Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039352.D
Acq On : 19 Dec 2023 13:39
Operator : JC/MD
Sample : 05835-16DL 5X
Misc : 4.62g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 22:05:00 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	185132	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	174267	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88978	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68036	46.854	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.700%			
7) Chloroethane-d5	1.648	69	46200	43.045	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.080%			
11) 1,1-Dichloroethene-d2	2.301	65	32206	50.527	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.060%			
21) 2-Butanone-d5	4.453	46	120473	91.655	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.660%			
24) Chloroform-d	5.056	84	120033	46.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	5.952	65	87567	52.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.200%			
32) Benzene-d6	5.971	84	257249	47.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.660%			
36) 1,2-Dichloropropane-d6	7.306	67	82342	47.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.140%			
41) Toluene-d8	8.647	98	226942	46.563	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.120%			
43) trans-1,3-Dichloroprop...	8.952	79	35239	40.008	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.020%			
47) 2-Hexanone-d5	9.385	63	89980	87.041	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.040%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	114061	46.454	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.900%			
66) 1,2-Dichlorobenzene-d4	12.317	152	78360	46.592	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.180%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	942	0.743	ug/L #	21
12) 1,1-Dichloroethene	2.307	96	790	0.662	ug/L #	1
15) Methyl Acetate	2.703	43	1945	1.078	ug/L #	83
37) 1,2-Dichloropropane	7.306	63	9488	6.177	ug/L #	89
44) trans-1,3-Dichloropropene	8.946	75	1913	0.842	ug/L #	66
51) Chlorobenzene	10.080	112	189278	52.178	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	3434	1.218	ug/L	92

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

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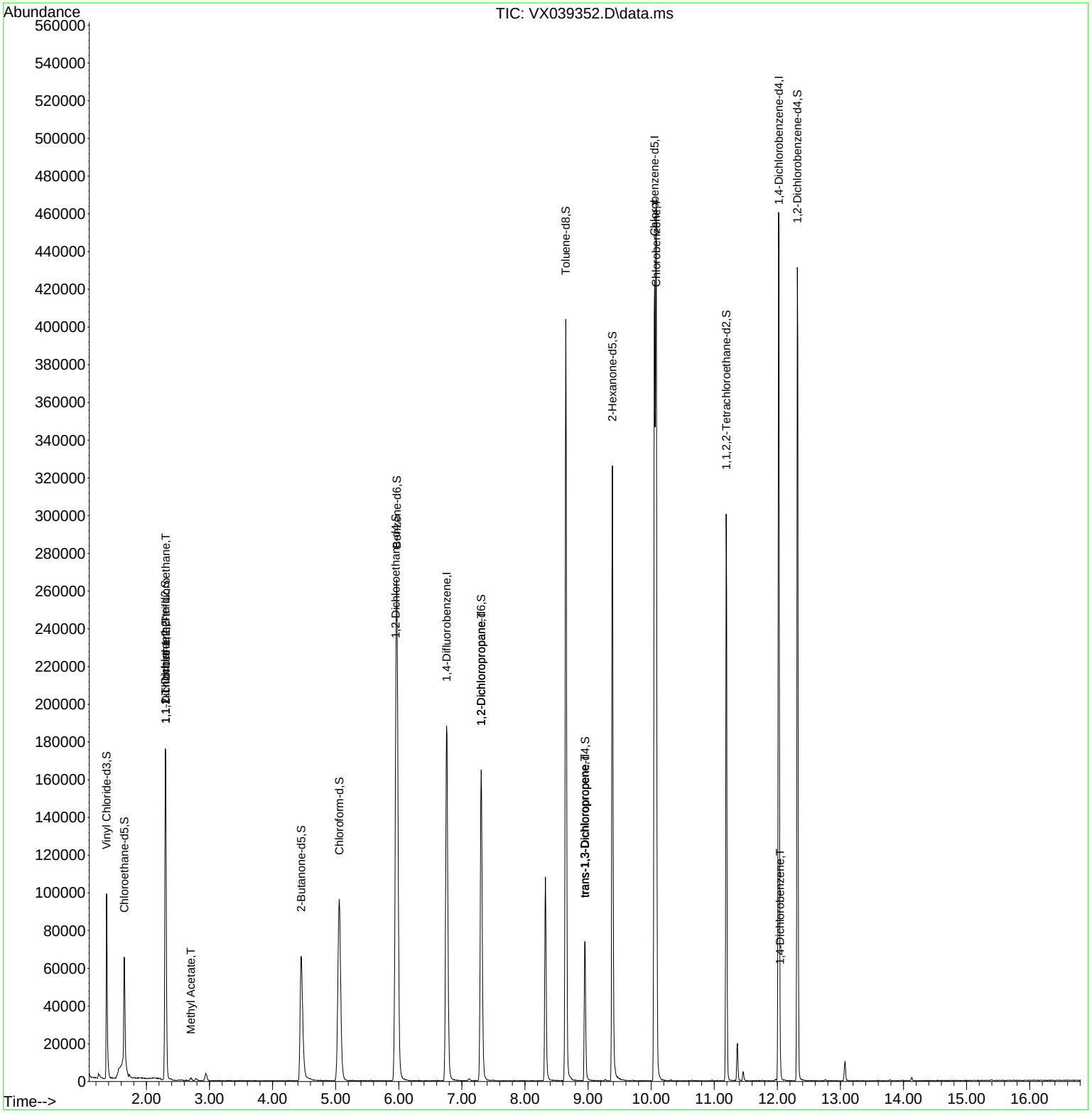
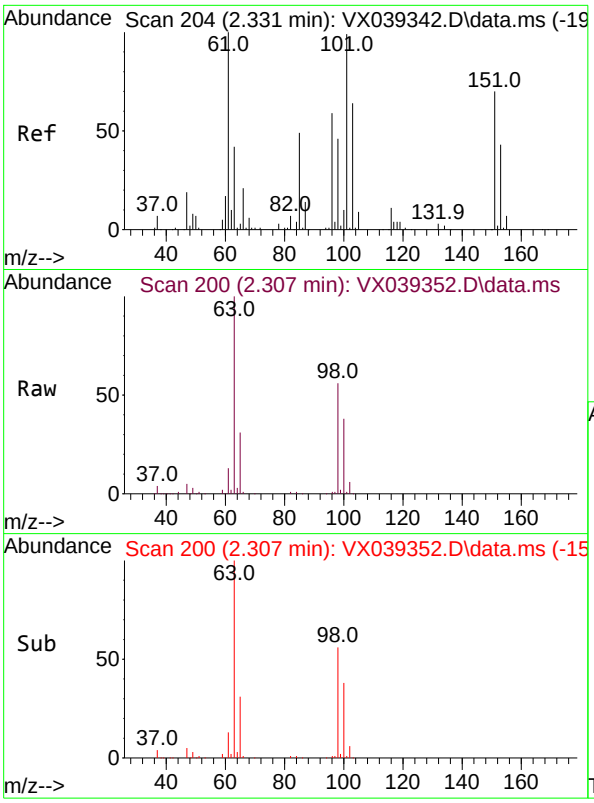
Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration



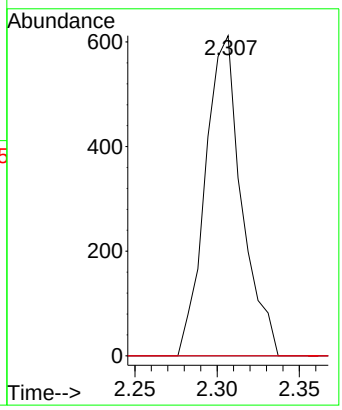


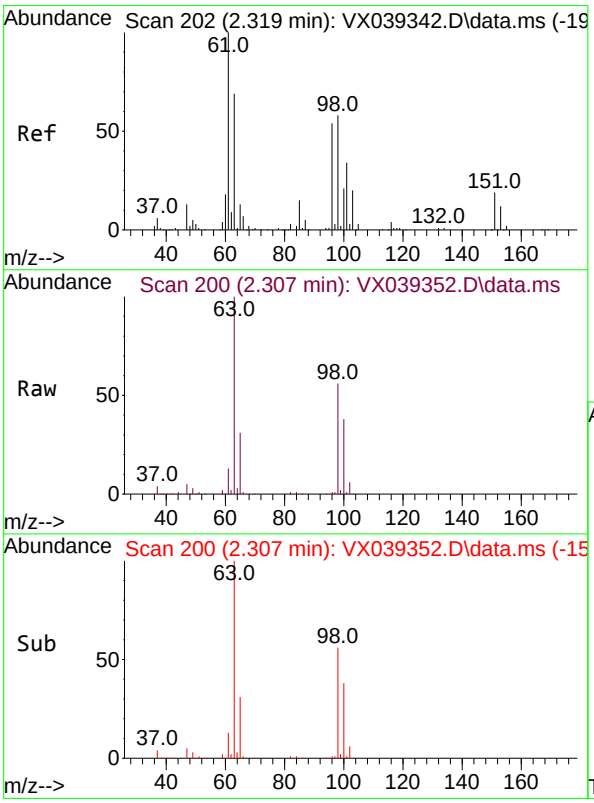
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.743 ug/L
RT: 2.307 min Scan# 2(
Delta R.T. -0.024 min
Lab File: VX039352.D
Acq: 19 Dec 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 942

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

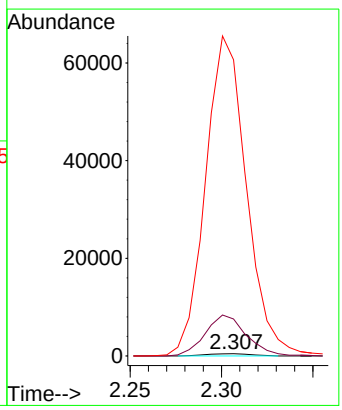


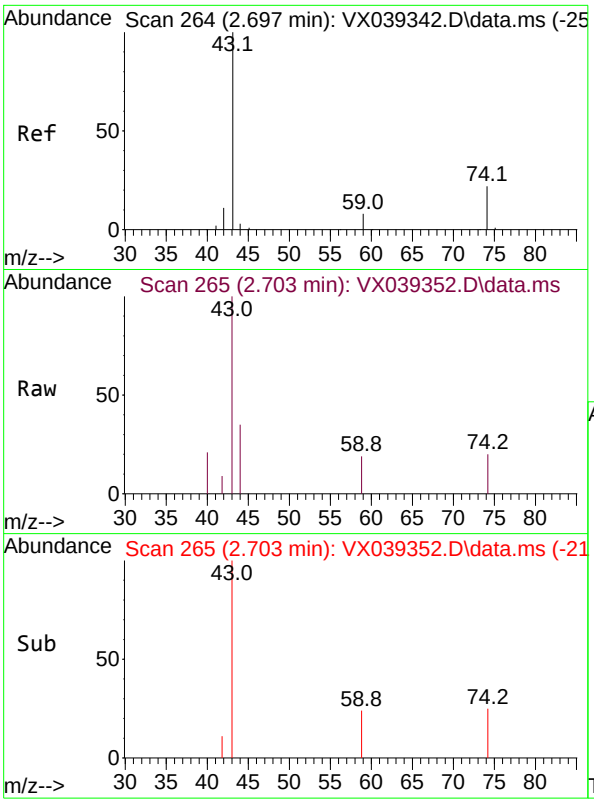


#12
1,1-Dichloroethene
Concen: 0.662 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039352.D
Acq: 19 Dec 2023 13:39

Tgt Ion: 96 Resp: 790

Ion	Ratio	Lower	Upper
96	100		
61	1692.4	128.0	237.6#
63	13535.7	101.5	188.5#



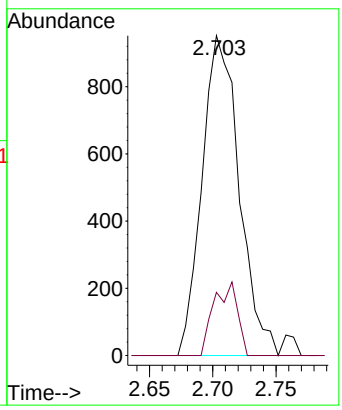


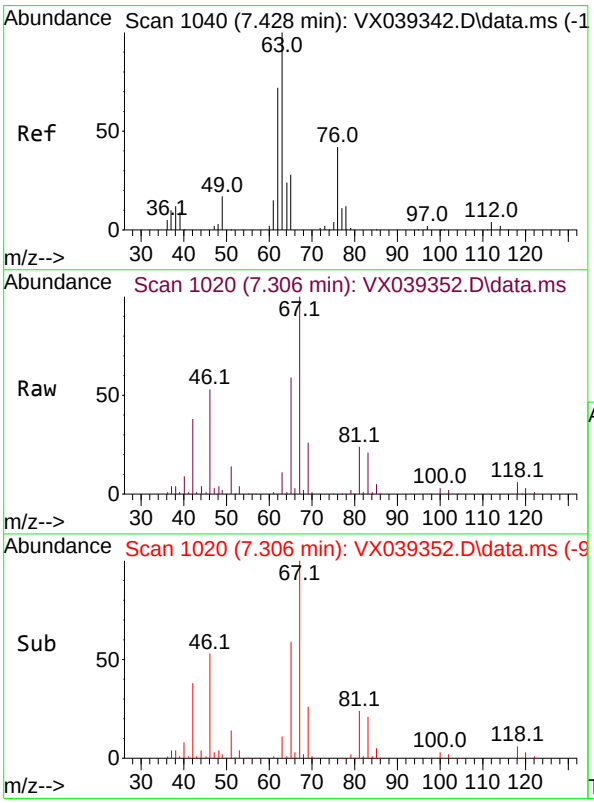
#15
Methyl Acetate
Concen: 1.078 ug/L
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX039352.D
Acq: 19 Dec 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1945

Ion	Ratio	Lower	Upper
43	100		
74	14.6	18.2	27.4#

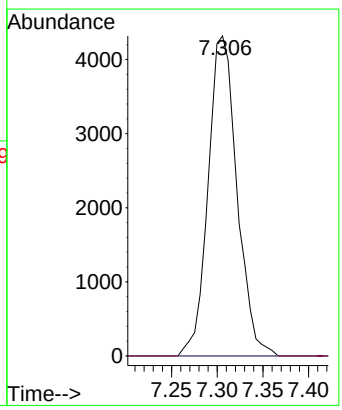


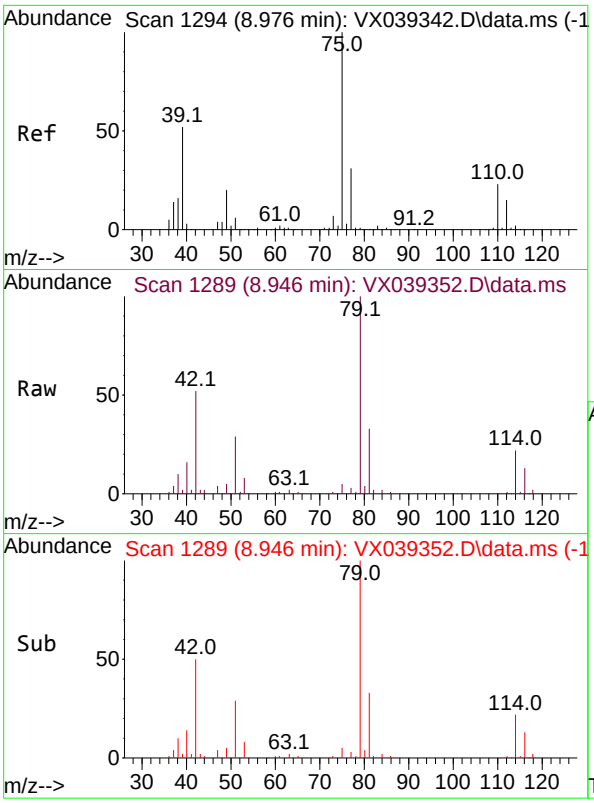


#37
1,2-Dichloropropane
Concen: 6.177 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039352.D
Acq: 19 Dec 2023 13:39

Tgt Ion: 63 Resp: 9488

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



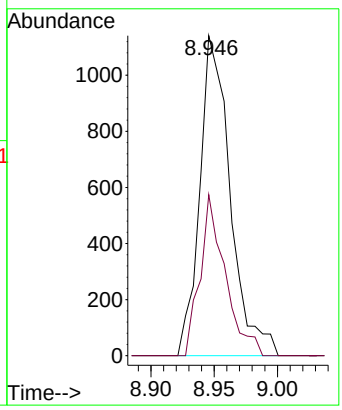


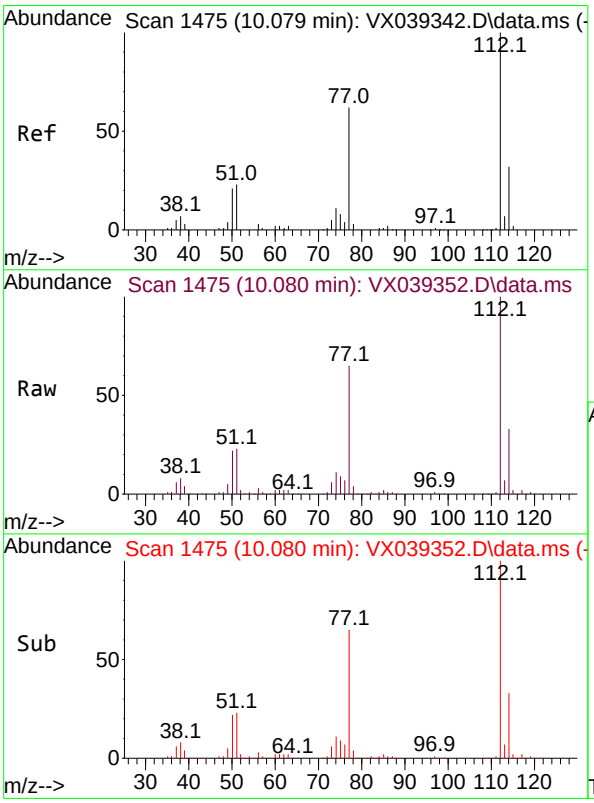
#44
trans-1,3-Dichloropropene
Concen: 0.842 ug/L
RT: 8.946 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX039352.D
Acq: 19 Dec 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1913

Ion	Ratio	Lower	Upper
75	100		
77	50.3	22.0	40.8#

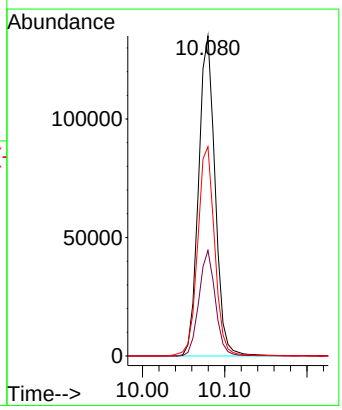


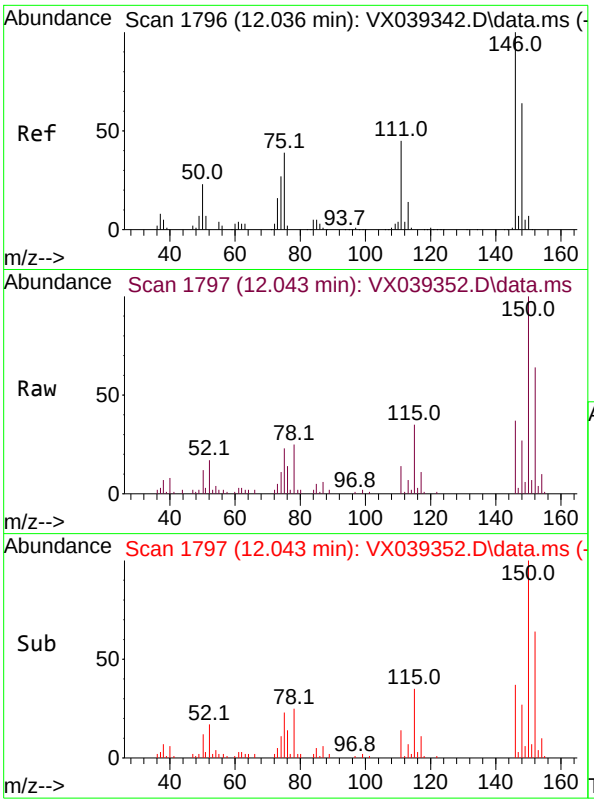


#51
Chlorobenzene
Concen: 52.178 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039352.D
Acq: 19 Dec 2023 13:39

Tgt Ion:112 Resp: 189278

Ion	Ratio	Lower	Upper
112	100		
114	33.0	21.8	40.4
77	65.4	49.0	73.6





#65
1,4-Dichlorobenzene
Concen: 1.218 ug/L
RT: 12.043 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039352.D
Acq: 19 Dec 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 3434

Ion	Ratio	Lower	Upper
146	100		
111	37.8	29.7	55.1
148	72.8	45.8	85.2