Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
Data File : VU057342.D
Acq On : 28 Dec 2023 18:46
Operator : MD/SY
Sample : 06021-14DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 28 21:39:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 21:37:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	243175	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	243509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93693	4.482	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.911	69	85705	5.104	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.000%			
11) 1,1-Dichloroethene-d2	2.560	65	37547	4.512	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.200%			
20) 2-Butanone-d5	4.637	46	228535	48.266	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.540%			
24) Chloroform-d	5.055	84	181930	4.894	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	5.695	65	90072	4.741	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
32) Benzene-d6	5.721	84	333636	4.806	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	6.682	67	110620	5.086	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.800%			
41) Toluene-d8	7.891	98	256110	4.277	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
43) trans-1,3-Dichloroprop...	8.174	79	38355	4.395	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.800%			
46) 2-Hexanone-d5	8.634	63	174991	44.269	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.540%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86886	4.756	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	94997	5.135	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.800%			
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	15308	0.746	ug/L	91
35) Methylcyclohexane	6.685	83	26932	1.103	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11694	0.599	ug/L #	91
39) cis-1,3-Dichloropropene	7.560	75	3231	0.121	ug/L #	80
48) 2-Hexanone	8.634	43	23066	3.146	ug/L #	75
51) Chlorobenzene	9.441	112	329310	7.173	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	9906	0.325	ug/L	97

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

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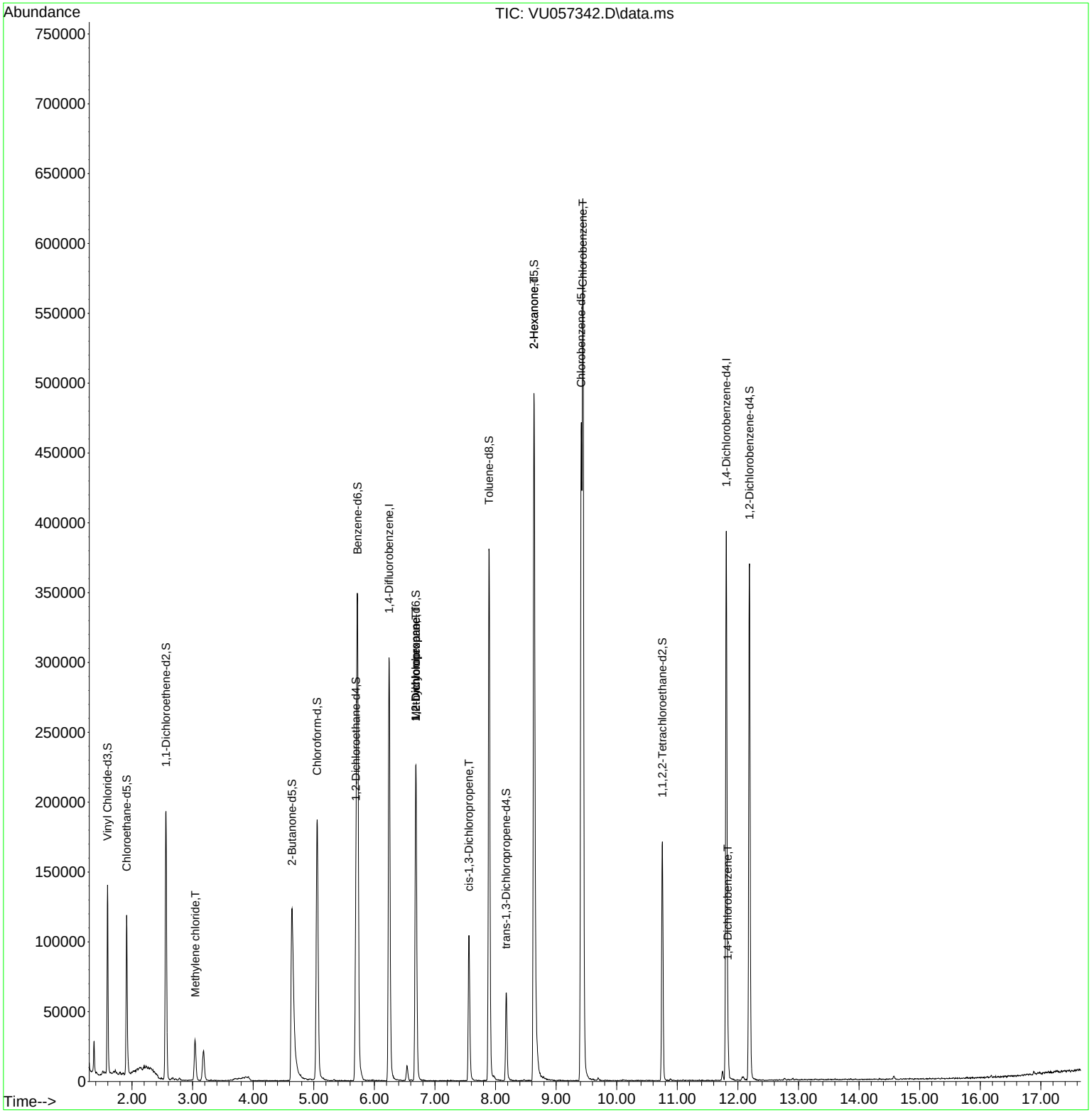
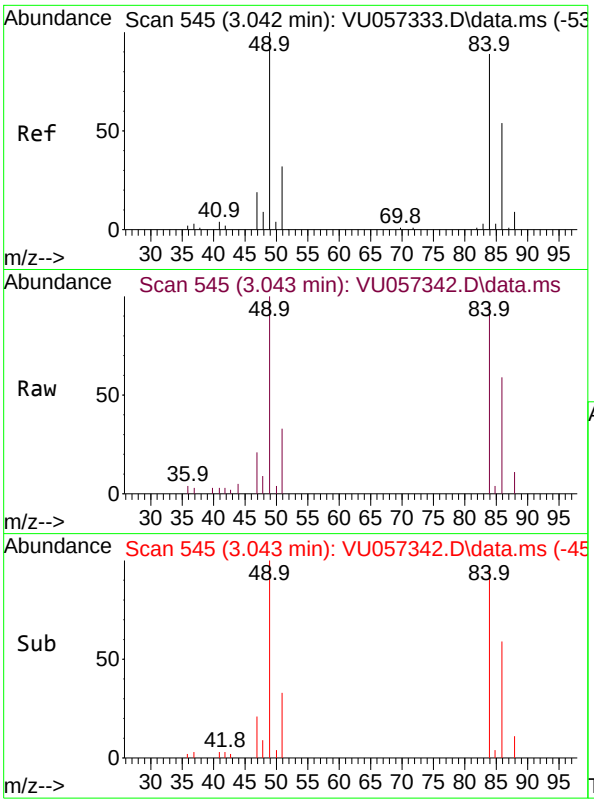


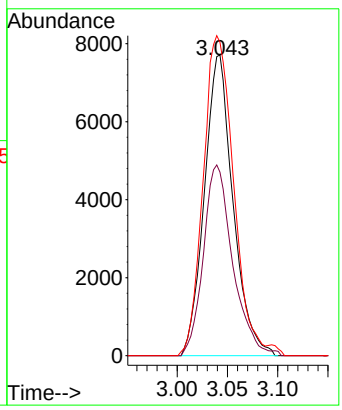


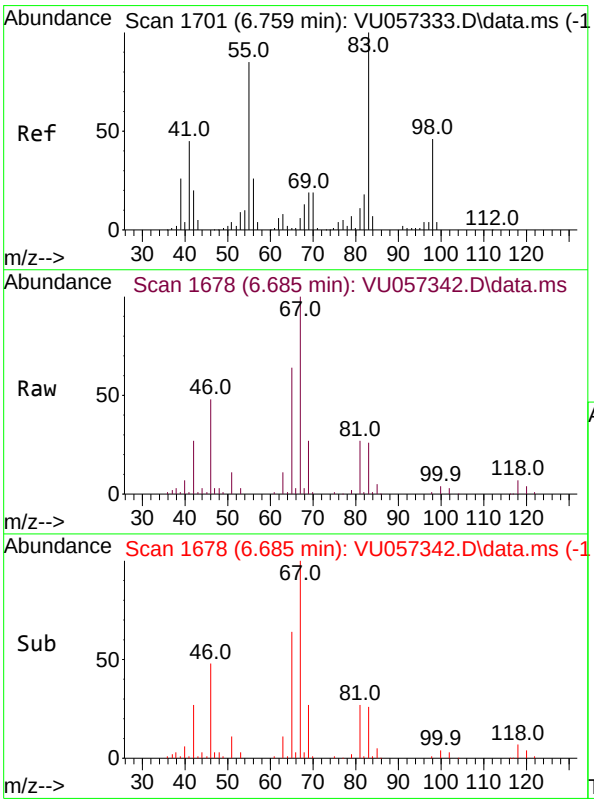
#16
Methylene chloride
Concen: 0.746 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057342.D
Acq: 28 Dec 2023 18:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 15308

Ion	Ratio	Lower	Upper
84	100		
86	61.0	43.8	81.3
49	104.2	83.2	154.4

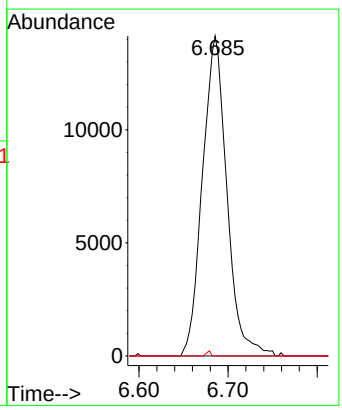


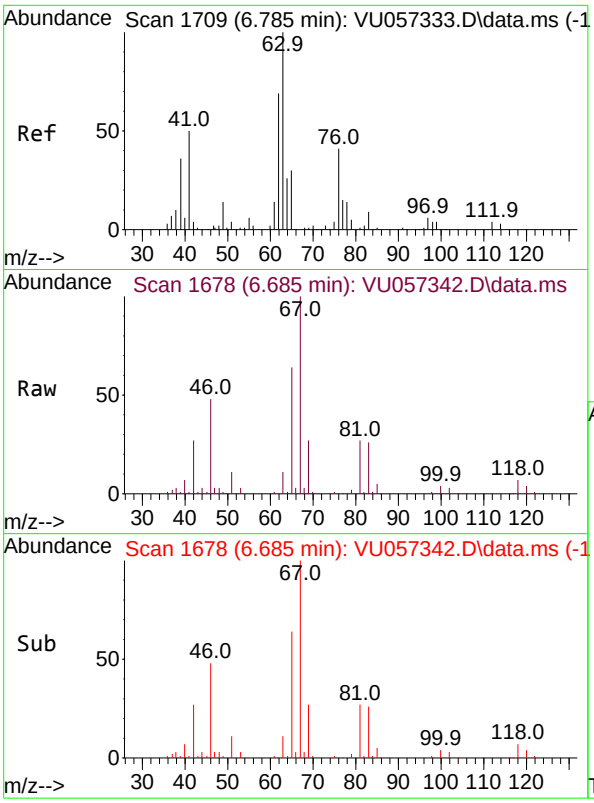


#35
Methylcyclohexane
Concen: 1.103 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057342.D
Acq: 28 Dec 2023 18:46

Tgt Ion: 83 Resp: 26932

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.4	98.2#
98	0.3	35.3	52.9#



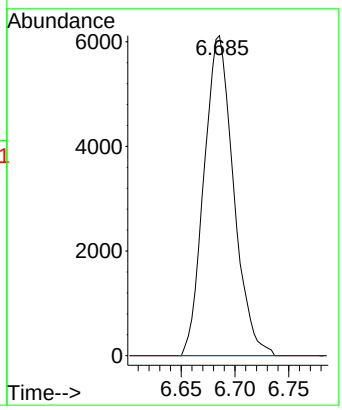


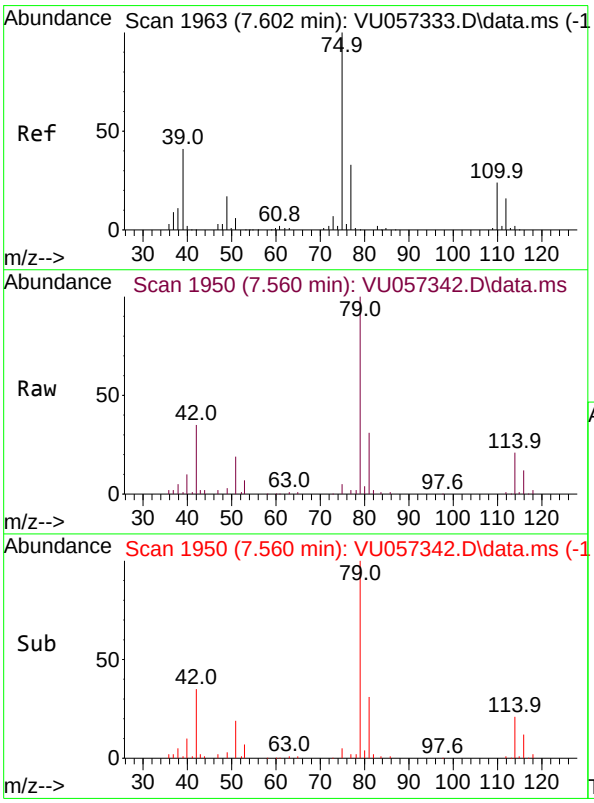
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057342.D
Acq: 28 Dec 2023 18:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11694

Ion	Ratio	Lower	Upper
63	100		
112	0.6	2.9	4.3#

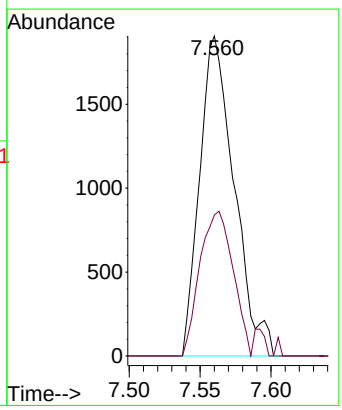


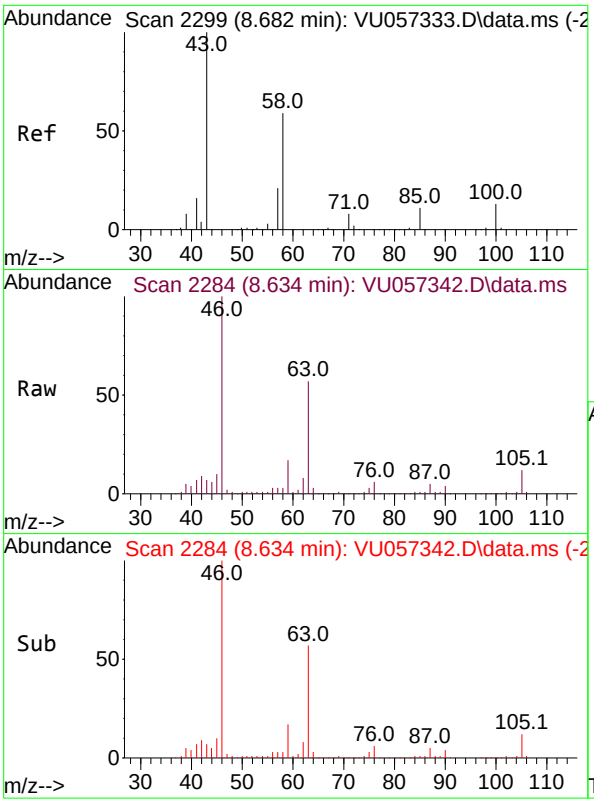


#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU057342.D
Acq: 28 Dec 2023 18:46

Tgt Ion: 75 Resp: 3231

Ion	Ratio	Lower	Upper
75	100		
77	44.0	23.0	42.8#



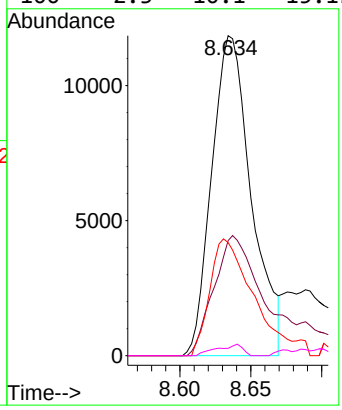


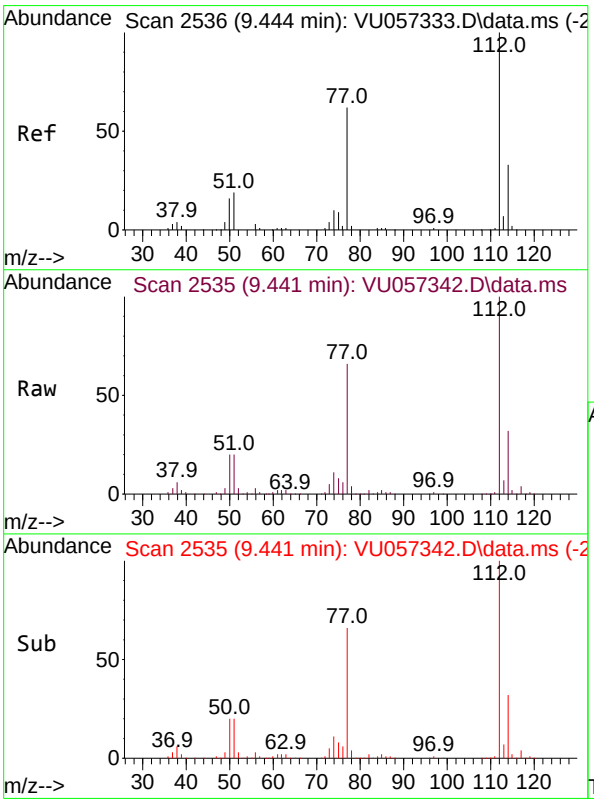
#48
2-Hexanone
Concen: 3.146 ug/L
RT: 8.634 min Scan# 2
Delta R.T. -0.048 min
Lab File: VU057342.D
Acq: 28 Dec 2023 18:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 23066

Ion	Ratio	Lower	Upper
43	100		
58	46.3	48.4	72.6#
57	40.9	17.4	26.2#
100	2.3	10.1	15.1#

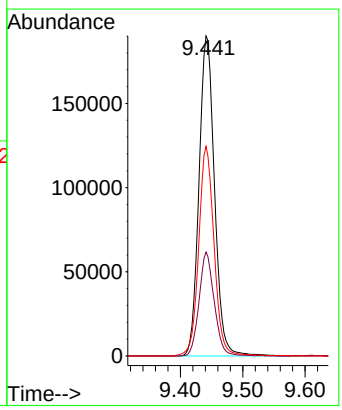


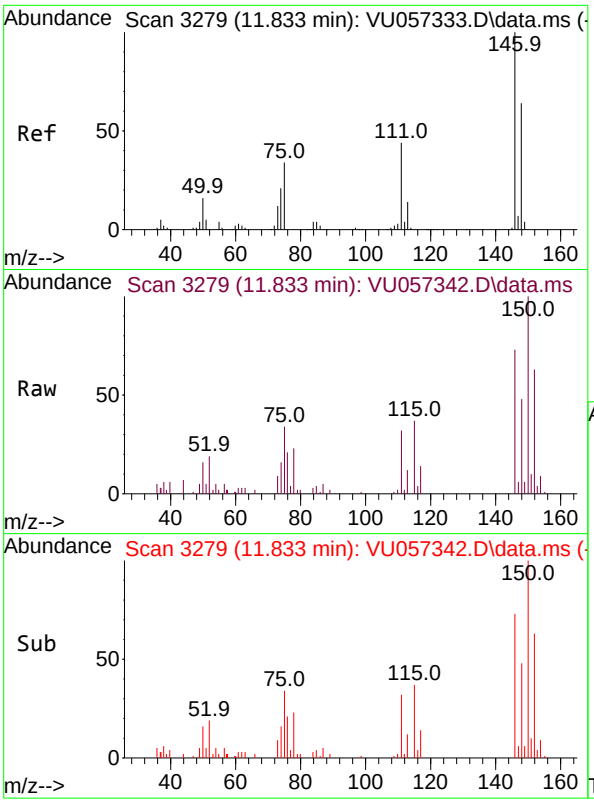


#51
Chlorobenzene
Concen: 7.173 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057342.D
Acq: 28 Dec 2023 18:46

Tgt Ion:112 Resp: 329310

Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.8	40.4
77	65.5	51.2	76.8





#65
1,4-Dichlorobenzene
Concen: 0.325 ug/L
RT: 11.833 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU057342.D
Acq: 28 Dec 2023 18:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 9906

Ion	Ratio	Lower	Upper
146	100		
111	43.5	30.9	57.3
148	65.7	43.4	80.6