Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039362.D
Acq On : 19 Dec 2023 17:27
Operator : JC/MD
Sample : 05808-03 40X
Misc : 2.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 22:07:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	210315	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	196940	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95208	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71001	43.041	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.080%			
7) Chloroethane-d5	1.666	69	52586	43.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.260%			
11) 1,1-Dichloroethene-d2	2.306	65	34117	47.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.240%			
21) 2-Butanone-d5	4.446	46	129070	86.438	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.440%			
24) Chloroform-d	5.056	84	129812	44.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.900%			
26) 1,2-Dichloroethane-d4	5.952	65	92506	48.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.820%			
32) Benzene-d6	5.970	84	275846	45.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.760%			
36) 1,2-Dichloropropane-d6	7.305	67	89869	45.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.900%			
41) Toluene-d8	8.647	98	244410	44.373	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.740%			
43) trans-1,3-Dichloroprop...	8.952	79	37584	37.758	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.520%			
47) 2-Hexanone-d5	9.384	63	92449	79.134	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.130%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	119838	43.188	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.380%			
66) 1,2-Dichlorobenzene-d4	12.317	152	82374	45.773	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.540%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	1034	0.718	ug/L #	21
12) 1,1-Dichloroethene	2.306	96	852	0.629	ug/L #	1
25) Chloroform	5.099	83	5526	1.963	ug/L	90
37) 1,2-Dichloropropane	7.312	63	10385	5.983	ug/L #	89
44) trans-1,3-Dichloropropene	8.952	75	1945	0.757	ug/L	91
51) Chlorobenzene	10.079	112	9217	2.248	ug/L	90
65) 1,4-Dichlorobenzene	12.042	146	8694	2.881	ug/L	98

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

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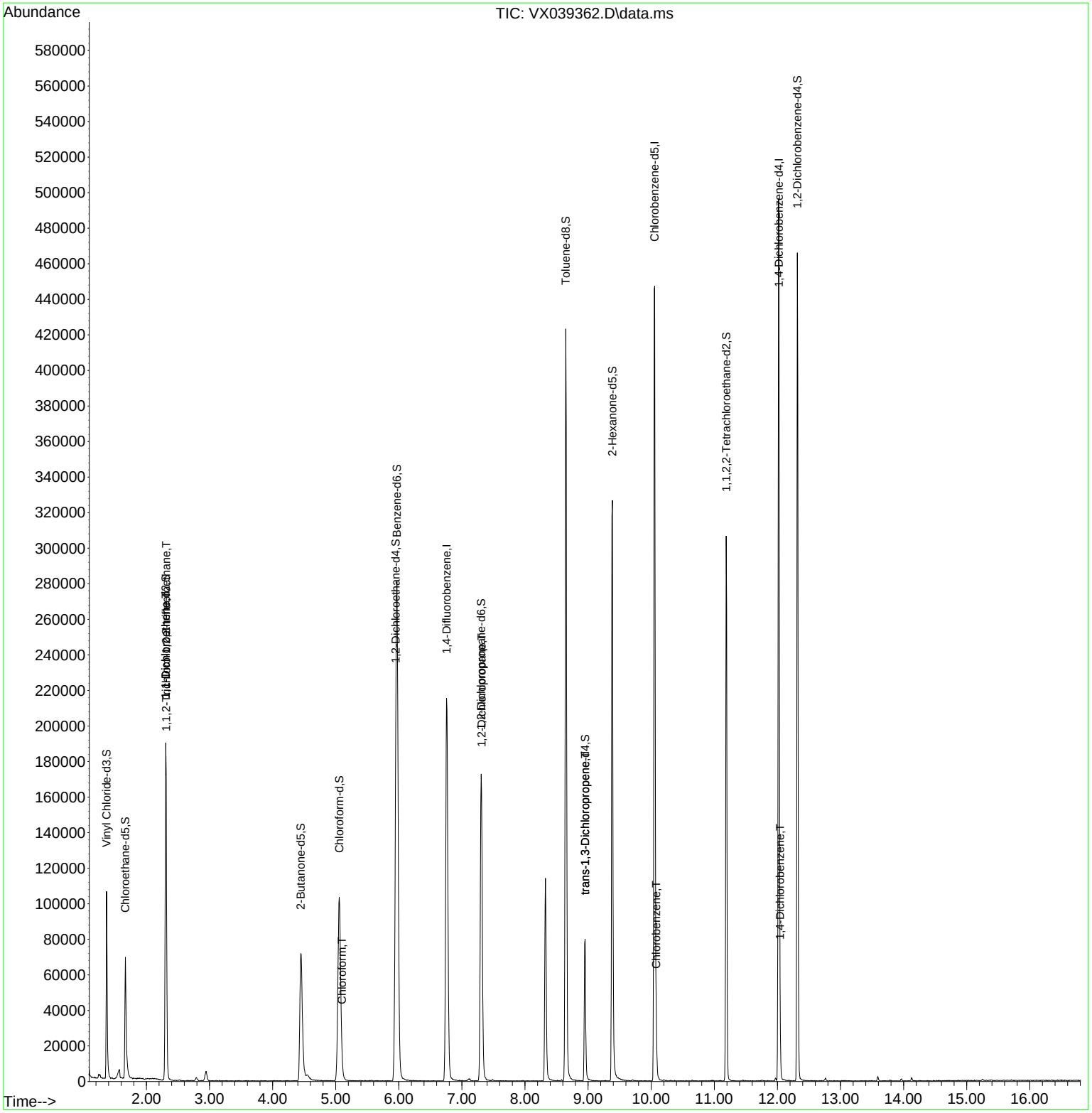
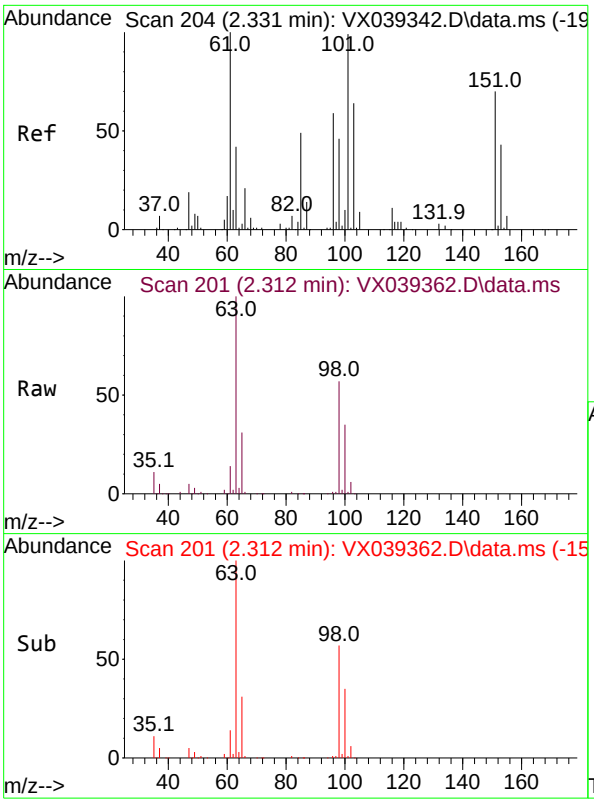
Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration



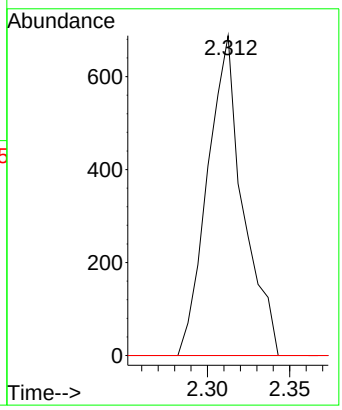


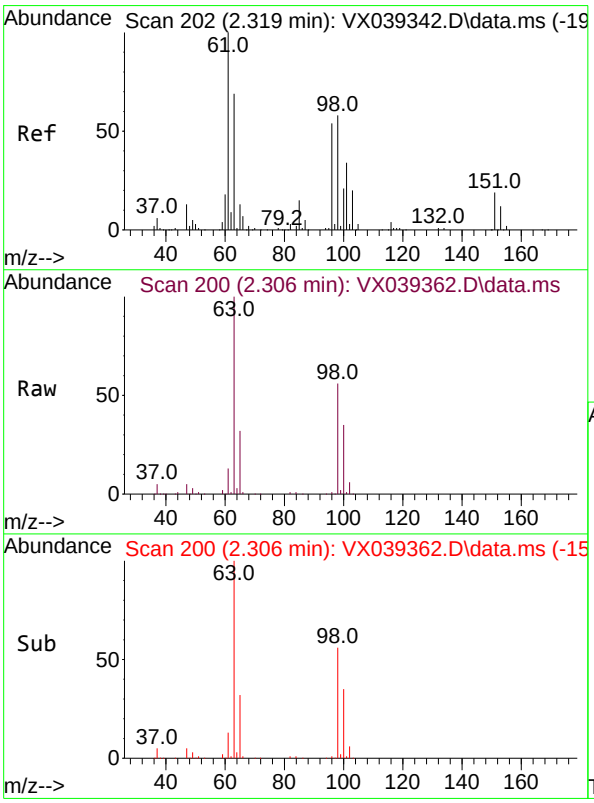
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.718 ug/L
RT: 2.312 min Scan# 2
Delta R.T. -0.018 min
Lab File: VX039362.D
Acq: 19 Dec 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 1034

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.6#
151	0.0	55.4	83.2#

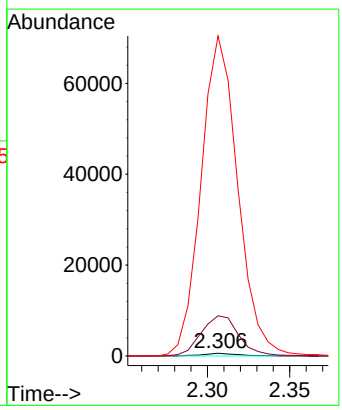


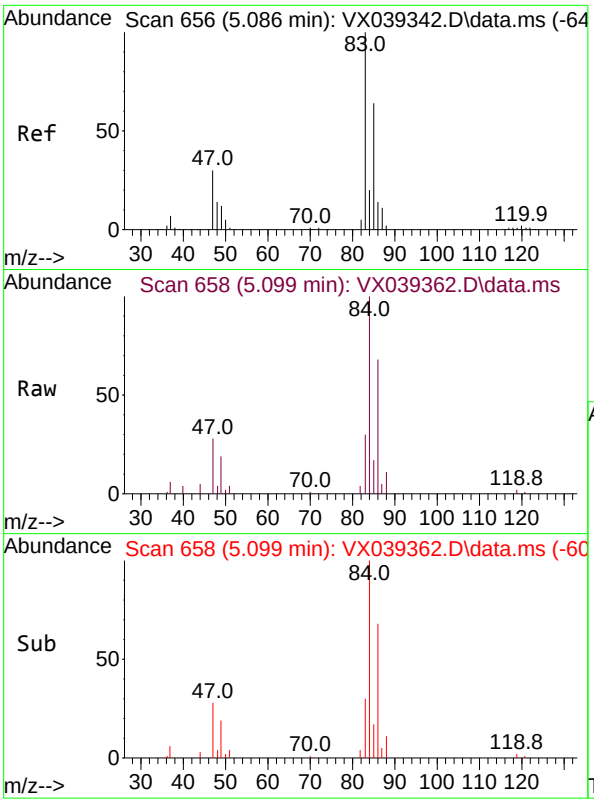


#12
1,1-Dichloroethene
Concen: 0.629 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039362.D
Acq: 19 Dec 2023 17:27

Tgt Ion: 96 Resp: 852

Ion	Ratio	Lower	Upper
96	100		
61	1489.2	128.0	237.6#
63	11879.9	101.5	188.5#



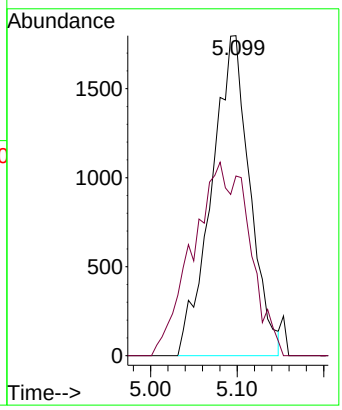


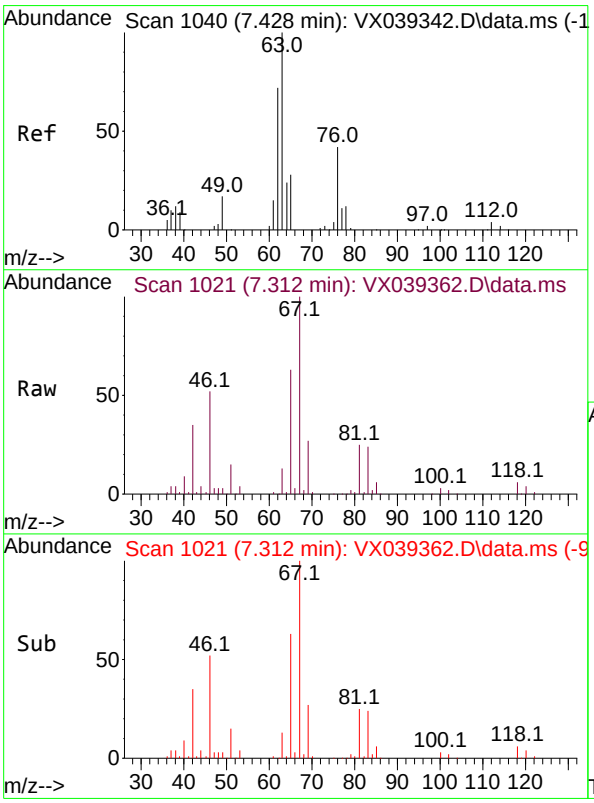
#25
Chloroform
Concen: 1.963 ug/L
RT: 5.099 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX039362.D
Acq: 19 Dec 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 5526

Ion	Ratio	Lower	Upper
83	100		
85	56.2	45.1	83.7

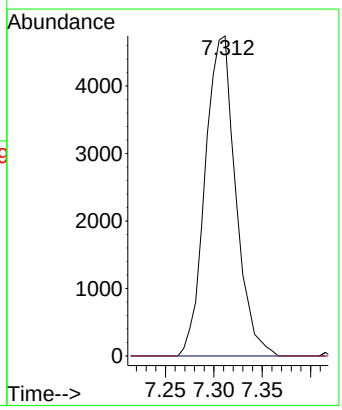


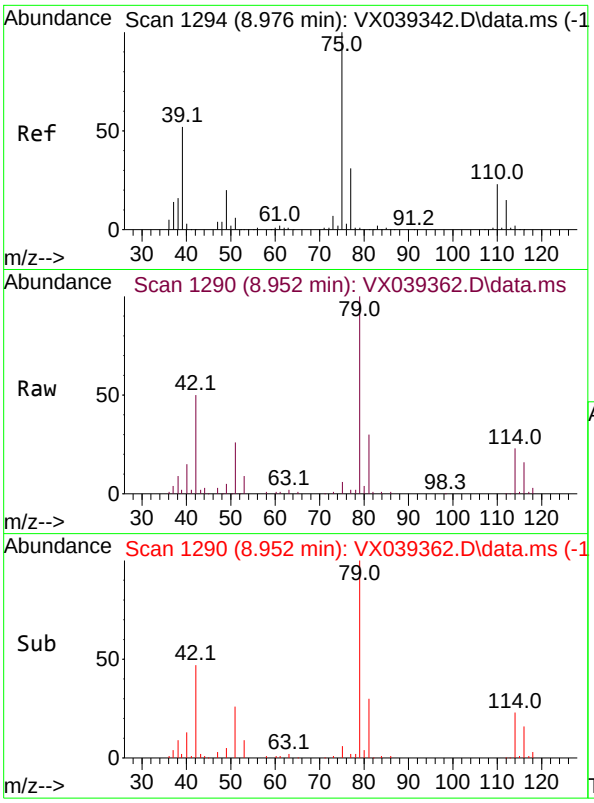


#37
1,2-Dichloropropane
Concen: 5.983 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.116 min
Lab File: VX039362.D
Acq: 19 Dec 2023 17:27

Tgt Ion: 63 Resp: 10385

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



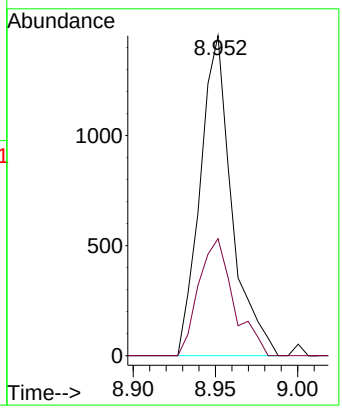


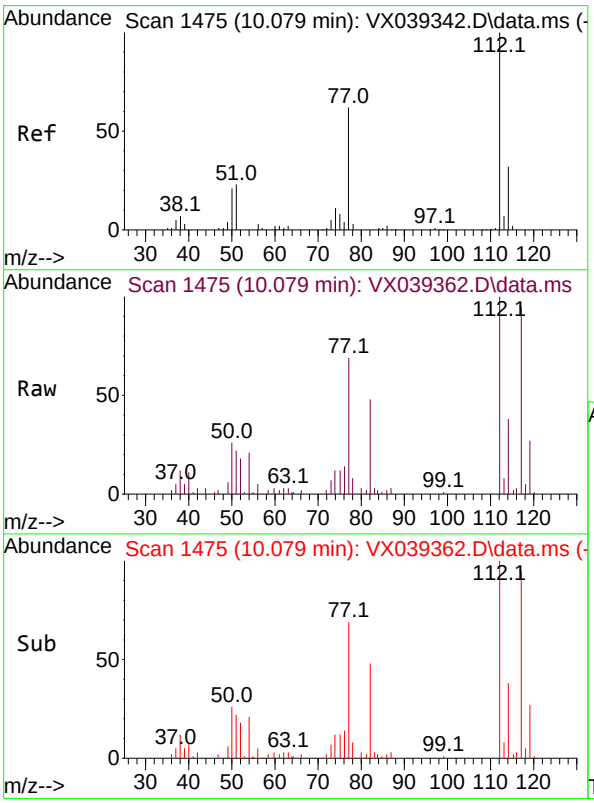
#44
trans-1,3-Dichloropropene
Concen: 0.757 ug/L
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX039362.D
Acq: 19 Dec 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1945

Ion	Ratio	Lower	Upper
75	100		
77	36.5	22.0	40.8

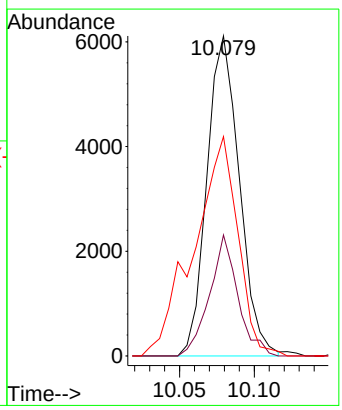


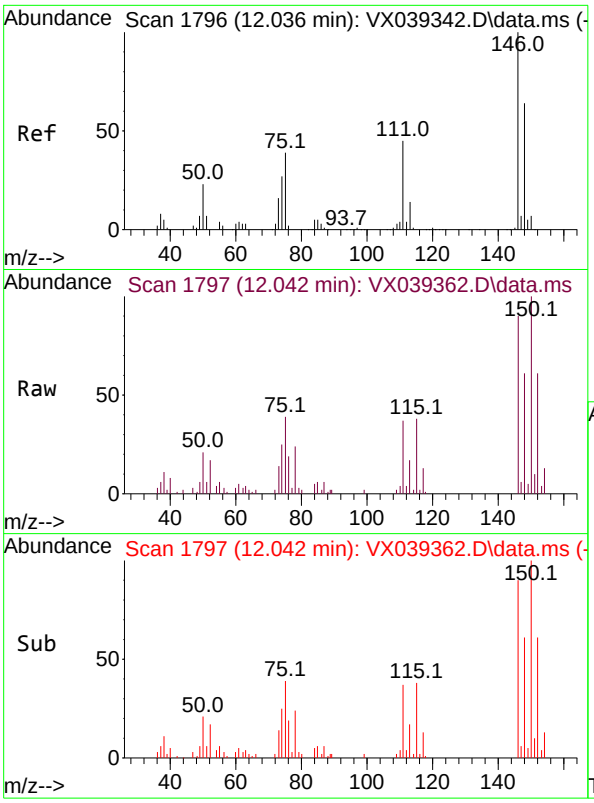


#51
Chlorobenzene
Concen: 2.248 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039362.D
Acq: 19 Dec 2023 17:27

Tgt Ion:112 Resp: 9217

Ion	Ratio	Lower	Upper
112	100		
114	37.8	21.8	40.4
77	68.6	49.0	73.6





#65
1,4-Dichlorobenzene
Concen: 2.881 ug/L
RT: 12.042 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039362.D
Acq: 19 Dec 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 8694

Ion	Ratio	Lower	Upper
146	100		
111	41.9	29.7	55.1
148	68.1	45.8	85.2