Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121020\
Data File : VU041568.D
Acq On : 11 Dec 2020 04:35
Operator : SY/MD
Sample : L5027-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB1J0

Quant Time: Dec 11 07:36:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	34926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	43181	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21845	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	9458	5.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.60%			
7) Chloroethane-d5	1.92	69	9012	5.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.60%			
11) 1,1-Dichloroethene-d2	2.58	63	16804	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	4.66	46	26378	39.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.42%			
24) Chloroform-d	5.08	84	25398	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.72	65	17828	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
32) Benzene-d6	5.75	84	37764	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.40%			
36) 1,2-Dichloropropane-d6	6.70	67	9219	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 65.60%			
41) Toluene-d8	7.91	98	44237	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	8.19	79	7296	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	23978	34.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 69.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	12115	3.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	20634	5.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.48	62	356	0.149	ug/L #	42
8) Chloroethane	2.08	64	114	0.074	ug/L #	45
13) Acetone	2.66	43	1619	3.091	ug/L #	50
21) 2-Butanone	4.74	43	605	0.923	ug/L #	43
25) Chloroform	5.11	83	283	0.058	ug/L	85
27) 1,2-Dichloroethane	5.75	62	253	0.067	ug/L #	79
33) Benzene	5.74	78	303	0.028	ug/L	100
35) Methylcyclohexane	6.71	83	3053	0.694	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1686	0.673	ug/L #	84
38) Bromodichloromethane	7.12	83	149	0.033	ug/L #	23
39) cis-1,3-Dichloropropene	7.57	75	415	0.092	ug/L #	79
44) trans-1,3-Dichloropropene	8.18	75	241	0.053	ug/L #	42
47) Tetrachloroethene	8.56	164	8239	3.234	ug/L	90
49) Dibromochloromethane	8.56	129	7925	2.408	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	1628	0.670	ug/L #	65

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121020\
Data File : VU041568.D
Acq On : 11 Dec 2020 04:35
Operator : SY/MD
Sample : L5027-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB1J0

Quant Time: Dec 11 07:36:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration

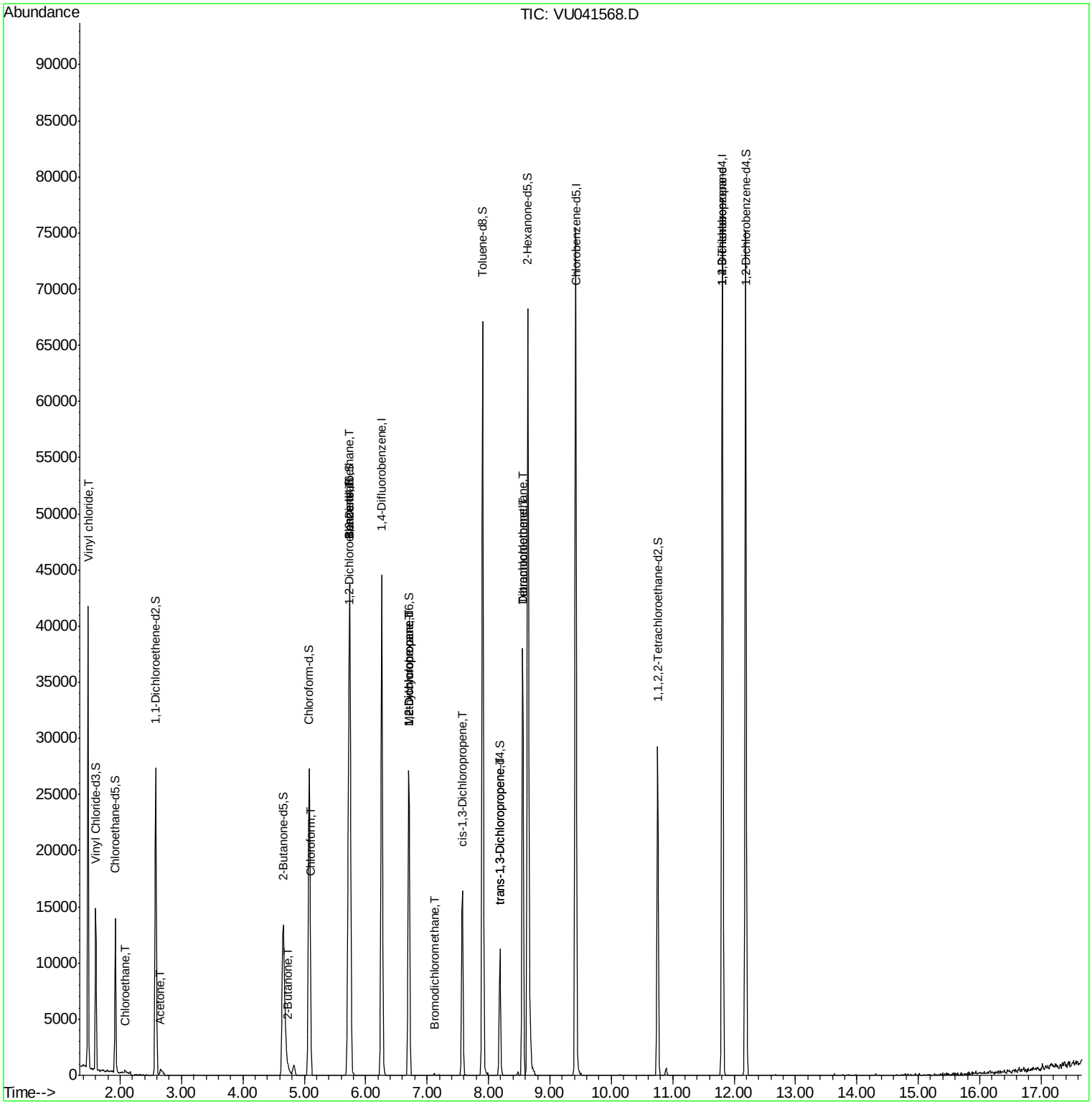
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

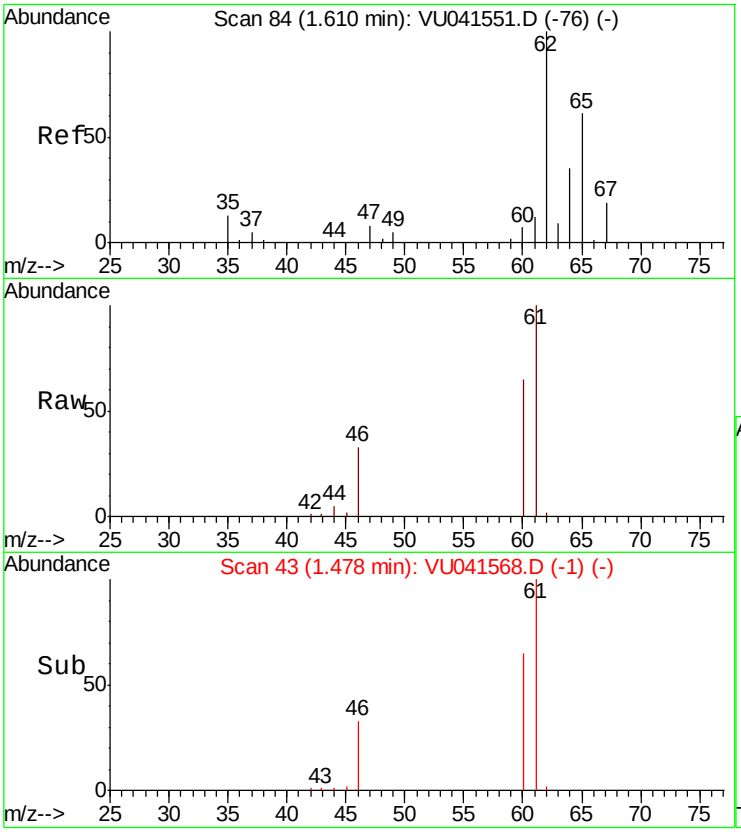
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121020\
Data File : VU041568.D
Acq On : 11 Dec 2020 04:35
Operator : SY/MD
Sample : L5027-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB1J0

Quant Time: Dec 11 07:36:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration



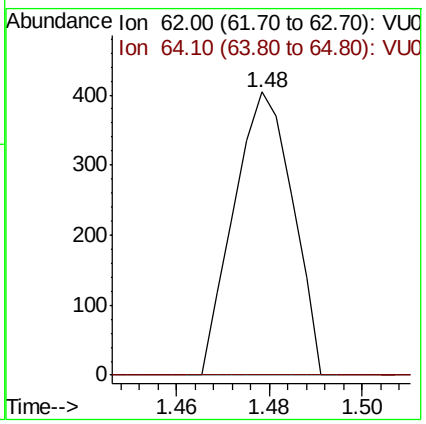


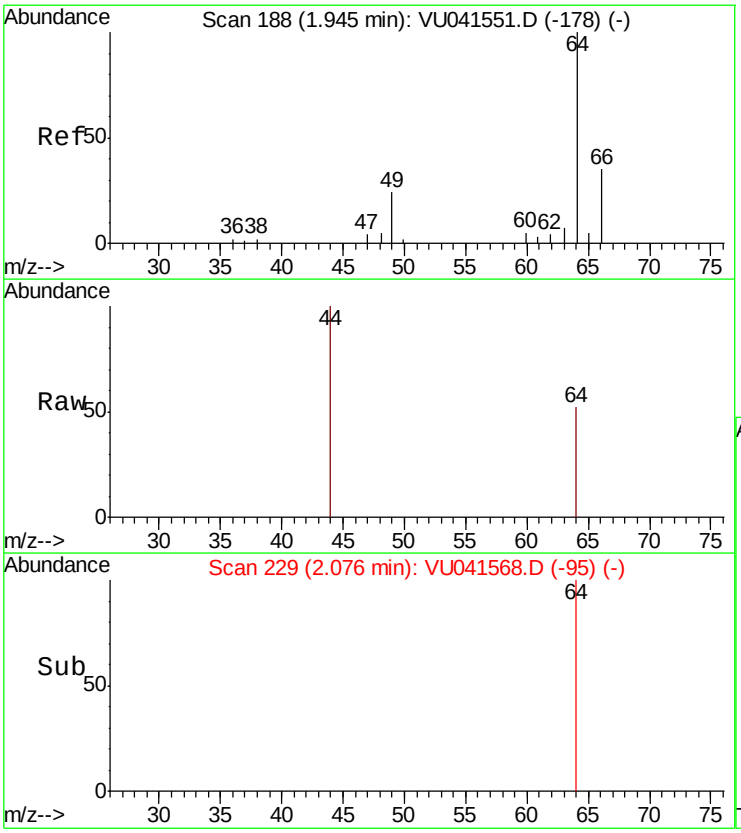
#5
Vinyl chloride
Concen: 0.149 ug/L
RT: 1.48 min Scan# 43
Delta R.T. -0.13 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Instrument : MSVOA_U
ClientSampleId : GB1J0

Tgt Ion: 62 Resp: 356

Ion	Ratio	Lower	Upper
62	100		
64	0.0	23.0	42.8#

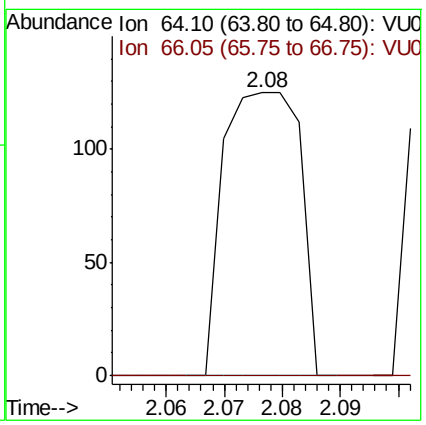


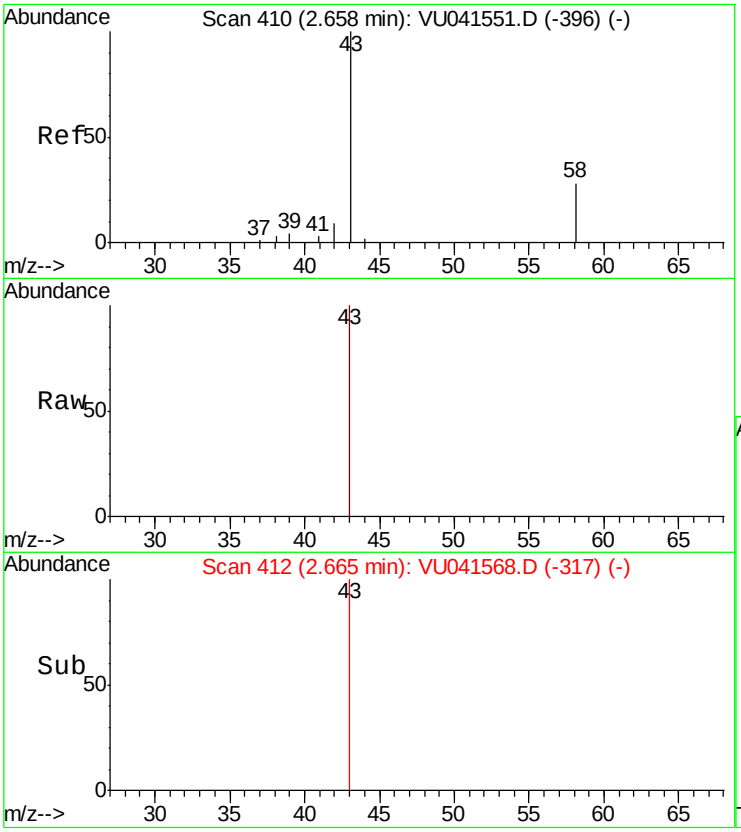


#8
Chloroethane
Concen: 0.074 ug/L
RT: 2.08 min Scan# 229
Delta R.T. 0.13 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Tgt Ion: 64 Resp: 114

Ion	Ratio	Lower	Upper
64	100		
66	0.0	20.9	38.9#



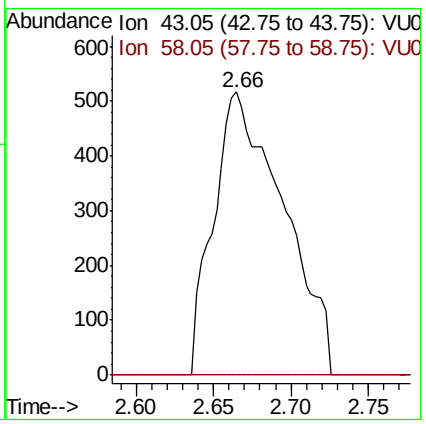


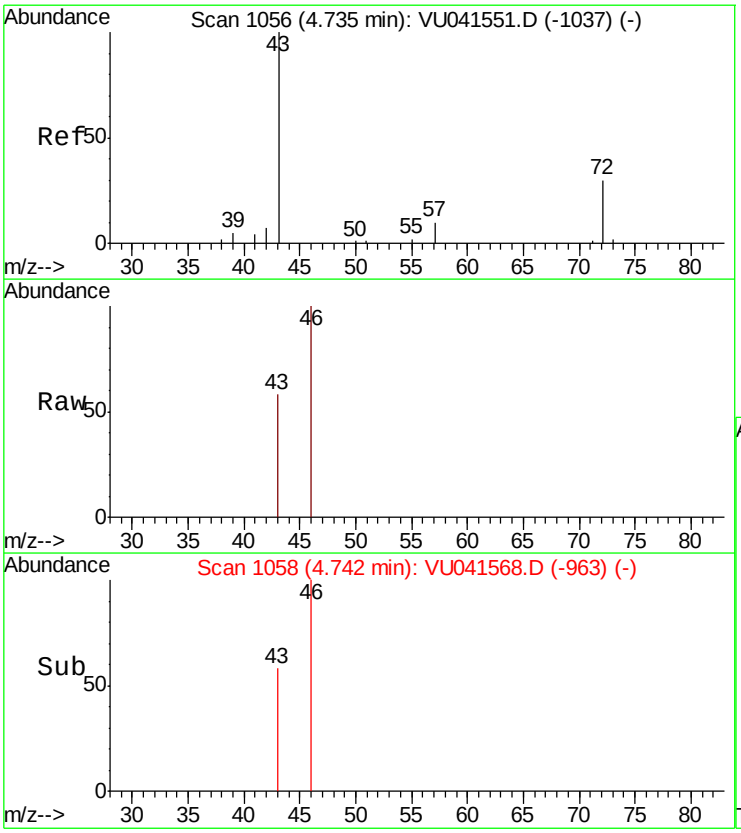
#13
Acetone
Concen: 3.091 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Instrument :
MSVOA_U
ClientSampleId :
GB1J0

Tgt Ion: 43 Resp: 1619

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	50.0

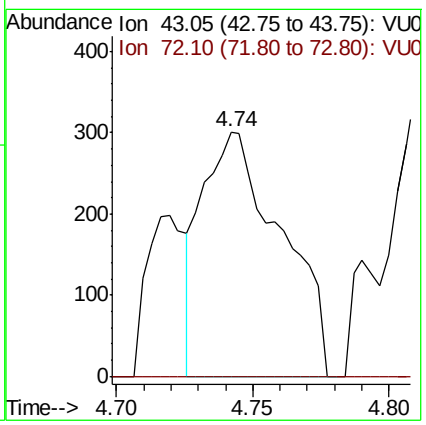


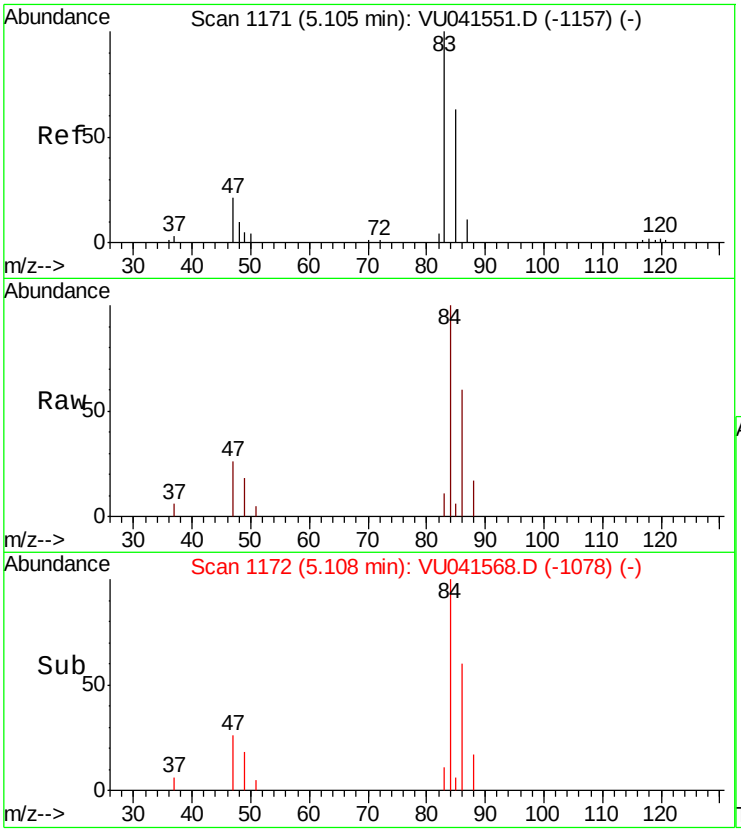


#21
2-Butanone
Concen: 0.923 ug/L
RT: 4.74 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Tgt Ion: 43 Resp: 605

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.7	47.1#



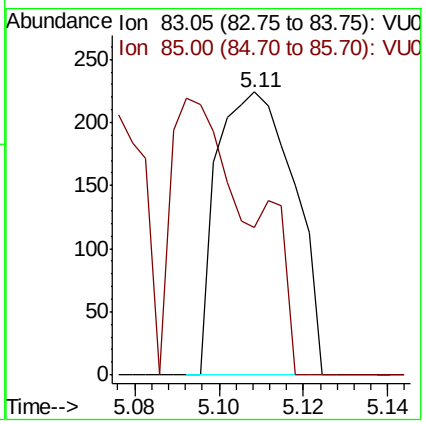


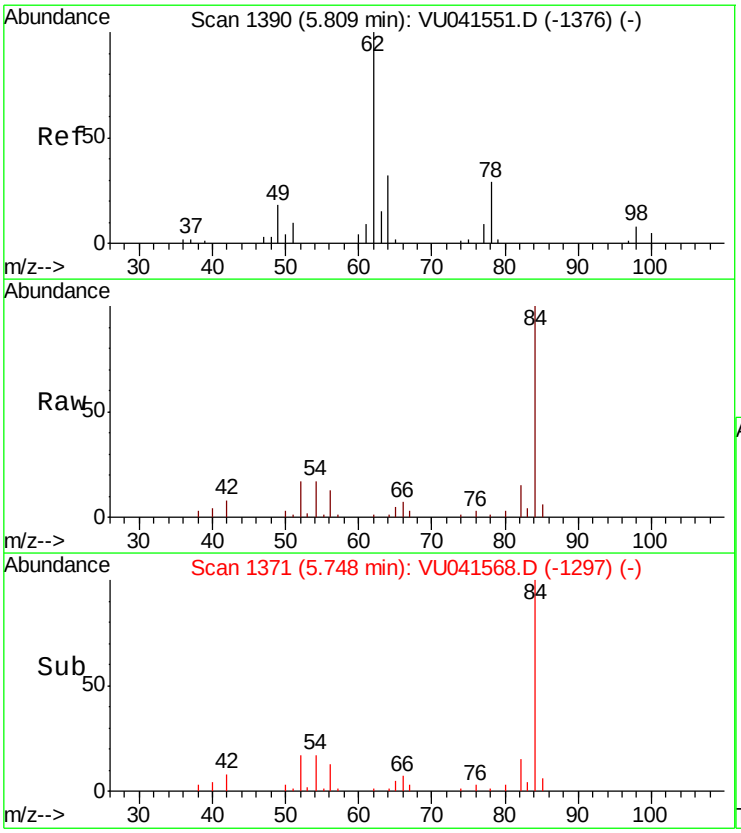
#25
Chloroform
Concen: 0.058 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Instrument : MSVOA_U
ClientSampleId : GB1J0

Tgt Ion: 83 Resp: 283

Ion	Ratio	Lower	Upper
83	100		
85	52.2	44.7	82.9

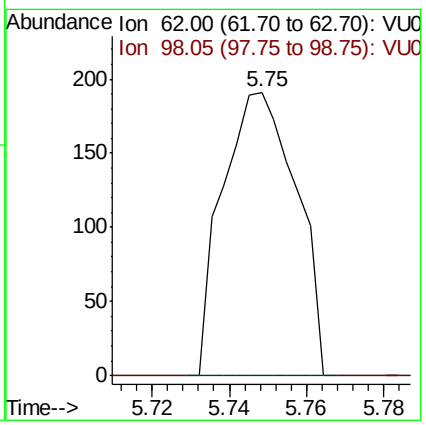


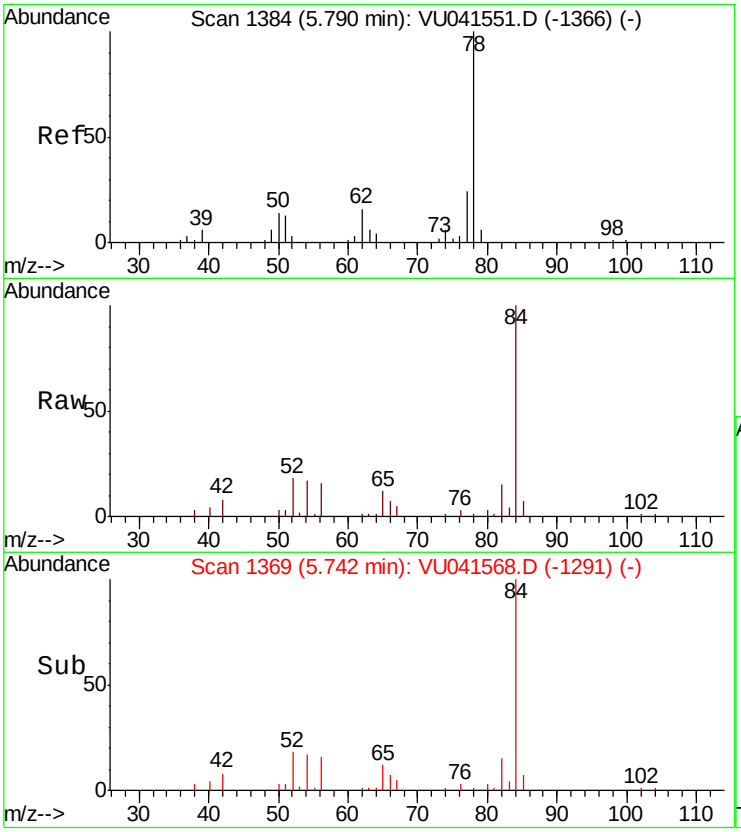


#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Tgt Ion: 62 Resp: 253

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

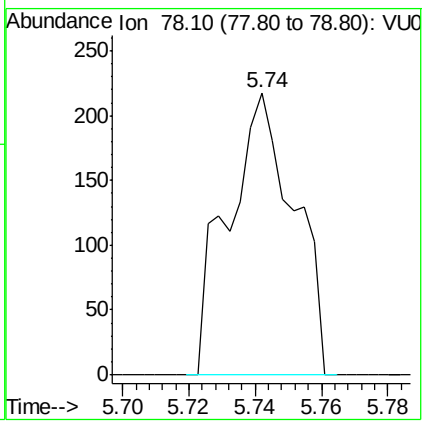


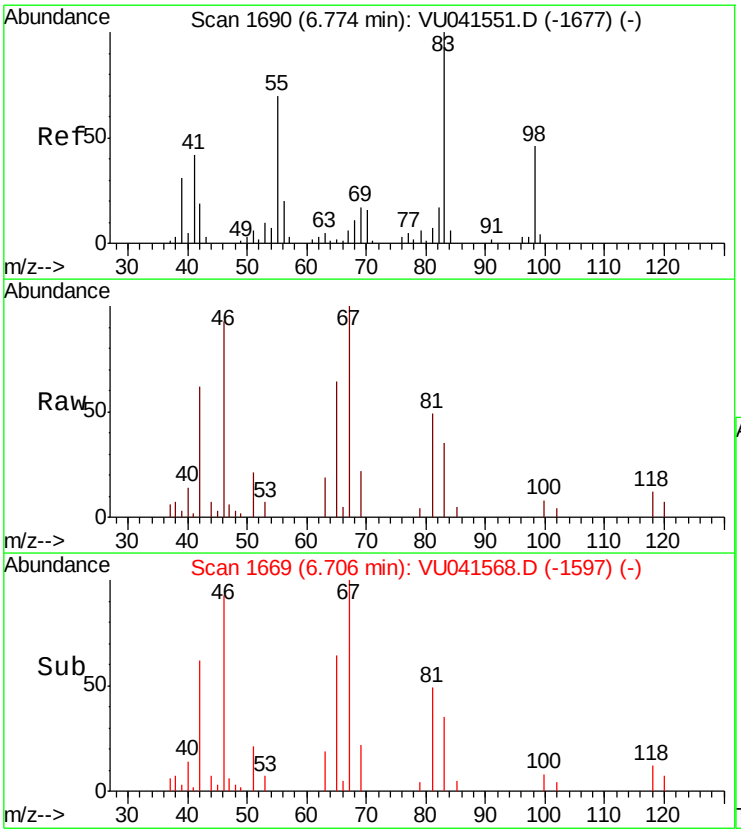


#33
Benzene
Concen: 0.028 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.05 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Instrument :
MSVOA_U
ClientSampleId :
GB1J0

Tgt Ion: 78 Resp: 303

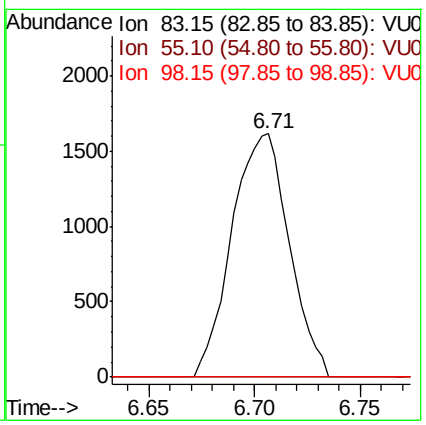


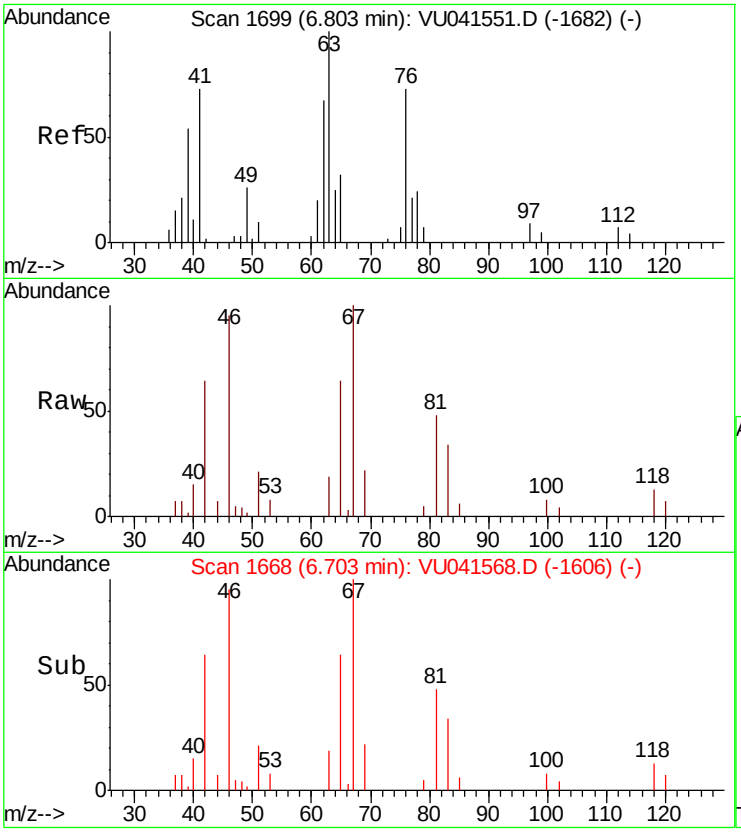


#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Tgt Ion: 83 Resp: 3053

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



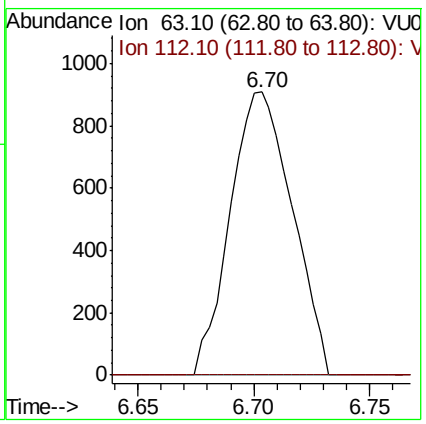


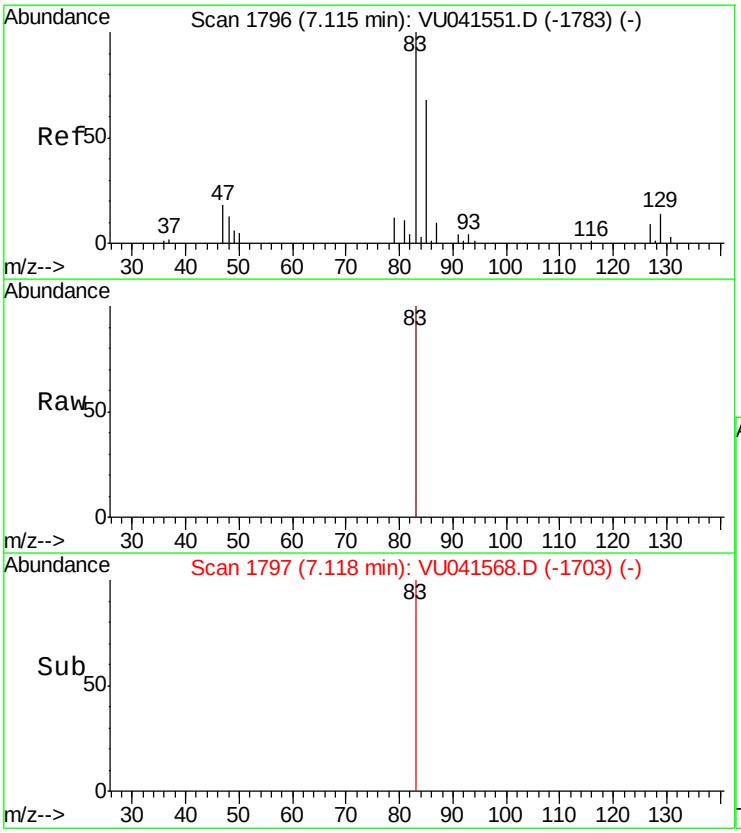
#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Instrument : MSVOA_U
ClientSampleId : GB1J0

Tgt Ion: 63 Resp: 1686

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#

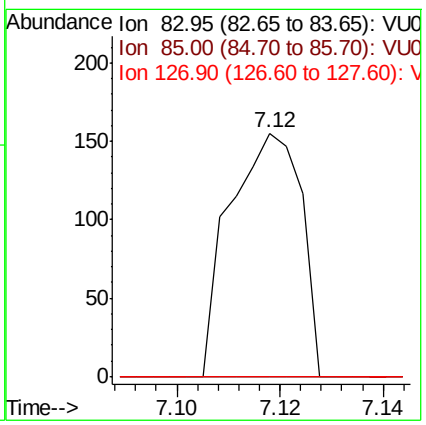


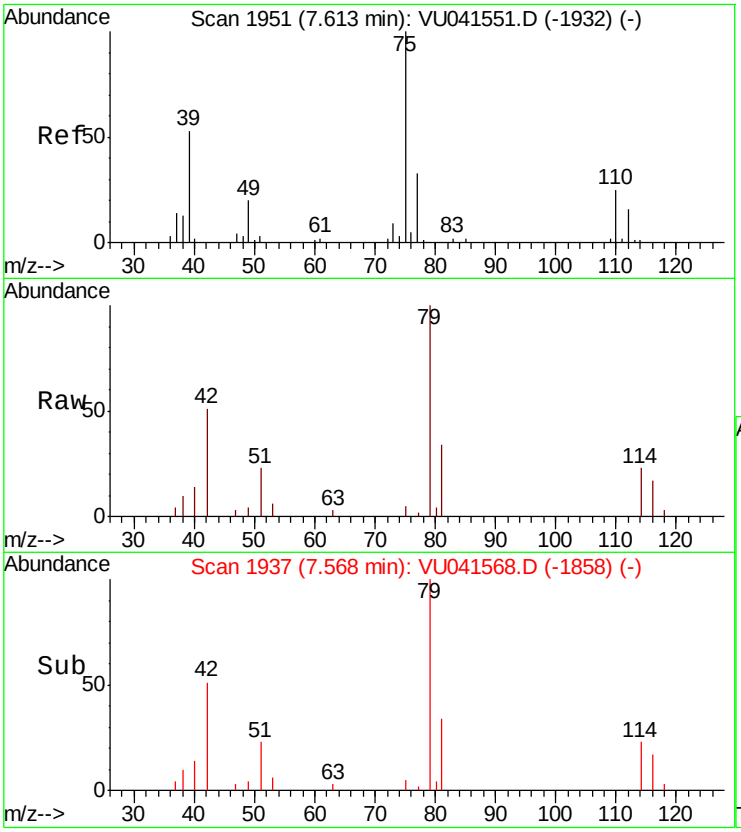


#38
Bromodichloromethane
Concen: 0.033 ug/L
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Tgt Ion: 83 Resp: 149

Ion	Ratio	Lower	Upper
83	100		
85	0.0	46.7	86.7#
127	0.0	6.6	10.0#



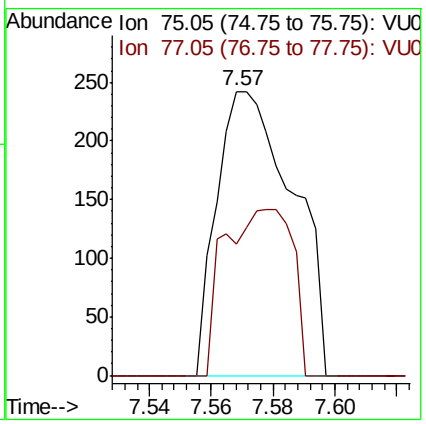


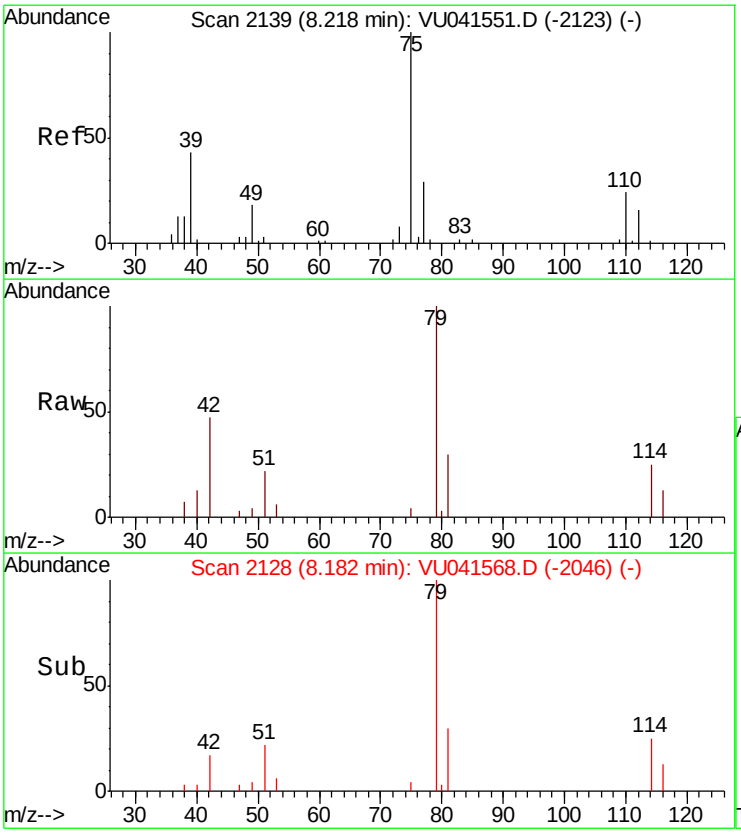
#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Instrument : MSVOA_U
ClientSampleId : GB1J0

Tgt Ion: 75 Resp: 415

Ion	Ratio	Lower	Upper
75	100		
77	46.3	24.0	44.6#

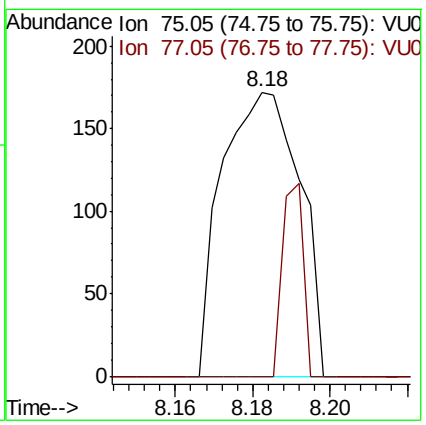


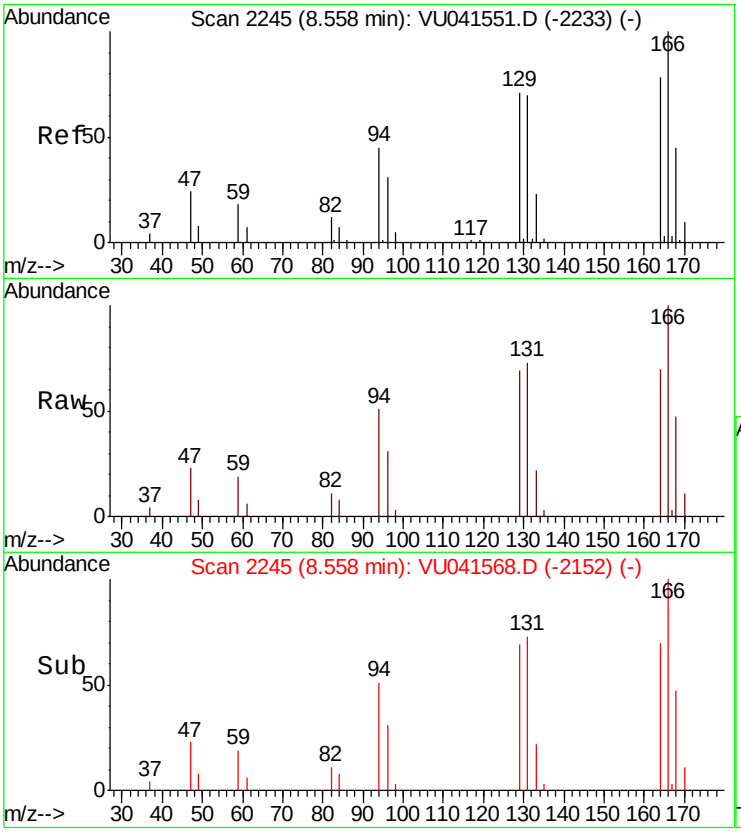


#44
trans-1,3-Dichloropropene
Concen: 0.053 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.04 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Tgt Ion: 75 Resp: 241

Ion	Ratio	Lower	Upper
75	100		
77	0.0	22.7	42.3#



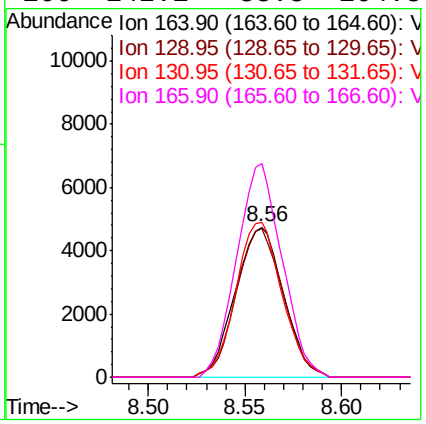


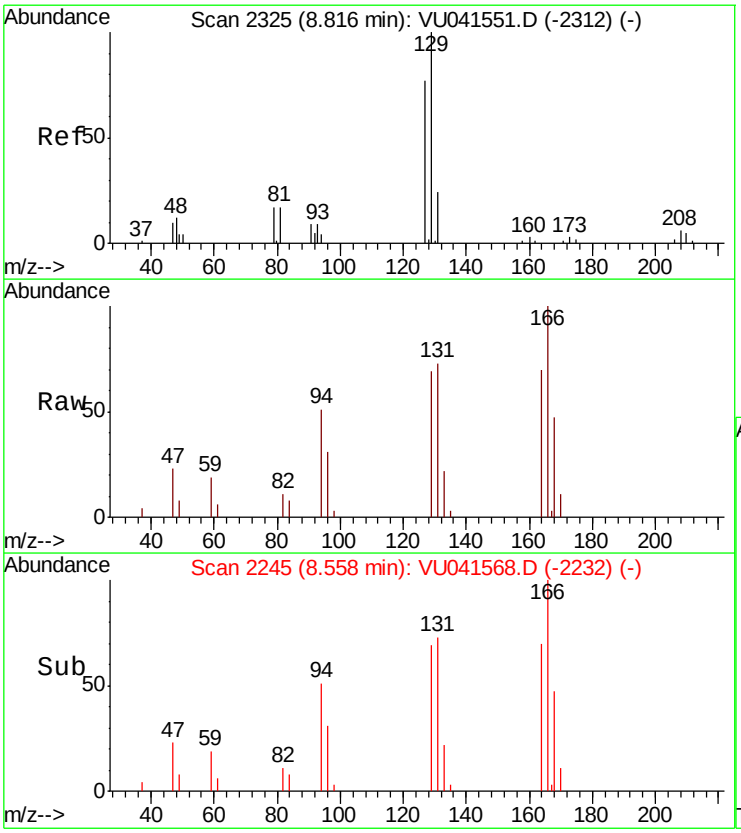
#47
Tetrachloroethene
Concen: 3.234 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Instrument : MSVOA_U
ClientSampleId : GB1J0

Tgt Ion:164 Resp: 8239

Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.1	124.7
131	103.3	63.3	117.7
166	142.1	88.8	164.8

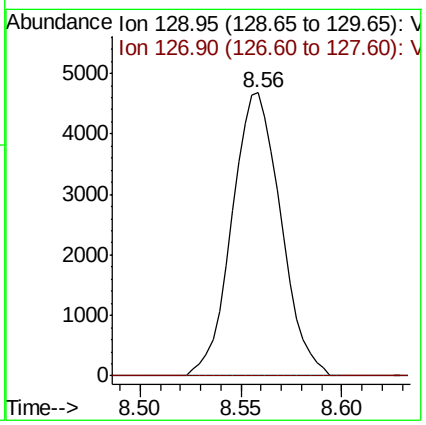


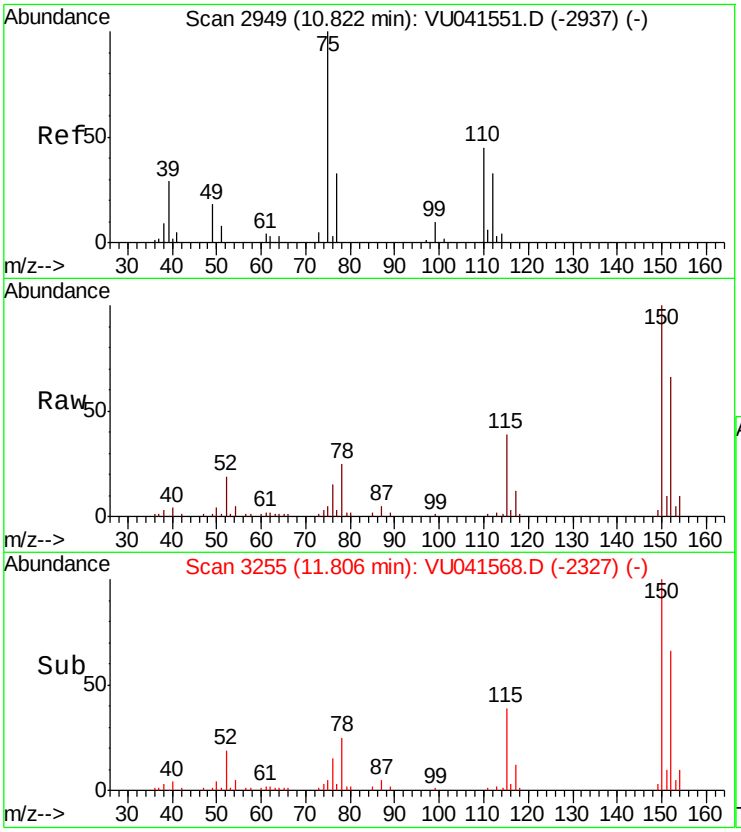


#49
Dibromochloromethane
Concen: 2.408 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Tgt Ion:129 Resp: 7925

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#





#59
1,2,3-Trichloropropane
Concen: 0.670 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041568.D
Acq: 11 Dec 2020 04:35

Instrument :
MSVOA_U
ClientSampleId :
GB1J0

Tgt Ion: 75 Resp: 1628

Ion	Ratio	Lower	Upper
75	100		
77	52.5	26.3	39.5#