08
Operator : JC/MD
Sample : N4131-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5E19

Quant Time: Aug 12 23:31:51 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	257355	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233143	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101816	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68863	41.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.340%			
7) Chloroethane-d5	1.666	69	60072	51.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.120%			
11) 1,1-Dichloroethene-d2	2.306	63	119941	38.366	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.740%			
21) 2-Butanone-d5	4.477	46	198784	129.814	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.810%			
24) Chloroform-d	5.062	84	171810	50.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	5.964	65	136660	59.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.320%			
32) Benzene-d6	5.983	84	339627	50.855	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.720%			
36) 1,2-Dichloropropane-d6	7.318	67	118336	54.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.220%			
41) Toluene-d8	8.653	98	295650	46.966	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.940%			
43) trans-1,3-Dichloroprop...	8.952	79	51629	47.897	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.800%			
47) 2-Hexanone-d5	9.391	63	132650	120.108	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 120.110%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	166803	58.602	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.200%			
66) 1,2-Dichlorobenzene-d4	12.323	152	108981	55.185	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.380%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	74073	41.646	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	4073	2.441	ug/L	90
20) cis-1,2-Dichloroethene	4.495	96	40268	21.451	ug/L	100
35) Methylcyclohexane	7.312	83	26801	8.504	ug/L #	18
39) cis-1,3-Dichloropropene	8.330	75	3733	1.259	ug/L	84
44) trans-1,3-Dichloropropene	8.952	75	2589	0.892	ug/L	97
61) 1,2,3-Trichloropropane	12.024	75	14576	6.666	ug/L #	68

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

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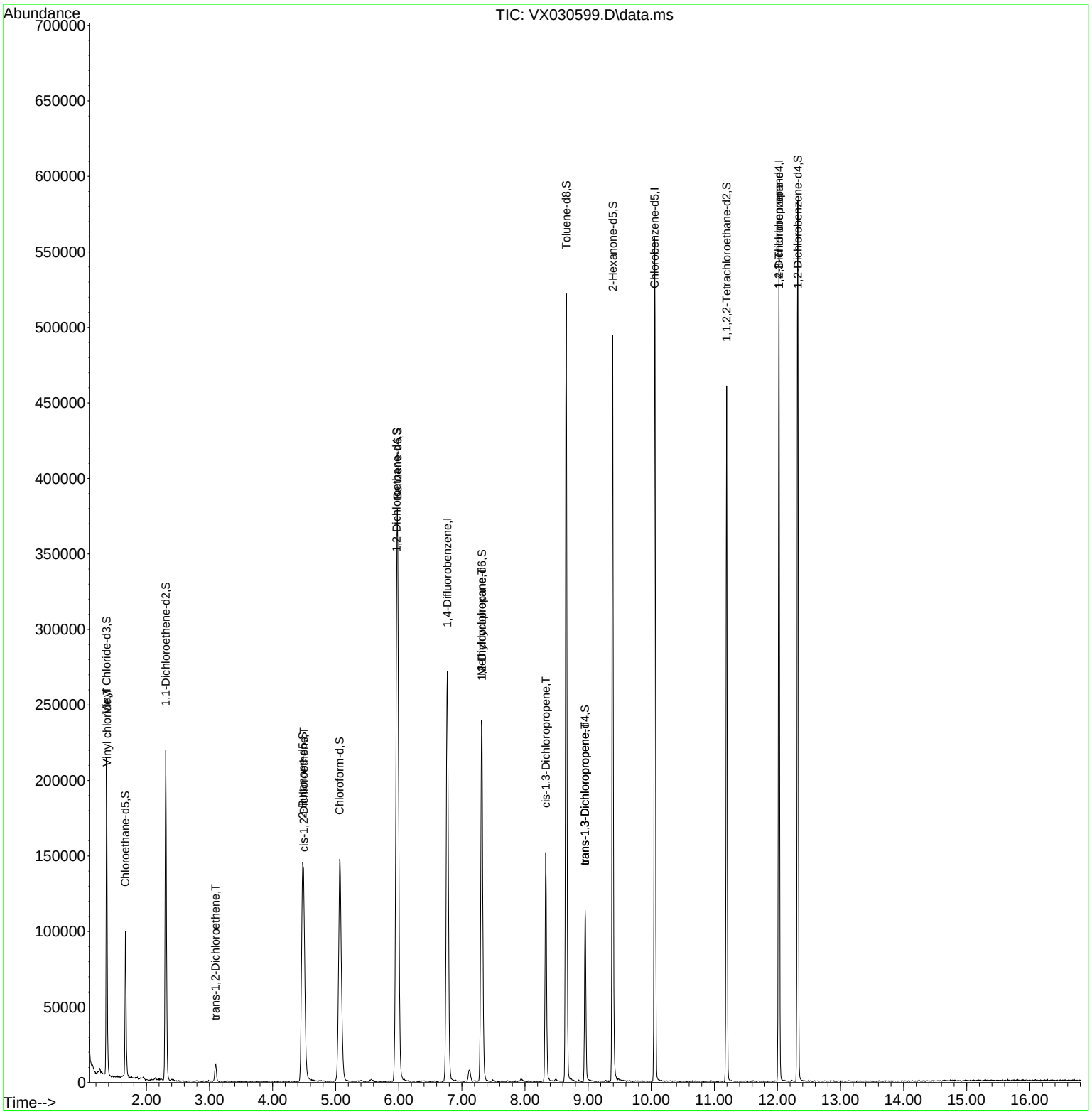
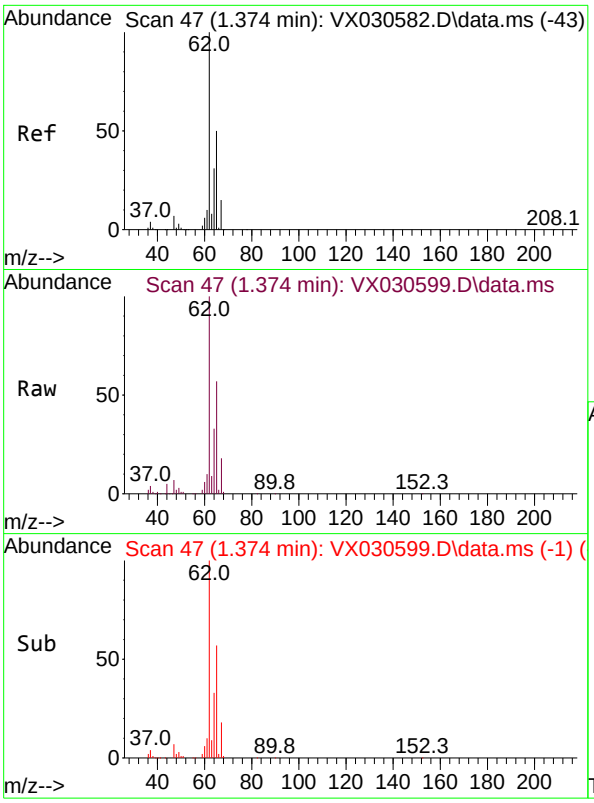


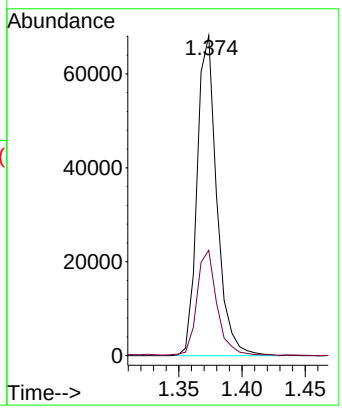


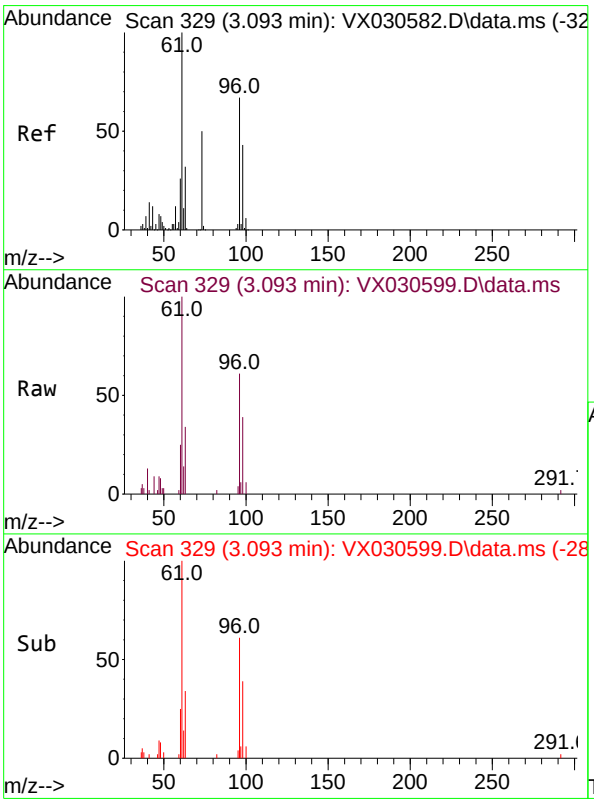
#5
Vinyl chloride
Concen: 41.646 ug/L
RT: 1.374 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX030599.D
Acq: 12 Aug 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
F5E19

Tgt Ion: 62 Resp: 74073

Ion	Ratio	Lower	Upper
62	100		
64	32.9	23.8	44.2

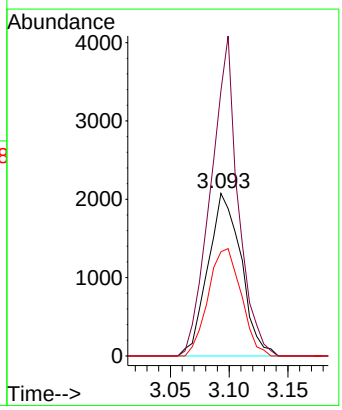


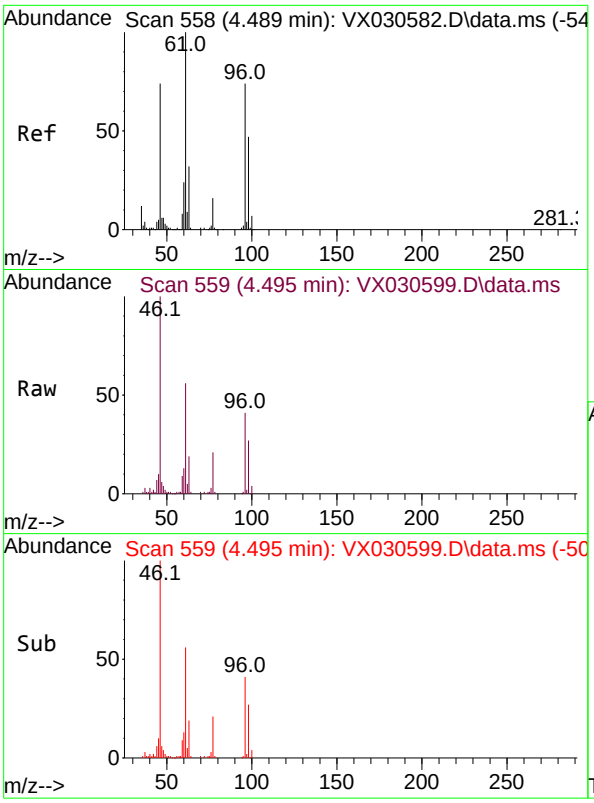


#17
trans-1,2-Dichloroethene
Concen: 2.441 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX030599.D
Acq: 12 Aug 2022 17:08

Tgt Ion: 96 Resp: 4073

Ion	Ratio	Lower	Upper
96	100		
61	163.1	103.7	192.5
98	64.1	41.5	77.1



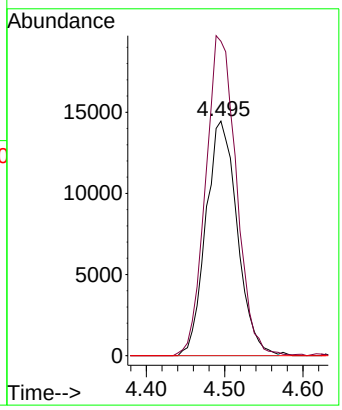


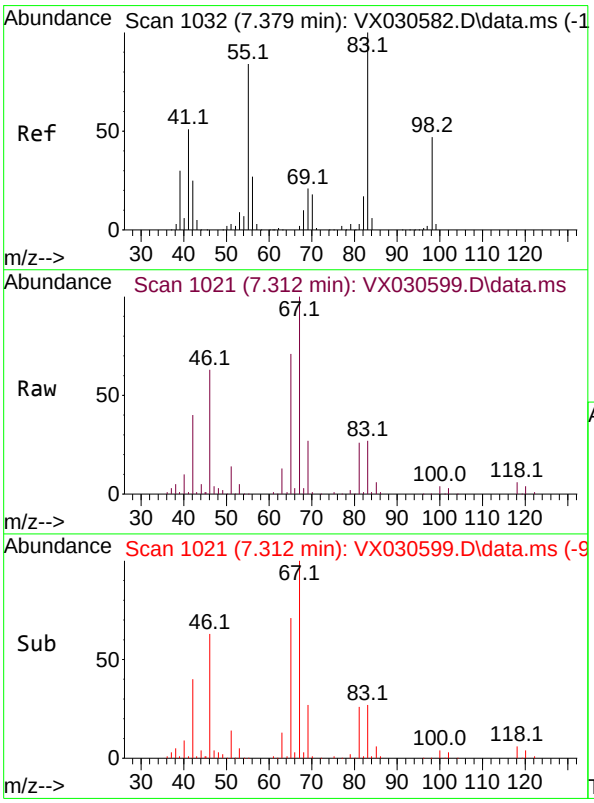
#20
cis-1,2-Dichloroethene
Concen: 21.451 ug/L
RT: 4.495 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX030599.D
Acq: 12 Aug 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
F5E19

Tgt Ion: 96 Resp: 40268

Ion	Ratio	Lower	Upper
96	100		
61	134.1	94.0	174.6
68	0.0	0.0	0.0

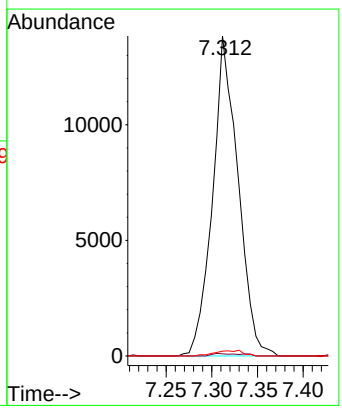


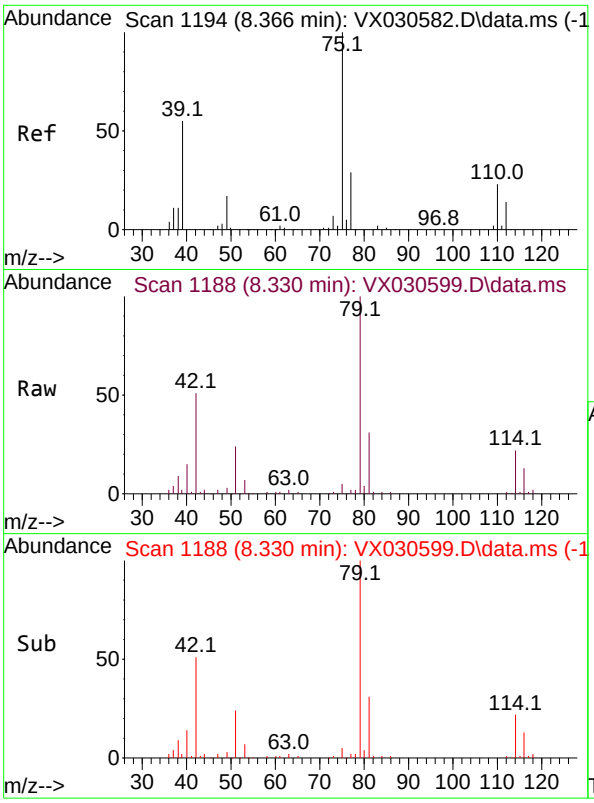


#35
Methylcyclohexane
Concen: 8.504 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX030599.D
Acq: 12 Aug 2022 17:08

Tgt Ion: 83 Resp: 26801

Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.0	96.0#
98	1.4	36.7	55.1#



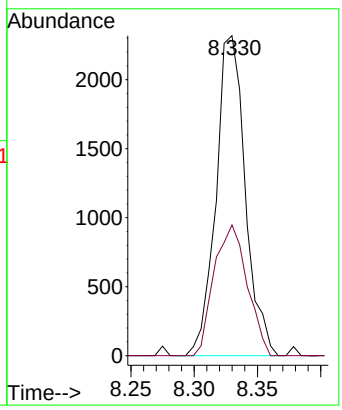


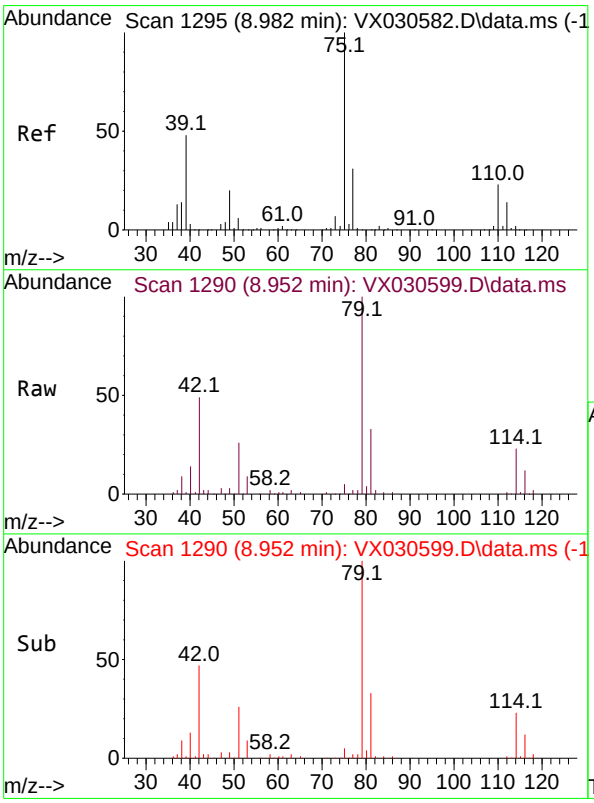
#39
cis-1,3-Dichloropropene
Concen: 1.259 ug/L
RT: 8.330 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX030599.D
Acq: 12 Aug 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
F5E19

Tgt Ion: 75 Resp: 3733

Ion	Ratio	Lower	Upper
75	100		
77	40.8	22.4	41.6

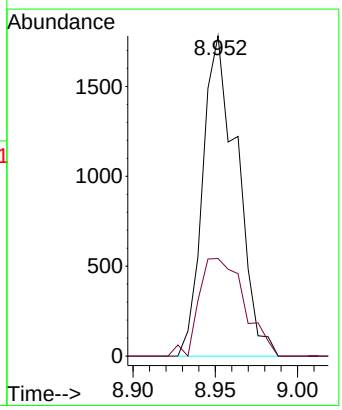


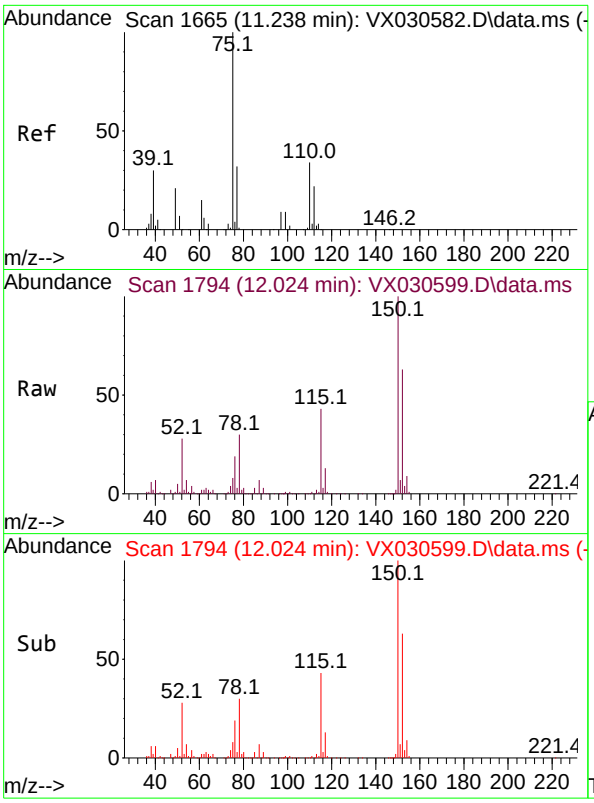


#44
trans-1,3-Dichloropropene
Concen: 0.892 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX030599.D
Acq: 12 Aug 2022 17:08

Tgt Ion: 75 Resp: 2589

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.5	41.7





#61
1,2,3-Trichloropropane
Concen: 6.666 ug/L
RT: 12.024 min Scan# 1
Delta R.T. 0.787 min
Lab File: VX030599.D
Acq: 12 Aug 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
F5E19

Tgt Ion: 75 Resp: 14576

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.1	39.1
110	3.5	30.5	45.7#