Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
Data File : VX030530.D
Acq On : 09 Aug 2022 16:23
Operator : JC/MD
Sample : N4114-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5D44

Quant Time: Aug 10 02:37:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 10 01:21:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	291285	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	258662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120256	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	63416	33.902	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.800%			
7) Chloroethane-d5	1.666	69	51166	38.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.600%			
11) 1,1-Dichloroethene-d2	2.306	63	110144	31.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.260%			
21) 2-Butanone-d5	4.483	46	170226	98.215	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.220%			
24) Chloroform-d	5.068	84	152875	39.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.400%			
26) 1,2-Dichloroethane-d4	5.964	65	111600	42.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.360%			
32) Benzene-d6	5.982	84	298257	40.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.500%			
36) 1,2-Dichloropropane-d6	7.318	67	99203	41.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.540%			
41) Toluene-d8	8.653	98	260566	37.309	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.620%#			
43) trans-1,3-Dichloroprop...	8.958	79	45240	37.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.660%			
47) 2-Hexanone-d5	9.390	63	111018	90.604	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.600%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	137541	43.554	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.100%			
66) 1,2-Dichlorobenzene-d4	12.323	152	103053	44.181	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.360%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	567228	281.764	ug/L	96
8) Chloroethane	1.691	64	30462	26.565	ug/L	94
12) 1,1-Dichloroethene	2.319	96	28060	17.211	ug/L #	69
17) trans-1,2-Dichloroethene	3.093	96	18620	9.858	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	1501318	706.593	ug/L	95
34) Trichloroethene	7.135	95	1481057	616.607	ug/L	92
46) Tetrachloroethene	9.281	164	154127	101.533	ug/L	98

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

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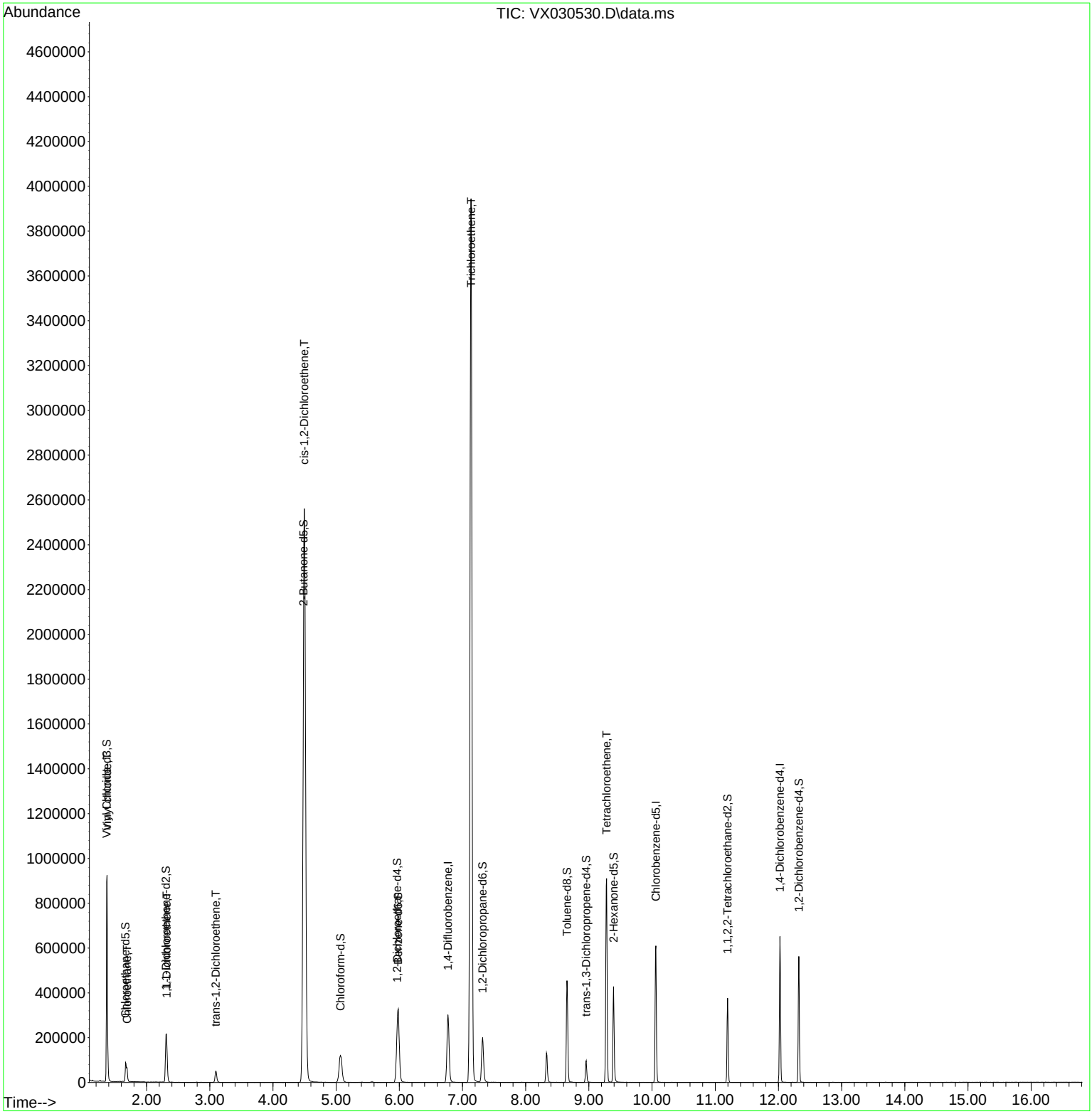
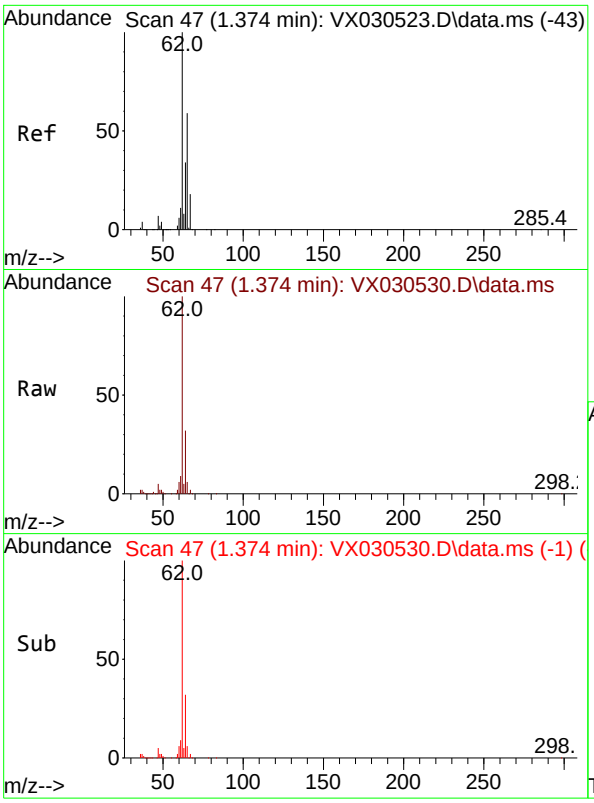


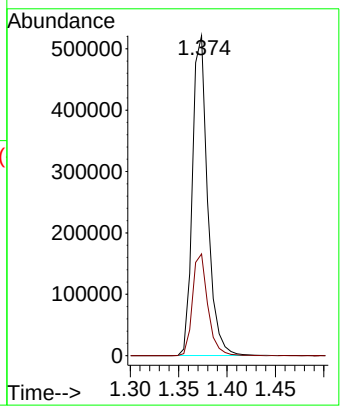


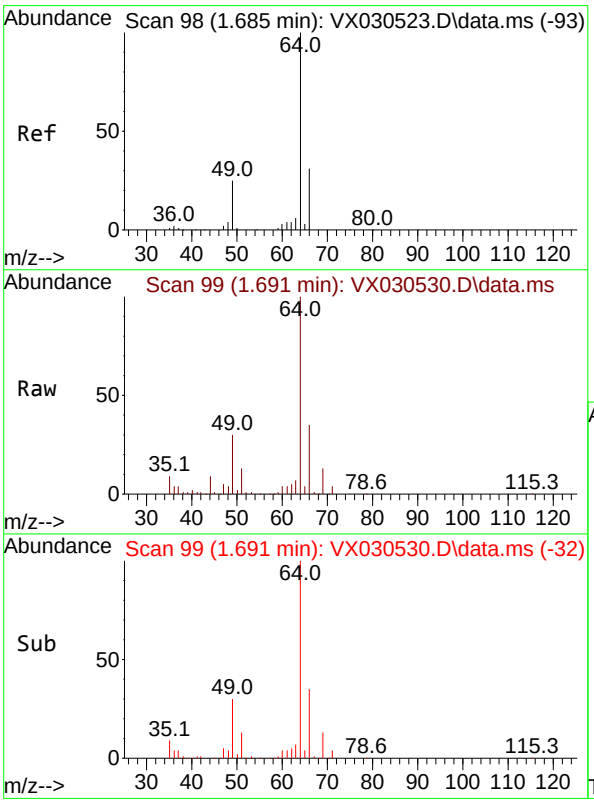
#5
Vinyl chloride
Concen: 281.764 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
F5D44

Tgt Ion: 62 Resp: 567228

Ion	Ratio	Lower	Upper
62	100		
64	31.8	23.8	44.2

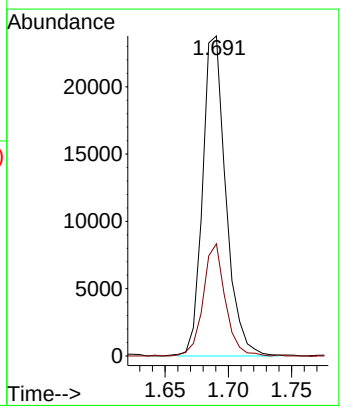


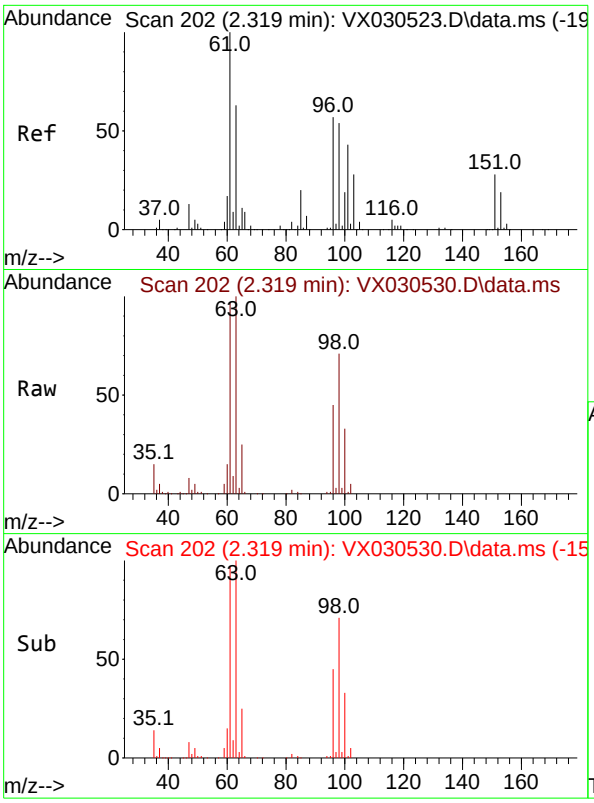


#8
Chloroethane
Concen: 26.565 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

Tgt Ion: 64 Resp: 30462

Ion	Ratio	Lower	Upper
64	100		
66	35.0	22.1	41.1



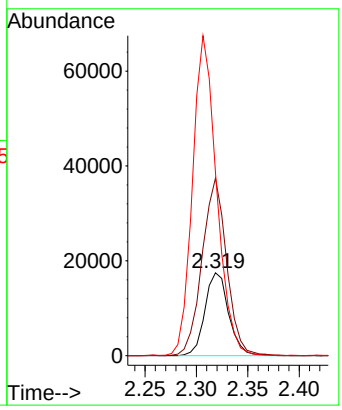


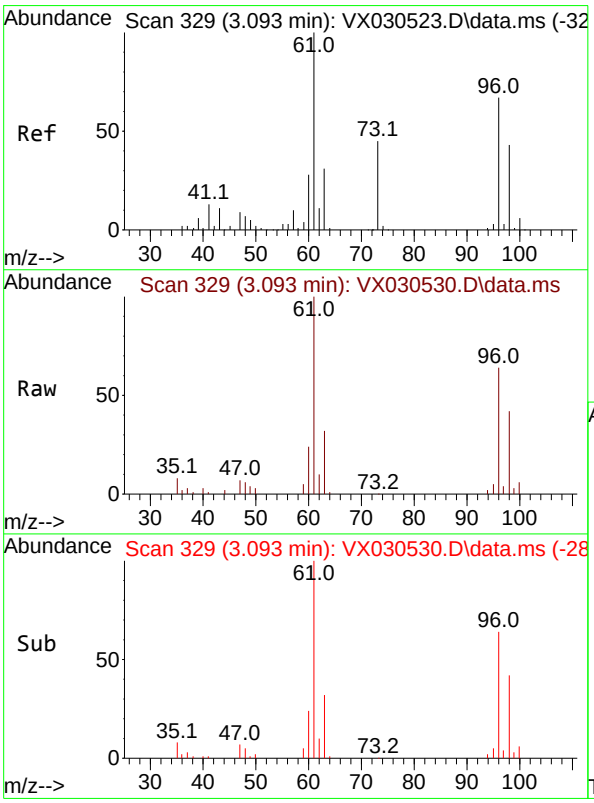
#12
1,1-Dichloroethene
Concen: 17.211 ug/L
RT: 2.319 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
F5D44

Tgt Ion: 96 Resp: 28060

Ion	Ratio	Lower	Upper
96	100		
61	214.2	130.2	241.8
63	220.9	113.5	210.9#

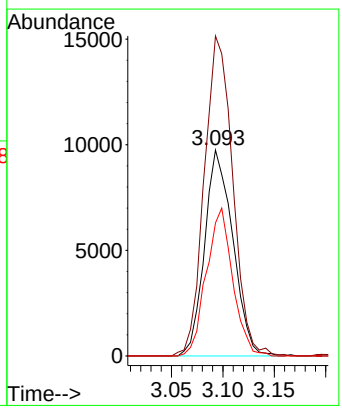


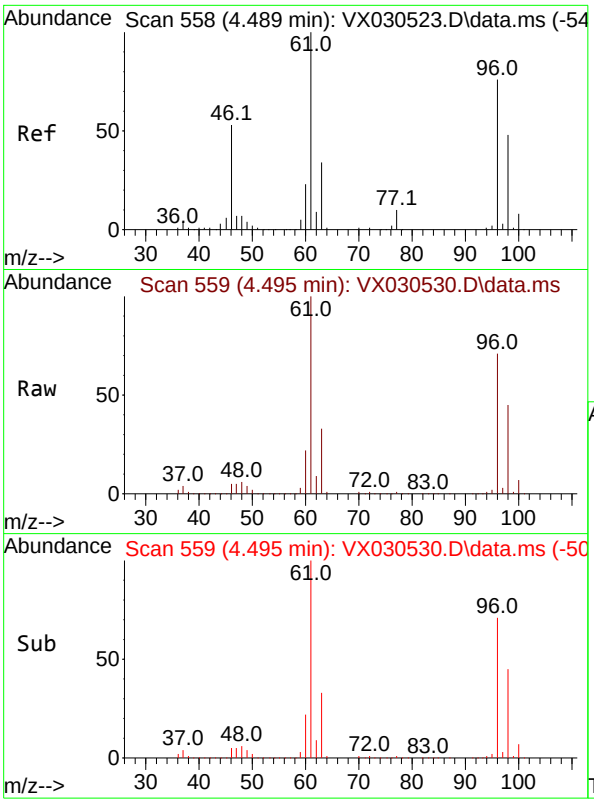


#17
trans-1,2-Dichloroethene
Concen: 9.858 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

Tgt Ion: 96 Resp: 18620

Ion	Ratio	Lower	Upper
96	100		
61	155.3	103.7	192.5
98	64.5	41.5	77.1



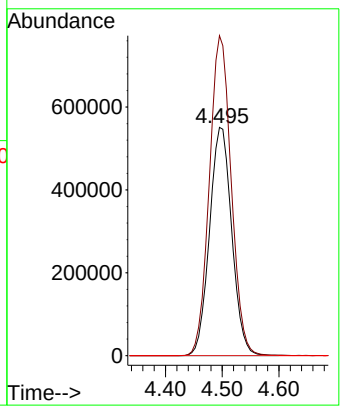


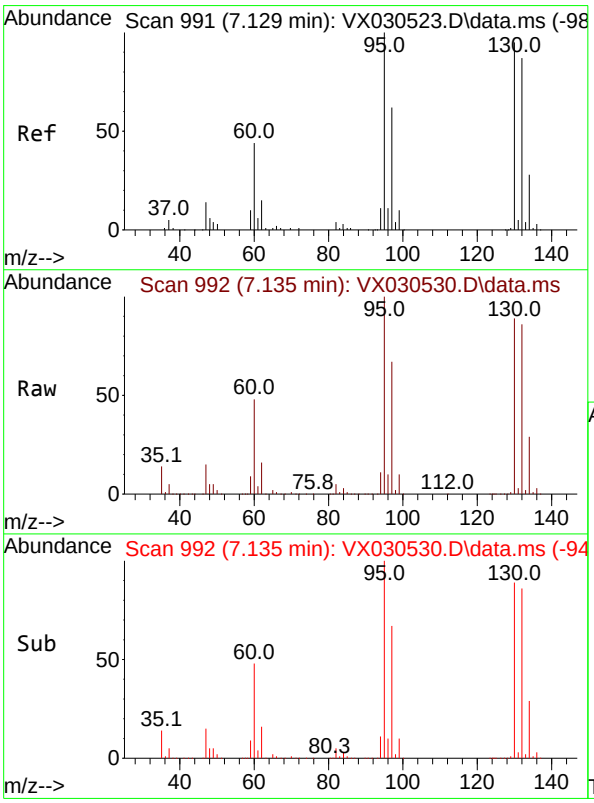
#20
cis-1,2-Dichloroethene
Concen: 706.593 ug/L
RT: 4.495 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
F5D44

Tgt Ion: 96 Resp: 1501318

Ion	Ratio	Lower	Upper
96	100		
61	140.2	94.0	174.6
68	0.0	0.0	0.0

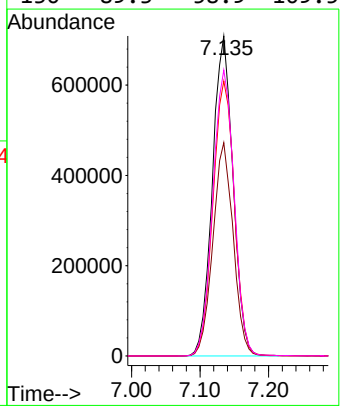


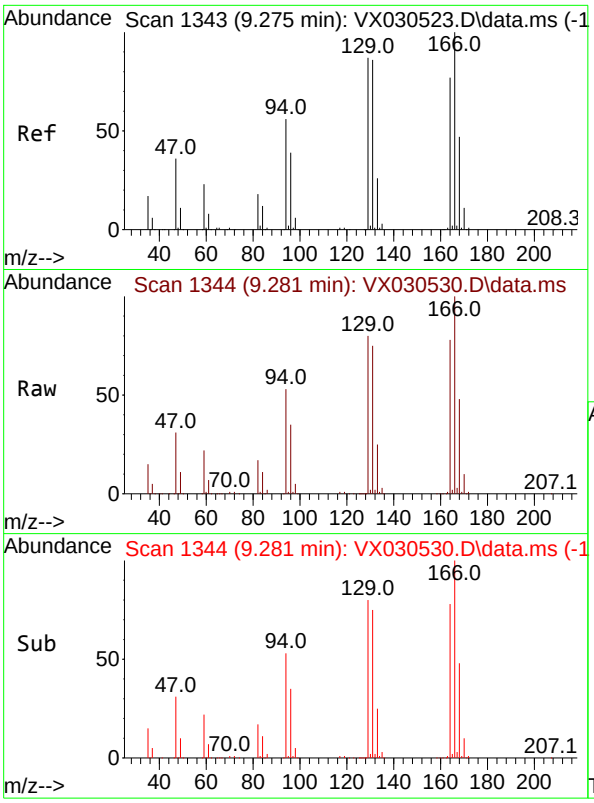


#34
Trichloroethene
Concen: 616.607 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

Tgt Ion: 95 Resp: 1481057

Ion	Ratio	Lower	Upper
95	100		
97	66.7	40.2	74.6
132	85.9	55.3	102.7
130	89.3	58.9	109.5





#46
Tetrachloroethene
Concen: 101.533 ug/L
RT: 9.281 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
F5D44

Tgt Ion:164 Resp: 154127

Ion	Ratio	Lower	Upper
164	100		
129	102.1	72.7	135.1
131	95.8	69.9	129.9
166	128.2	88.3	164.1