Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120920\
Data File : VU041505.D
Acq On : 09 Dec 2020 10:39
Operator : SY/MD
Sample : VU1209WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 10 04:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	43900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	47615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23300	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	10520	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.92	69	10453	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.60%			
11) 1,1-Dichloroethene-d2	2.58	63	18652	3.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.40%			
20) 2-Butanone-d5	4.65	46	40188	47.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.06%			
24) Chloroform-d	5.08	84	31883	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.72	65	21198	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.74	84	44481	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
36) 1,2-Dichloropropane-d6	6.70	67	12352	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.60%			
41) Toluene-d8	7.90	98	40500	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	8.18	79	8500	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.64	63	30186	39.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.94%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	13185	3.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	19821	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	147	0.075	ug/L #	45
16) Methylene chloride	3.06	84	877	0.256	ug/L	89
27) 1,2-Dichloroethane	5.74	62	289	0.061	ug/L #	79
33) Benzene	5.75	78	330	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	3924	0.809	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1867	0.676	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	522	0.105	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	393	0.079	ug/L	85
48) 2-Hexanone	8.69	43	909	0.511	ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	2278	0.850	ug/L #	76
68) 1,2,4-trichlorobenzene	13.83	180	244	0.058	ug/L #	44
69) Naphthalene	14.08	128	650	0.098	ug/L #	69

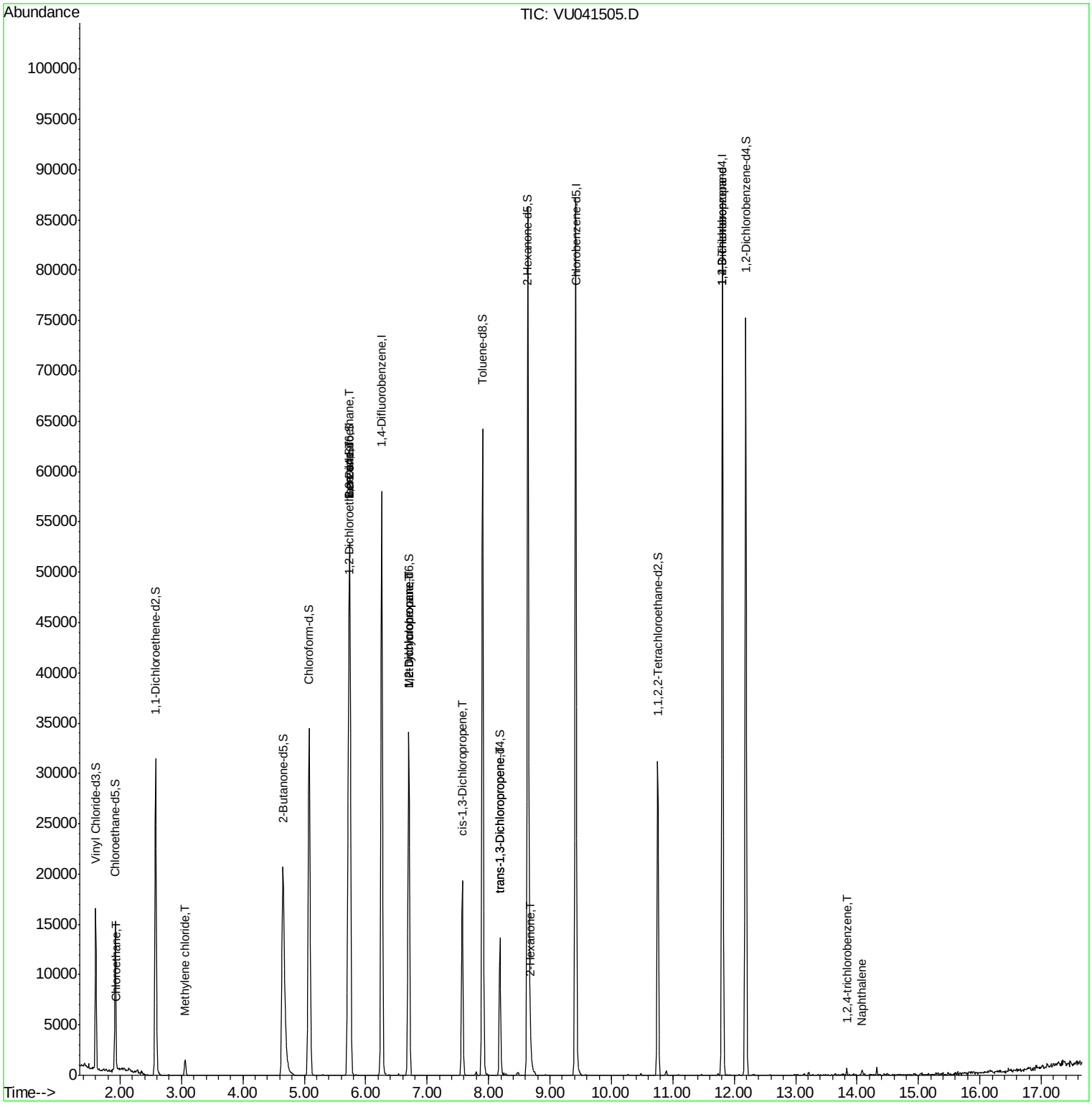
(#) = qualifier out of range (m) = manual integration (+) = signals summed

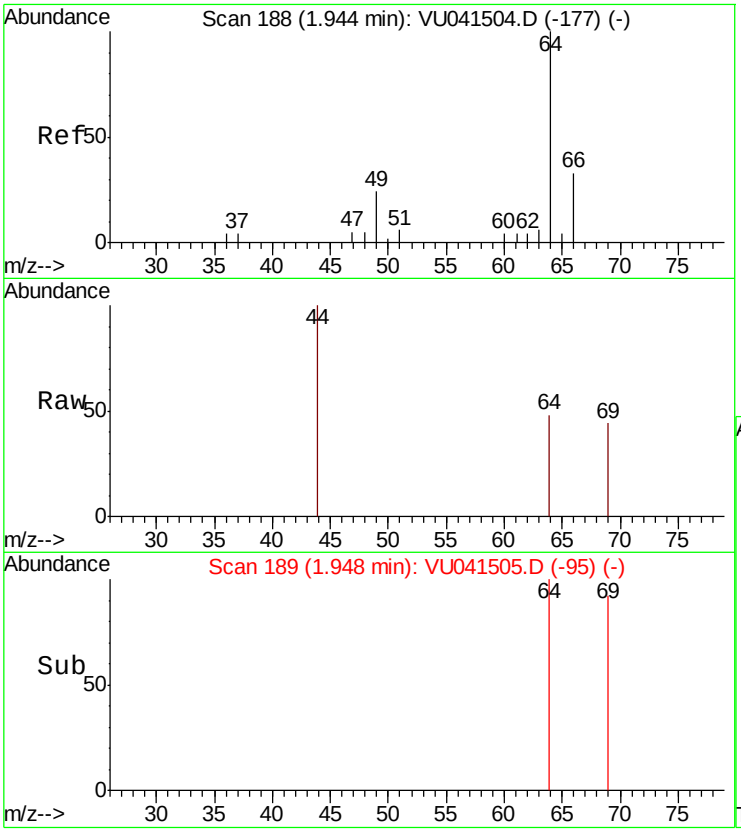
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
Data File : VU041505.D
Acq On : 09 Dec 2020 10:39
Operator : SY/MD
Sample : VU1209WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 10 04:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration



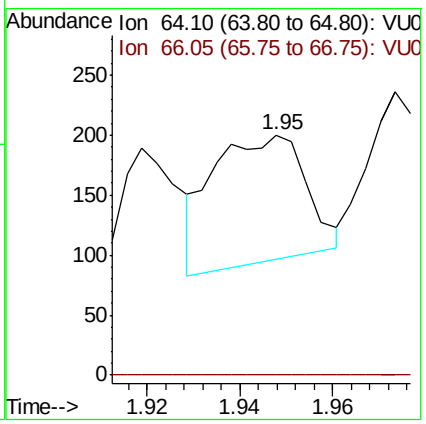


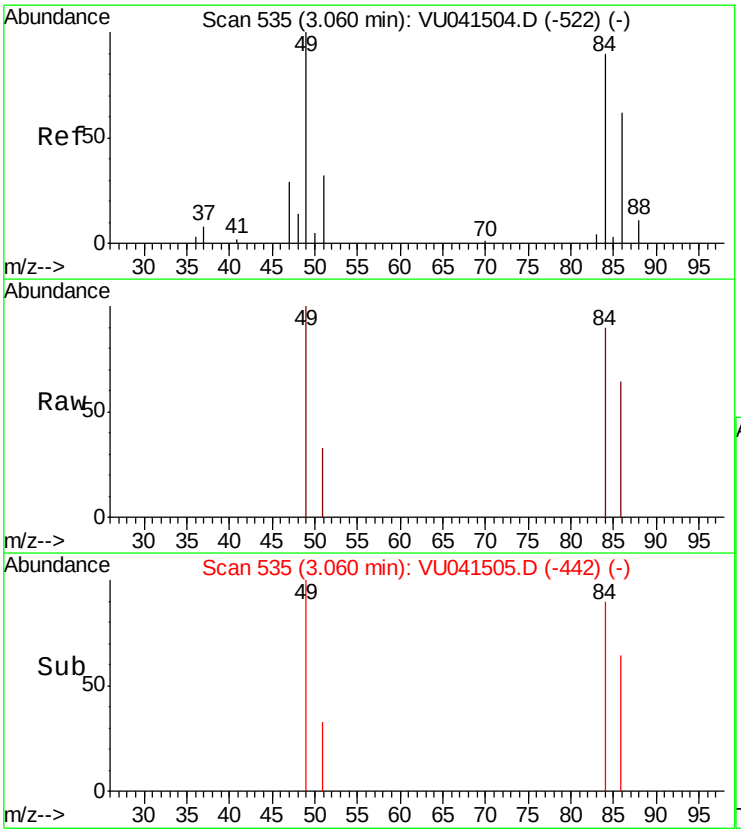
#8
Chloroethane
Concen: 0.075 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 147

Ion	Ratio	Lower	Upper
64	100		
66	0.0	20.9	38.9#

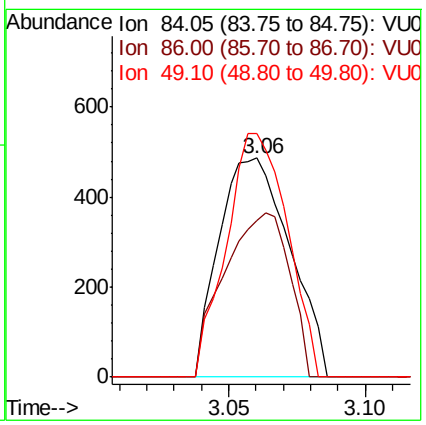


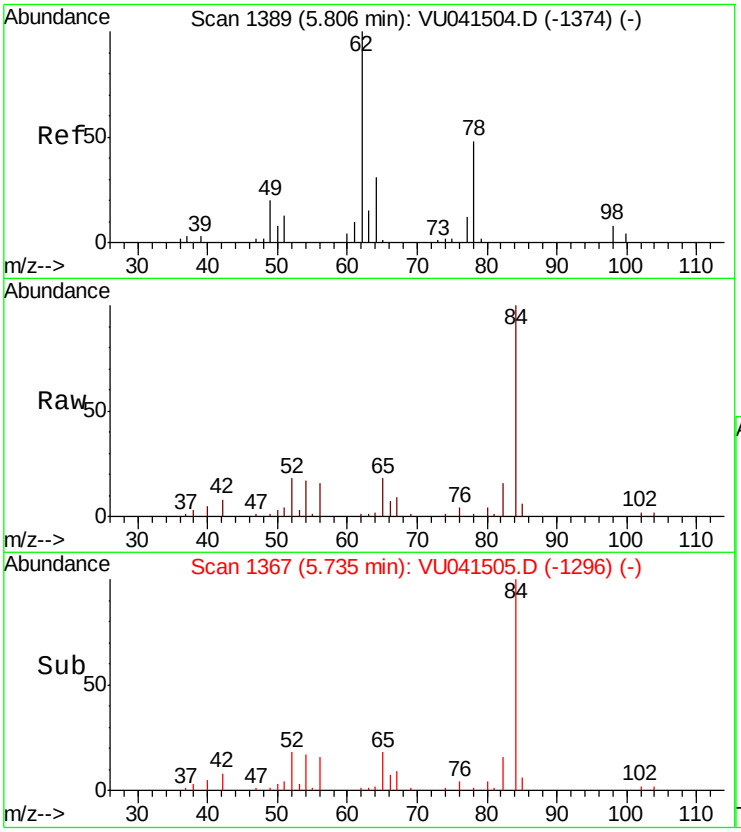


#16
Methylene chloride
Concen: 0.256 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Tgt Ion: 84 Resp: 877

Ion	Ratio	Lower	Upper
84	100		
86	71.3	44.1	81.9
49	110.9	86.1	159.9



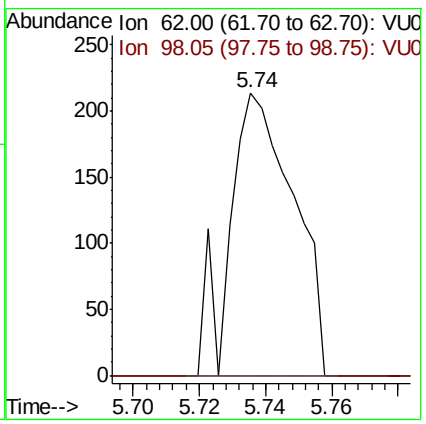


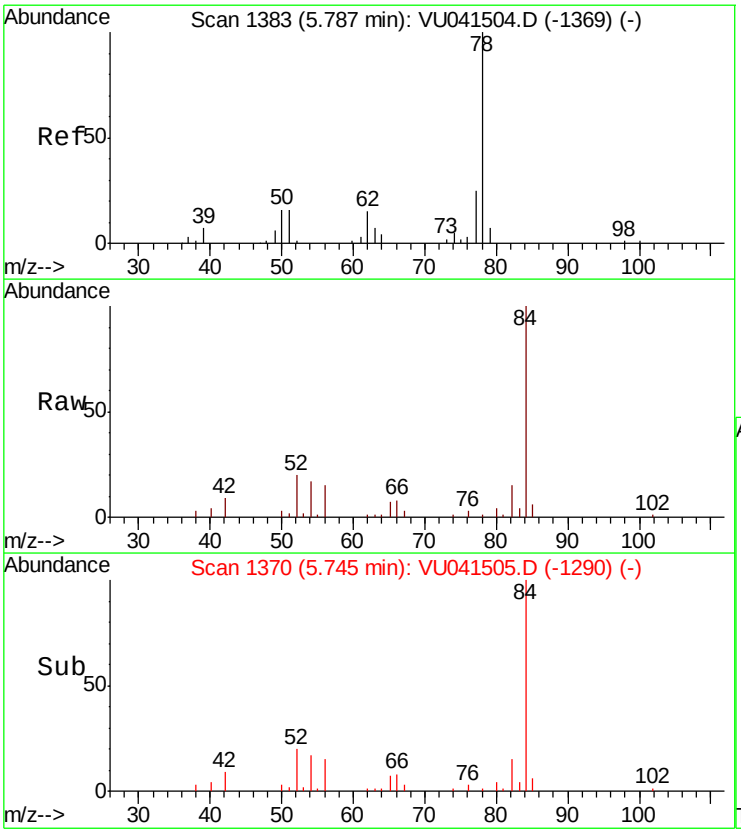
#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 289

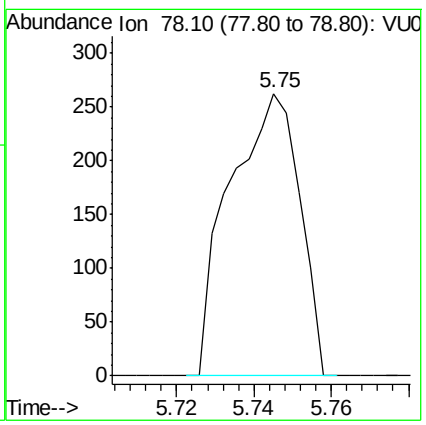
Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

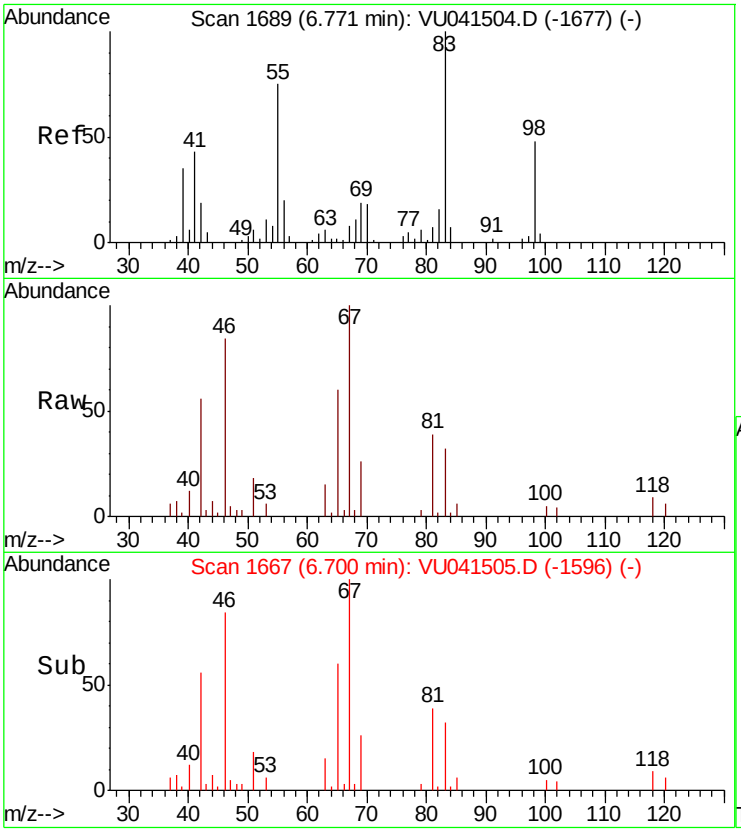




#33
Benzene
Concen: 0.028 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Tgt Ion: 78 Resp: 330



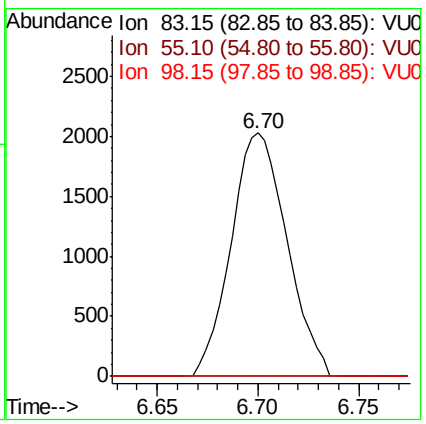


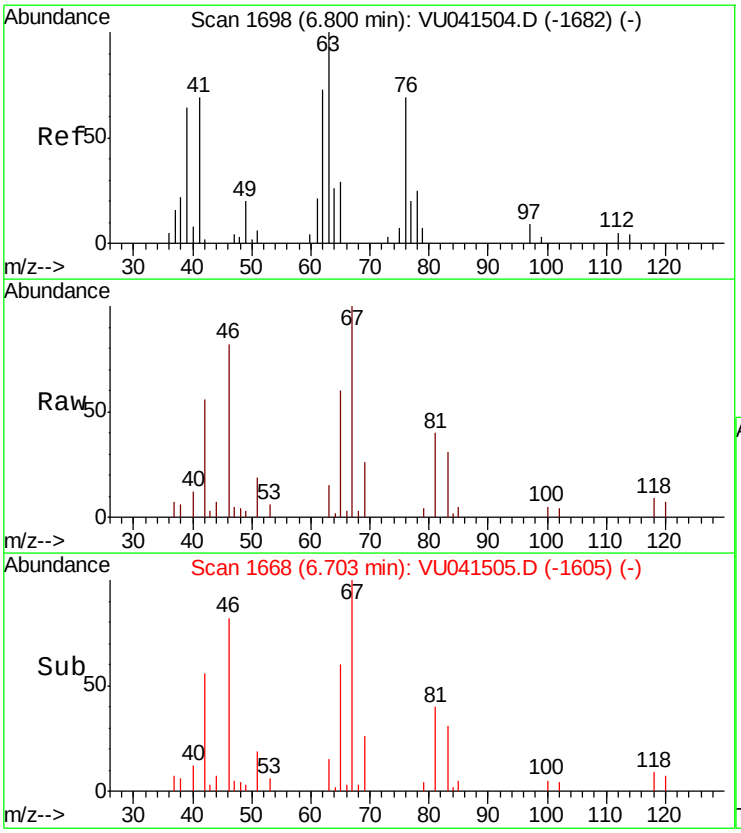
#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 3924

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	0.0	38.7	58.1#

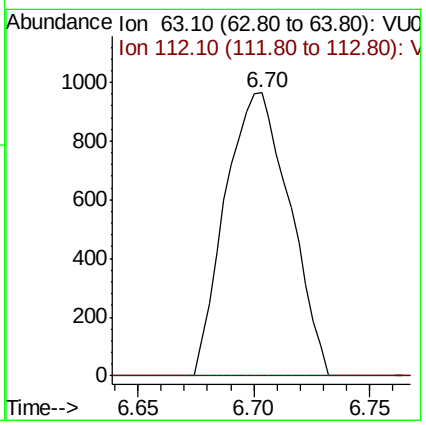


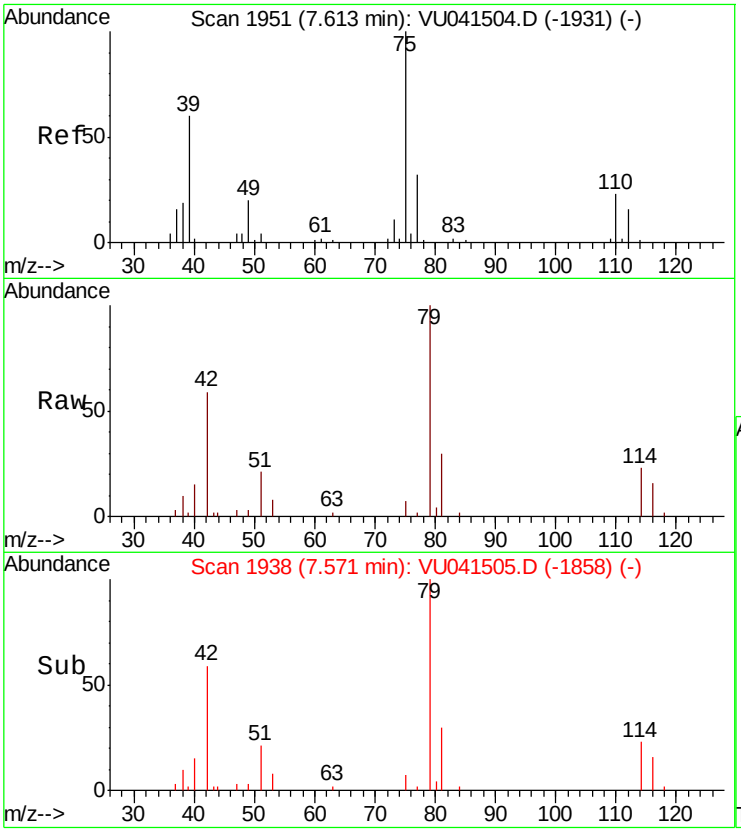


#37
1,2-Dichloropropane
Concen: 0.676 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Tgt Ion: 63 Resp: 1867

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#



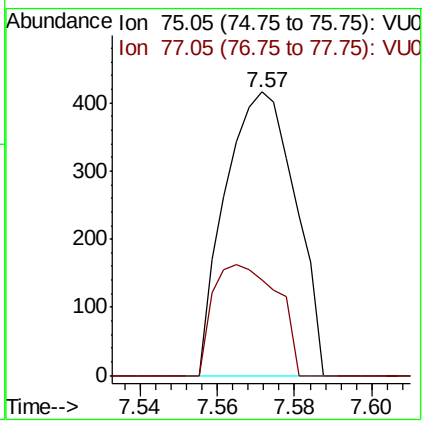


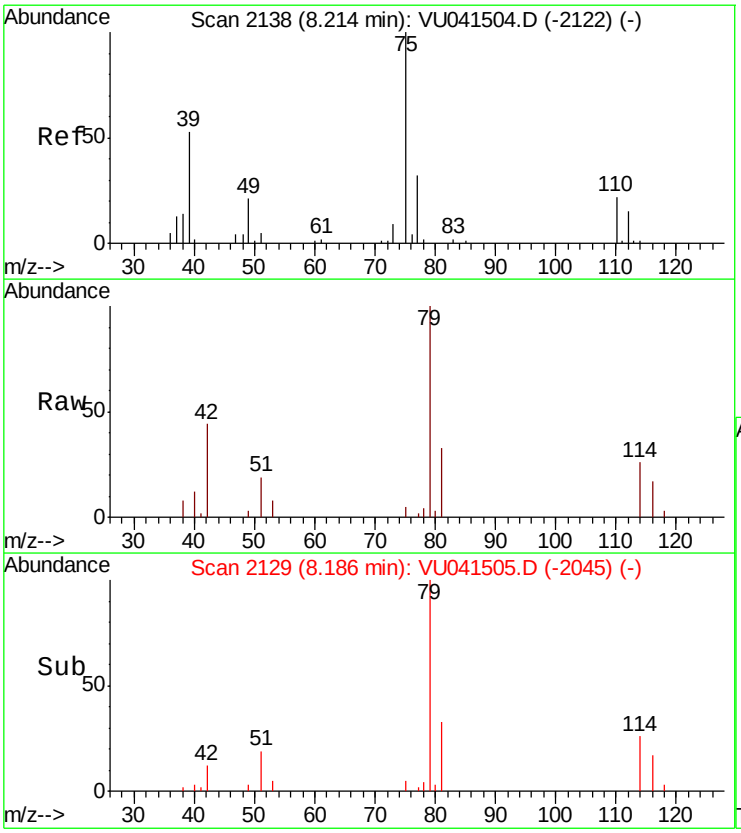
#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 522

Ion	Ratio	Lower	Upper
75	100		
77	33.9	24.0	44.6

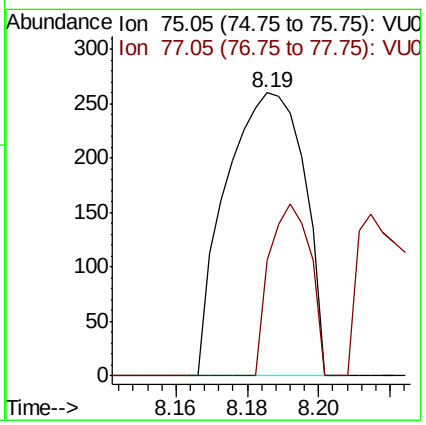


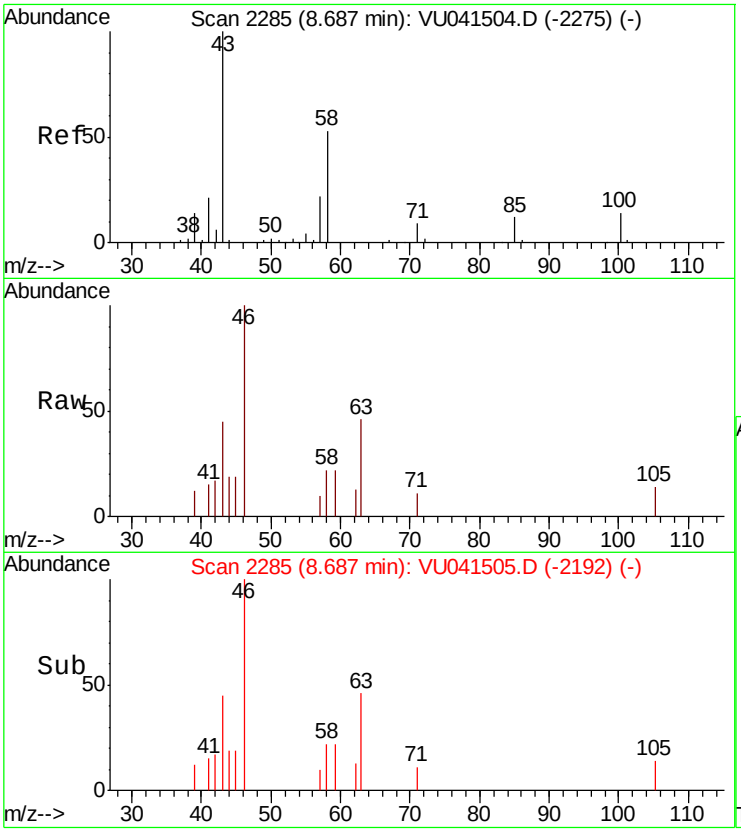


#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Tgt Ion: 75 Resp: 393

Ion	Ratio	Lower	Upper
75	100		
77	40.8	22.7	42.3



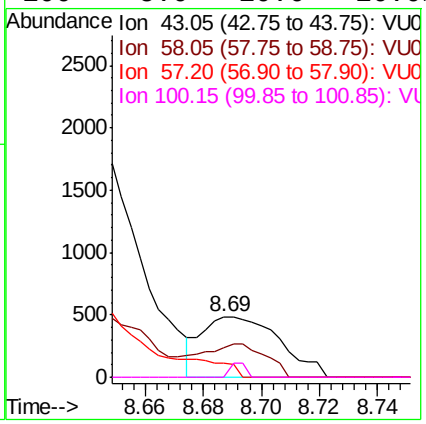


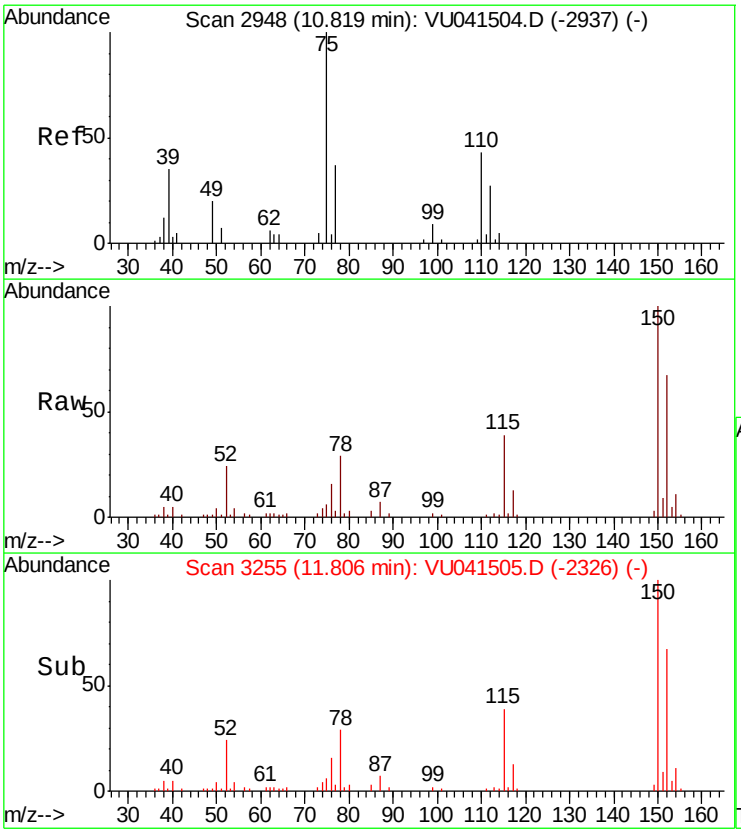
#48
2-Hexanone
Concen: 0.511 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 909

Ion	Ratio	Lower	Upper
43	100		
58	47.0	41.4	62.0
57	0.0	17.1	25.7#
100	5.0	10.6	16.0#

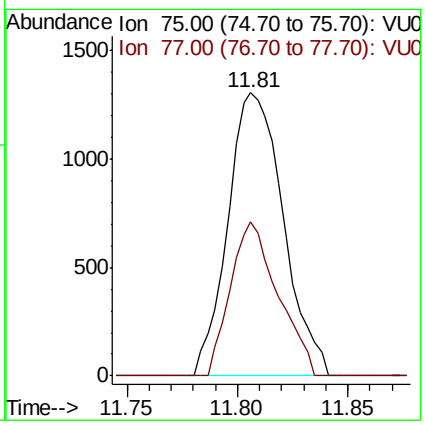


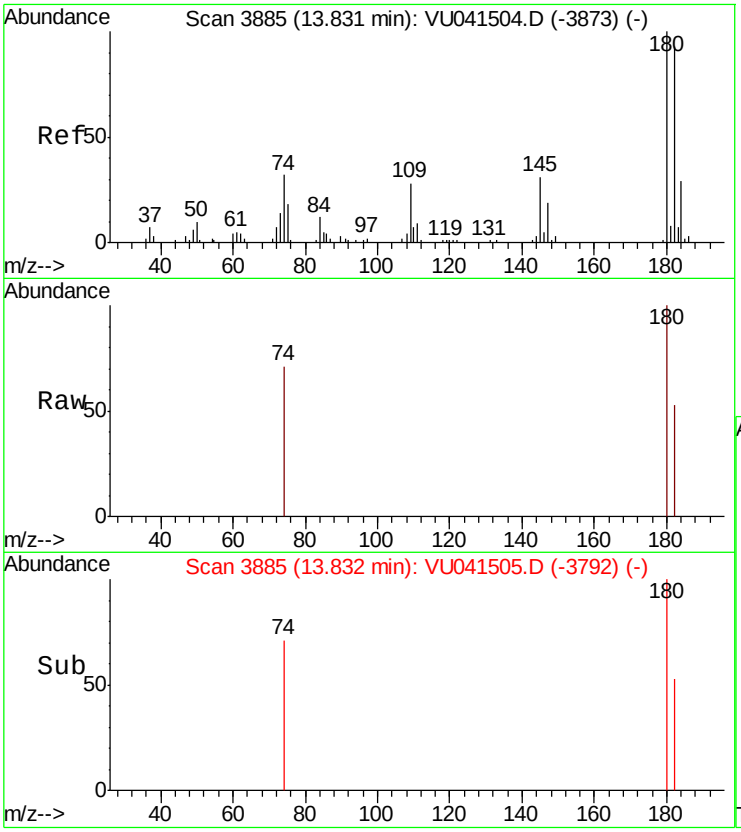


#59
1,2,3-Trichloropropane
Concen: 0.850 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Tgt Ion: 75 Resp: 2278

Ion	Ratio	Lower	Upper
75	100		
77	46.7	26.3	39.5#



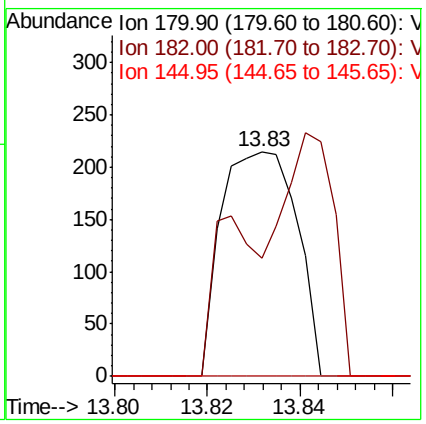


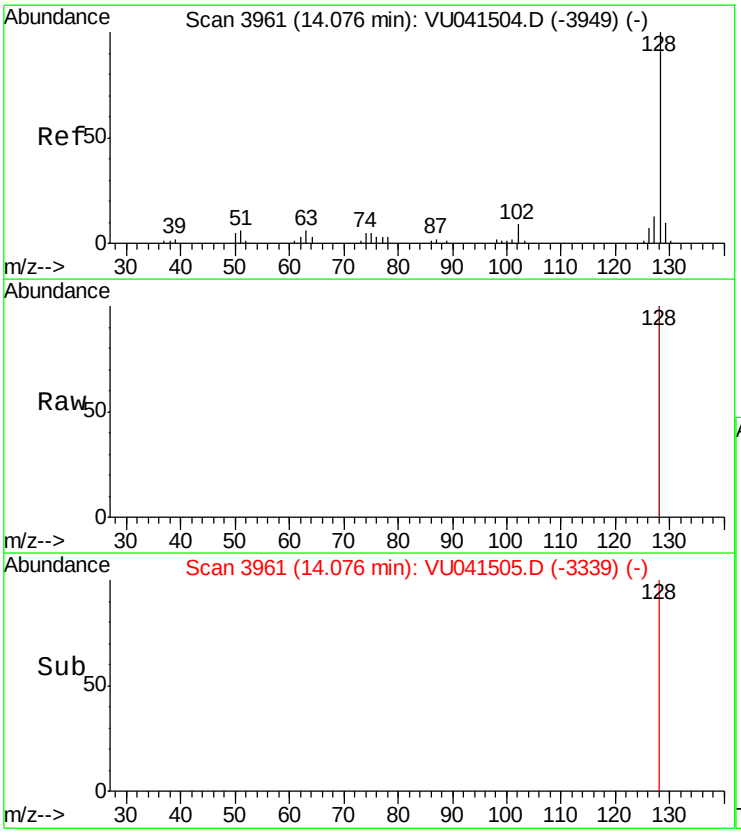
#68
1,2,4-trichlorobenzene
Concen: 0.058 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 244

Ion	Ratio	Lower	Upper
180	100		
182	43.0	77.8	116.8#
145	0.0	26.4	39.6#





#69
Naphthalene
Concen: 0.098 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU041505.D
Acq: 09 Dec 2020 10:39

Tgt Ion:128 Resp: 650

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	10.9	16.3#