Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
Data File : VX030408.D
Acq On : 04 Aug 2022 21:44
Operator : JC/MD
Sample : N4003-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5D91

Quant Time: Aug 05 05:29:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 05 05:25:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	273343	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	230907	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112818	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	109627	62.453	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.900%			
7) Chloroethane-d5	1.666	69	77097	62.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 124.600%			
11) 1,1-Dichloroethene-d2	2.306	63	184574	55.587	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.180%			
21) 2-Butanone-d5	4.471	46	202138	124.283	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.280%			
24) Chloroform-d	5.062	84	199959	55.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.680%			
26) 1,2-Dichloroethane-d4	5.964	65	140150	57.121	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.240%			
32) Benzene-d6	5.983	84	405399	61.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.580%			
36) 1,2-Dichloropropane-d6	7.312	67	135865	63.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 126.620%#			
41) Toluene-d8	8.653	98	359983	57.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.480%			
43) trans-1,3-Dichloroprop...	8.952	79	56937	53.333	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.660%			
47) 2-Hexanone-d5	9.384	63	133129	121.709	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.710%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	169997	60.302	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 120.600%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	133758	61.126	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.260%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1660911	879.194	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1660	1.000	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	53398	34.902	ug/L	82
17) trans-1,2-Dichloroethene	3.093	96	138757	78.285	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	3204305	1607.092	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	4176	1.422	ug/L	83
44) trans-1,3-Dichloropropene	8.958	75	2684	0.934	ug/L	99
61) 1,2,3-Trichloropropane	12.024	75	14852	6.130	ug/L #	66

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

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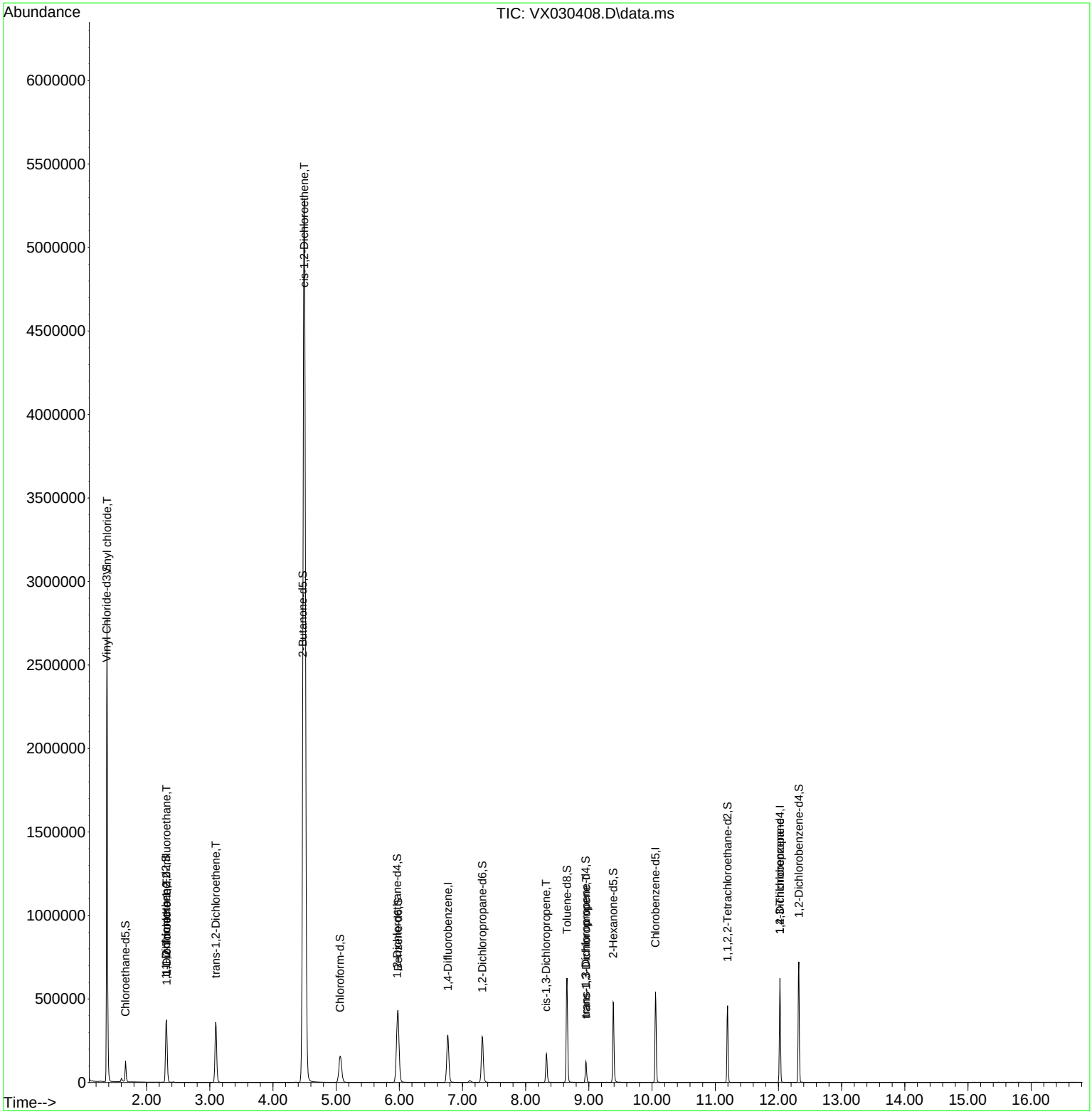
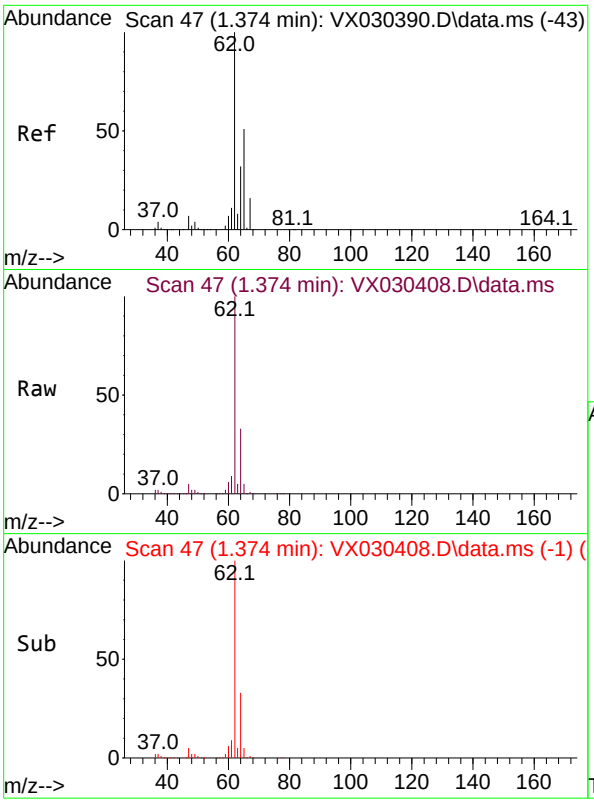


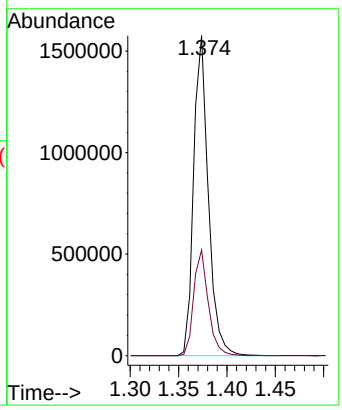


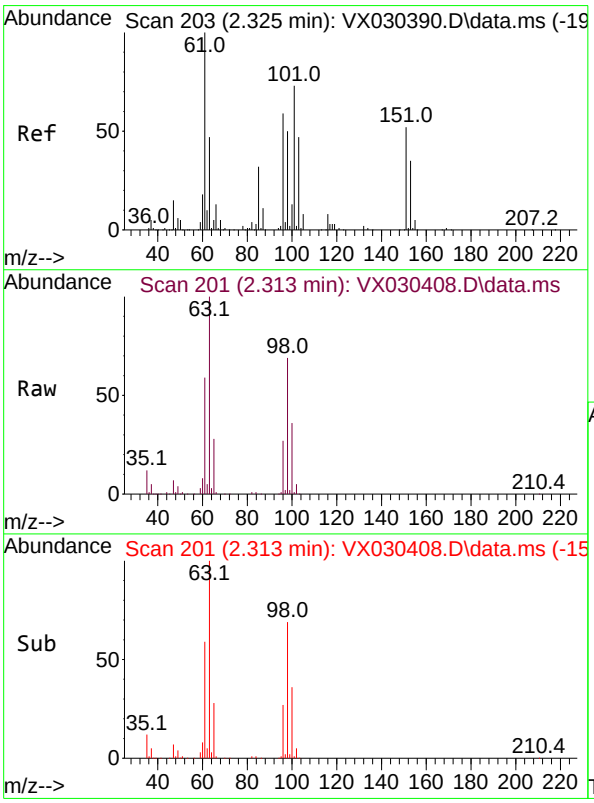
#5
Vinyl chloride
Concen: 879.194 ug/L
RT: 1.374 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX030408.D
Acq: 04 Aug 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
F5D91

Tgt Ion: 62 Resp: 1660911

Ion	Ratio	Lower	Upper
62	100		
64	33.0	23.8	44.2

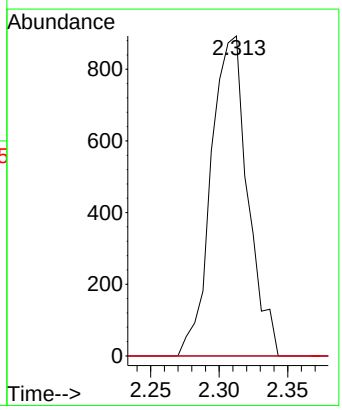


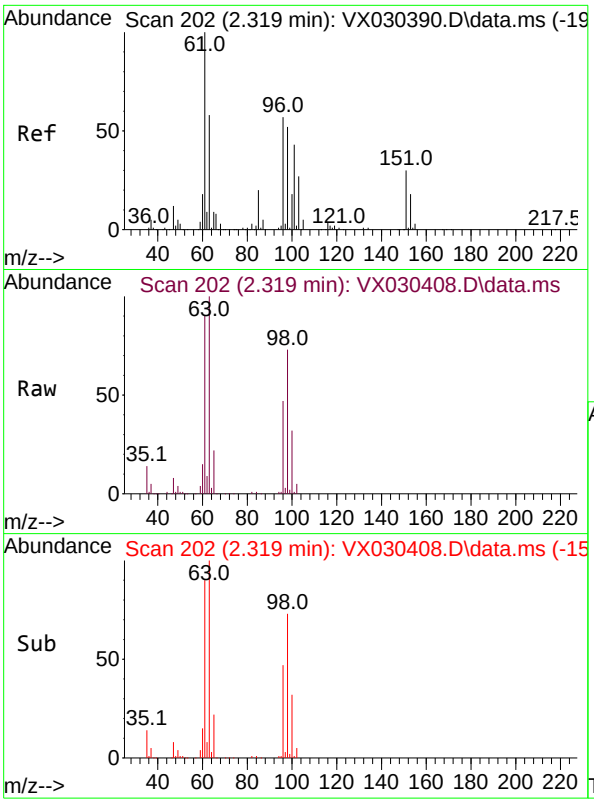


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.000 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX030408.D
Acq: 04 Aug 2022 21:44

Tgt Ion:101 Resp: 1660

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.3	52.9#
151	0.0	58.3	87.5#



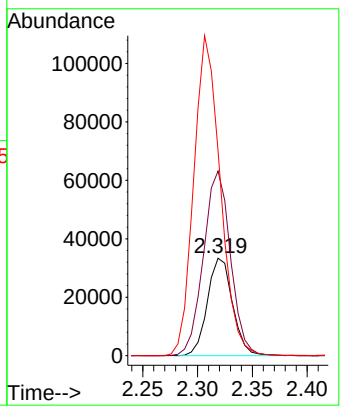


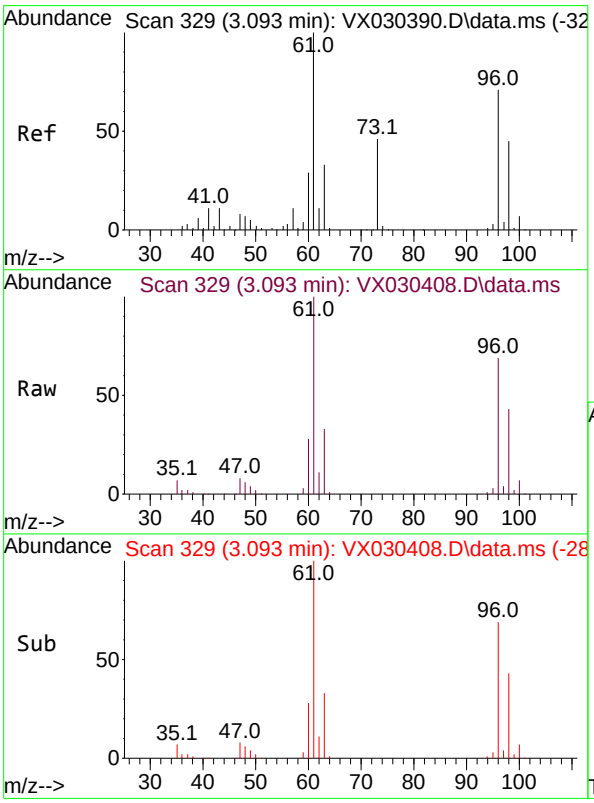
#12
1,1-Dichloroethene
Concen: 34.902 ug/L
RT: 2.319 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX030408.D
Acq: 04 Aug 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
F5D91

Tgt Ion: 96 Resp: 53398

Ion	Ratio	Lower	Upper
96	100		
61	189.5	130.2	241.8
63	210.7	113.5	210.9

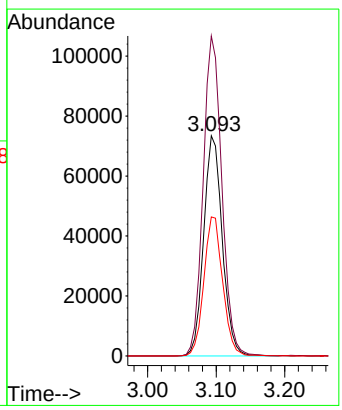


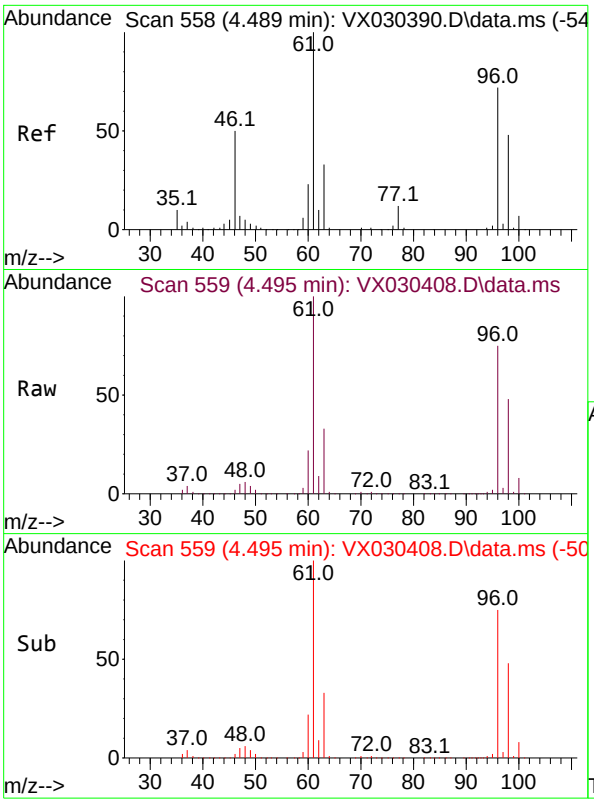


#17
trans-1,2-Dichloroethene
Concen: 78.285 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX030408.D
Acq: 04 Aug 2022 21:44

Tgt Ion: 96 Resp: 138757

Ion	Ratio	Lower	Upper
96	100		
61	145.3	103.7	192.5
98	63.1	41.5	77.1



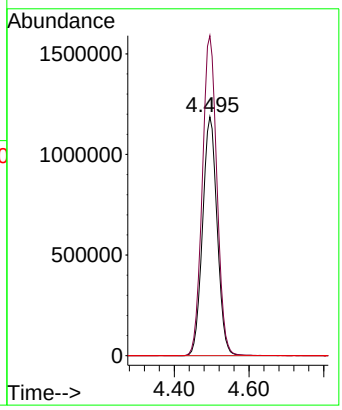


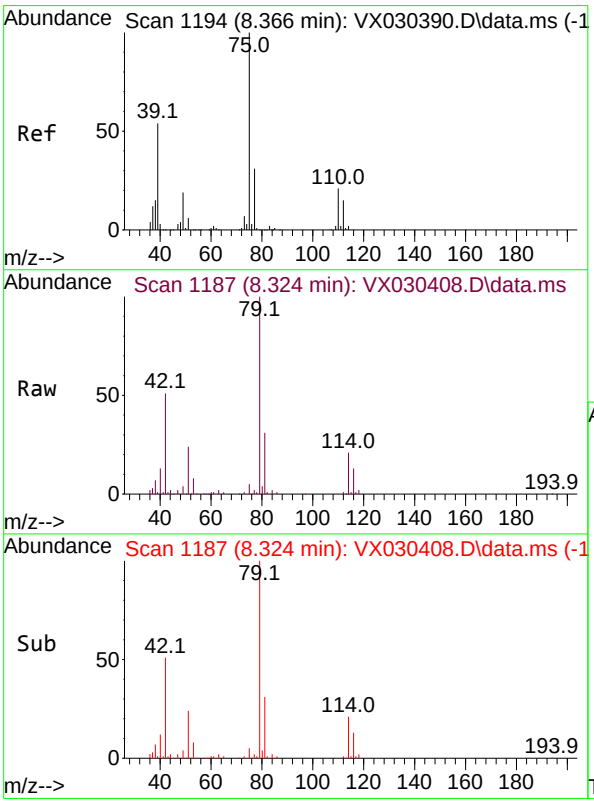
#20
cis-1,2-Dichloroethene
Concen: 1607.092 ug/L
RT: 4.495 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX030408.D
Acq: 04 Aug 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
F5D91

Tgt Ion: 96 Resp: 3204305

Ion	Ratio	Lower	Upper
96	100		
61	134.0	94.0	174.6
68	0.0	0.0	0.0

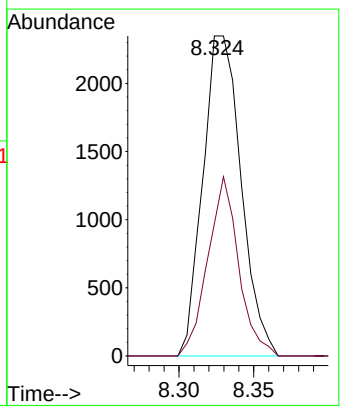


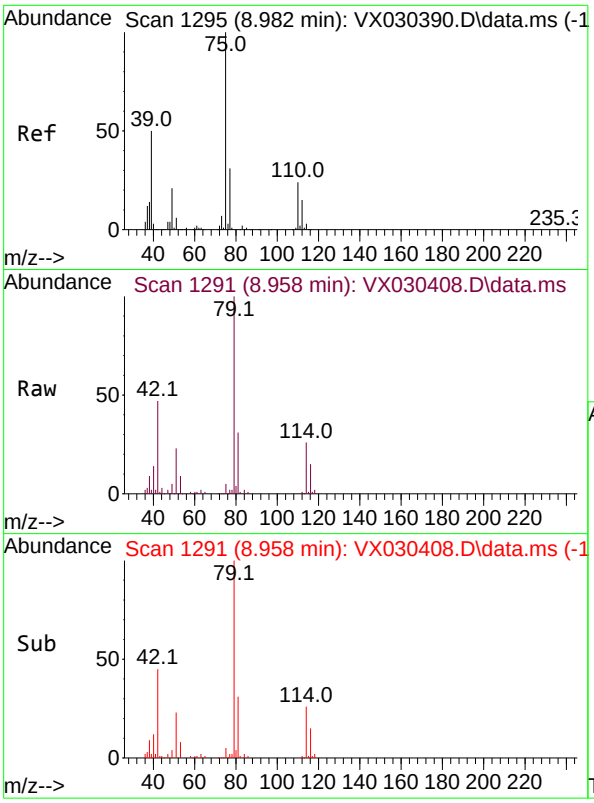


#39
cis-1,3-Dichloropropene
Concen: 1.422 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX030408.D
Acq: 04 Aug 2022 21:44

Tgt Ion: 75 Resp: 4176

Ion	Ratio	Lower	Upper
75	100		
77	41.3	22.4	41.6



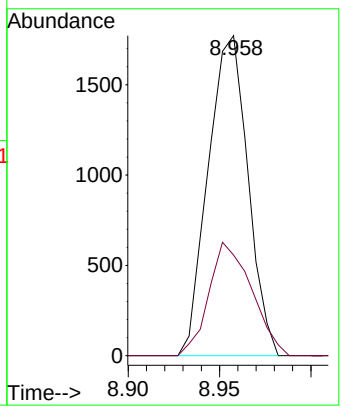


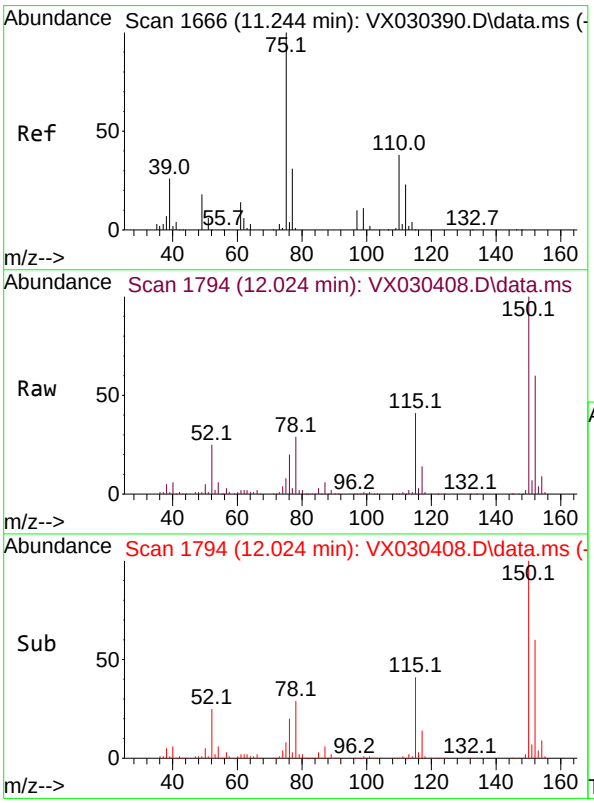
#44
trans-1,3-Dichloropropene
Concen: 0.934 ug/L
RT: 8.958 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX030408.D
Acq: 04 Aug 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
F5D91

Tgt Ion: 75 Resp: 2684

Ion	Ratio	Lower	Upper
75	100		
77	31.4	22.5	41.7





#61
1,2,3-Trichloropropane
Concen: 6.130 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX030408.D
Acq: 04 Aug 2022 21:44

Tgt Ion: 75 Resp: 14852

Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.1	39.1
110	2.6	30.5	45.7#