Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110524\
Data File : VX043708.D
Acq On : 05 Nov 2024 11:59
Operator : JC/MD
Sample : P4670-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 06 02:02:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 06 01:38:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	232967	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	219760	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100687	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73056	58.864	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 117.720%			
7) Chloroethane-d5	1.642	69	33048	61.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.900%			
11) 1,1-Dichloroethene-d2	2.294	65	29604	51.671	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.340%			
21) 2-Butanone-d5	4.465	46	101111	124.427	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.430%			
24) Chloroform-d	5.056	84	141854	53.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.040%			
26) 1,2-Dichloroethane-d4	5.952	65	93977	55.291	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.580%			
32) Benzene-d6	5.964	84	302021	53.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.320%			
36) 1,2-Dichloropropane-d6	7.306	67	92943	53.769	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.540%			
41) Toluene-d8	8.647	98	273874	53.063	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.120%			
43) trans-1,3-Dichloroprop...	8.952	79	40974	49.566	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.140%			
47) 2-Hexanone-d5	9.385	63	80375	117.492	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.490%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129323	58.310	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 116.620%			
66) 1,2-Dichlorobenzene-d4	12.317	152	107513	61.629	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.260%#			
Target Compounds						Qvalue
13) Acetone	2.386	43	11630	15.388	ug/L	96
35) Methylcyclohexane	7.306	83	23158	9.204	ug/L #	20
51) Chlorobenzene	10.080	112	57484	13.350	ug/L	98
61) 1,2,3-Trichloropropane	11.969	75	5145	2.633	ug/L #	47
64) 1,3-Dichlorobenzene	11.969	146	17879	5.822	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	22032	7.123	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	593586	189.146	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	99981	48.814	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	99981	53.238	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	59589	30.702	ug/L	99

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 06 02:02:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 06 01:38:34 2024
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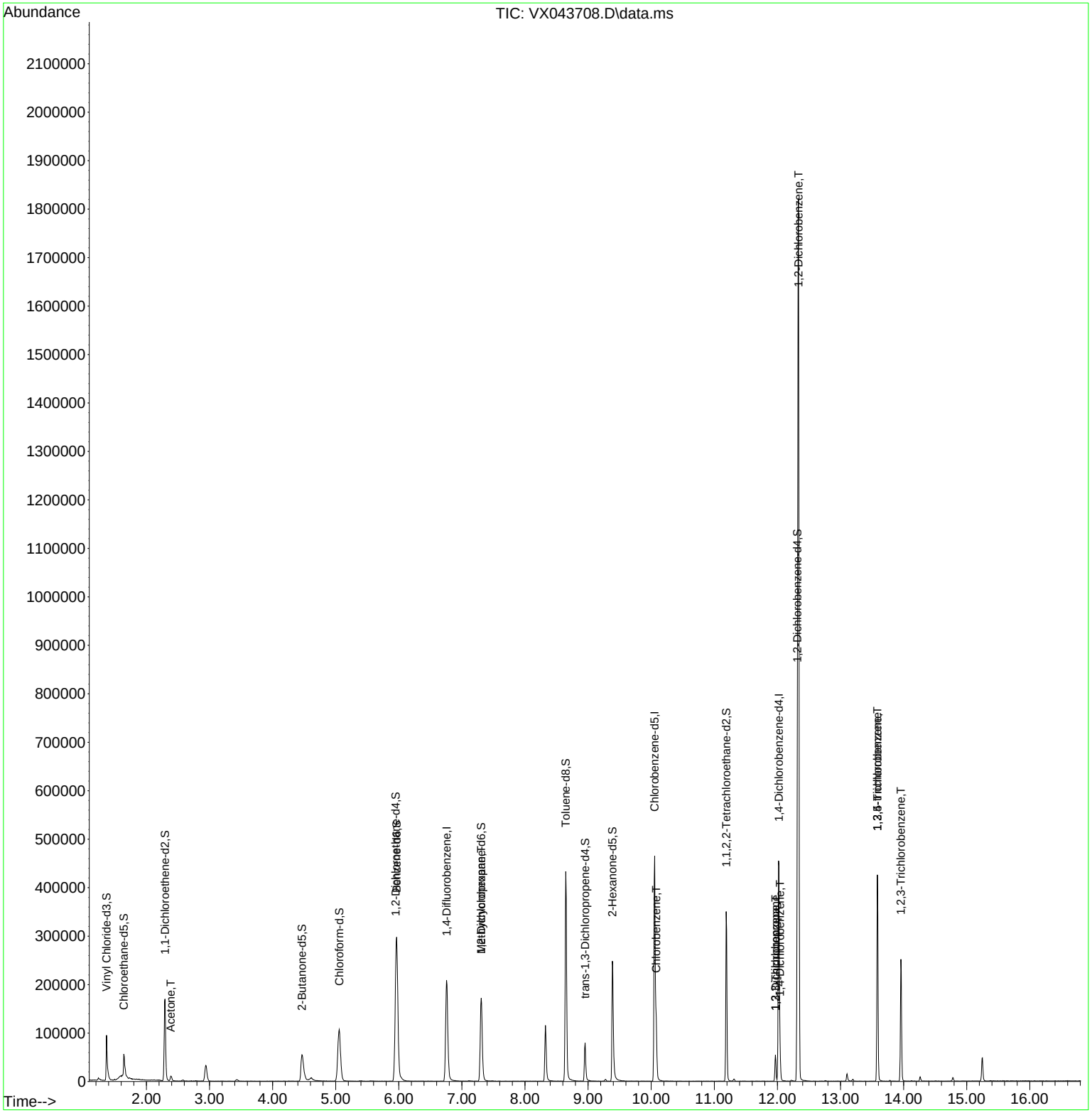
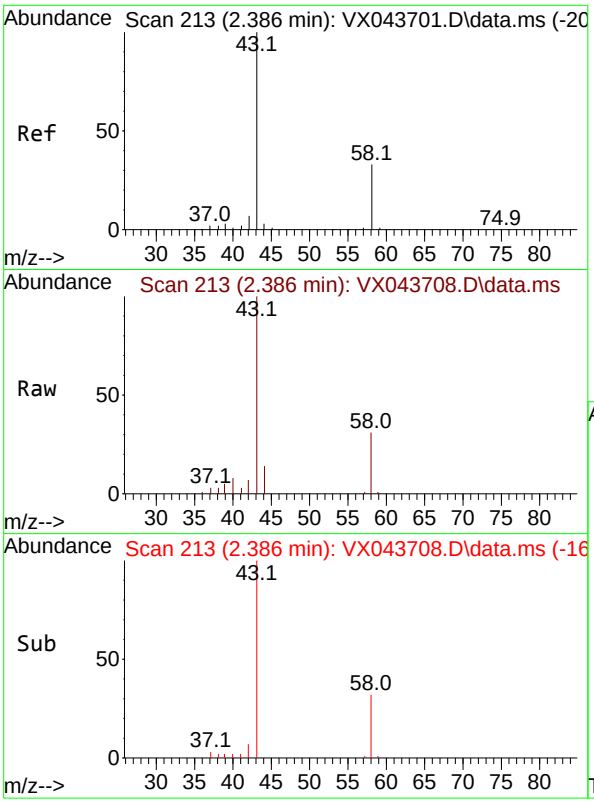


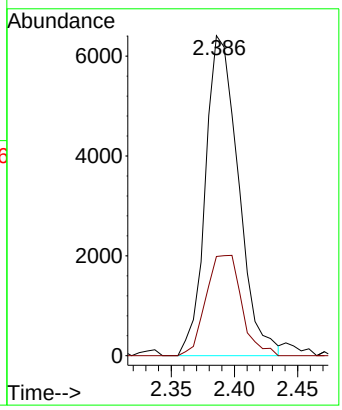


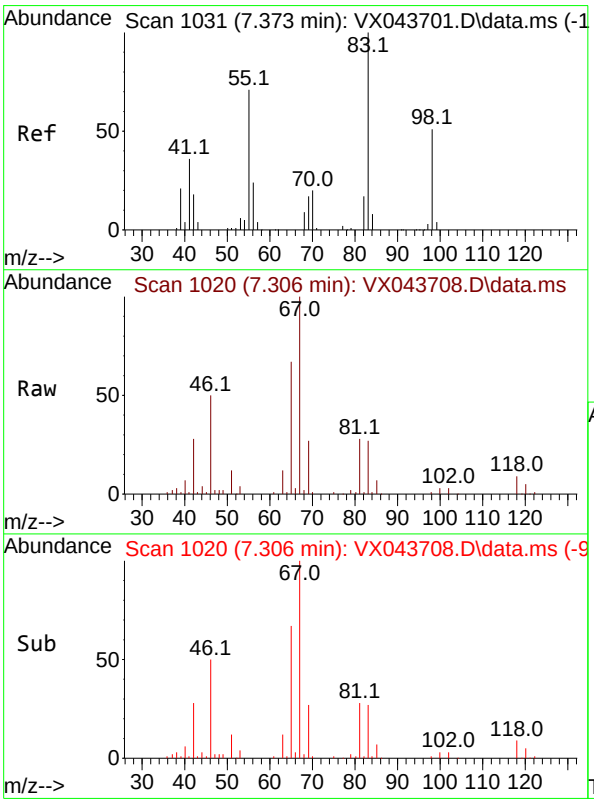
#13
Acetone
Concen: 15.388 ug/L
RT: 2.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 11630

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	63.6

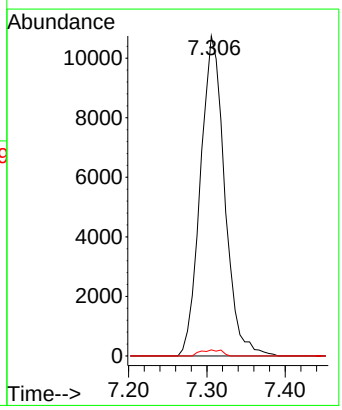


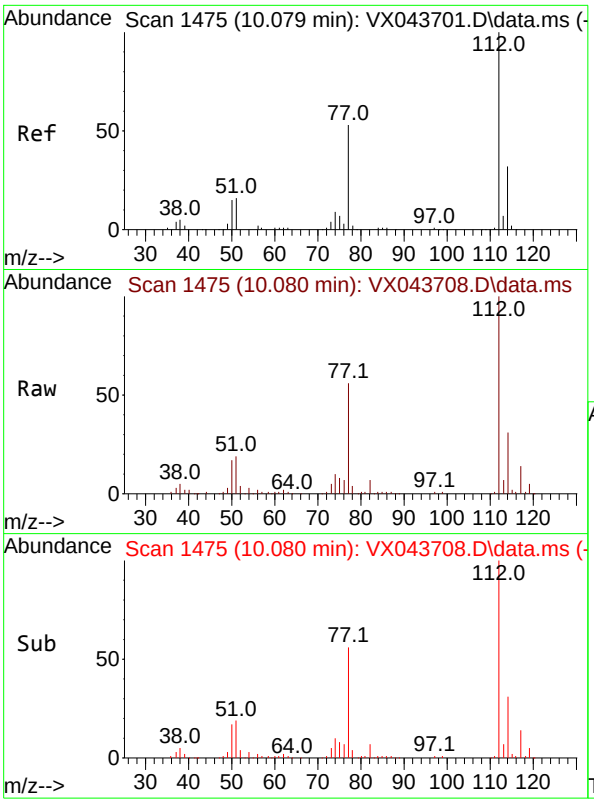


#35
Methylcyclohexane
Concen: 9.204 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.067 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Tgt Ion: 83 Resp: 23158

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.6	88.0#
98	1.7	39.0	58.4#



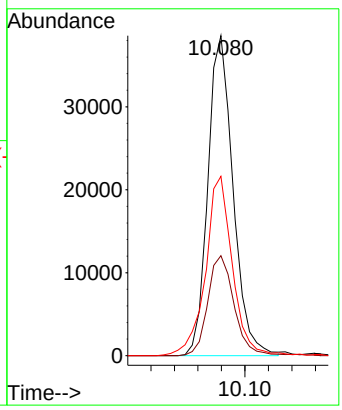


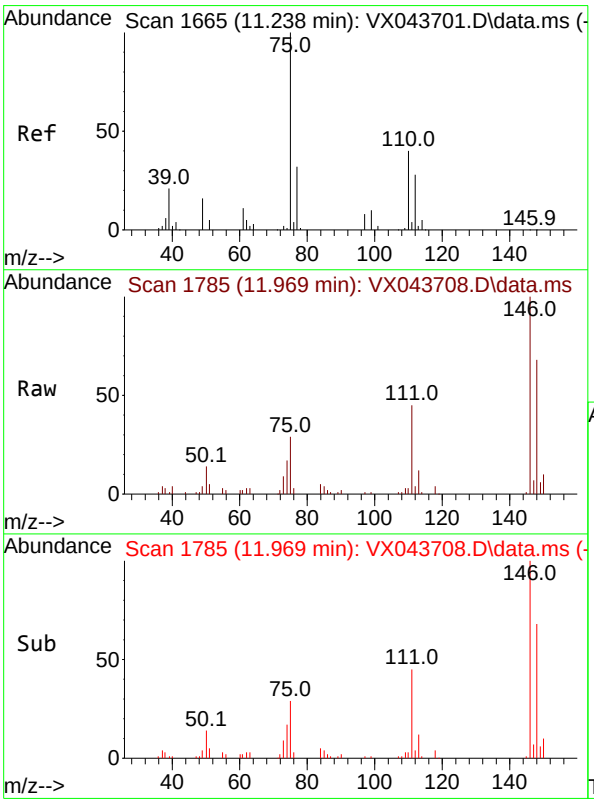
#51
Chlorobenzene
Concen: 13.350 ug/L
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 57484

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.6	42.0
77	56.1	45.9	68.9

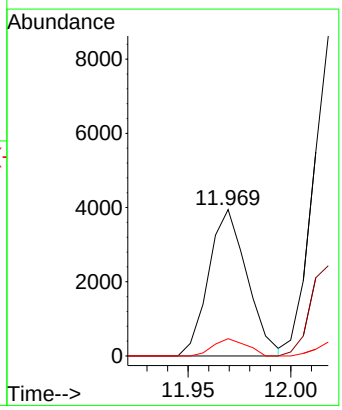


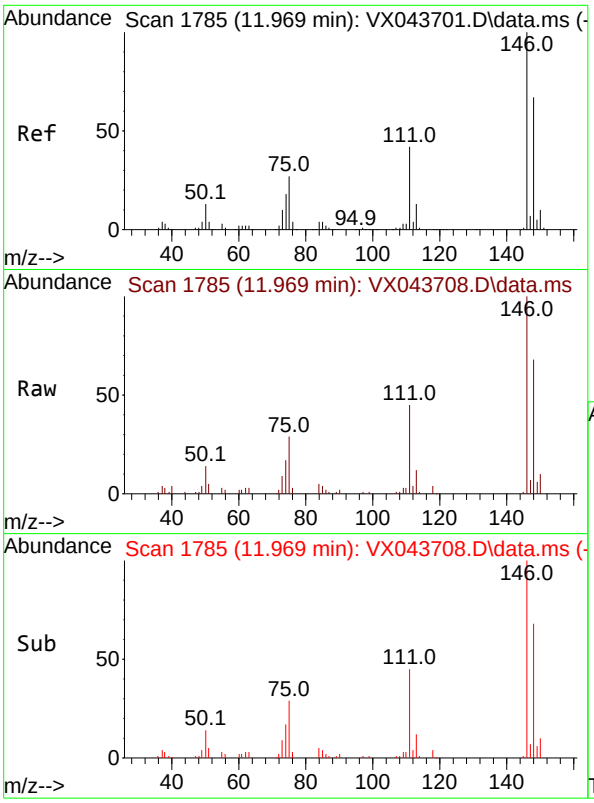


#61
1,2,3-Trichloropropane
Concen: 2.633 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.732 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Tgt Ion: 75 Resp: 5145

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
110	10.1	33.6	50.4#



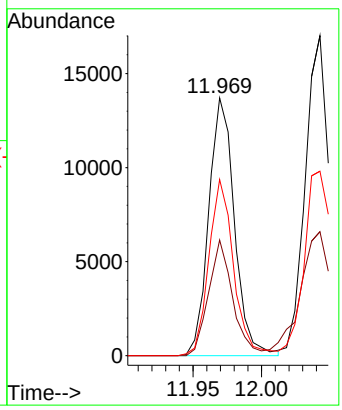


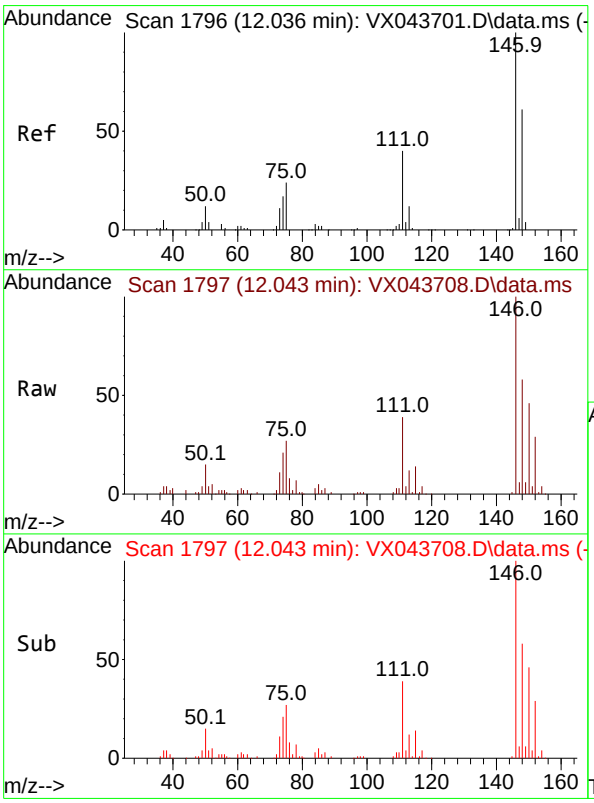
#64
1,3-Dichlorobenzene
Concen: 5.822 ug/L
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 17879

Ion	Ratio	Lower	Upper
146	100		
111	44.9	28.3	52.5
148	68.4	45.1	83.9

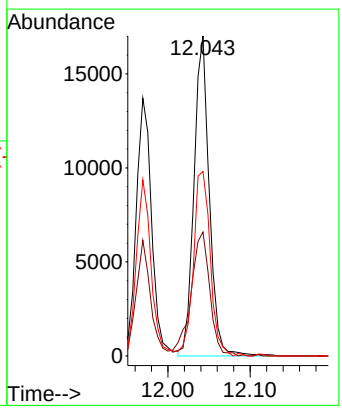


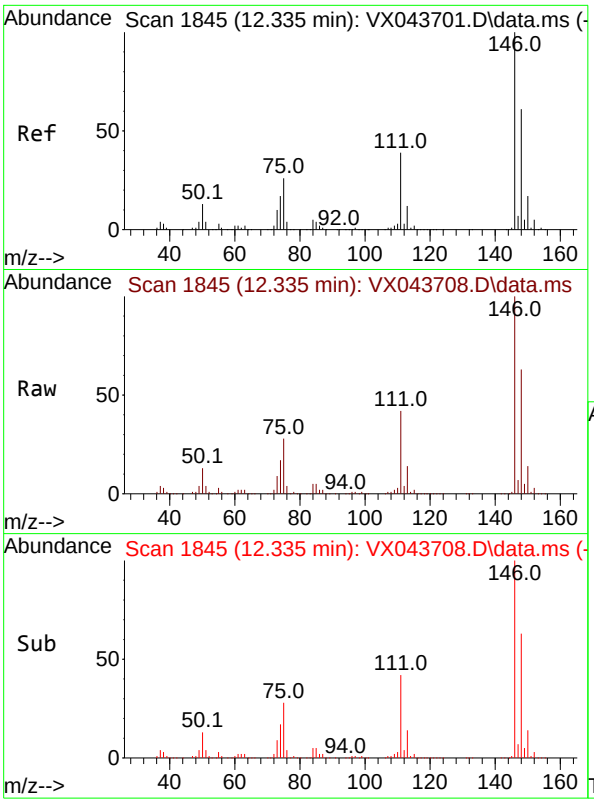


#65
1,4-Dichlorobenzene
Concen: 7.123 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Tgt Ion:146 Resp: 22032

Ion	Ratio	Lower	Upper
146	100		
111	38.8	28.9	53.7
148	57.6	45.0	83.6



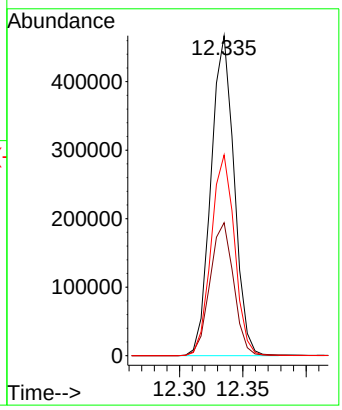


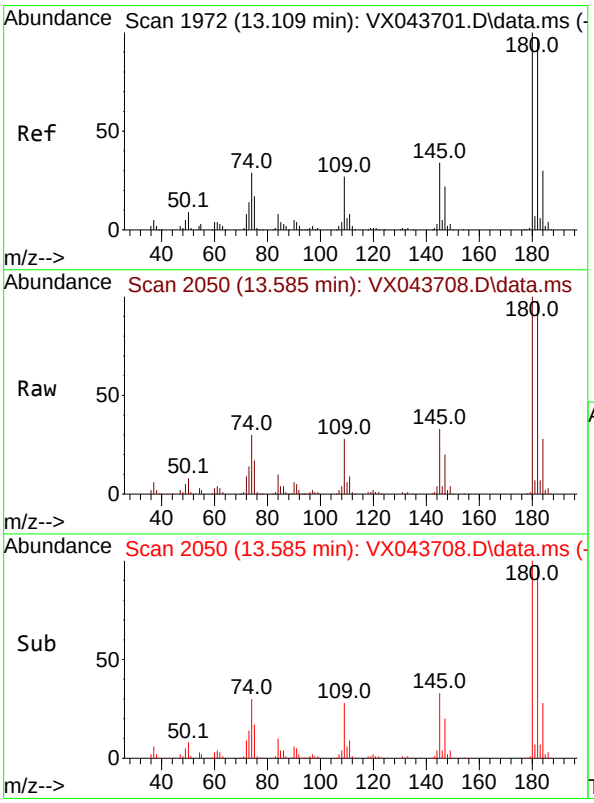
#67
1,2-Dichlorobenzene
Concen: 189.146 ug/L
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 593586

Ion	Ratio	Lower	Upper
146	100		
111	41.5	33.9	50.9
148	62.7	50.6	76.0

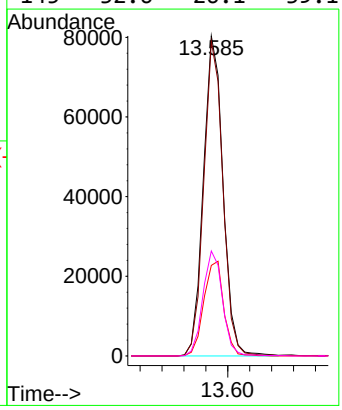


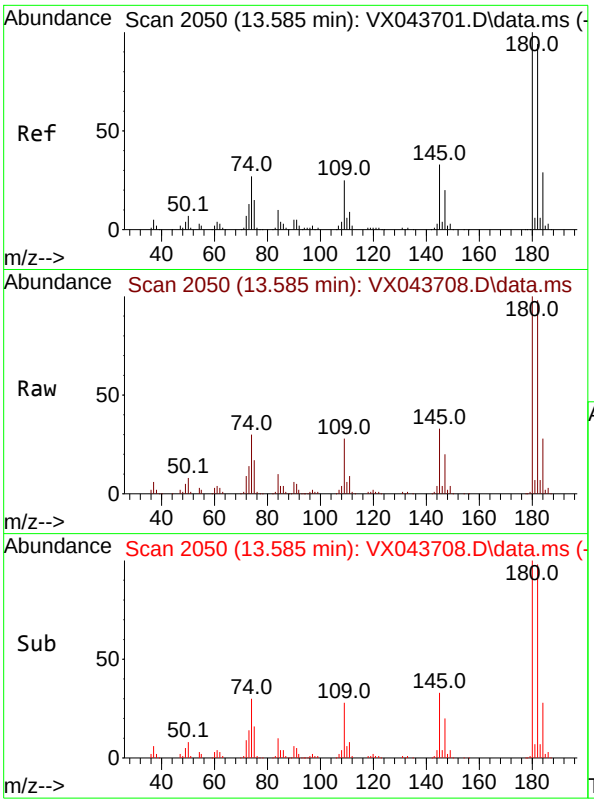


#69
1,3,5-Trichlorobenzene
Concen: 48.814 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.476 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Tgt Ion:180 Resp: 99981

Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.7	112.1
184	30.0	23.7	35.5
145	32.6	26.1	39.1



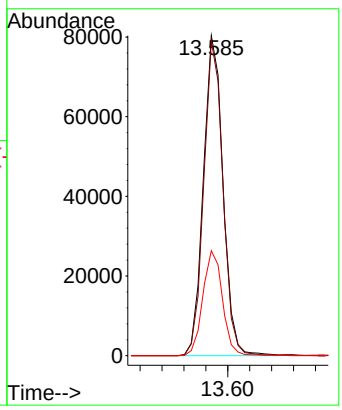


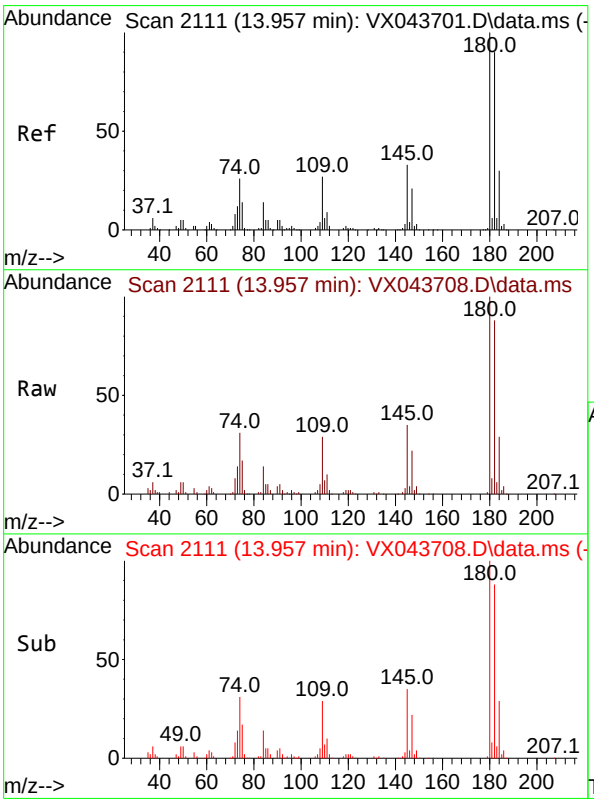
#70
1,2,4-trichlorobenzene
Concen: 53.238 ug/L
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :

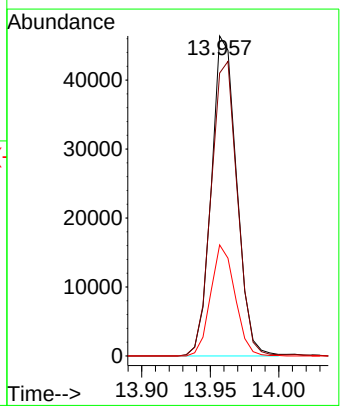
Tgt Ion:180 Resp: 99981

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	32.6	26.9	40.3





#72
1,2,3-Trichlorobenzene
Concen: 30.702 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX043708.D
Acq: 05 Nov 2024 11:59

Tgt Ion:180 Resp: 59589

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.8
145	33.4	28.4	42.6