Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056888.D
Acq On : 15 Dec 2023 18:49
Operator : MD/SY
Sample : 05864-09DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 22:27:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	213670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	219684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	81292	4.438	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.800%			
7) Chloroethane-d5	1.907	69	65904	4.809	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.200%			
11) 1,1-Dichloroethene-d2	2.560	65	35744	4.561	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.200%			
20) 2-Butanone-d5	4.621	46	190375	52.634	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.260%			
24) Chloroform-d	5.055	84	174312	5.026	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.695	65	86071	5.244	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.800%			
32) Benzene-d6	5.721	84	329021	4.829	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	6.685	67	106073	4.974	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.400%			
41) Toluene-d8	7.894	98	262336	4.308	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	8.174	79	37522	4.537	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.800%			
46) 2-Hexanone-d5	8.630	63	154534	49.539	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.080%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79911	5.179	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	105566	5.380	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.600%			
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	21319	1.128	ug/L	99
35) Methylcyclohexane	6.685	83	26180	0.838	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11914	0.603	ug/L #	88
48) 2-Hexanone	8.682	43	5285	0.791	ug/L #	83
51) Chlorobenzene	9.444	112	75655	1.486	ug/L	98
61) 1,2,3-Trichloropropane	11.743	75	45258	4.223	ug/L #	50
64) 1,3-Dichlorobenzene	11.743	146	137401	3.683	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	347716	9.466	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	359947	10.592	ug/L	98

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

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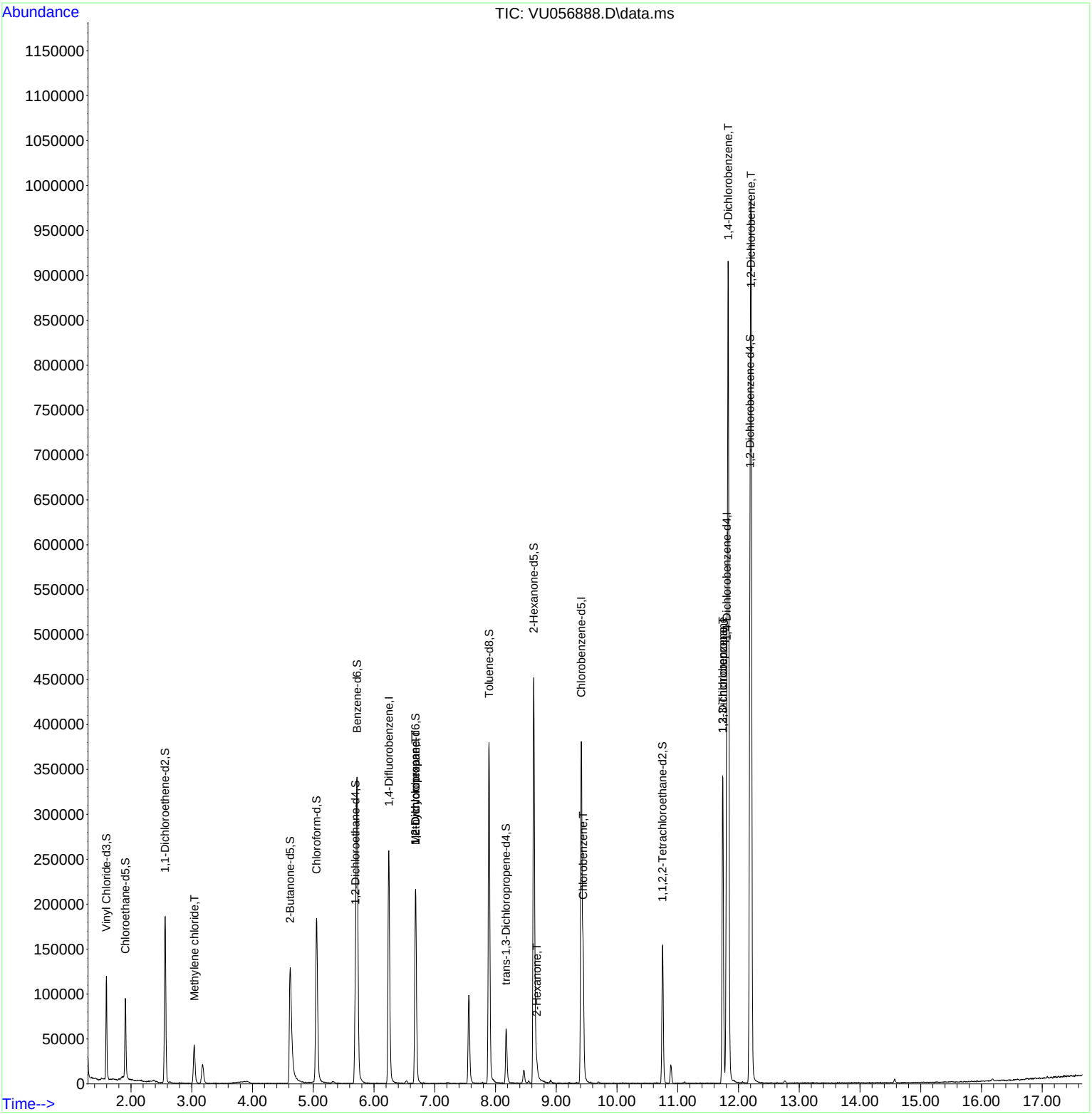
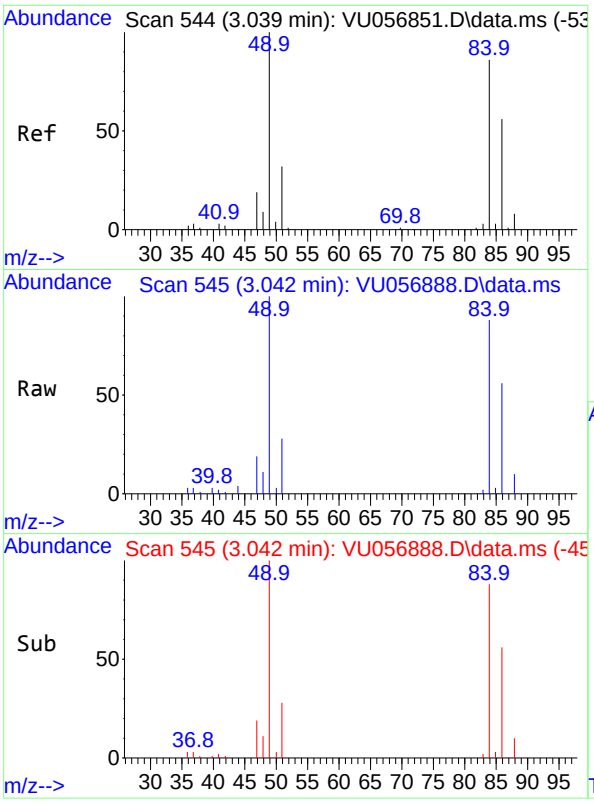
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 22:27:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration



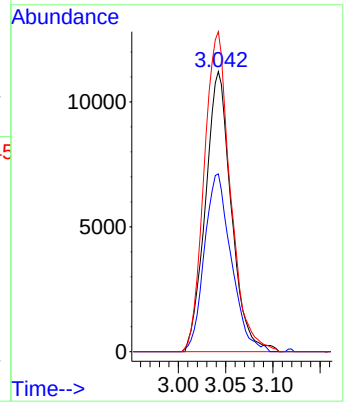


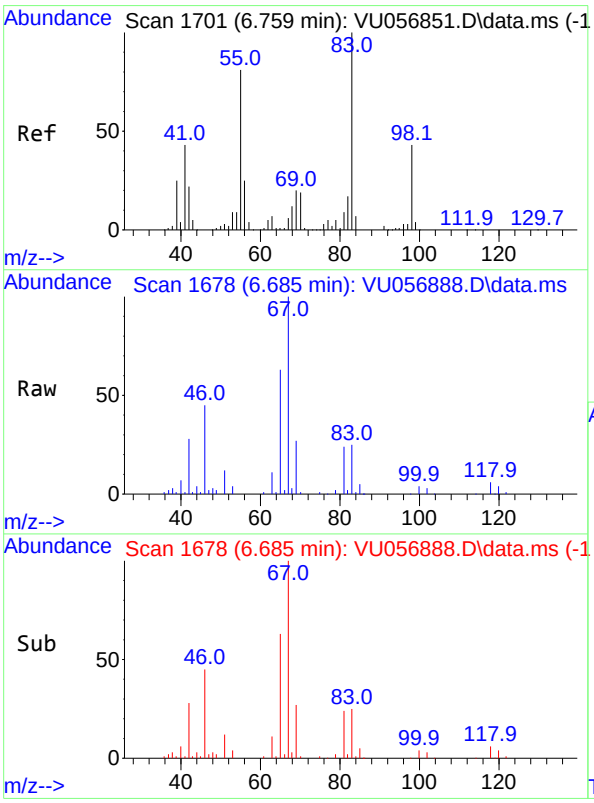
#16
Methylene chloride
Concen: 1.128 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 21319

Ion	Ratio	Lower	Upper
84	100		
86	63.4	43.6	81.0
49	114.2	80.6	149.6

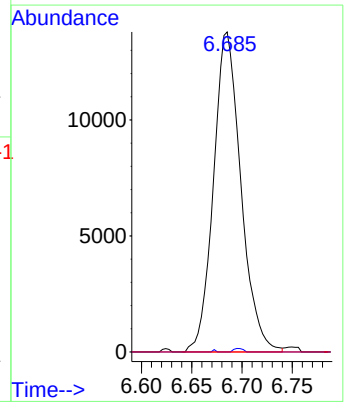


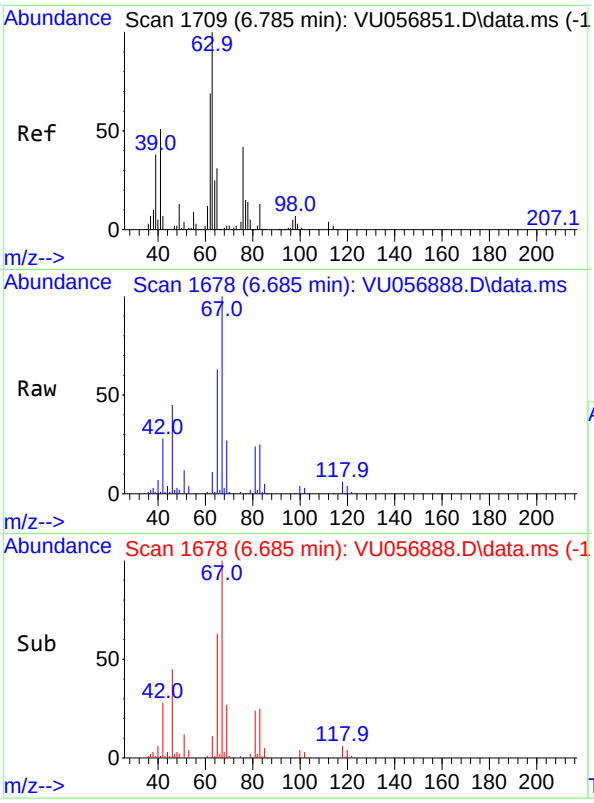


#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Tgt Ion: 83 Resp: 26180

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



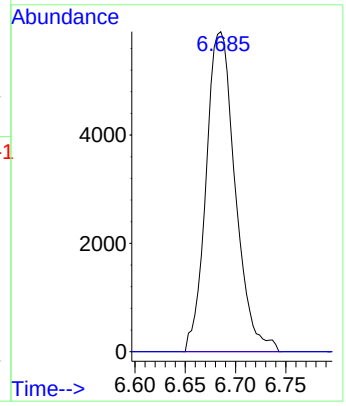


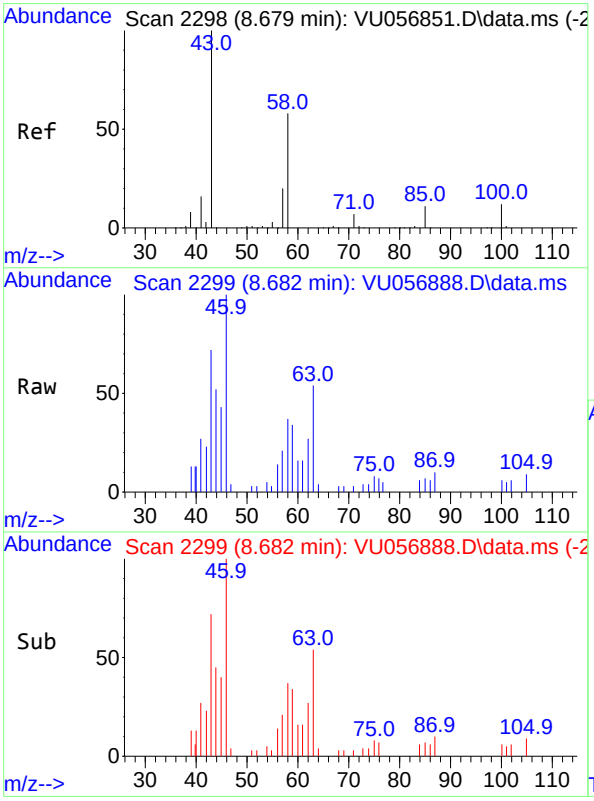
#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11914

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

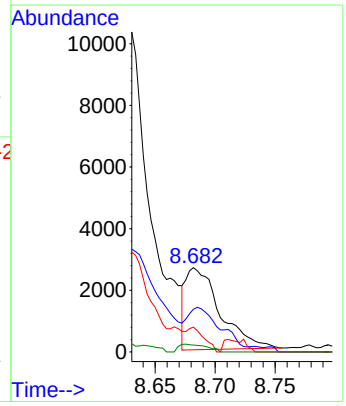


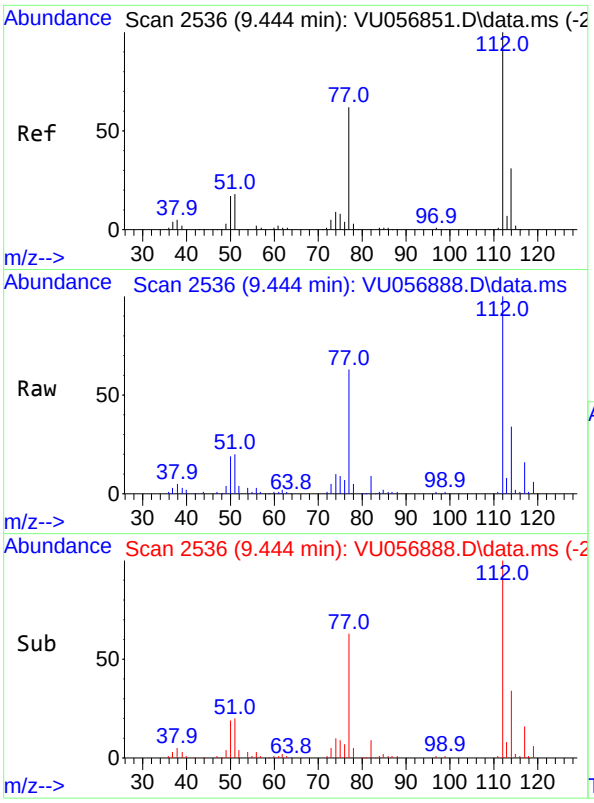


#48
2-Hexanone
Concen: 0.791 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Tgt Ion: 43 Resp: 5285

Ion	Ratio	Lower	Upper
43	100		
58	45.5	47.5	71.3#
57	13.7	17.0	25.4#
100	7.6	9.8	14.8#



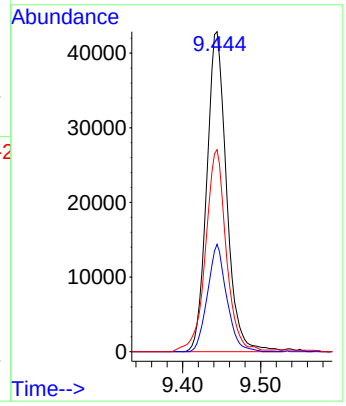


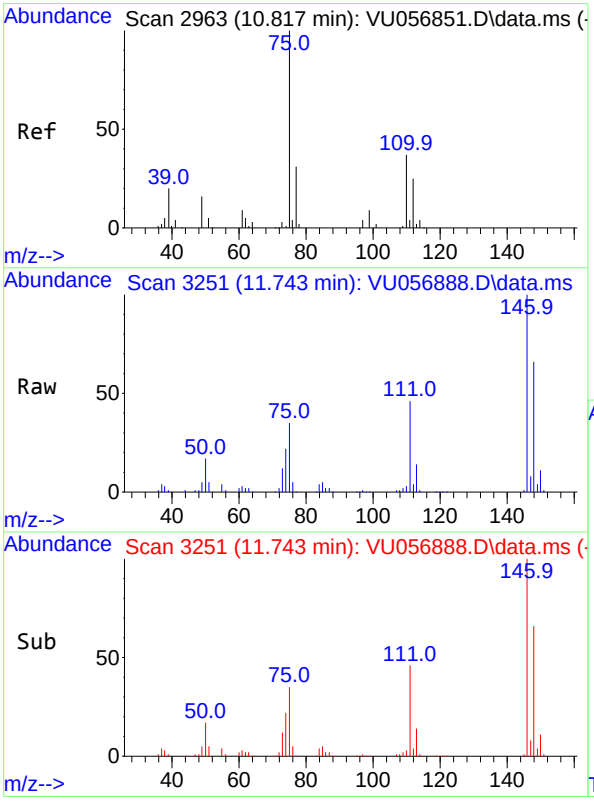
#51
Chlorobenzene
Concen: 1.486 ug/L
RT: 9.444 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 75655

Ion	Ratio	Lower	Upper
112	100		
114	33.6	21.9	40.7
77	63.2	51.6	77.4

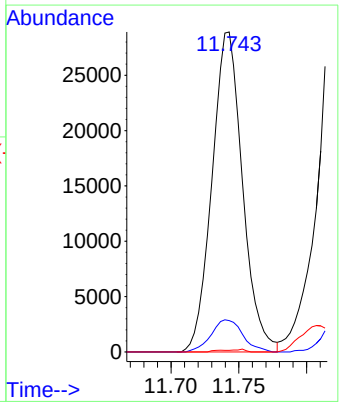


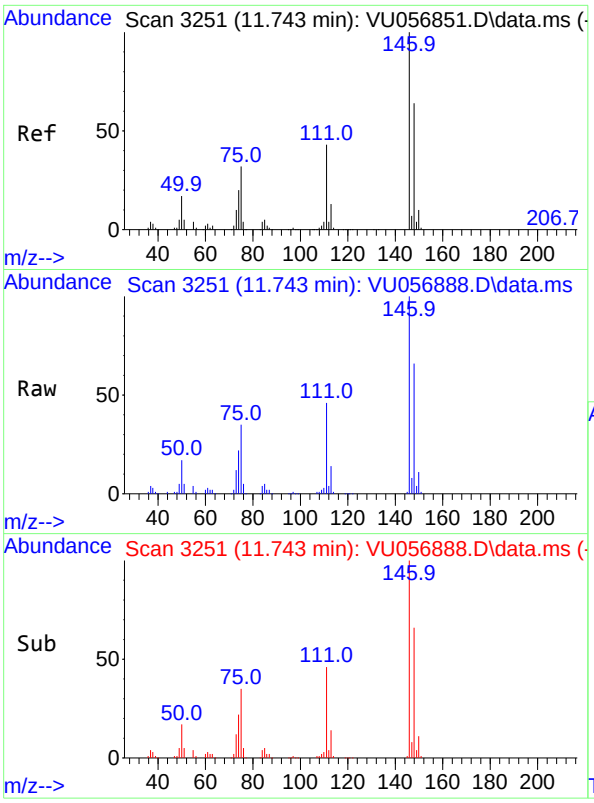


#61
1,2,3-Trichloropropane
Concen: 4.223 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.926 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Tgt Ion: 75 Resp: 45258

Ion	Ratio	Lower	Upper
75	100		
110	10.4	28.4	42.6#
77	0.0	26.3	39.5#



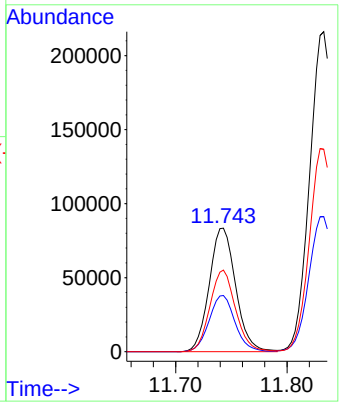


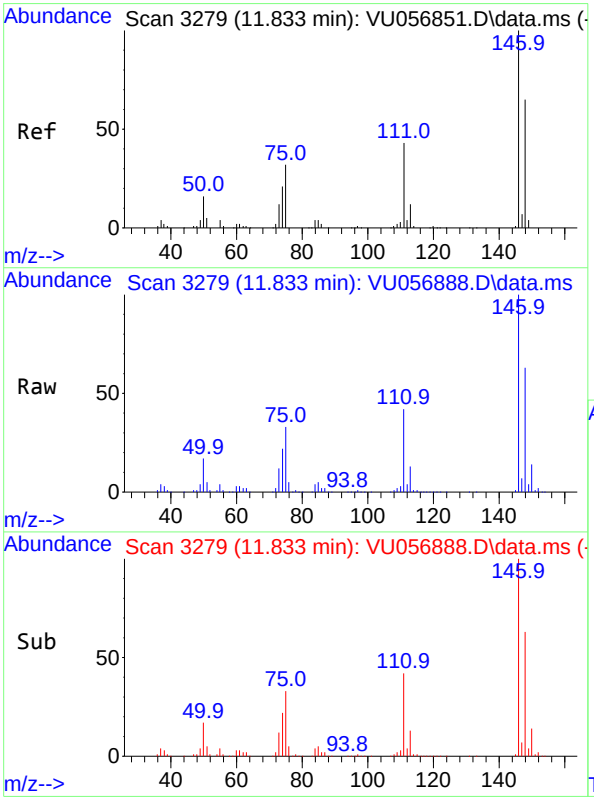
#64
1,3-Dichlorobenzene
Concen: 3.683 ug/L
RT: 11.743 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 137401

Ion	Ratio	Lower	Upper
146	100		
111	45.5	31.7	58.9
148	66.1	44.3	82.3

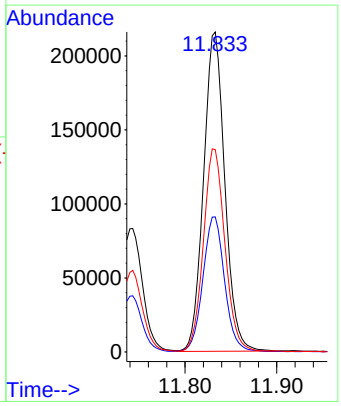


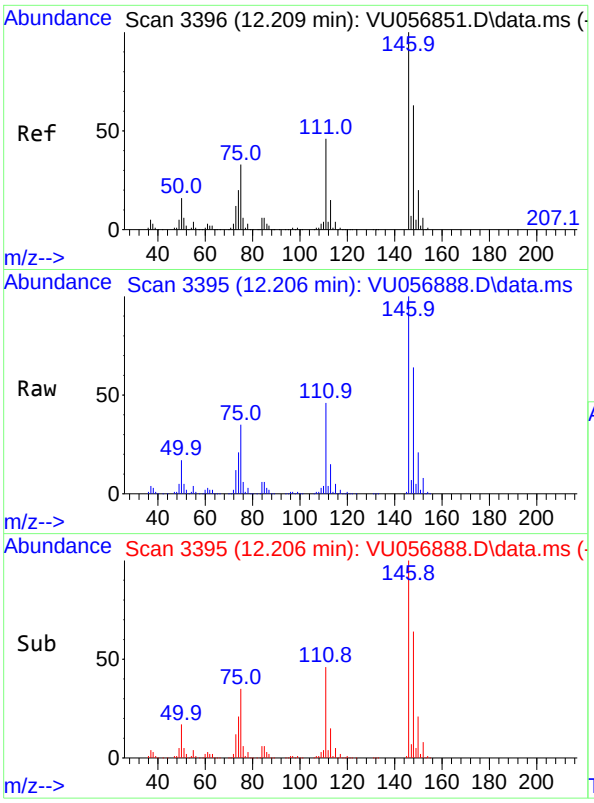


#65
1,4-Dichlorobenzene
Concen: 9.466 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Tgt Ion:146 Resp: 347716

Ion	Ratio	Lower	Upper
146	100		
111	42.2	31.2	58.0
148	63.3	45.6	84.8





#67
1,2-Dichlorobenzene
Concen: 10.592 ug/L
RT: 12.206 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 359947

Ion	Ratio	Lower	Upper
146	100		
111	46.1	36.9	55.3
148	63.8	53.0	79.4