Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039348.D
Acq On : 19 Dec 2023 12:08
Operator : JC/MD
Sample : 05835-12ME
Misc : 4.53g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 22:04:04 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	6.763	114	195295	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177075	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86098	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	72696	47.458	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.920%			
7) Chloroethane-d5	1.648	69	27593	24.371	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 48.740%#			
11) 1,1-Dichloroethene-d2	2.288	65	33862	50.360	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.720%			
21) 2-Butanone-d5	4.477	46	123853	89.323	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.320%			
24) Chloroform-d	5.062	84	123343	45.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.980%			
26) 1,2-Dichloroethane-d4	5.952	65	91689	52.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.420%			
32) Benzene-d6	5.970	84	270575	49.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.020%			
36) 1,2-Dichloropropane-d6	7.306	67	85576	48.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.320%			
41) Toluene-d8	8.647	98	239294	48.318	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.640%			
43) trans-1,3-Dichloroprop...	8.952	79	35721	39.913	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.820%			
47) 2-Hexanone-d5	9.397	63	87827	83.611	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.610%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	109818	44.017	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.040%			
66) 1,2-Dichlorobenzene-d4	12.323	152	77960	47.904	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.294	96	919	0.730	ug/L #	1
15) Methyl Acetate	2.715	43	5364	2.817	ug/L #	74
25) Chloroform	5.093	83	6090	2.329	ug/L	99
39) cis-1,3-Dichloropropene	8.324	75	2927	1.176	ug/L	84
44) trans-1,3-Dichloropropene	8.952	75	1939	0.839	ug/L #	79
48) 2-Hexanone	9.397	43	12321	5.628	ug/L #	67
51) Chlorobenzene	10.079	112	349645	94.858	ug/L	96
64) 1,3-Dichlorobenzene	11.975	146	2526	0.938	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	9789	3.587	ug/L	96

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

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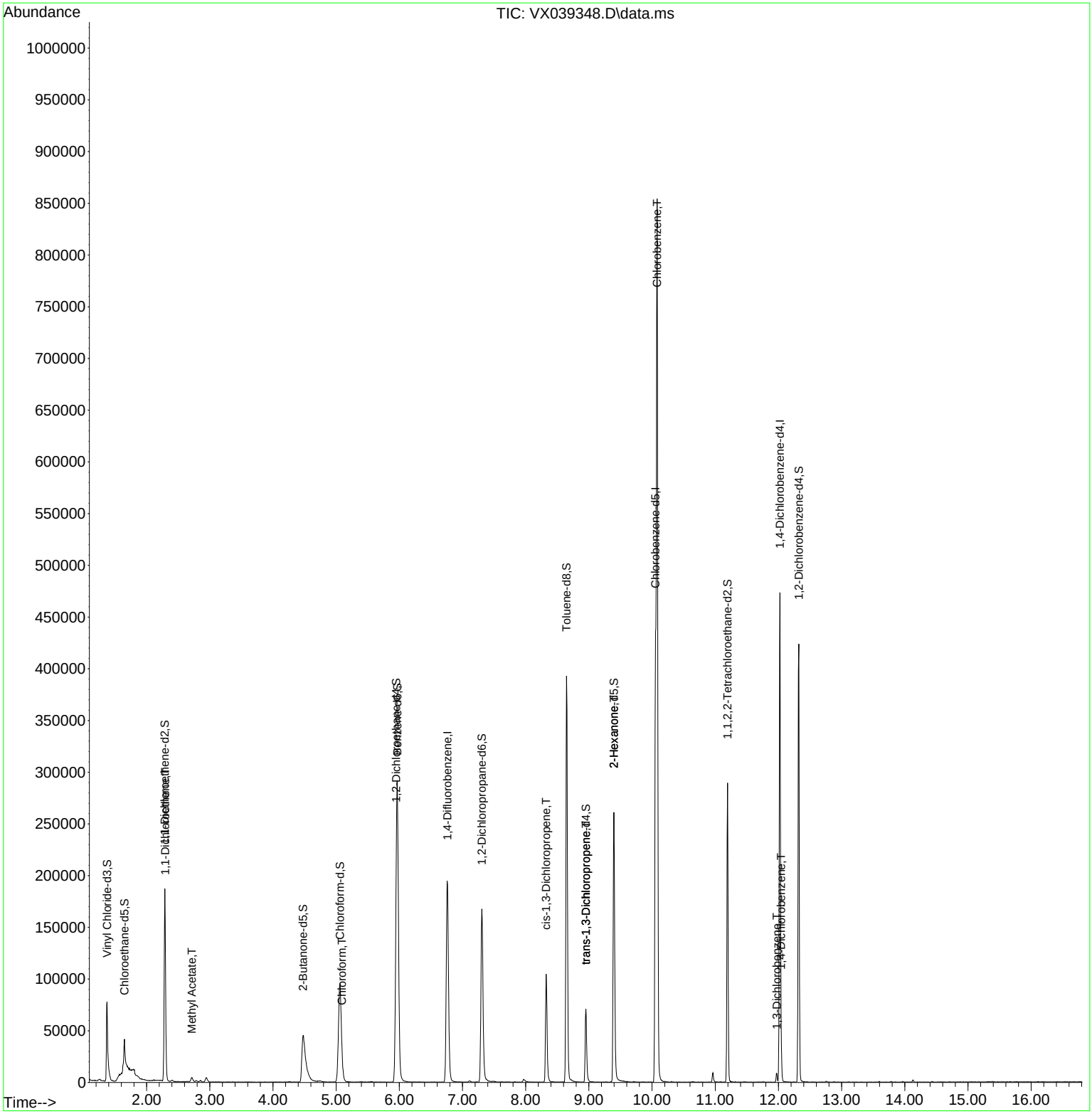
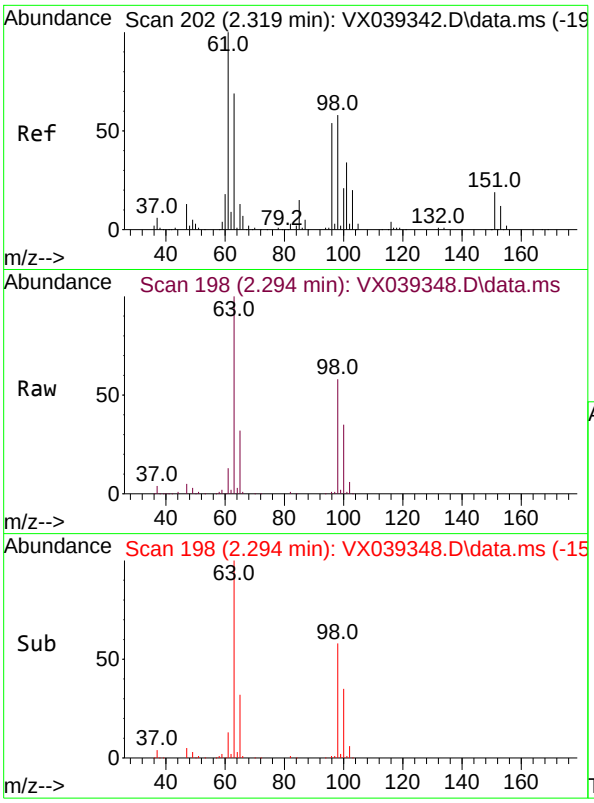
Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 22:04:04 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



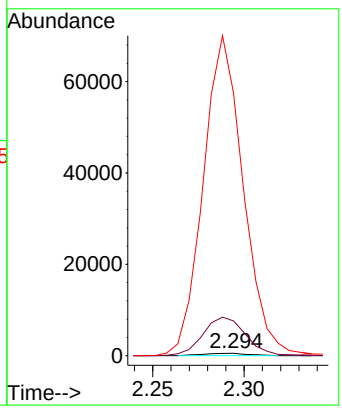


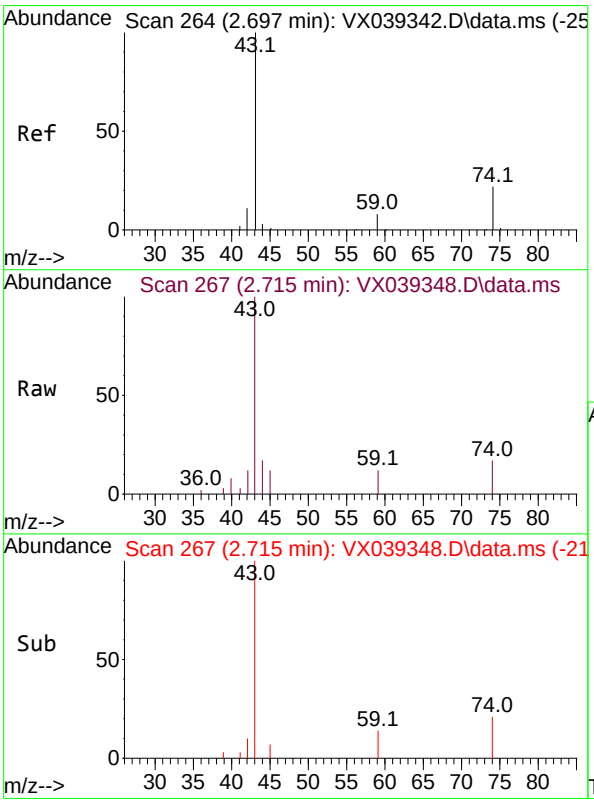
#12
1,1-Dichloroethene
Concen: 0.730 ug/L
RT: 2.294 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 919

Ion	Ratio	Lower	Upper
96	100		
61	1429.4	128.0	237.6#
63	10818.8	101.5	188.5#

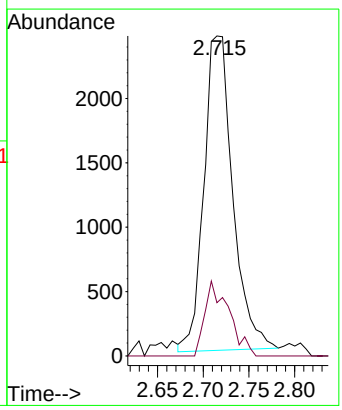


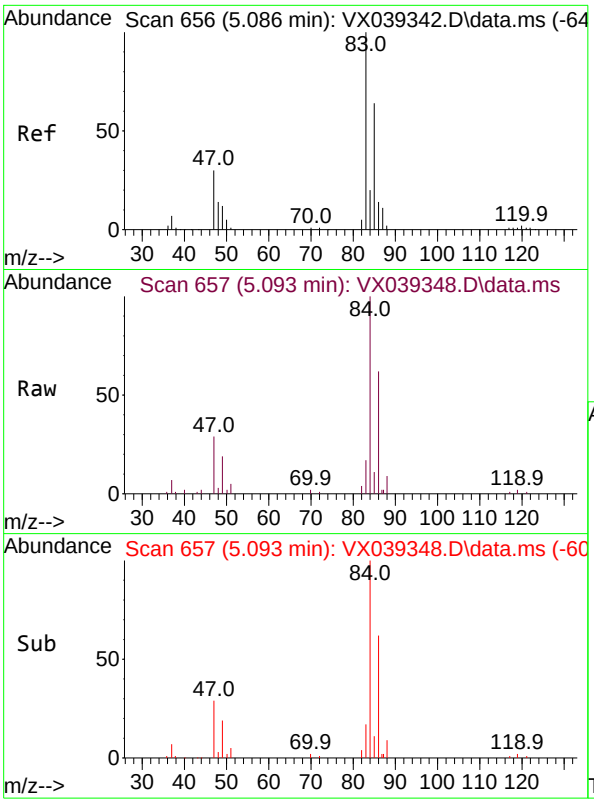


#15
Methyl Acetate
Concen: 2.817 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Tgt Ion: 43 Resp: 5364

Ion	Ratio	Lower	Upper
43	100		
74	10.4	18.2	27.4#



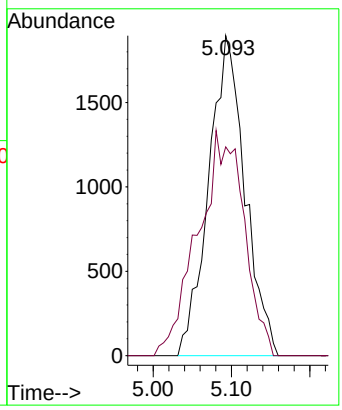


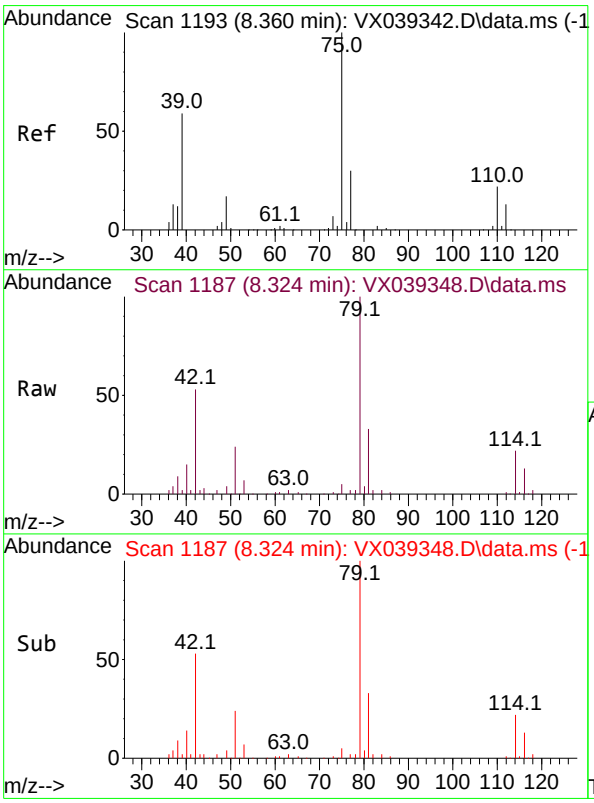
#25
Chloroform
Concen: 2.329 ug/L
RT: 5.093 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 6090

Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.1	83.7

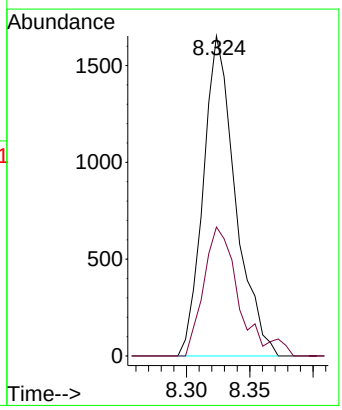


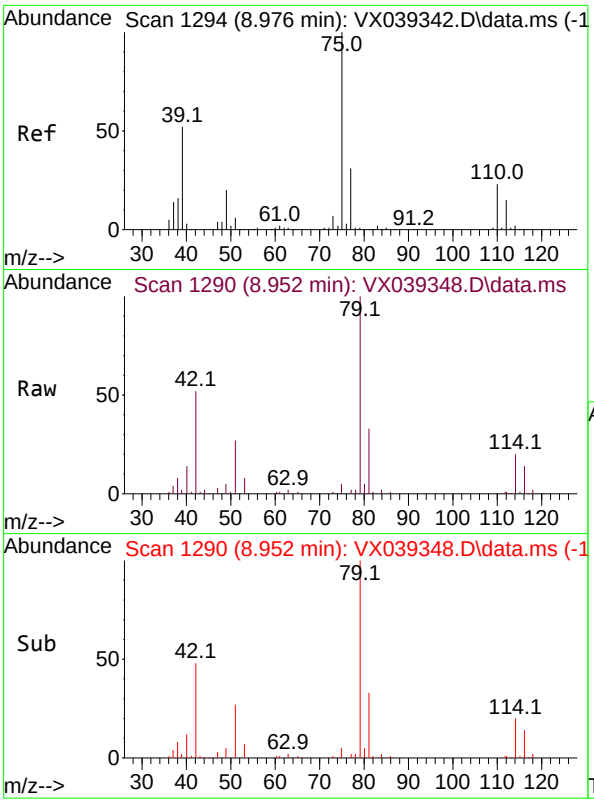


#39
cis-1,3-Dichloropropene
Concen: 1.176 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.037 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Tgt Ion: 75 Resp: 2927

Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.0	40.8



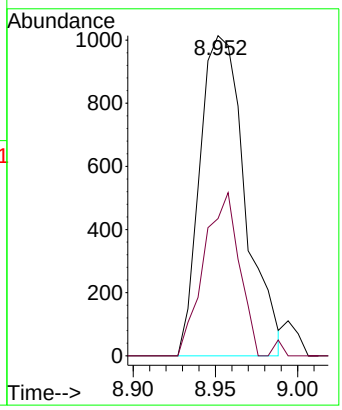


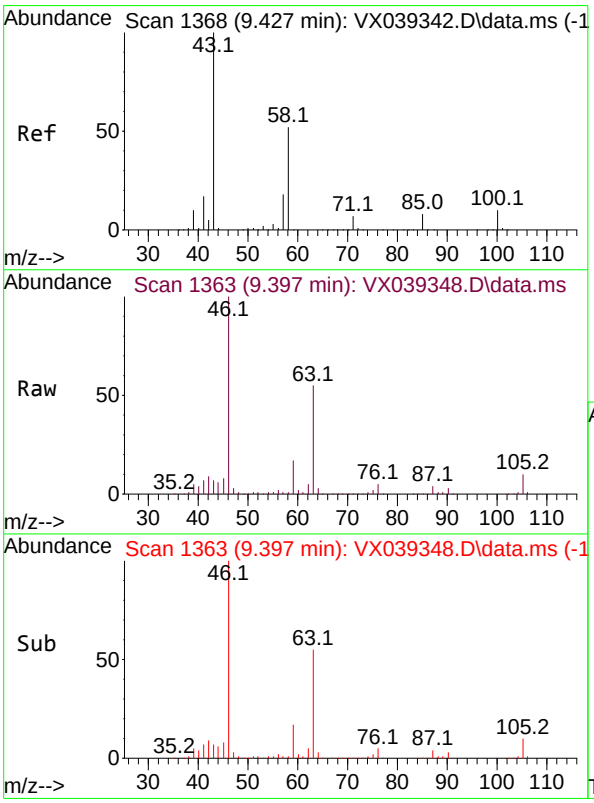
#44
trans-1,3-Dichloropropene
Concen: 0.839 ug/L
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1939

Ion	Ratio	Lower	Upper
75	100		
77	42.9	22.0	40.8#

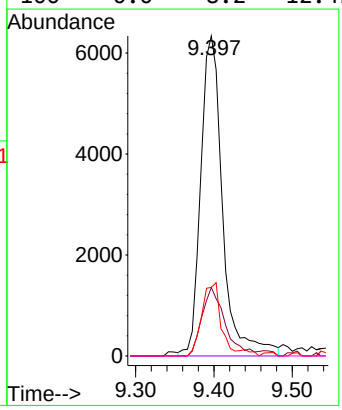


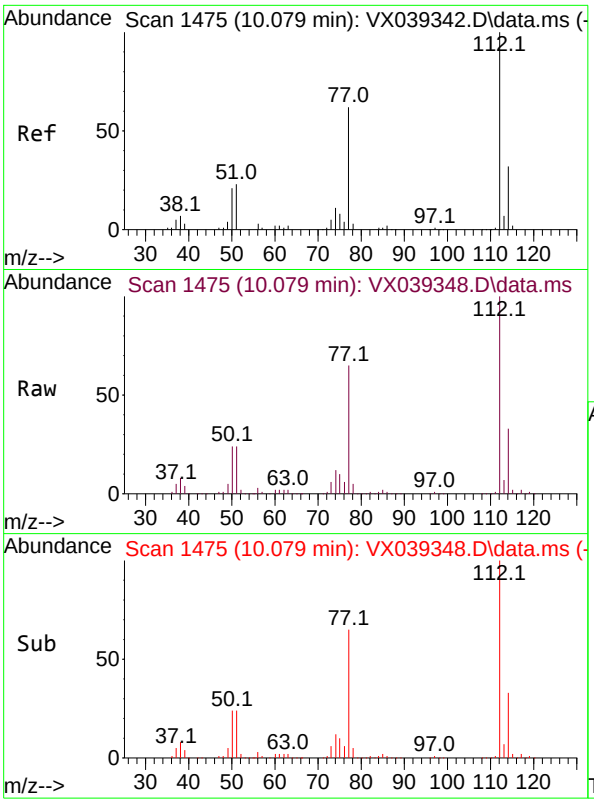


#48
2-Hexanone
Concen: 5.628 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.031 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Tgt Ion: 43 Resp: 12321

Ion	Ratio	Lower	Upper
43	100		
58	22.4	43.0	64.6#
57	19.7	14.6	21.8
100	0.0	8.2	12.4#



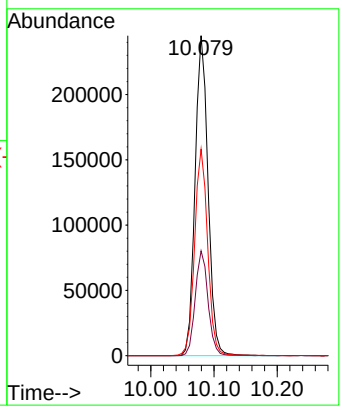


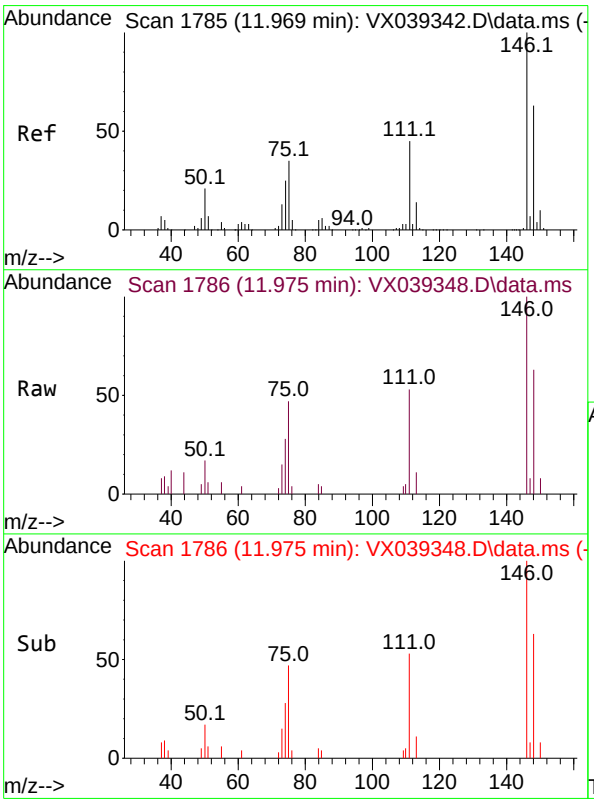
#51
Chlorobenzene
Concen: 94.858 ug/L
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 349645

Ion	Ratio	Lower	Upper
112	100		
114	32.8	21.8	40.4
77	64.6	49.0	73.6

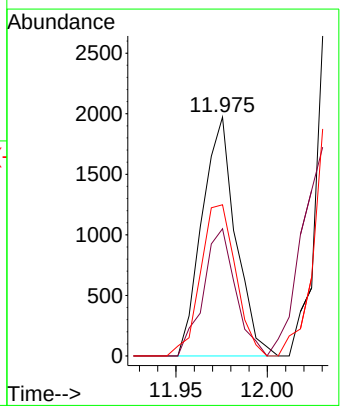


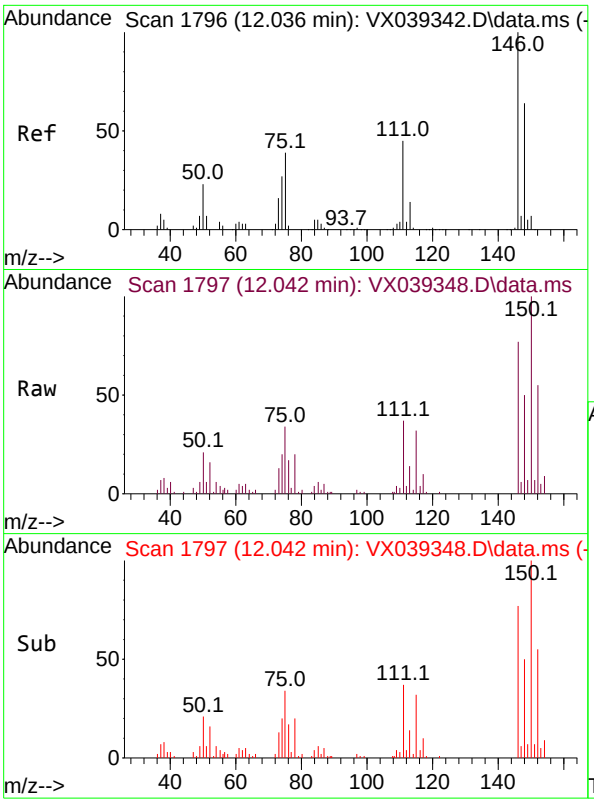


#64
1,3-Dichlorobenzene
Concen: 0.938 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Tgt Ion:146 Resp: 2526

Ion	Ratio	Lower	Upper
146	100		
111	53.2	30.0	55.6
148	63.3	44.2	82.0





#65
1,4-Dichlorobenzene
Concen: 3.587 ug/L
RT: 12.042 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039348.D
Acq: 19 Dec 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 9789

Ion	Ratio	Lower	Upper
146	100		
111	47.9	29.7	55.1
148	65.8	45.8	85.2