Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056843.D
Acq On : 14 Dec 2023 16:53
Operator : MD/SY
Sample : 05684-04DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:54:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 00:49:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	218341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	226525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62057	3.316	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.400%			
7) Chloroethane-d5	1.911	69	57090	4.076	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.600%			
11) 1,1-Dichloroethene-d2	2.563	65	29447	3.677	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.600%			
20) 2-Butanone-d5	4.624	46	209354	56.643	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.280%			
24) Chloroform-d	5.055	84	163644	4.617	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	5.698	65	80842	4.820	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.721	84	290036	4.128	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.600%			
36) 1,2-Dichloropropane-d6	6.682	67	97913	4.452	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.000%			
41) Toluene-d8	7.894	98	225267	3.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.800%			
43) trans-1,3-Dichloroprop...	8.177	79	33444	3.921	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.400%			
46) 2-Hexanone-d5	8.631	63	148529	46.176	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.360%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77976	4.901	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	87791	4.752	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.000%			
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	18416	0.954	ug/L	96
35) Methylcyclohexane	6.682	83	23216	0.720	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11024	0.541	ug/L #	88
48) 2-Hexanone	8.682	43	7564	1.098	ug/L #	39
51) Chlorobenzene	9.444	112	22566	0.430	ug/L	100
61) 1,2,3-Trichloropropane	11.743	75	9870	0.978	ug/L #	50
64) 1,3-Dichlorobenzene	11.743	146	27136	0.772	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	87006	2.515	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	105513	3.297	ug/L	98

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

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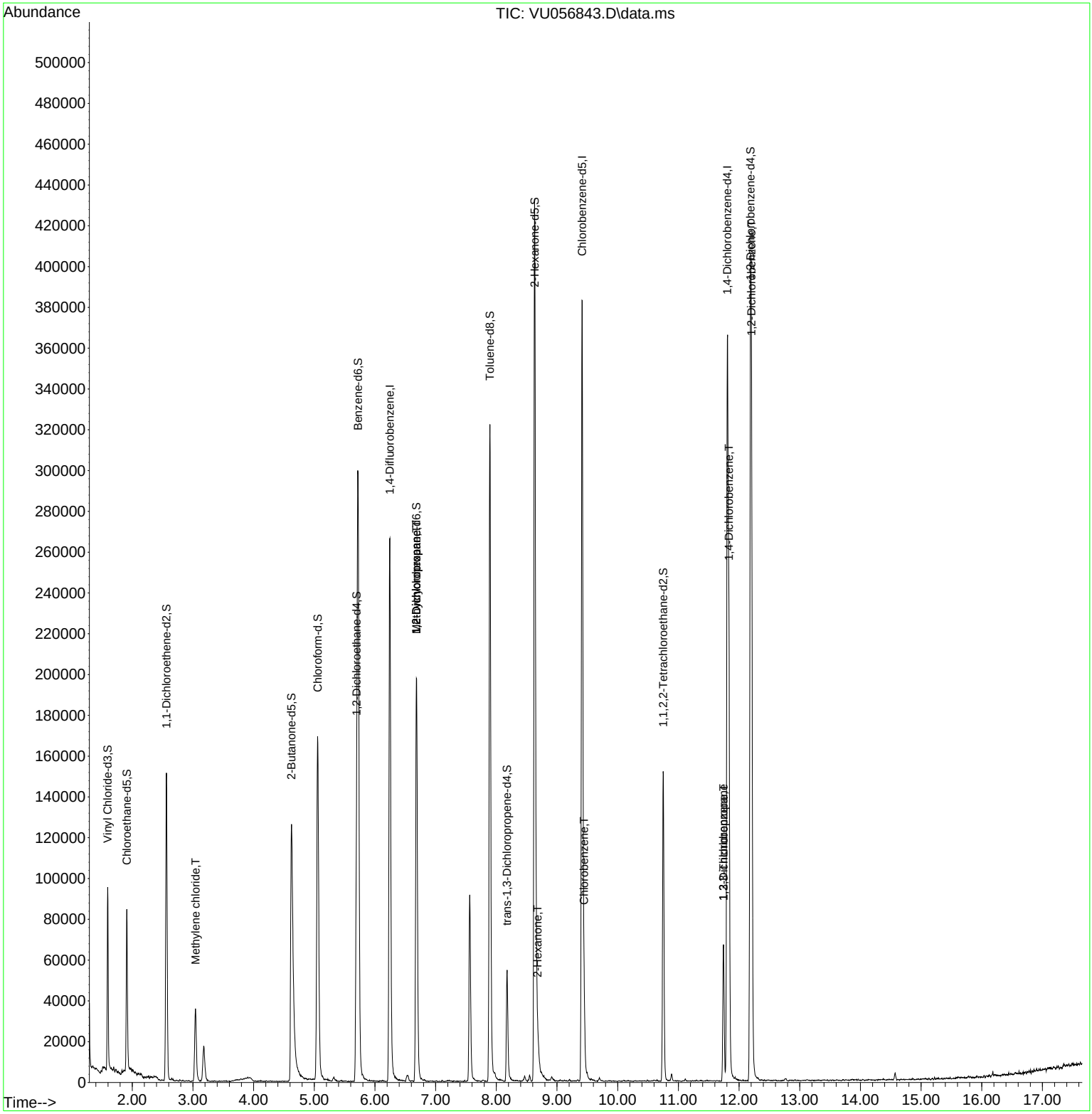
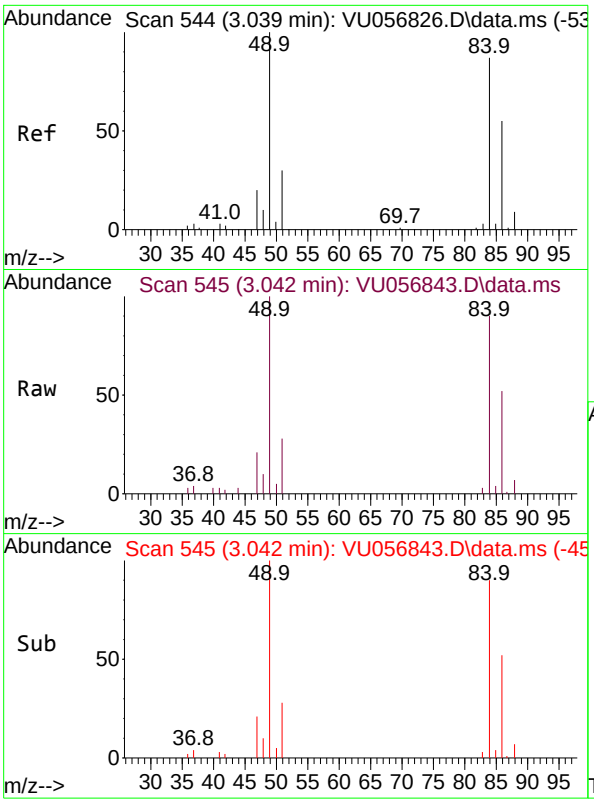
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 00:49:12 2023
Response via : Initial Calibration



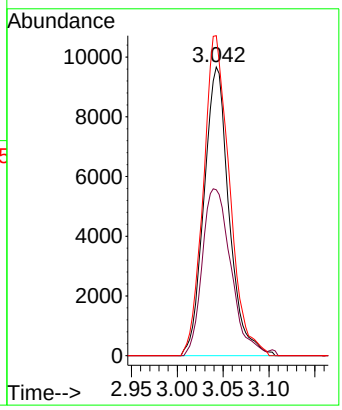


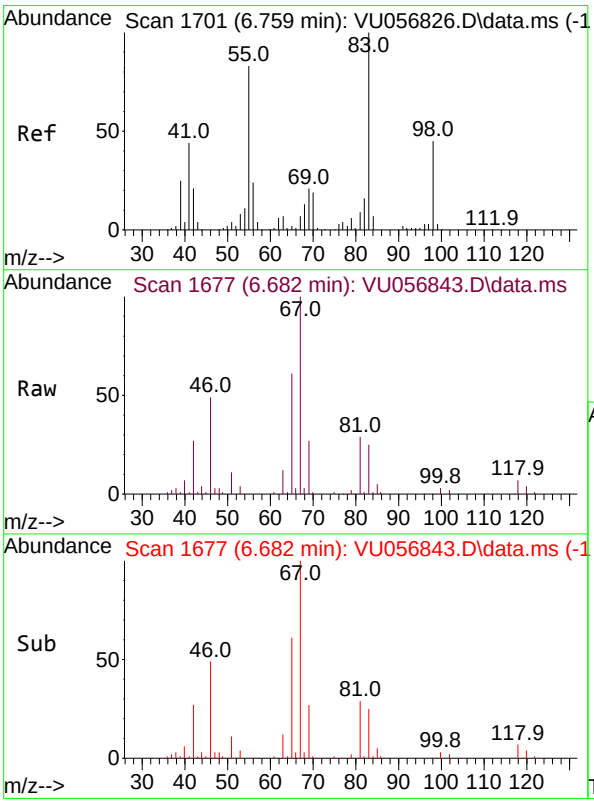
#16
Methylene chloride
Concen: 0.954 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 18416

Ion	Ratio	Lower	Upper
84	100		
86	58.6	43.6	81.0
49	110.8	80.6	149.6

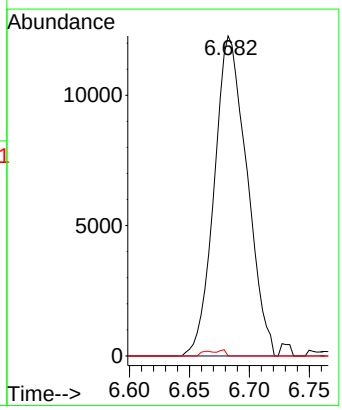


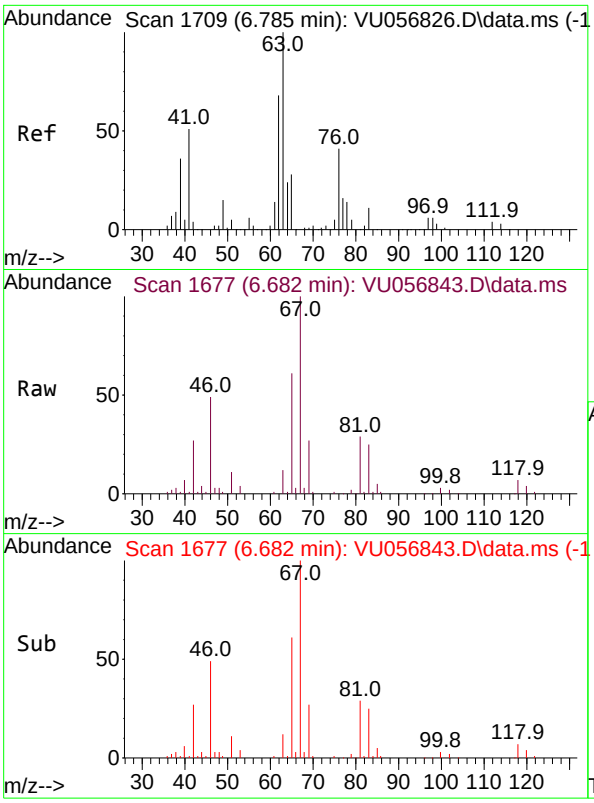


#35
Methylcyclohexane
Concen: 0.720 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Tgt Ion: 83 Resp: 23216

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	0.4	36.1	54.1#



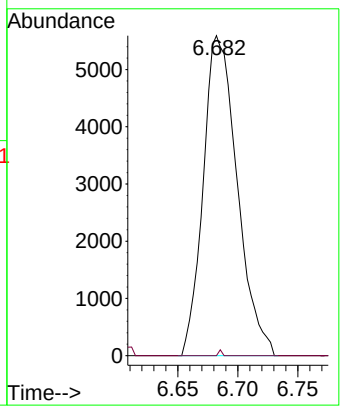


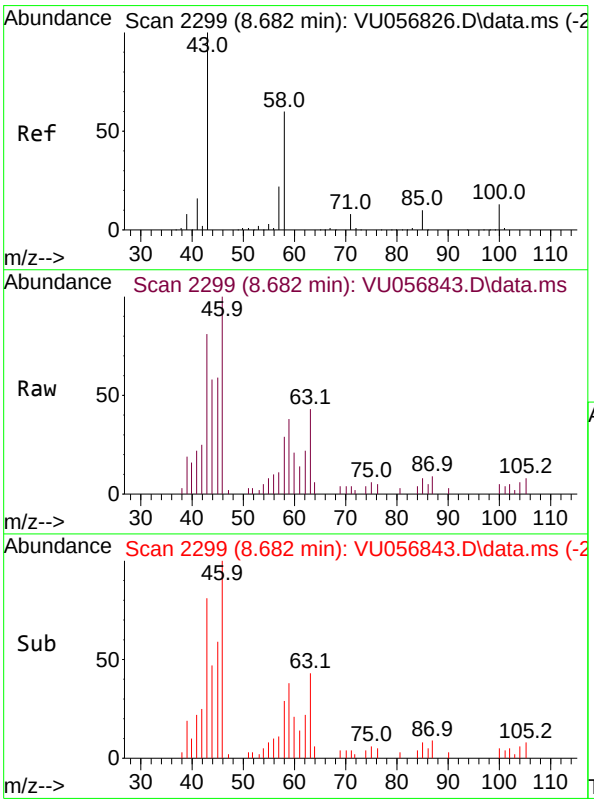
#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11024

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#

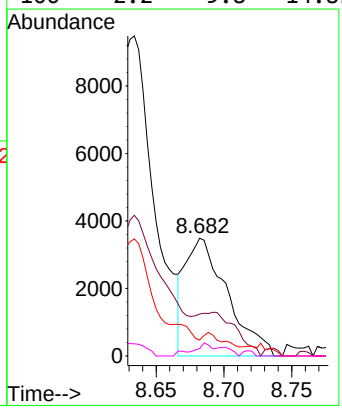


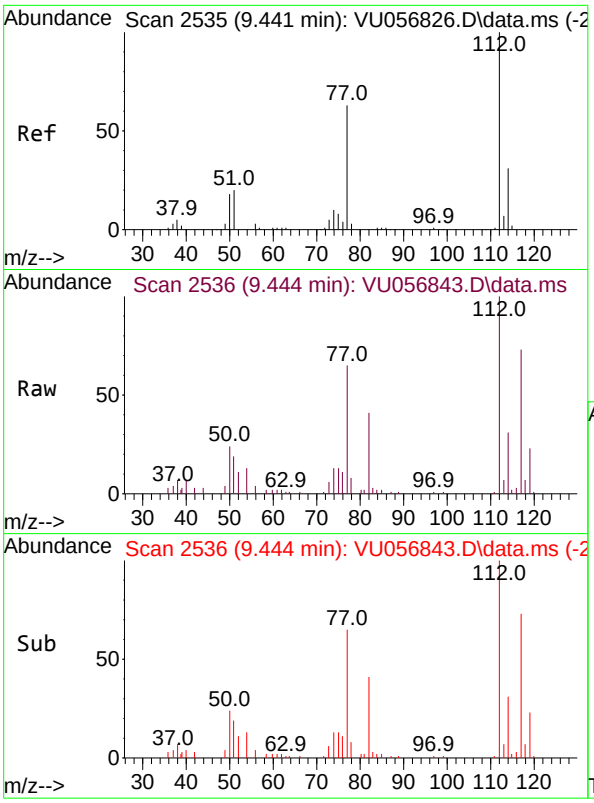


#48
2-Hexanone
Concen: 1.098 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Tgt Ion: 43 Resp: 7564

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#
57	5.6	17.0	25.4#
100	2.2	9.8	14.8#



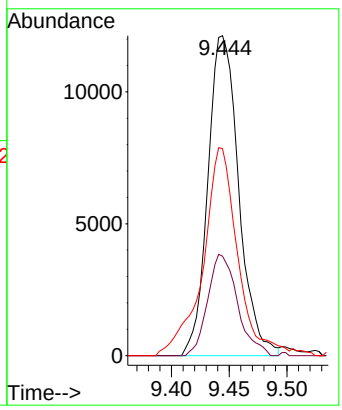


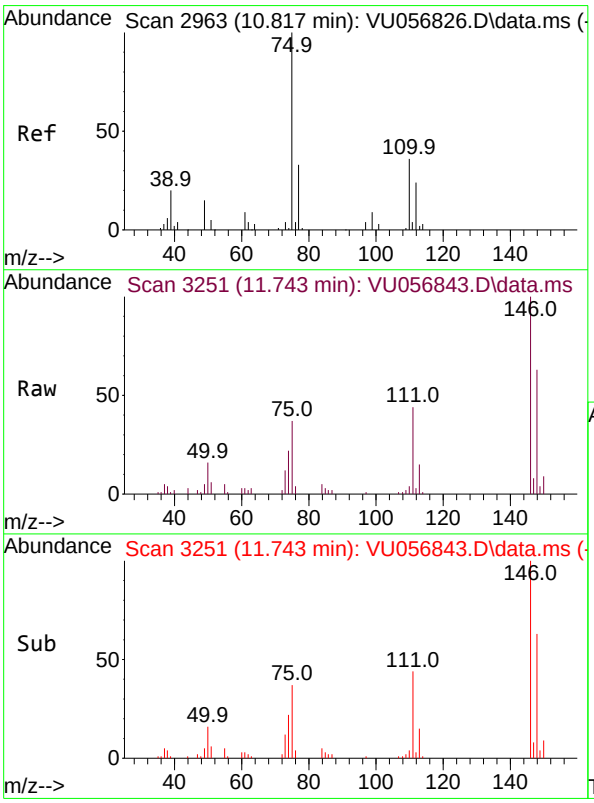
#51
Chlorobenzene
Concen: 0.430 ug/L
RT: 9.444 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 22566

Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.9	40.7
77	64.7	51.6	77.4

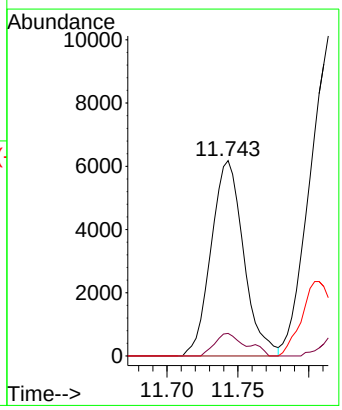


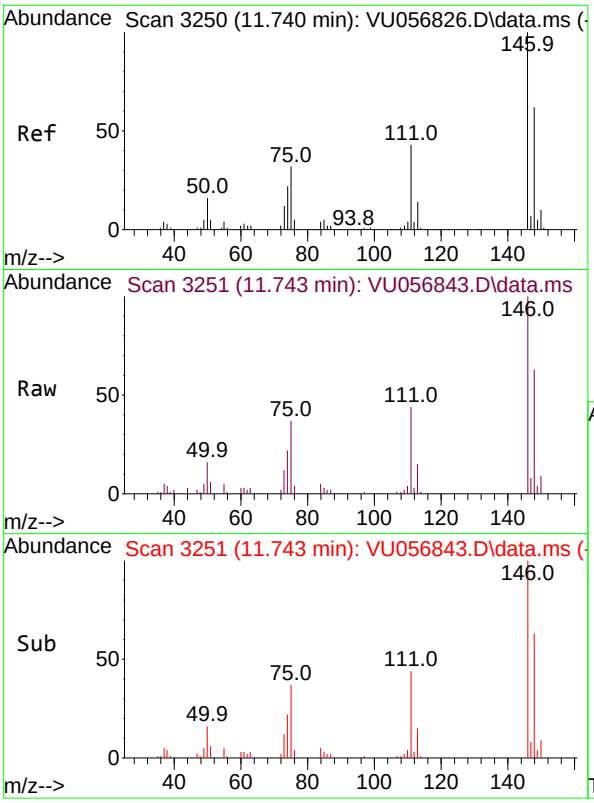


#61
1,2,3-Trichloropropane
Concen: 0.978 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.926 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Tgt Ion: 75 Resp: 9870

Ion	Ratio	Lower	Upper
75	100		
110	11.1	28.4	42.6#
77	0.0	26.3	39.5#



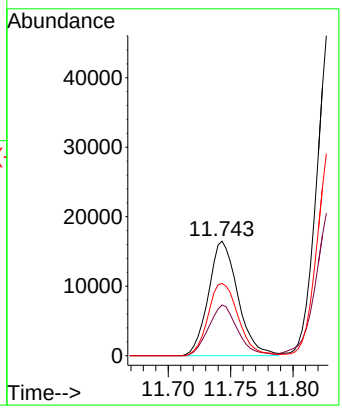


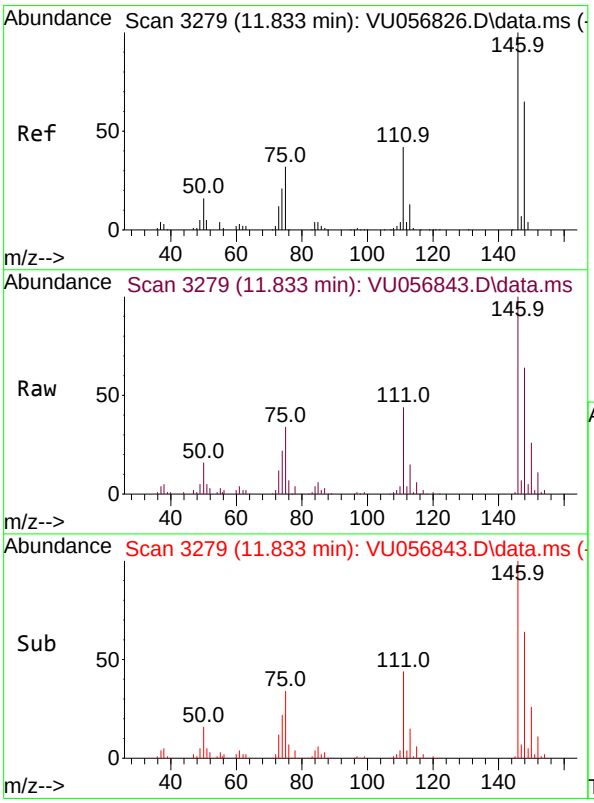
#64
1,3-Dichlorobenzene
Concen: 0.772 ug/L
RT: 11.743 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 27136

Ion	Ratio	Lower	Upper
146	100		
111	44.3	31.7	58.9
148	63.0	44.3	82.3

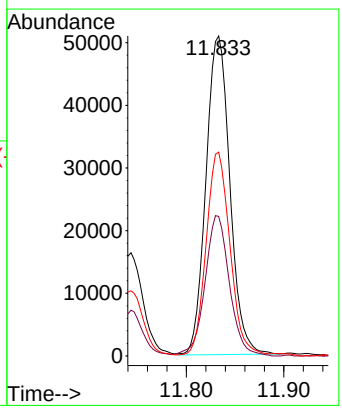


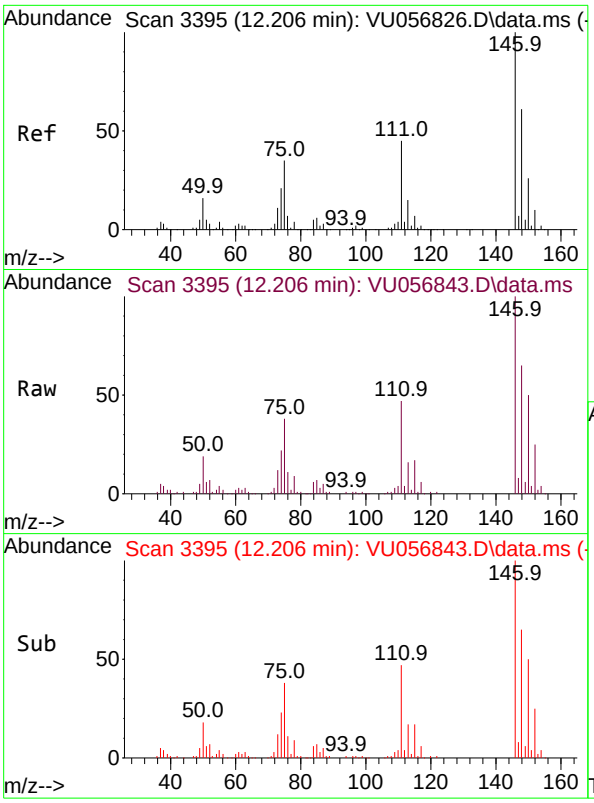


#65
1,4-Dichlorobenzene
Concen: 2.515 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Tgt Ion:146 Resp: 87006

Ion	Ratio	Lower	Upper
146	100		
111	43.6	31.2	58.0
148	63.7	45.6	84.8





#67
1,2-Dichlorobenzene
Concen: 3.297 ug/L
RT: 12.206 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 105513

Ion	Ratio	Lower	Upper
146	100		
111	46.8	36.9	55.3
148	64.6	53.0	79.4