Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039383.D
Acq On : 20 Dec 2023 01:26
Operator : JC/MD
Sample : 05835-19 100X
Misc : 4.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 20 02:23:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	182113	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	170807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82661	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	58825	41.183	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.360%			
7) Chloroethane-d5	1.672	69	45819	43.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	2.306	65	29221	46.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.200%			
21) 2-Butanone-d5	4.446	46	121343	93.848	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.850%			
24) Chloroform-d	5.056	84	114860	45.424	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.840%			
26) 1,2-Dichloroethane-d4	5.952	65	83998	51.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.580%			
32) Benzene-d6	5.970	84	241989	45.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.820%			
36) 1,2-Dichloropropane-d6	7.305	67	77981	45.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.940%			
41) Toluene-d8	8.647	98	212884	44.563	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.120%			
43) trans-1,3-Dichloroprop...	8.951	79	33334	38.612	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.220%			
47) 2-Hexanone-d5	9.384	63	87612	86.467	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.470%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	110980	46.115	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.240%			
66) 1,2-Dichlorobenzene-d4	12.317	152	73928	47.316	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.640%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.312	96	743	0.633	ug/L #	1
25) Chloroform	5.099	83	5787	2.374	ug/L	95
33) Benzene	6.037	78	29072	5.356	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	2567	1.069	ug/L #	66
44) trans-1,3-Dichloropropene	8.951	75	1727	0.775	ug/L #	77
48) 2-Hexanone	9.378	43	11835	5.605	ug/L #	68
51) Chlorobenzene	10.079	112	442131	124.351	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	12105	4.682	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	230514	87.991	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	23501	9.503	ug/L	99
69) 1,3,5-Trichlorobenzene	13.591	180	5508	3.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	5508	3.417	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	2950	1.890	ug/L	90

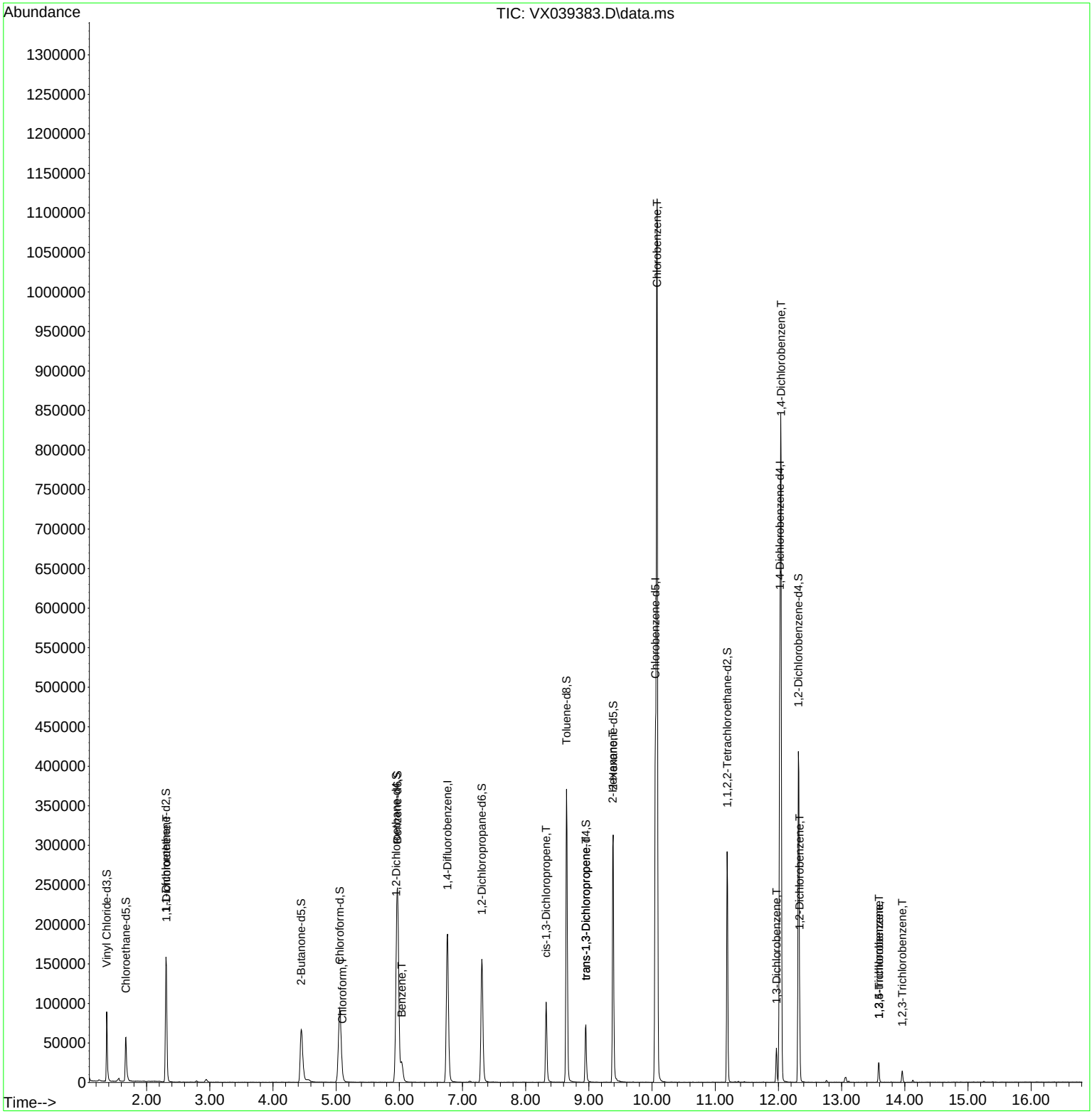
(#) = qualifier out of range (m) = manual integration (+) = signals summed

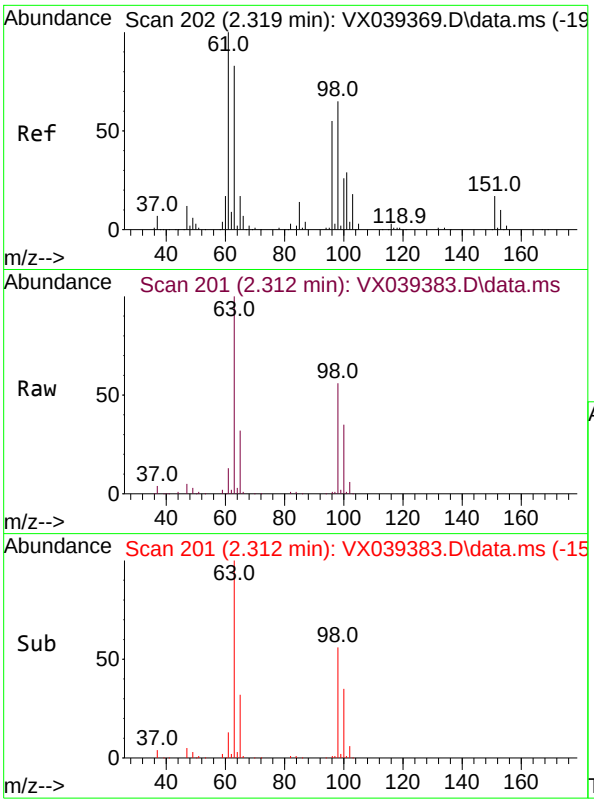
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039383.D
Acq On : 20 Dec 2023 01:26
Operator : JC/MD
Sample : 05835-19 100X
Misc : 4.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 20 02:23:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration



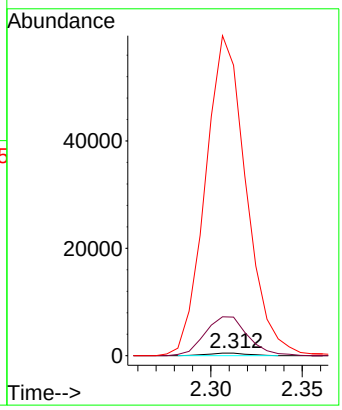


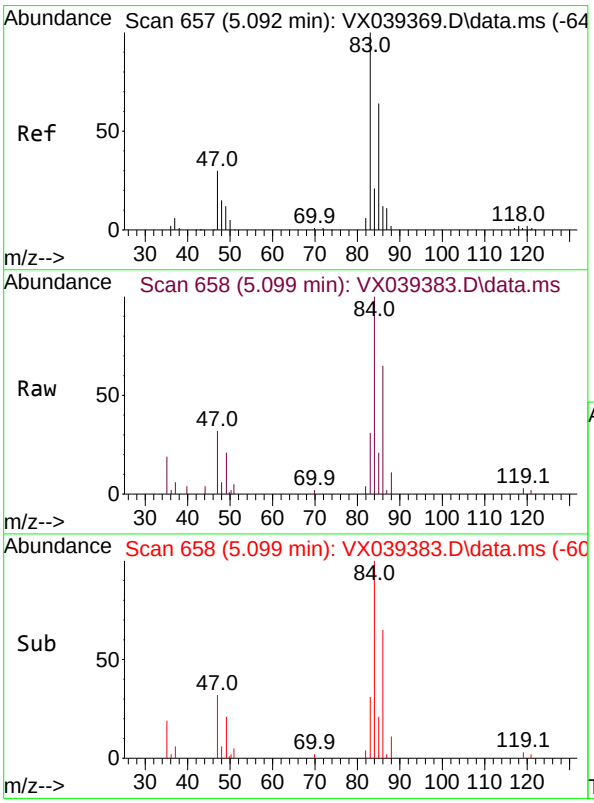
#12
1,1-Dichloroethene
Concen: 0.633 ug/L
RT: 2.312 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 743

Ion	Ratio	Lower	Upper
96	100		
61	1465.7	128.0	237.6#
63	11040.0	101.5	188.5#

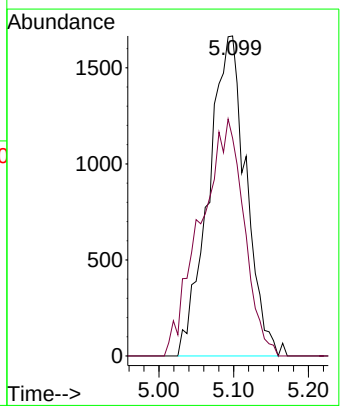


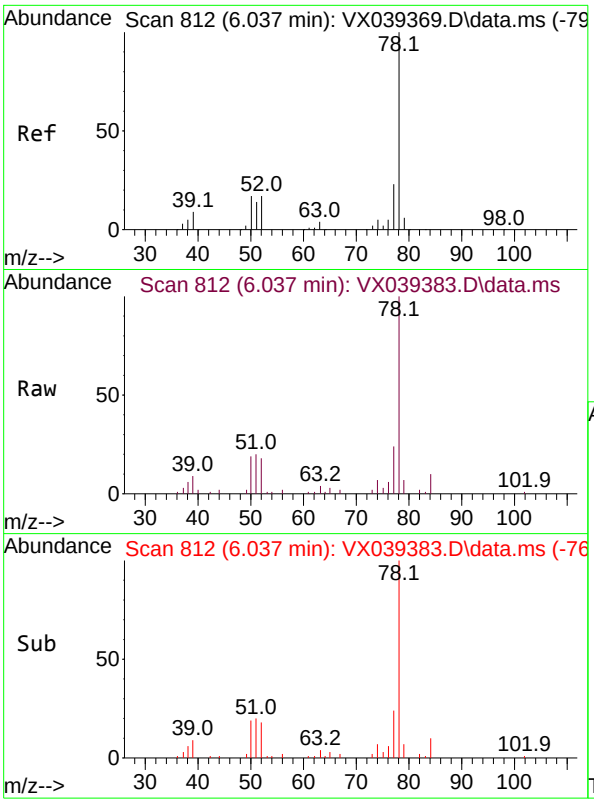


#25
Chloroform
Concen: 2.374 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Tgt Ion: 83 Resp: 5787

Ion	Ratio	Lower	Upper
83	100		
85	68.1	45.1	83.7

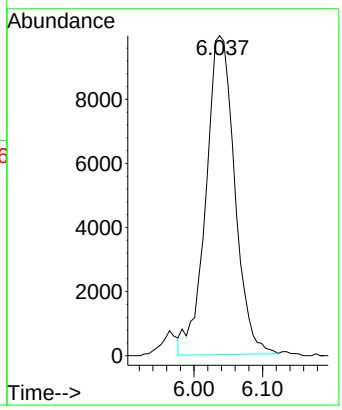


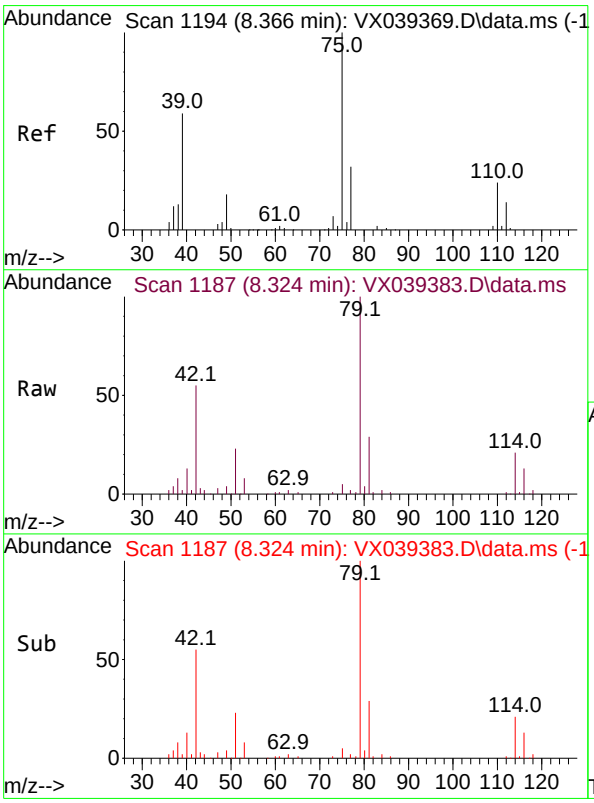


#33
Benzene
Concen: 5.356 ug/L
RT: 6.037 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 29072

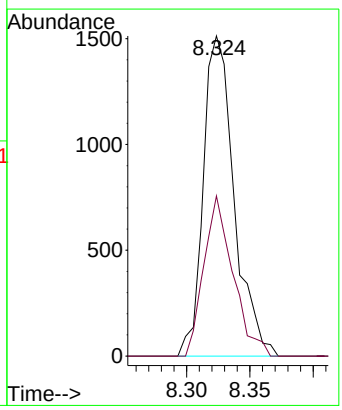


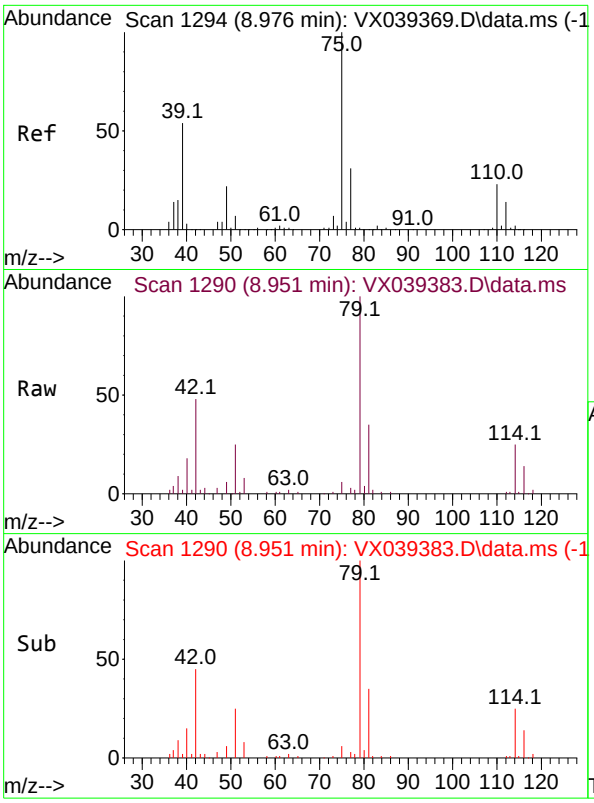


#39
cis-1,3-Dichloropropene
Concen: 1.069 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Tgt Ion: 75 Resp: 2567

Ion	Ratio	Lower	Upper
75	100		
77	50.0	22.0	40.8#



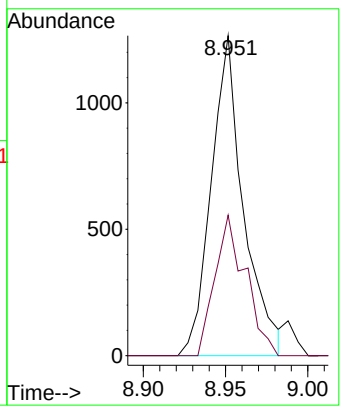


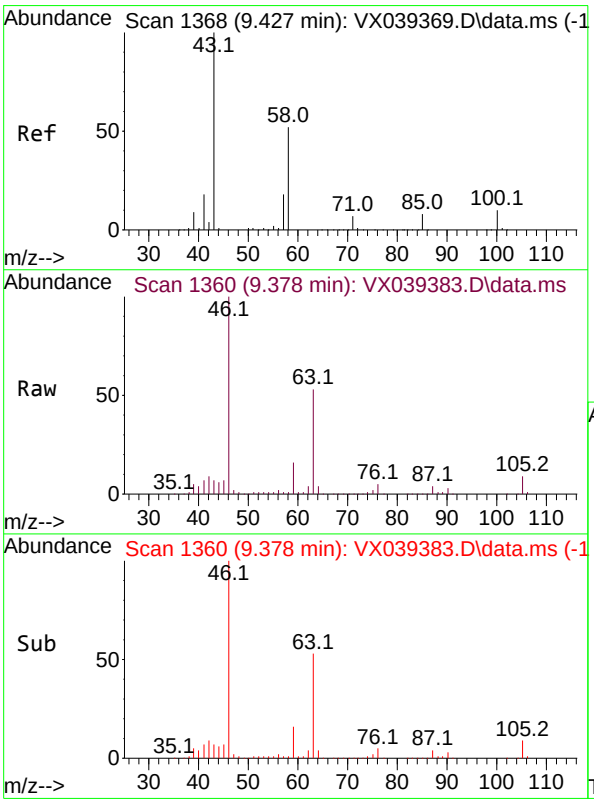
#44
trans-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 8.951 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1727

Ion	Ratio	Lower	Upper
75	100		
77	43.9	22.0	40.8#

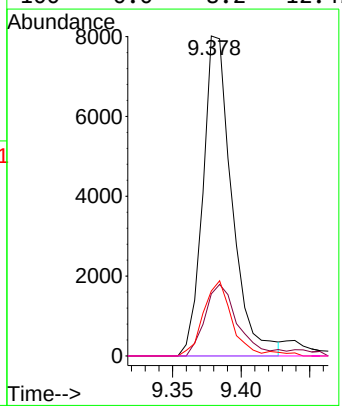


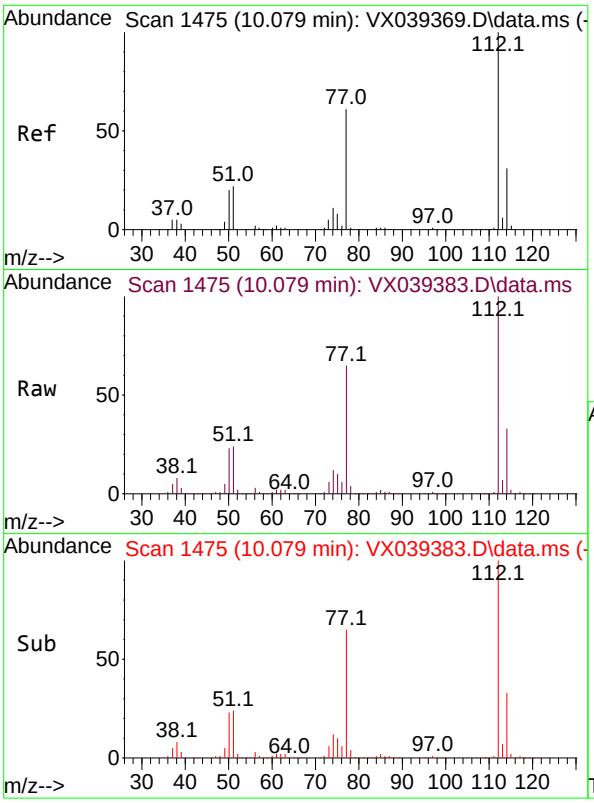


#48
2-Hexanone
Concen: 5.605 ug/L
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Tgt Ion: 43 Resp: 11835

Ion	Ratio	Lower	Upper
43	100		
58	24.8	43.0	64.6#
57	22.7	14.6	21.8#
100	0.0	8.2	12.4#



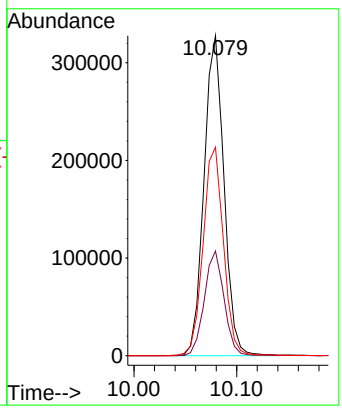


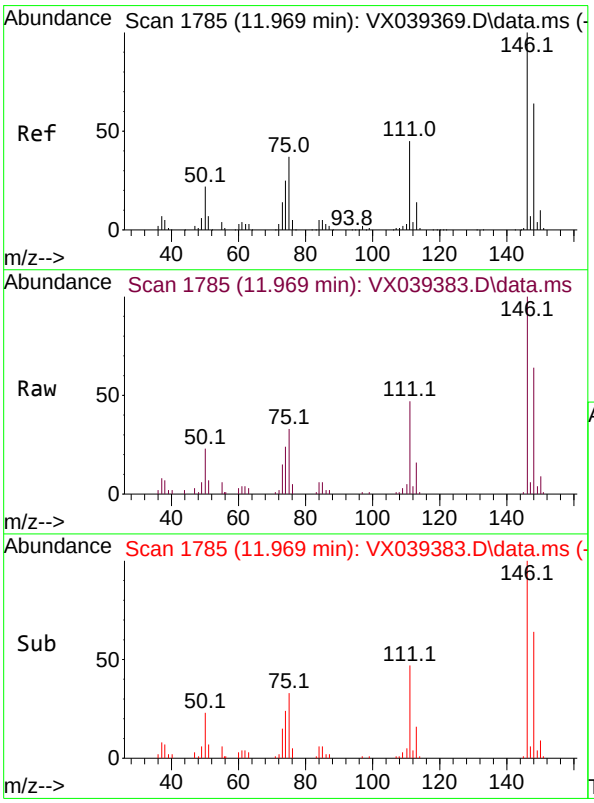
#51
Chlorobenzene
Concen: 124.351 ug/L
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 442131

Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.8	40.4
77	65.1	49.0	73.6

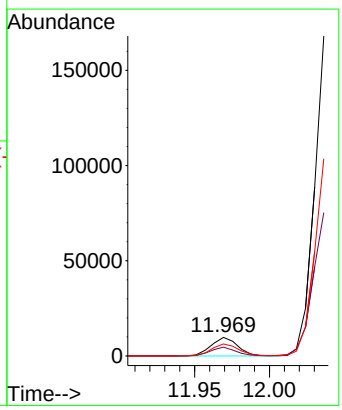


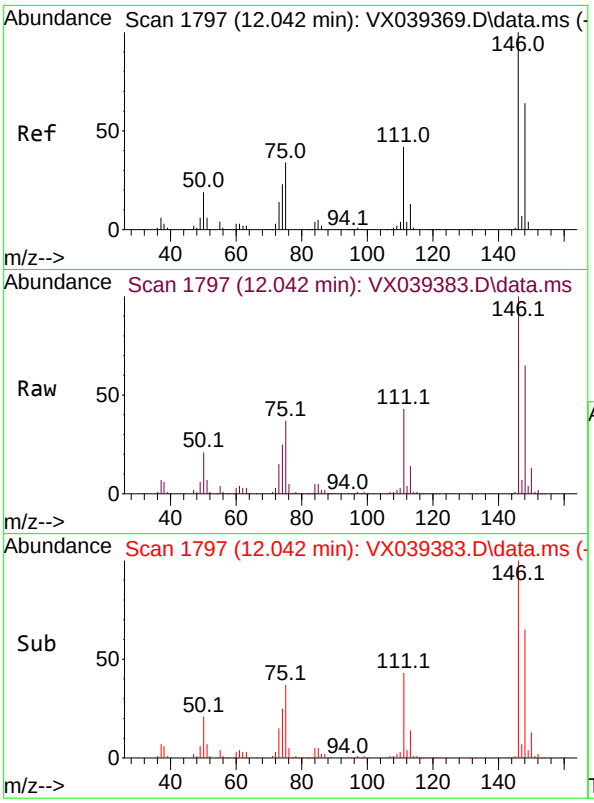


#64
1,3-Dichlorobenzene
Concen: 4.682 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Tgt Ion:146 Resp: 12105

Ion	Ratio	Lower	Upper
146	100		
111	47.0	30.0	55.6
148	64.1	44.2	82.0



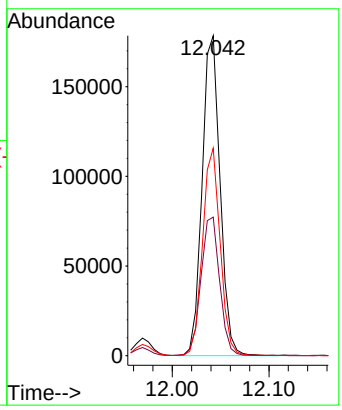


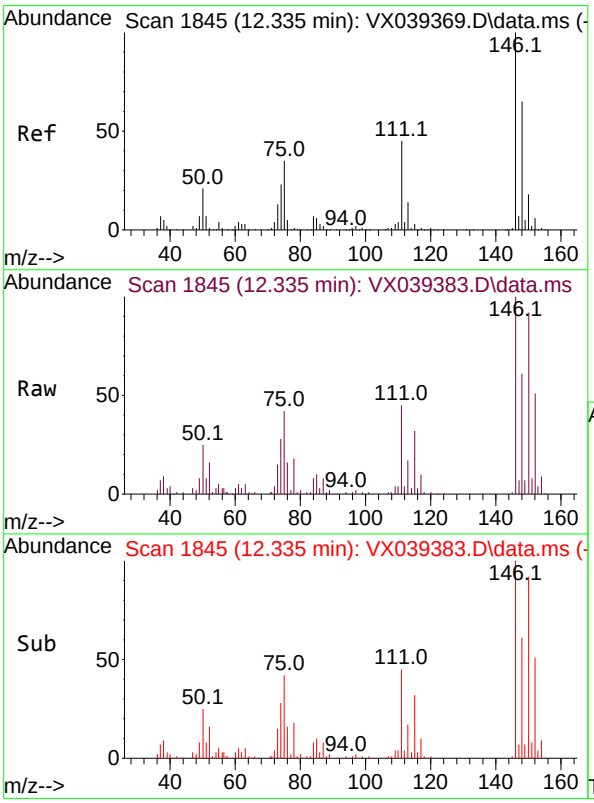
#65
1,4-Dichlorobenzene
Concen: 87.991 ug/L
RT: 12.042 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 230514

Ion	Ratio	Lower	Upper
146	100		
111	43.3	29.7	55.1
148	64.9	45.8	85.2

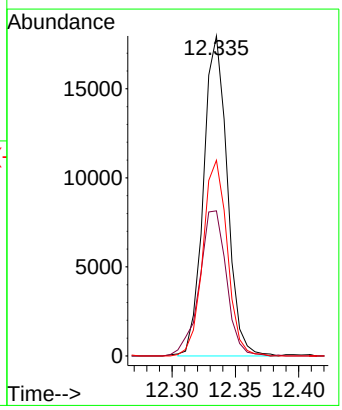


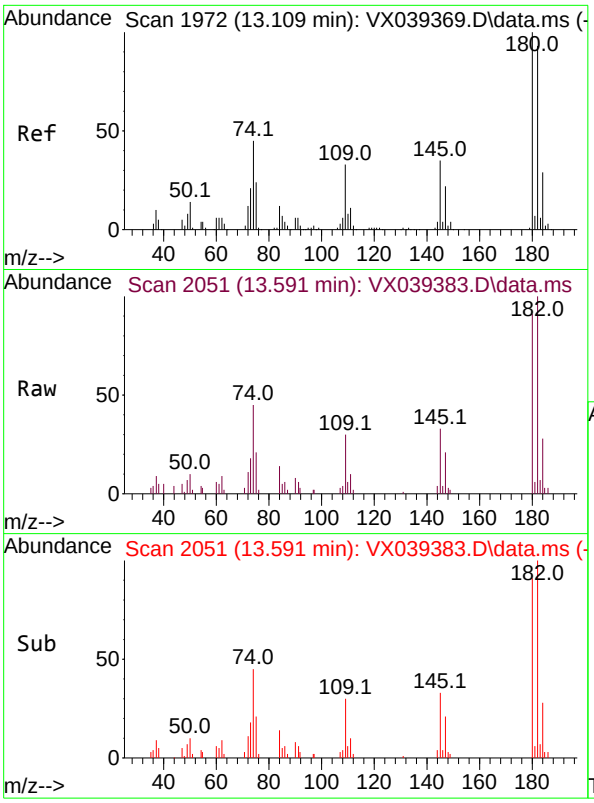


#67
1,2-Dichlorobenzene
Concen: 9.503 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Tgt Ion:146 Resp: 23501

Ion	Ratio	Lower	Upper
146	100		
111	45.4	36.4	54.6
148	61.1	50.0	75.0



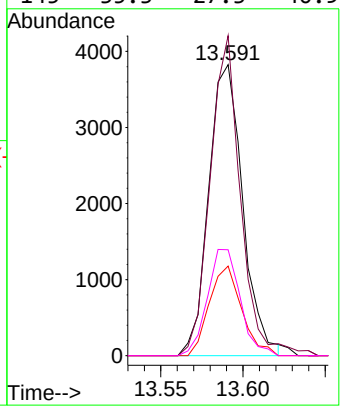


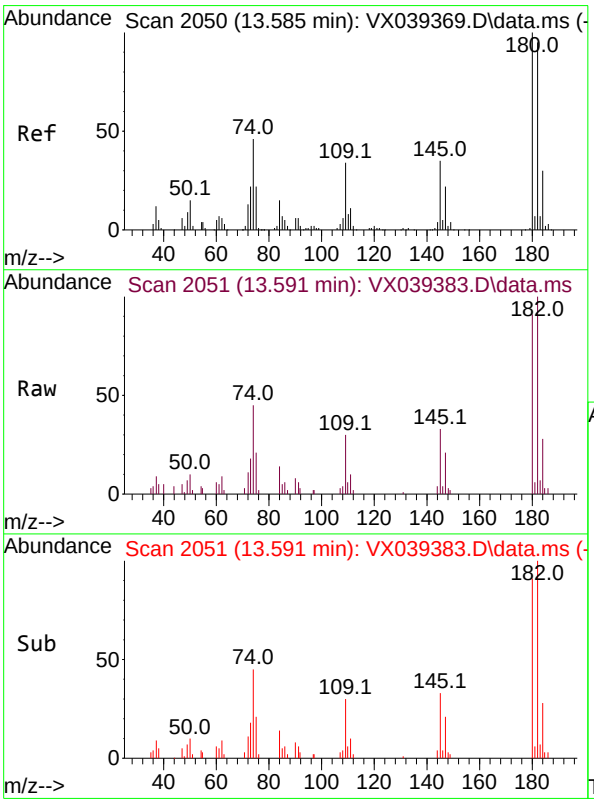
#69
1,3,5-Trichlorobenzene
Concen: 3.222 ug/L
RT: 13.591 min Scan# 2
Delta R.T. 0.482 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 5508

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.1	114.1
184	29.4	24.1	36.1
145	35.3	27.3	40.9

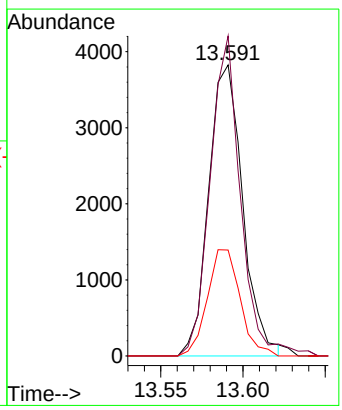


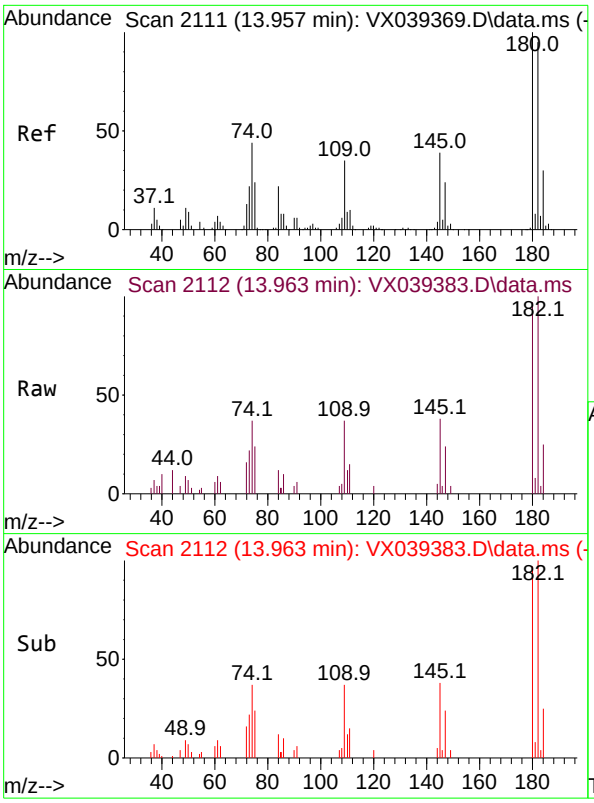


#70
1,2,4-trichlorobenzene
Concen: 3.417 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Tgt Ion:180 Resp: 5508

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
145	35.3	27.8	41.6





#72
1,2,3-Trichlorobenzene
Concen: 1.890 ug/L
RT: 13.963 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX039383.D
Acq: 20 Dec 2023 01:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 2950

Ion	Ratio	Lower	Upper
180	100		
182	106.1	75.9	113.9
145	40.1	28.6	42.8