Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
Data File : VX035219.D
Acq On : 20 Apr 2023 16:35
Operator : JC/MD
Sample : 02378-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 23:31:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	441357	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	383634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	185731	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97820	34.373	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.740%			
7) Chloroethane-d5	1.673	69	85281	41.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.940%			
11) 1,1-Dichloroethene-d2	2.307	65	52570	38.606	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.220%			
21) 2-Butanone-d5	4.465	46	212317	111.953	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.950%			
24) Chloroform-d	5.056	84	253556	47.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.620%			
26) 1,2-Dichloroethane-d4	5.958	65	173508	50.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.820%			
32) Benzene-d6	5.971	84	515556	46.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.560%			
36) 1,2-Dichloropropane-d6	7.312	67	169942	50.483	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.960%			
41) Toluene-d8	8.647	98	451284	44.807	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.620%			
43) trans-1,3-Dichloroprop...	8.952	79	63349	43.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.120%			
47) 2-Hexanone-d5	9.385	63	152879	113.091	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.090%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	223148	54.127	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.260%			
66) 1,2-Dichlorobenzene-d4	12.323	152	179932	49.992	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.980%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	1406	0.533	ug/L #	1
39) cis-1,3-Dichloropropene	8.324	75	4108	0.898	ug/L #	72
51) Chlorobenzene	10.080	112	2164917	272.621	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	23454	4.072	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	184685	31.335	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	256949	43.996	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	10906	3.063	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	10906	3.271	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	2048	0.622	ug/L	93

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

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Instrument :
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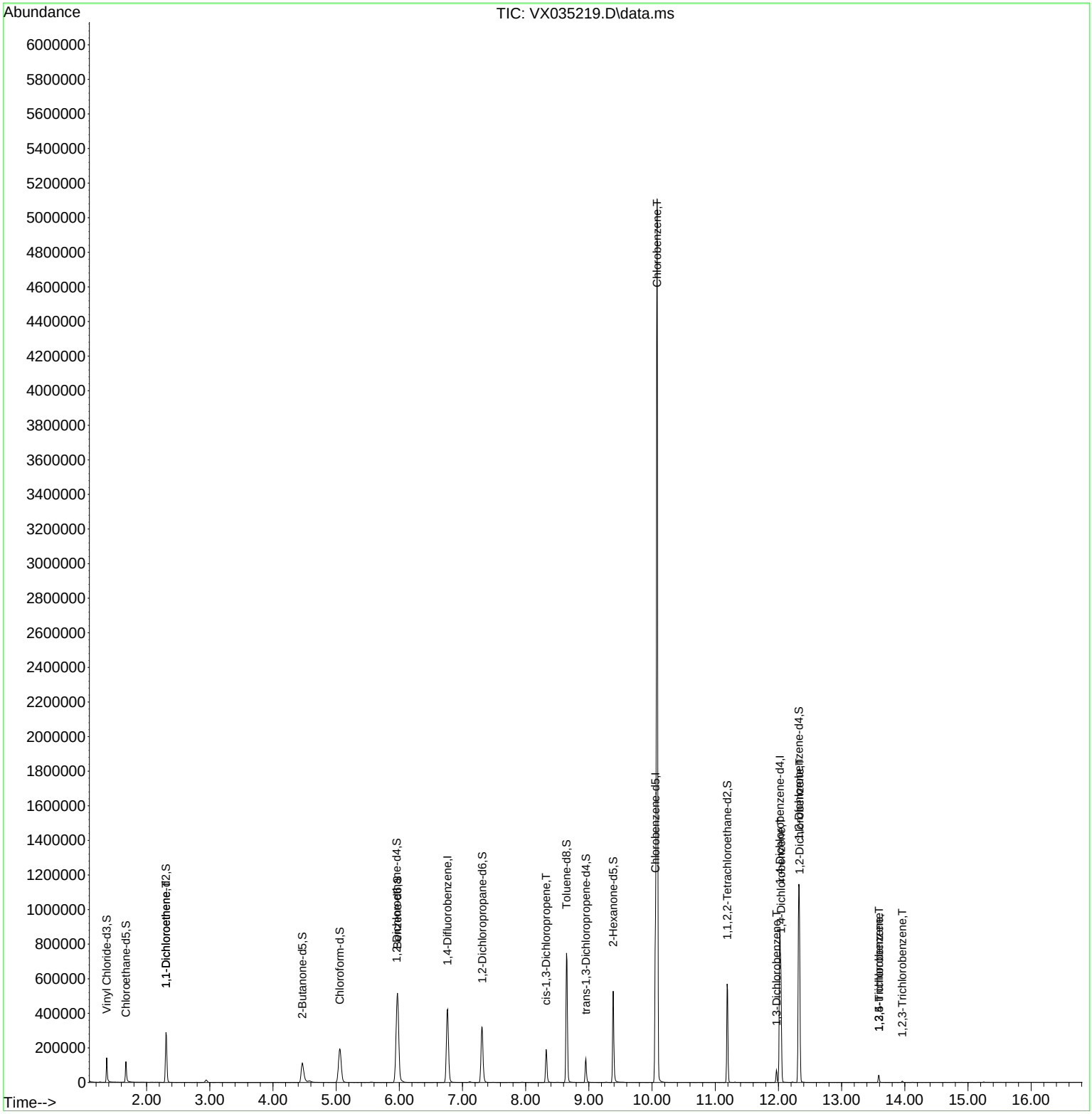
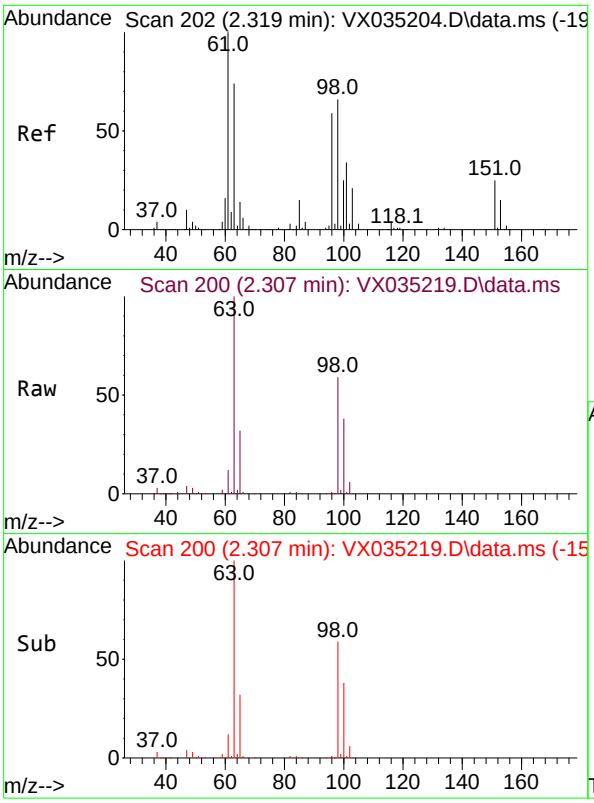
ClientSampleId :

Quant Time: Apr 20 23:31:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration



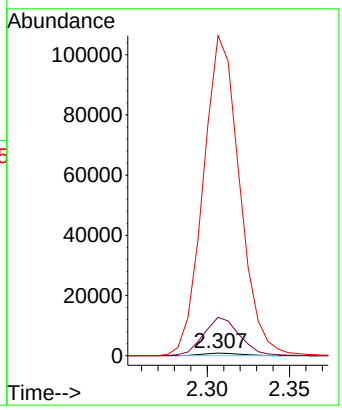


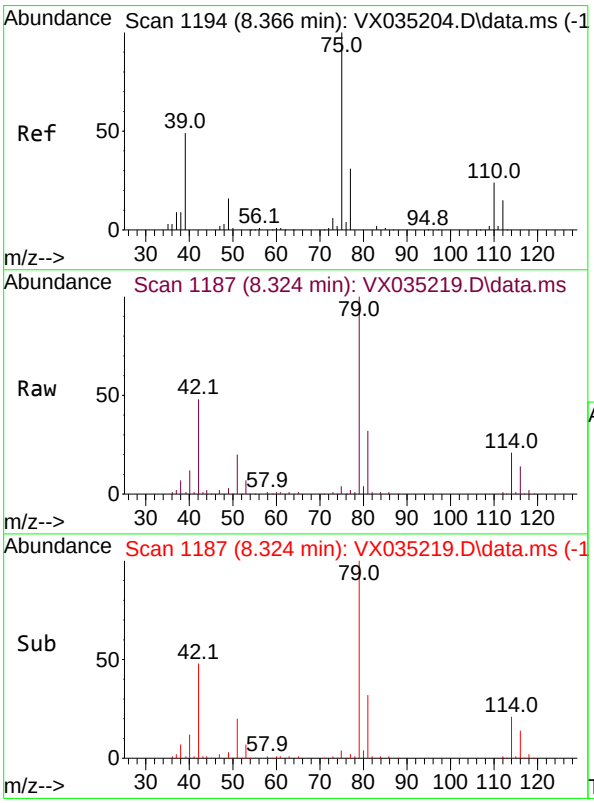
#12
1,1-Dichloroethene
Concen: 0.533 ug/L
RT: 2.307 min Scan# 2
Delta R.T. -0.012 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1406

Ion	Ratio	Lower	Upper
96	100		
61	1472.1	119.0	221.0#
63	12251.6	91.0	169.0#

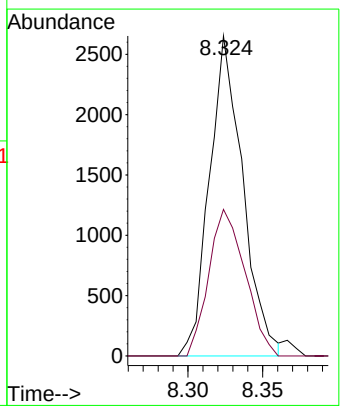


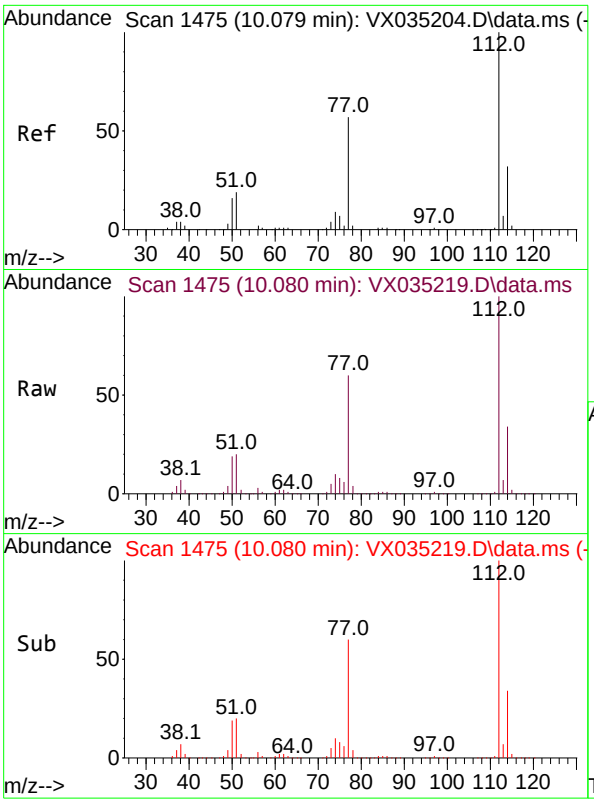


#39
cis-1,3-Dichloropropene
Concen: 0.898 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Tgt Ion: 75 Resp: 4108

Ion	Ratio	Lower	Upper
75	100		
77	45.8	21.4	39.8#



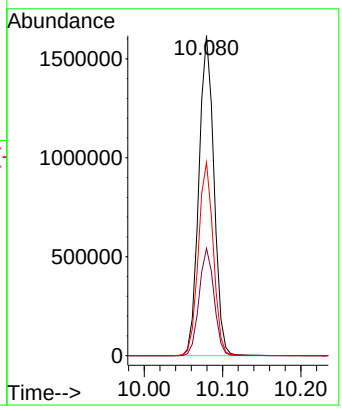


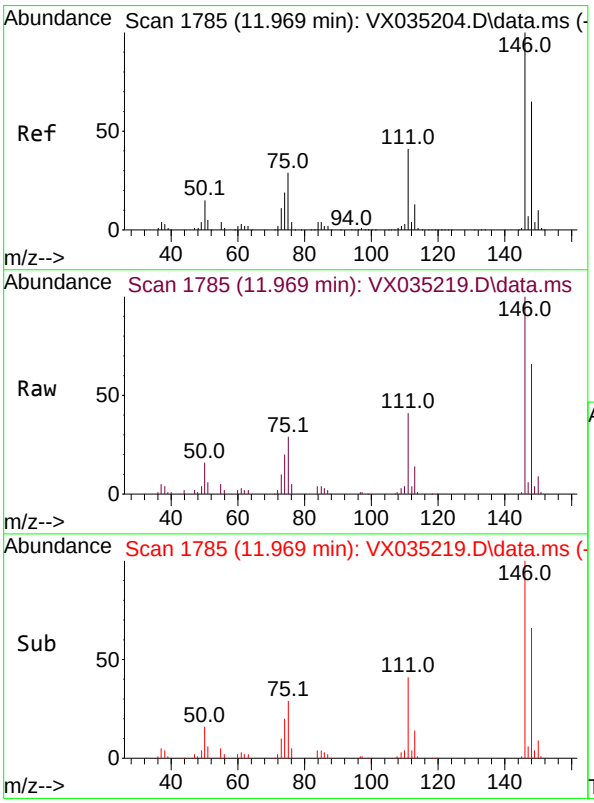
#51
Chlorobenzene
Concen: 272.621 ug/L
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 2164917

Ion	Ratio	Lower	Upper
112	100		
114	33.6	22.4	41.6
77	60.4	47.0	70.6

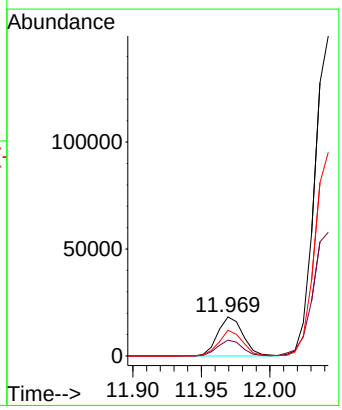


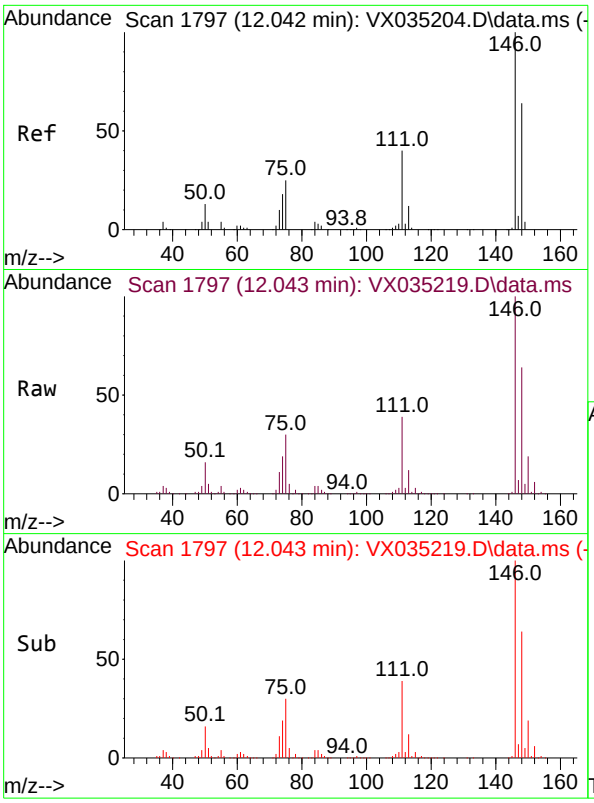


#64
1,3-Dichlorobenzene
Concen: 4.072 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Tgt Ion:146 Resp: 23454

Ion	Ratio	Lower	Upper
146	100		
111	40.8	28.9	53.7
148	66.1	44.3	82.3



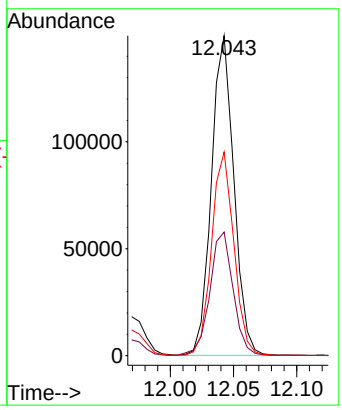


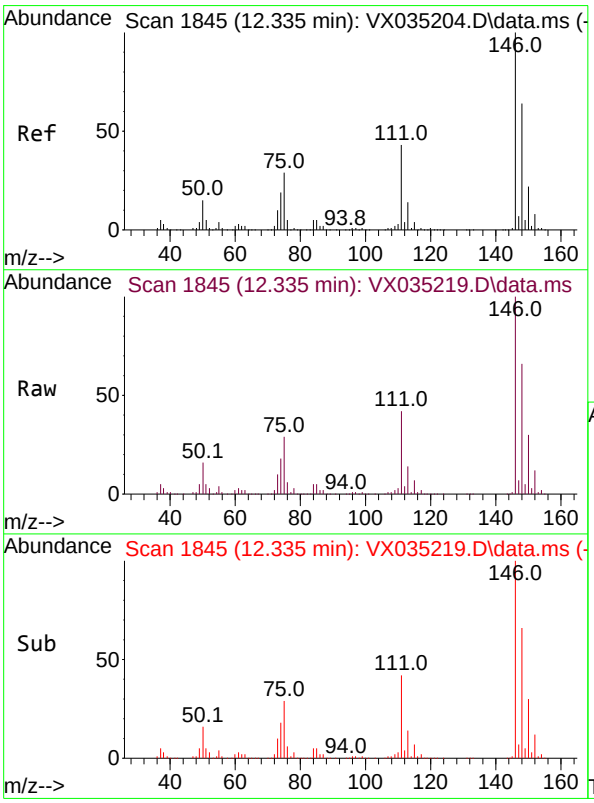
#65
1,4-Dichlorobenzene
Concen: 31.335 ug/L
RT: 12.043 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 184685

Ion	Ratio	Lower	Upper
146	100		
111	38.7	27.9	51.7
148	63.6	45.9	85.3

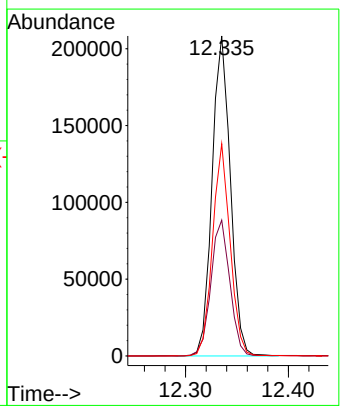


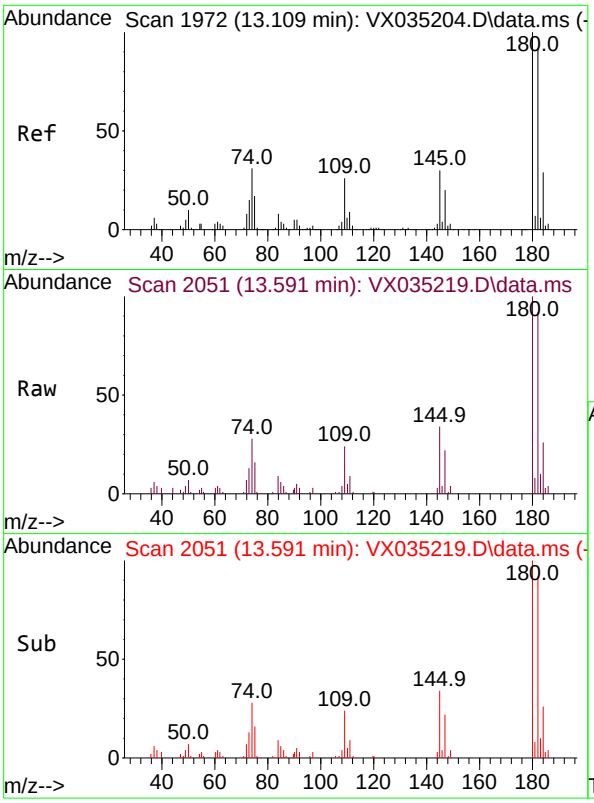


#67
1,2-Dichlorobenzene
Concen: 43.996 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Tgt Ion:146 Resp: 256949

Ion	Ratio	Lower	Upper
146	100		
111	42.4	34.7	52.1
148	66.3	52.1	78.1



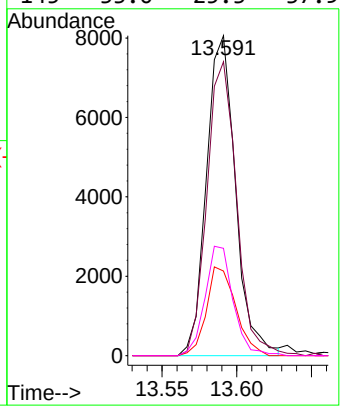


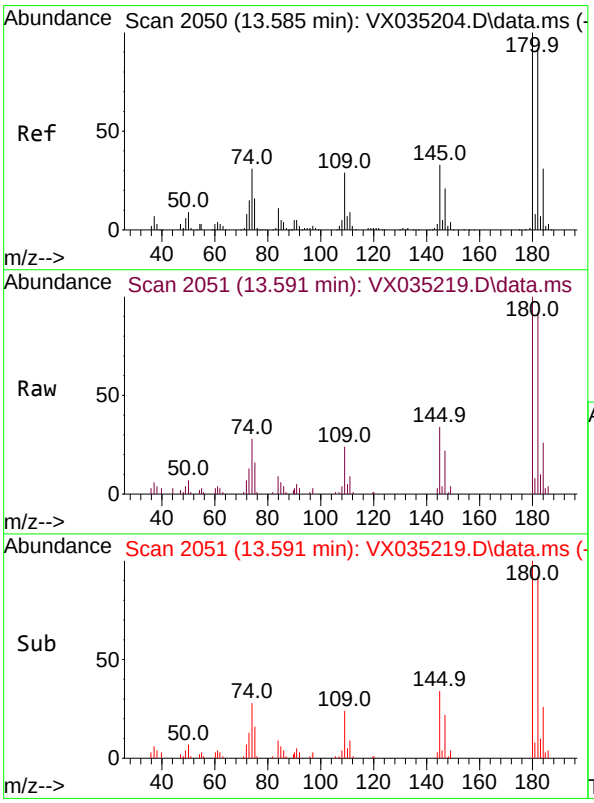
#69
1,3,5-Trichlorobenzene
Concen: 3.063 ug/L
RT: 13.591 min Scan# 2
Delta R.T. 0.482 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 10906

Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.4	113.0
184	28.1	23.8	35.8
145	33.0	25.3	37.9

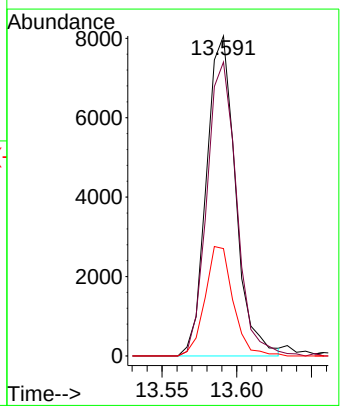


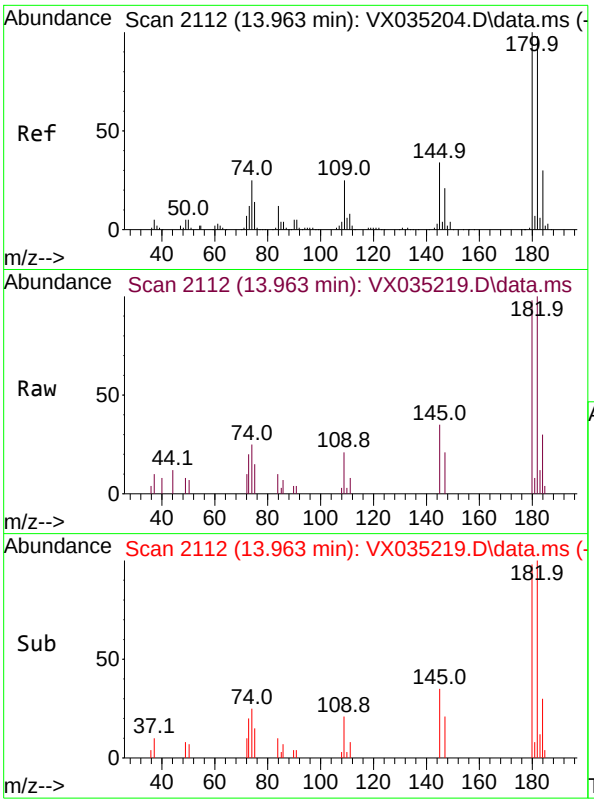


#70
1,2,4-trichlorobenzene
Concen: 3.271 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Tgt Ion:180 Resp: 10906

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.6	114.8
145	33.0	26.2	39.4





#72
1,2,3-Trichlorobenzene
Concen: 0.622 ug/L
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 2048

Ion	Ratio	Lower	Upper
180	100		
182	101.3	75.0	112.6
145	36.2	27.1	40.7