Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039356.D
Acq On : 19 Dec 2023 15:10
Operator : JC/MD
Sample : 05835-21
Misc : 5.33g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 22:05:55 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	209071	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	189202	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	91821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	74655	45.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.060%			
7) Chloroethane-d5	1.648	69	25892	21.362	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 42.720%#			
11) 1,1-Dichloroethene-d2	2.288	65	33687	46.799	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.600%			
21) 2-Butanone-d5	4.483	46	123406	83.136	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.140%			
24) Chloroform-d	5.056	84	127570	43.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.900%			
26) 1,2-Dichloroethane-d4	5.958	65	94837	50.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.900%			
32) Benzene-d6	5.970	84	281857	48.270	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.540%			
36) 1,2-Dichloropropane-d6	7.312	67	89415	47.583	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.160%			
41) Toluene-d8	8.647	98	246347	46.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.100%			
43) trans-1,3-Dichloroprop...	8.951	79	36436	38.102	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.200%			
47) 2-Hexanone-d5	9.397	63	91191	81.249	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.250%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	112757	42.298	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.600%			
66) 1,2-Dichlorobenzene-d4	12.323	152	81241	46.809	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.620%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.288	96	914	0.679	ug/L #	1
15) Methyl Acetate	2.715	43	2067	1.014	ug/L #	90
25) Chloroform	5.099	83	5353	1.913	ug/L	96
44) trans-1,3-Dichloropropene	8.958	75	1949	0.790	ug/L	91
48) 2-Hexanone	9.397	43	12594	5.384	ug/L #	68
65) 1,4-Dichlorobenzene	12.042	146	2894	0.994	ug/L	93
69) 1,3,5-Trichlorobenzene	13.597	180	1189	0.626	ug/L	88
72) 1,2,3-Trichlorobenzene	13.597	180	1189	0.686	ug/L	89

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

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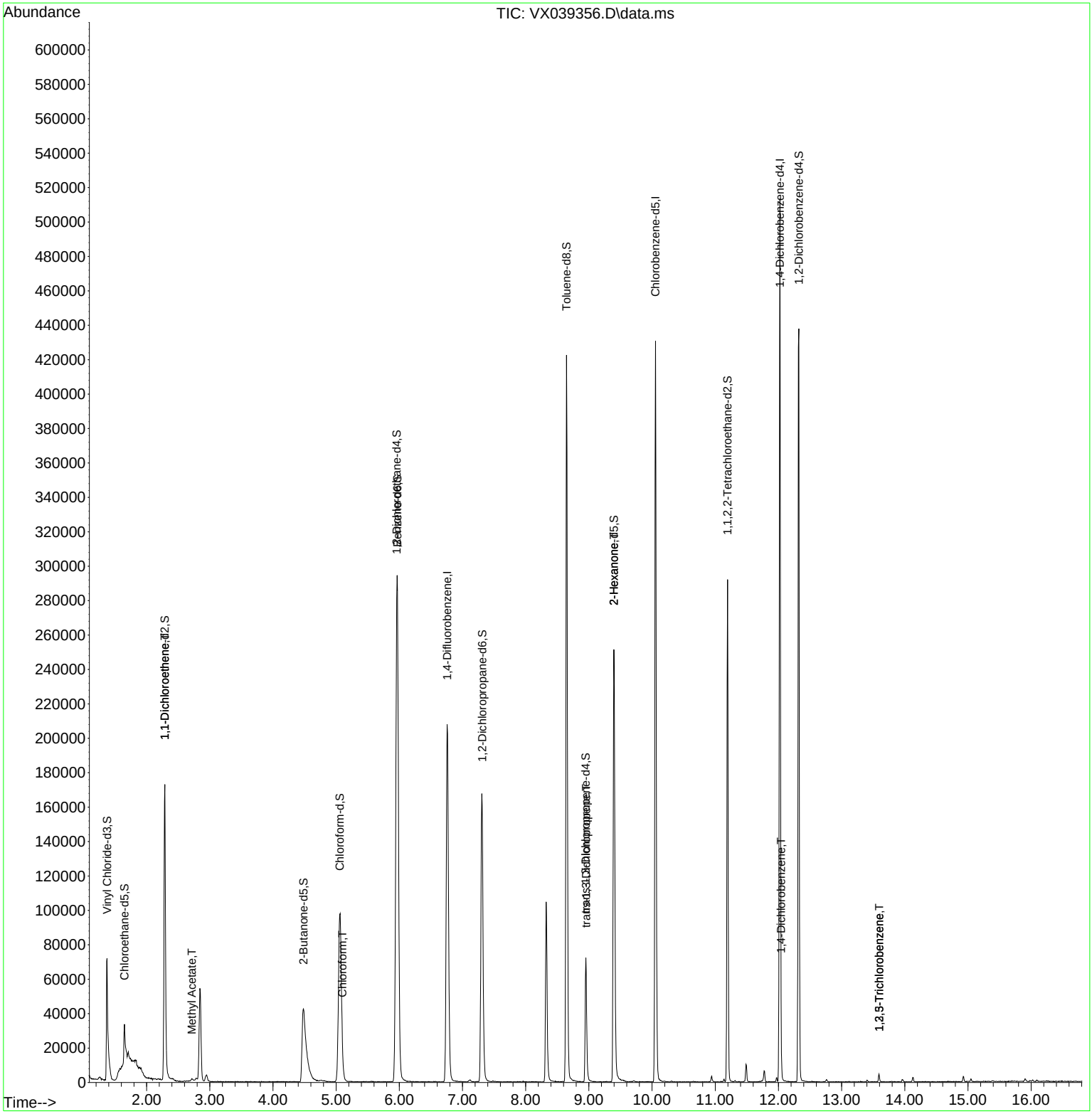
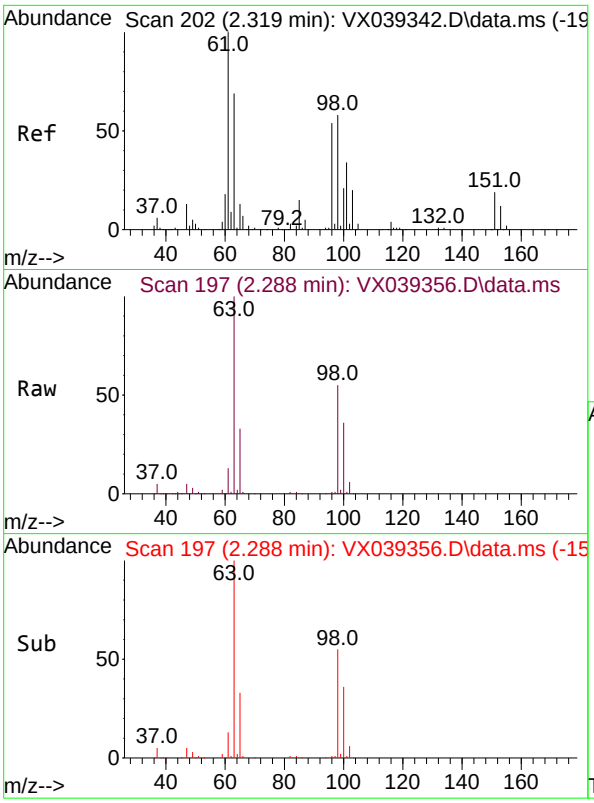
Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 22:05:55 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



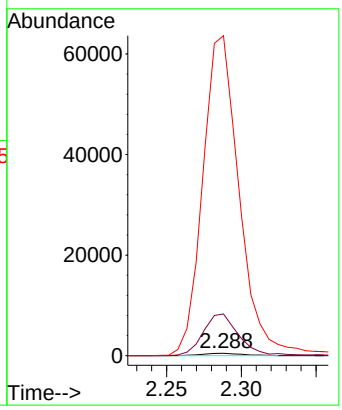


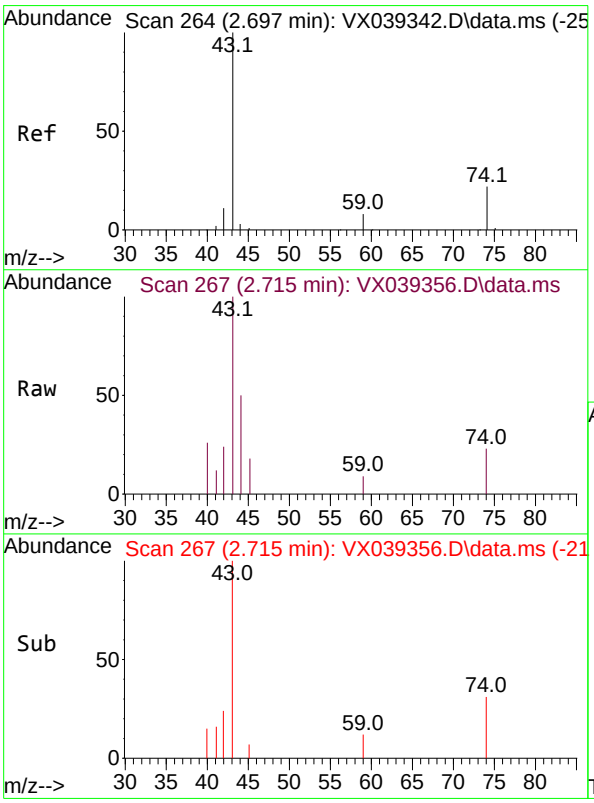
#12
1,1-Dichloroethene
Concen: 0.679 ug/L
RT: 2.288 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX039356.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 914

Ion	Ratio	Lower	Upper
96	100		
61	1688.8	128.0	237.6#
63	12935.0	101.5	188.5#

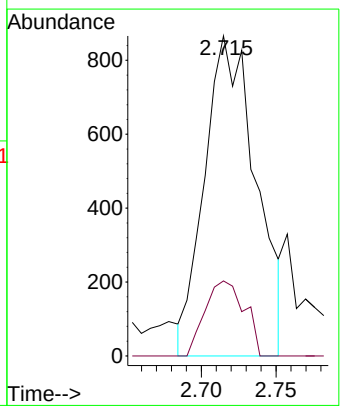


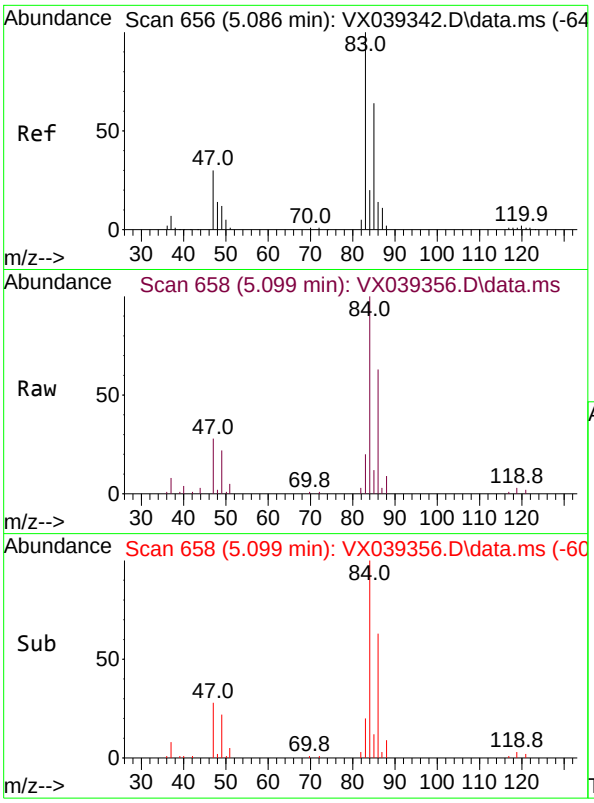


#15
Methyl Acetate
Concen: 1.014 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX039356.D
Acq: 19 Dec 2023 15:10

Tgt Ion: 43 Resp: 2067

Ion	Ratio	Lower	Upper
43	100		
74	18.0	18.2	27.4#



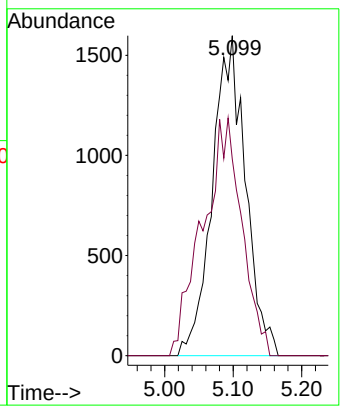


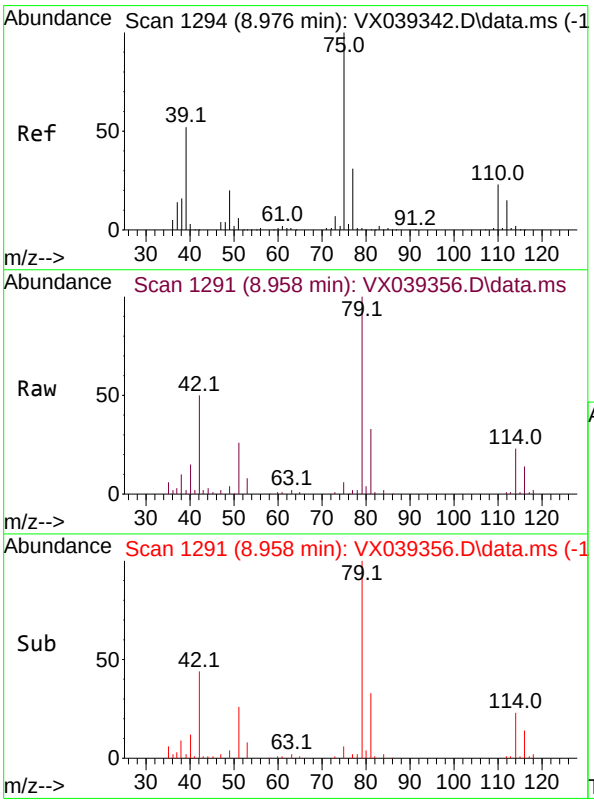
#25
Chloroform
Concen: 1.913 ug/L
RT: 5.099 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX039356.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 5353

Ion	Ratio	Lower	Upper
83	100		
85	61.5	45.1	83.7

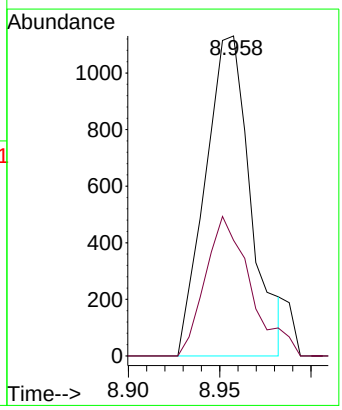


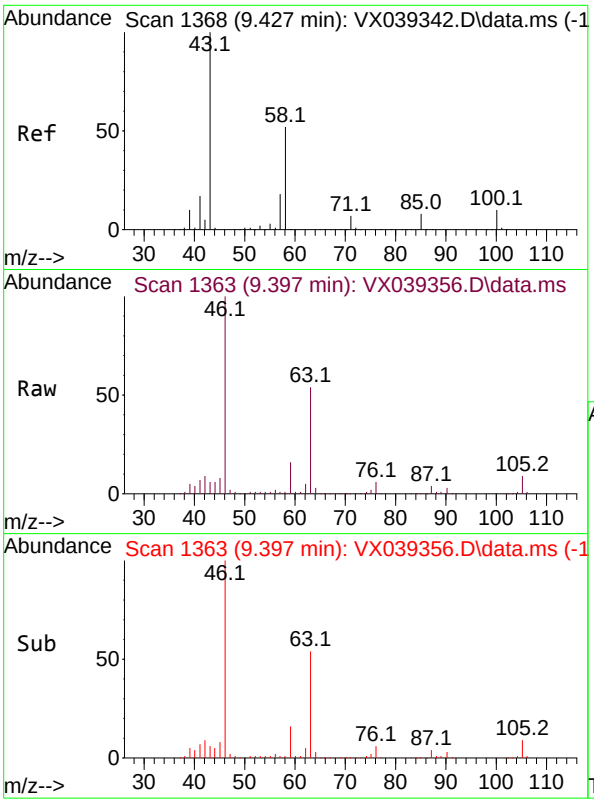


#44
trans-1,3-Dichloropropene
Concen: 0.790 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX039356.D
Acq: 19 Dec 2023 15:10

Tgt Ion: 75 Resp: 1949

Ion	Ratio	Lower	Upper
75	100		
77	36.2	22.0	40.8



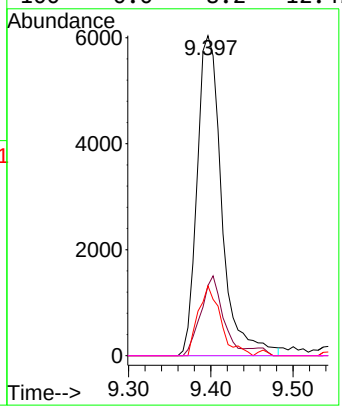


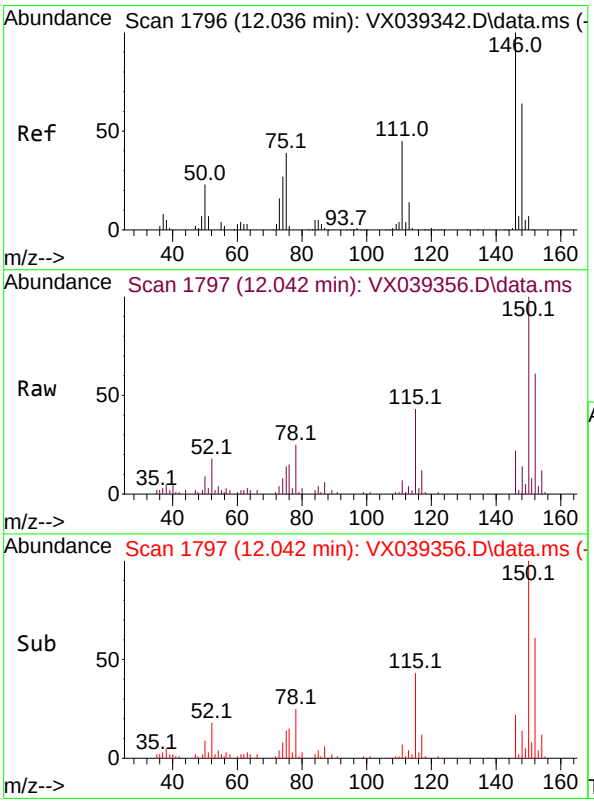
#48
2-Hexanone
Concen: 5.384 ug/L
RT: 9.397 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX039356.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 12594

Ion	Ratio	Lower	Upper
43	100		
58	22.5	43.0	64.6#
57	18.9	14.6	21.8
100	0.0	8.2	12.4#

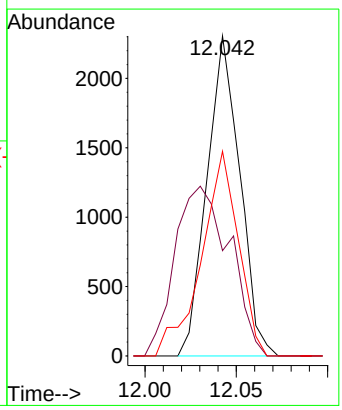


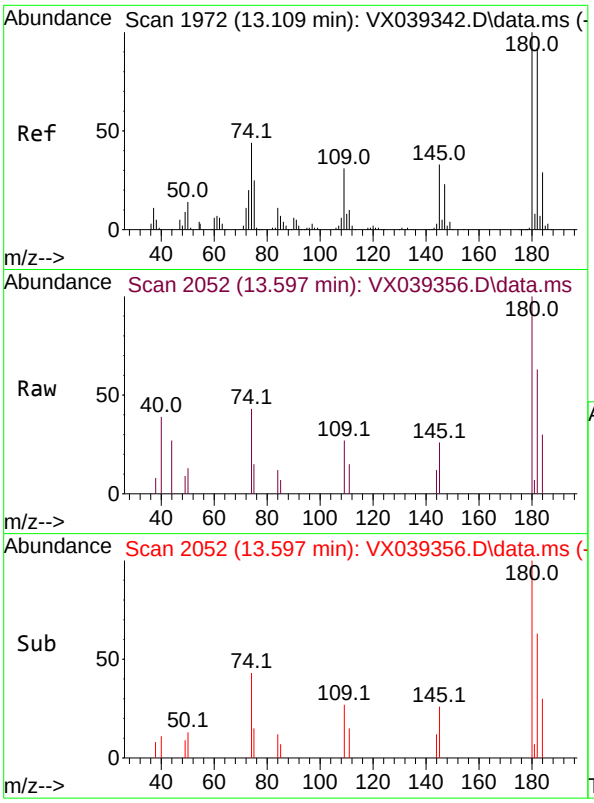


#65
1,4-Dichlorobenzene
Concen: 0.994 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039356.D
Acq: 19 Dec 2023 15:10

Tgt Ion:146 Resp: 2894

Ion	Ratio	Lower	Upper
146	100		
111	32.9	29.7	55.1
148	64.0	45.8	85.2



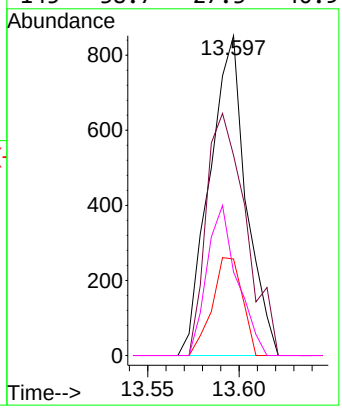


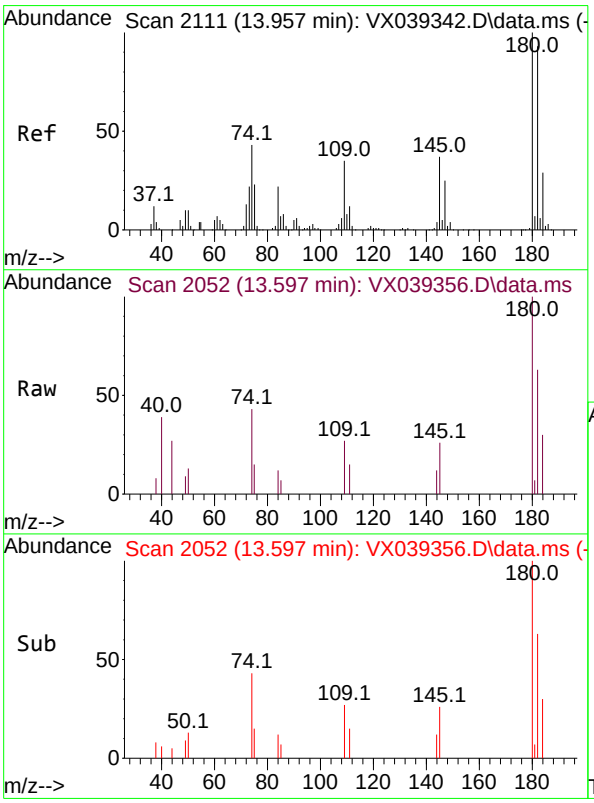
#69
1,3,5-Trichlorobenzene
Concen: 0.626 ug/L
RT: 13.597 min Scan# 2
Delta R.T. 0.488 min
Lab File: VX039356.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1189

Ion	Ratio	Lower	Upper
180	100		
182	81.7	76.1	114.1
184	25.2	24.1	36.1
145	38.7	27.3	40.9





#72
1,2,3-Trichlorobenzene
Concen: 0.686 ug/L
RT: 13.597 min Scan# 2052
Delta R.T. -0.360 min
Lab File: VX039356.D
Acq: 19 Dec 2023 15:10

Tgt Ion:180 Resp: 1189

Ion	Ratio	Lower	Upper
180	100		
182	81.7	75.9	113.9
145	38.7	28.6	42.8