Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110620\
Data File : VU041122.D
Acq On : 06 Nov 2020 18:58
Operator : SY/MD
Sample : L4648-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AB1DL

Quant Time: Nov 06 23:12:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 06 23:04:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63785	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	66317	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29378	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	19993	3.73	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.60%				
7) Chloroethane-d5	1.92	69	18024	4.38	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%				
11) 1,1-Dichloroethene-d2	2.58	63	31904	3.04	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%				
20) 2-Butanone-d5	4.65	46	91753	51.99	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.98%				
24) Chloroform-d	5.08	84	47046	4.97	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%				
26) 1,2-Dichloroethane-d4	5.72	65	29552	5.03	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%				
32) Benzene-d6	5.74	84	85569	4.82	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%				
36) 1,2-Dichloropropane-d6	6.70	67	30494	5.28	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%				
41) Toluene-d8	7.91	98	71121	4.43	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%				
43) trans-1,3-Dichloropropene-	8.19	79	11845	4.73	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%				
46) 2-Hexanone-d5	8.64	63	66810	49.57	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.14%				
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26484	4.94	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%				
64) 1,2-Dichlorobenzene-d4	12.19	152	29781	5.78	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.60%				
Target Compounds							Qvalue
9) Trichlorofluoromethane	2.15	101	18627	2.288	ug/L		99
16) Methylene chloride	3.06	84	1010	0.192	ug/L		91
25) Chloroform	5.11	83	1207	0.131	ug/L		94
27) 1,2-Dichloroethane	5.75	62	579	0.085	ug/L	#	74
33) Benzene	5.74	78	669	0.034	ug/L		100
34) Trichloroethene	6.55	95	357	0.071	ug/L		89
35) Methylcyclohexane	6.70	83	6812	0.906	ug/L	#	13
37) 1,2-Dichloropropane	6.70	63	3598	0.671	ug/L	#	86
39) cis-1,3-Dichloropropene	7.58	75	843	0.114	ug/L	#	76
44) trans-1,3-Dichloropropene	8.19	75	547	0.079	ug/L	#	82
45) 1,1,2-Trichloroethane	8.56	97	210	0.053	ug/L	#	1
47) Tetrachloroethene	8.56	164	35352	9.534	ug/L		95
49) Dibromochloromethane	8.56	129	35540	7.667	ug/L	#	11
59) 1,2,3-Trichloropropane	11.81	75	3812	0.954	ug/L	#	87
68) 1,2,4-trichlorobenzene	13.83	180	219	0.045	ug/L	#	42

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110620\
Data File : VU041122.D
Acq On : 06 Nov 2020 18:58
Operator : SY/MD
Sample : L4648-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB1DL

Quant Time: Nov 06 23:12:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 06 23:04:51 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\VU110620\
Data File : VU041122.D
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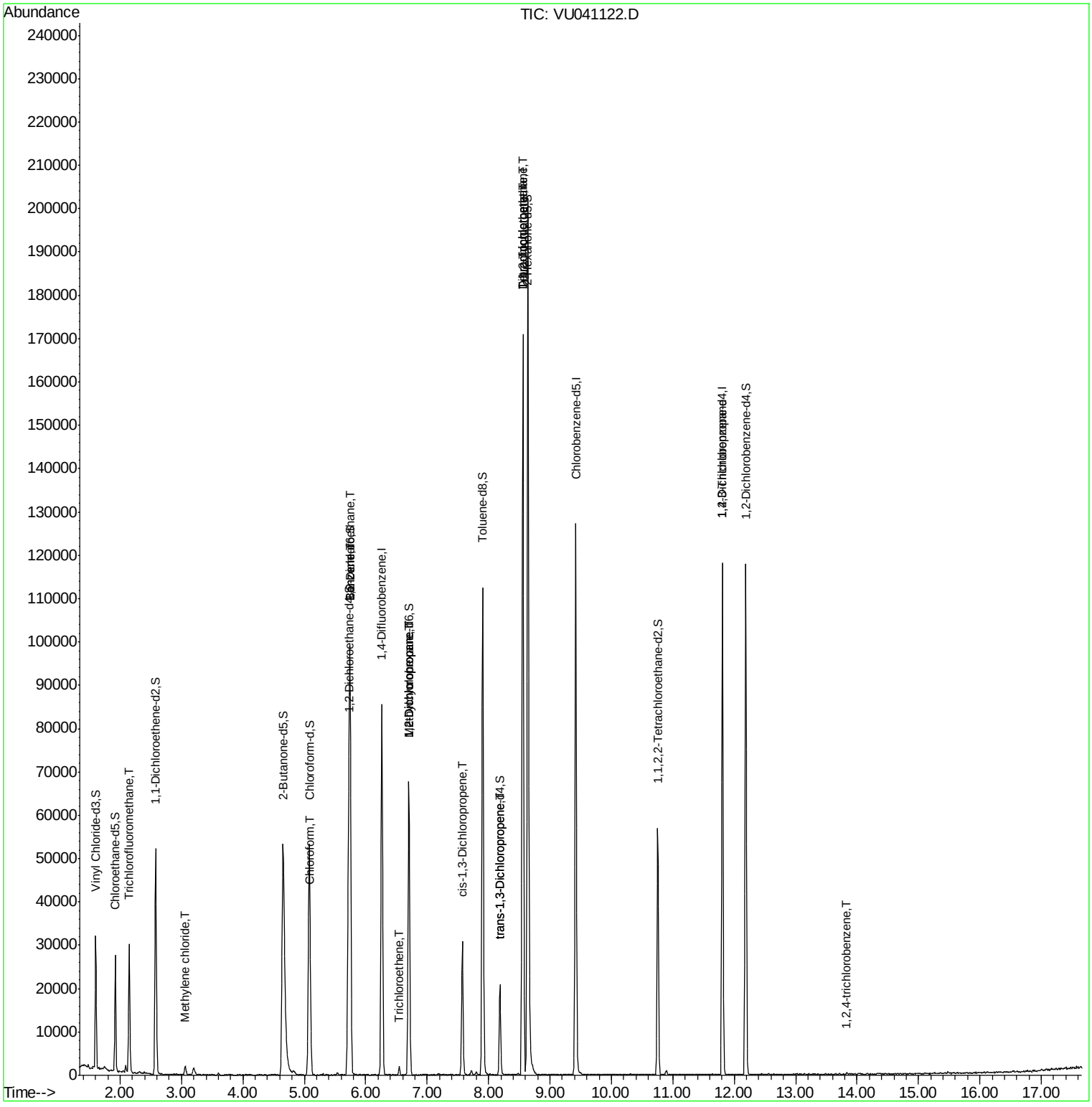
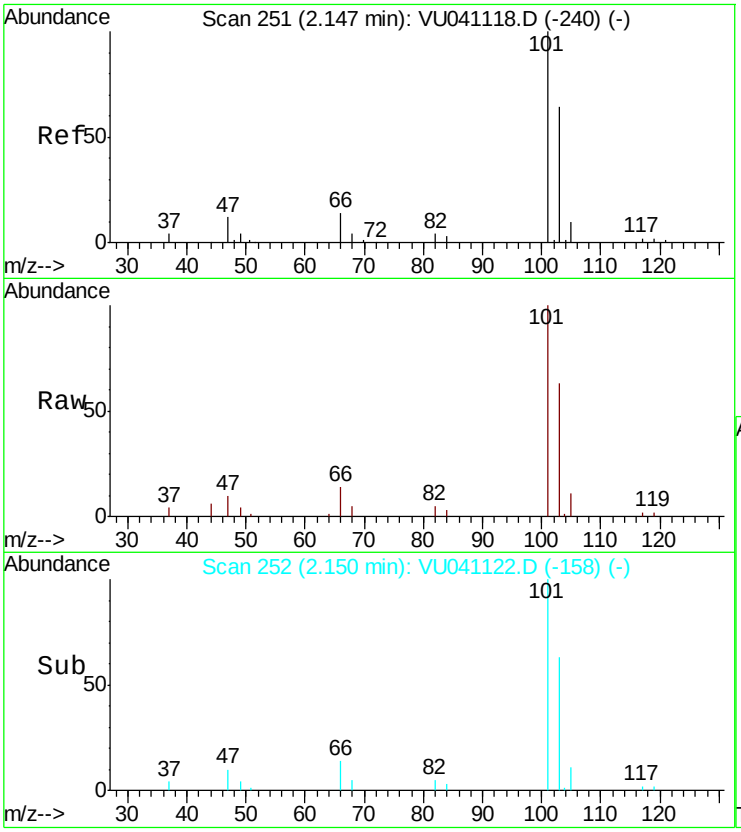


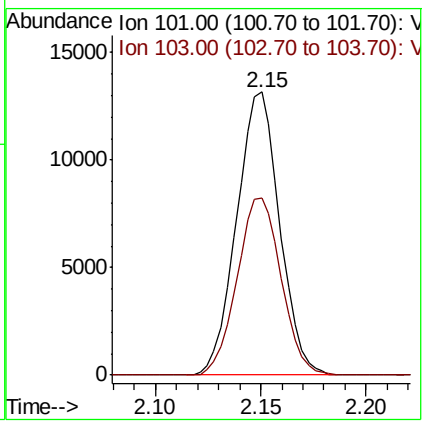


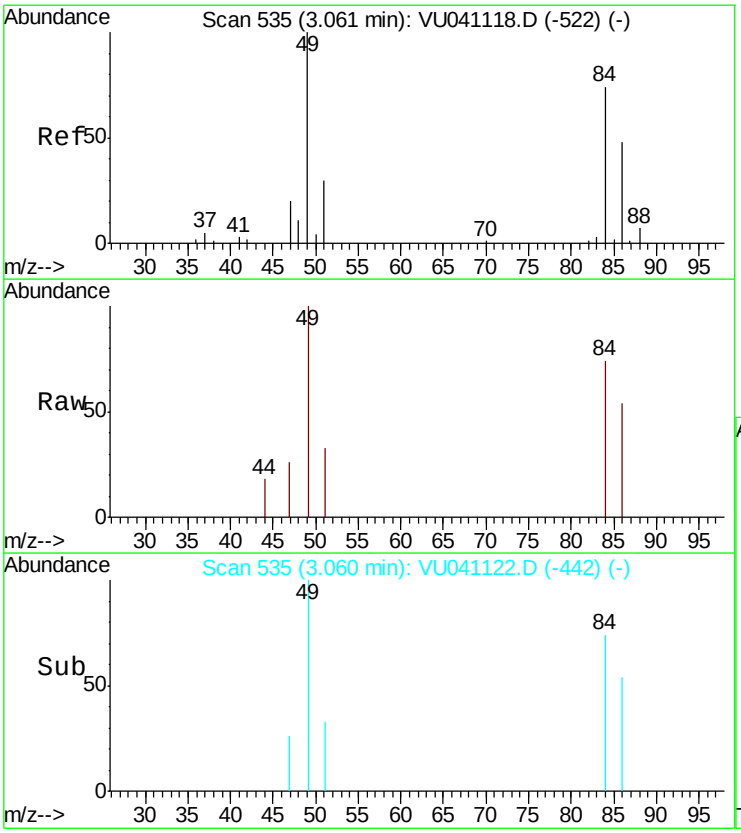
#9
Trichlorofluoromethane
Concen: 2.288 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :
C0AB1DL

Tgt Ion:101 Resp: 18627

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.0	76.4

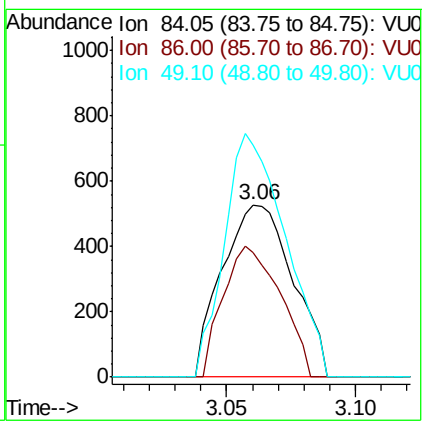


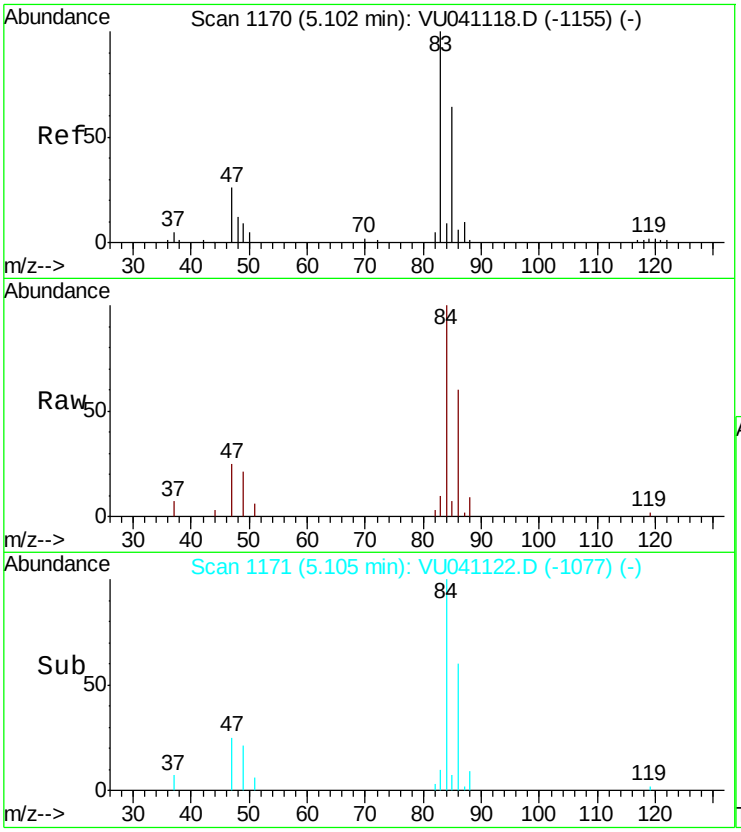


#16
Methylene chloride
Concen: 0.192 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Tgt Ion: 84 Resp: 1010

Ion	Ratio	Lower	Upper
84	100		
86	72.5	42.8	79.6
49	134.8	99.5	184.7



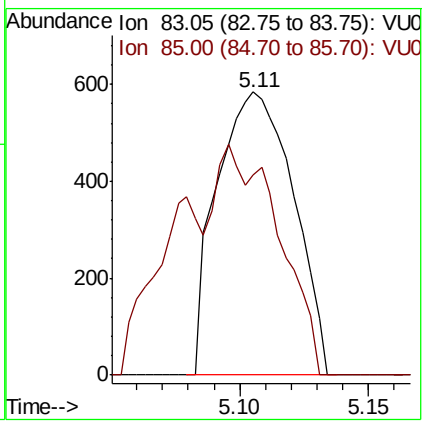


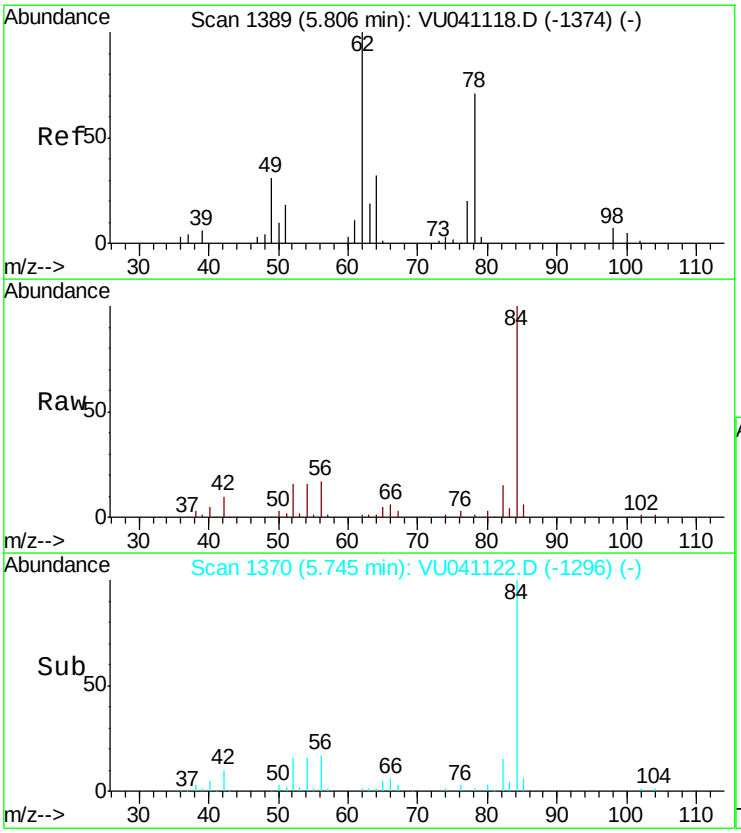
#25
Chloroform
Concen: 0.131 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :
C0AB1DL

Tgt Ion: 83 Resp: 1207

Ion	Ratio	Lower	Upper
83	100		
85	70.5	46.1	85.7

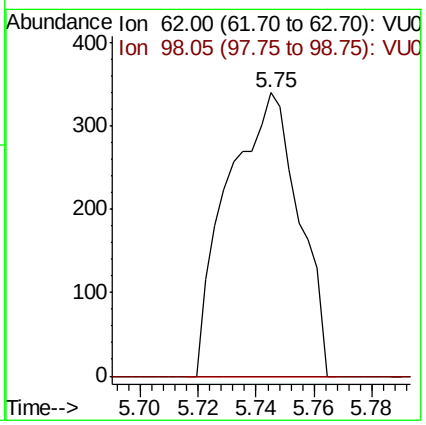


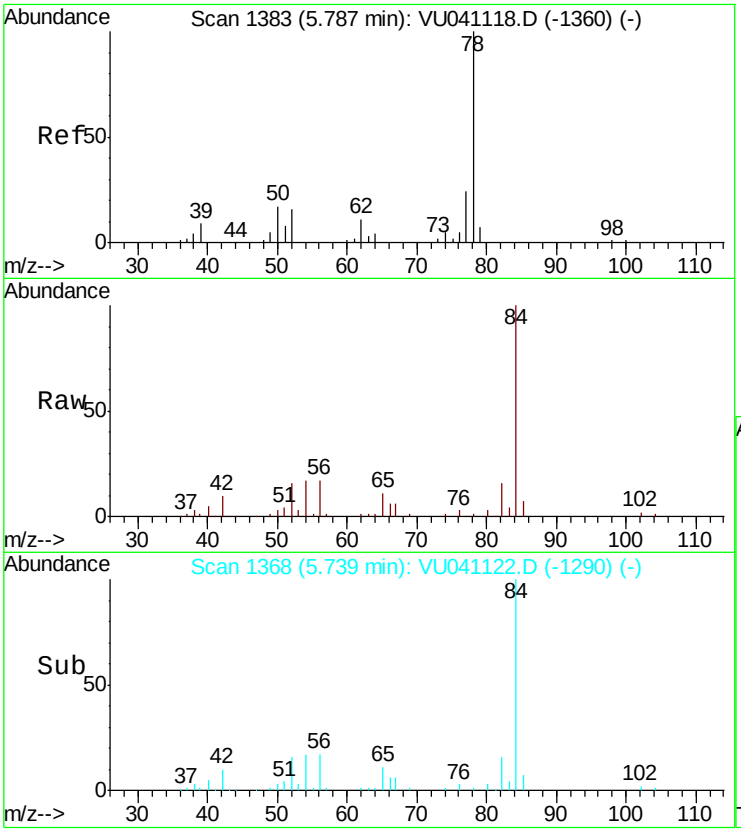


#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Tgt Ion: 62 Resp: 579

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

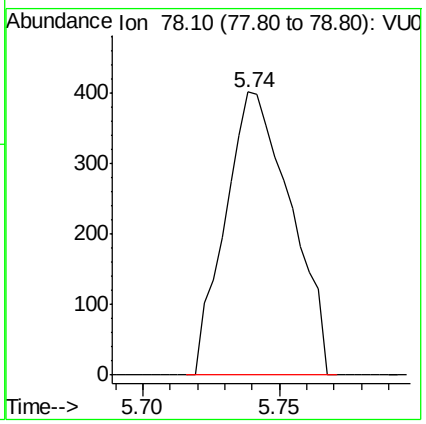


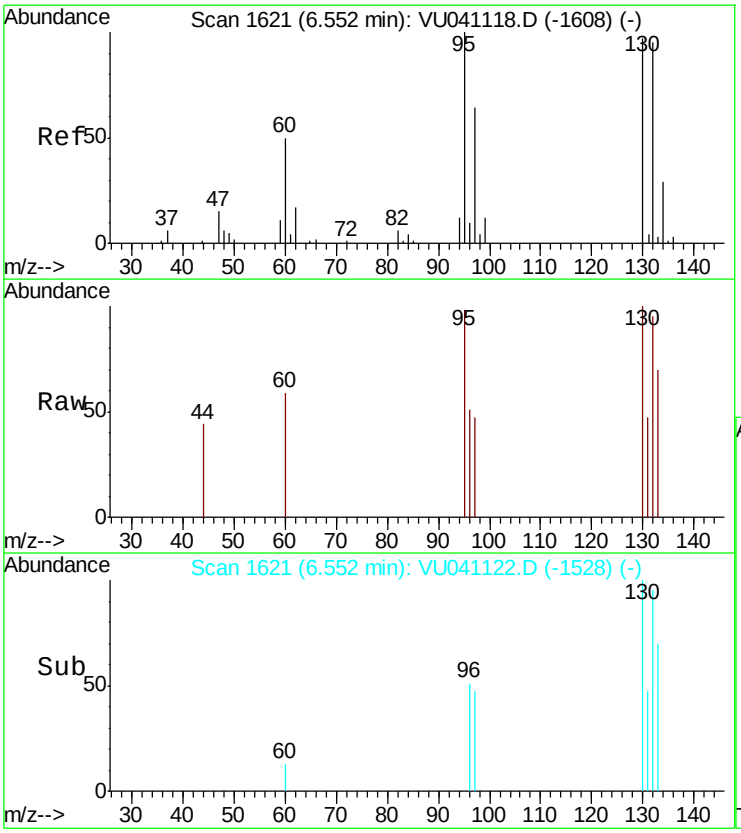


#33
Benzene
Concen: 0.034 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :
C0AB1DL

Tgt Ion: 78 Resp: 669

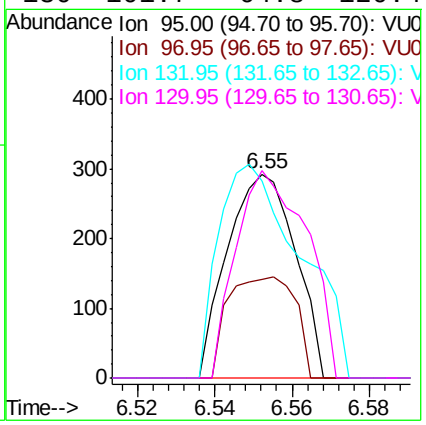


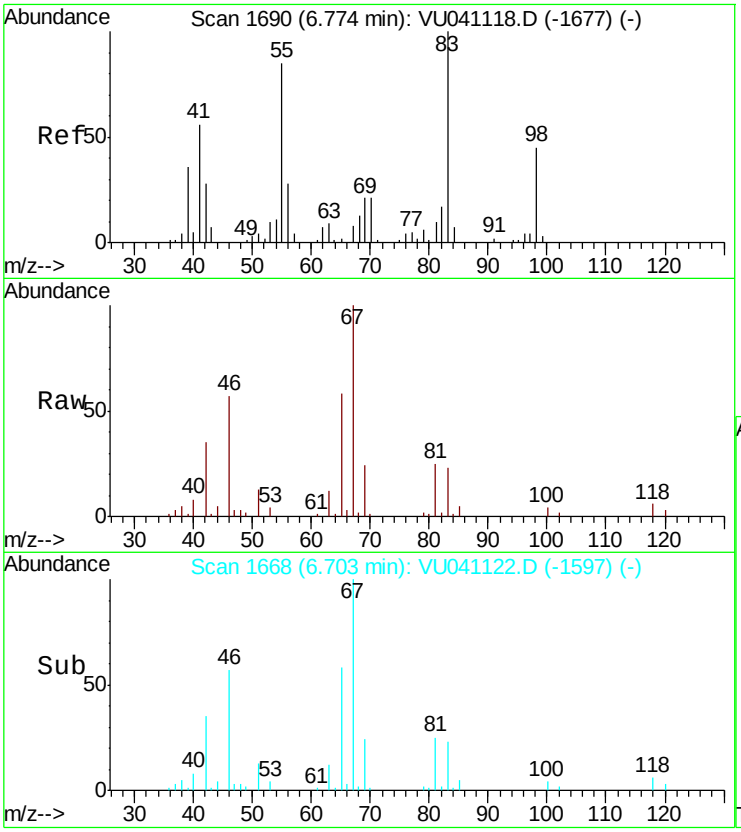


#34
Trichloroethene
Concen: 0.071 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Tgt Ion: 95 Resp: 357

Ion	Ratio	Lower	Upper
95	100		
97	48.3	45.6	84.6
132	96.9	64.8	120.4
130	101.7	64.8	120.4



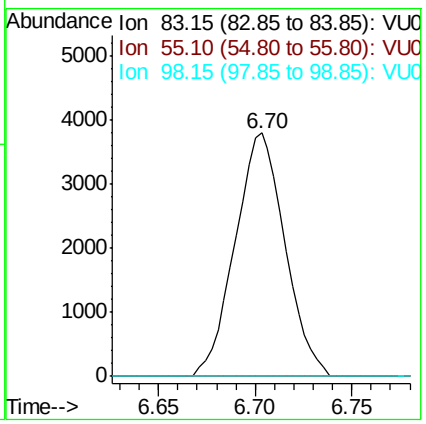


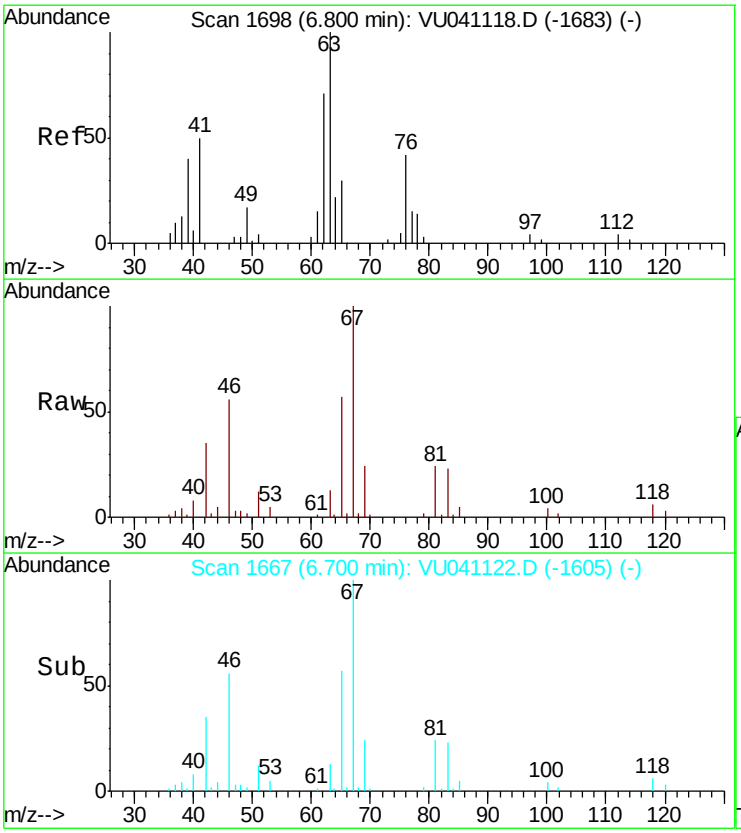
#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Instrument : MSVOA_U
ClientSampleId : C0AB1DL

Tgt Ion: 83 Resp: 6812

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.3	36.6	55.0#

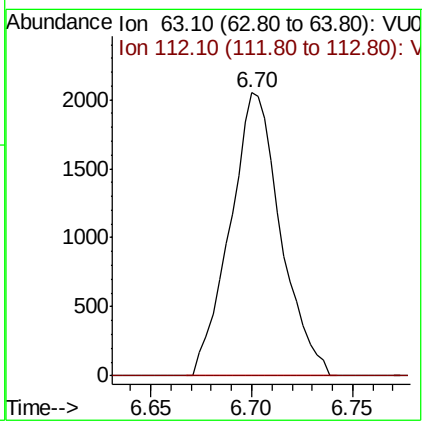


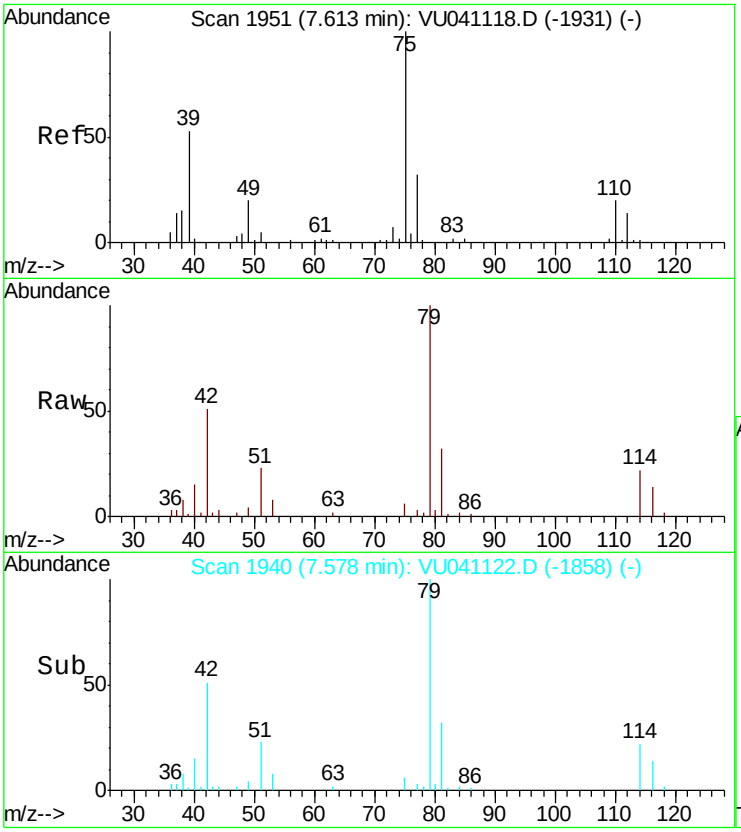


#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Tgt Ion: 63 Resp: 3598

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



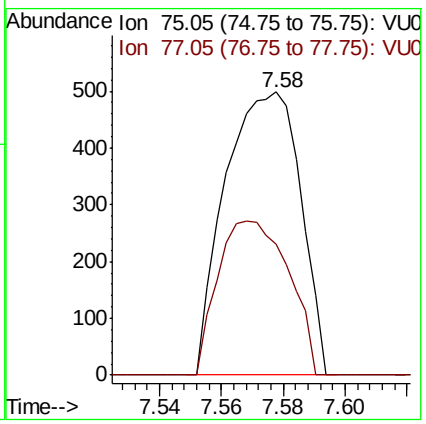


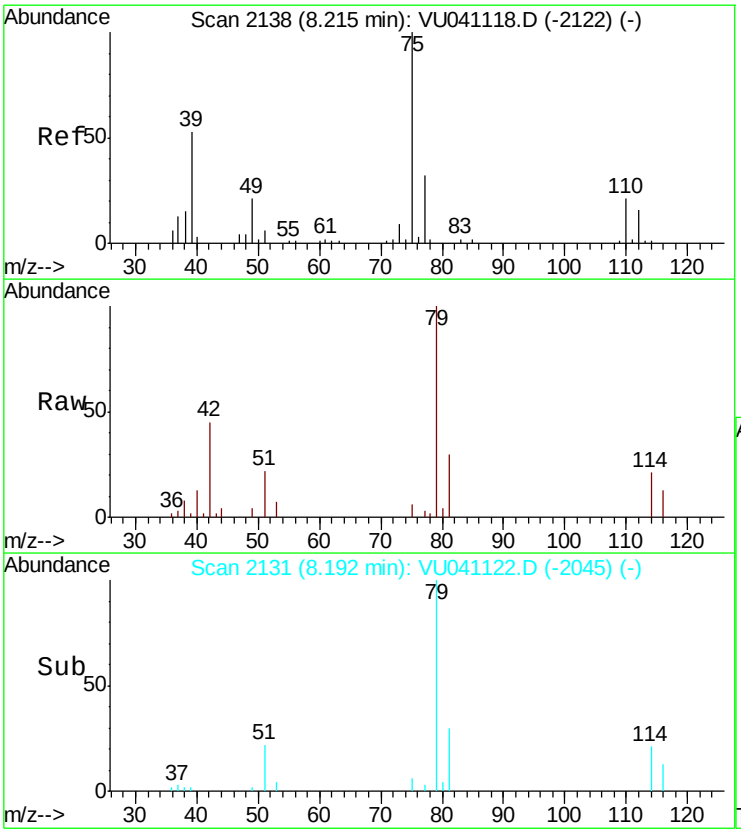
#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :
C0AB1DL

Tgt Ion: 75 Resp: 843

Ion	Ratio	Lower	Upper
75	100		
77	46.2	22.7	42.3#

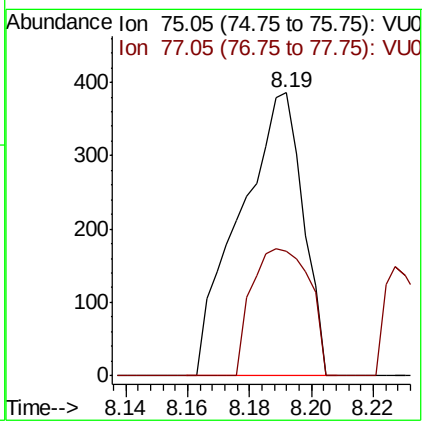


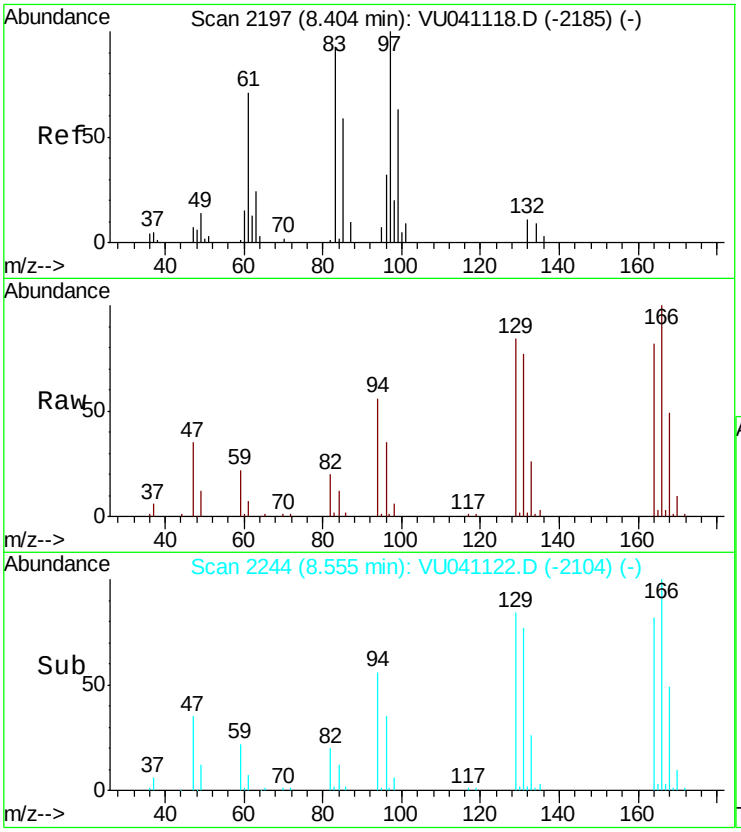


#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Tgt Ion: 75 Resp: 547

Ion	Ratio	Lower	Upper
75	100		
77	43.8	23.3	43.3#



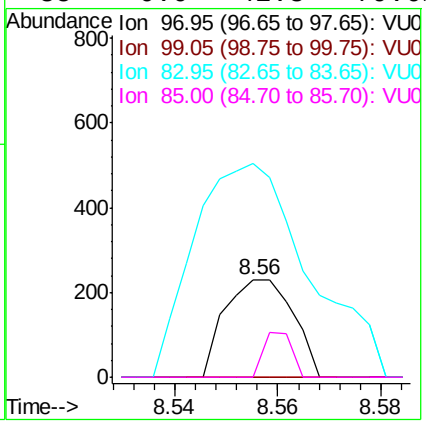


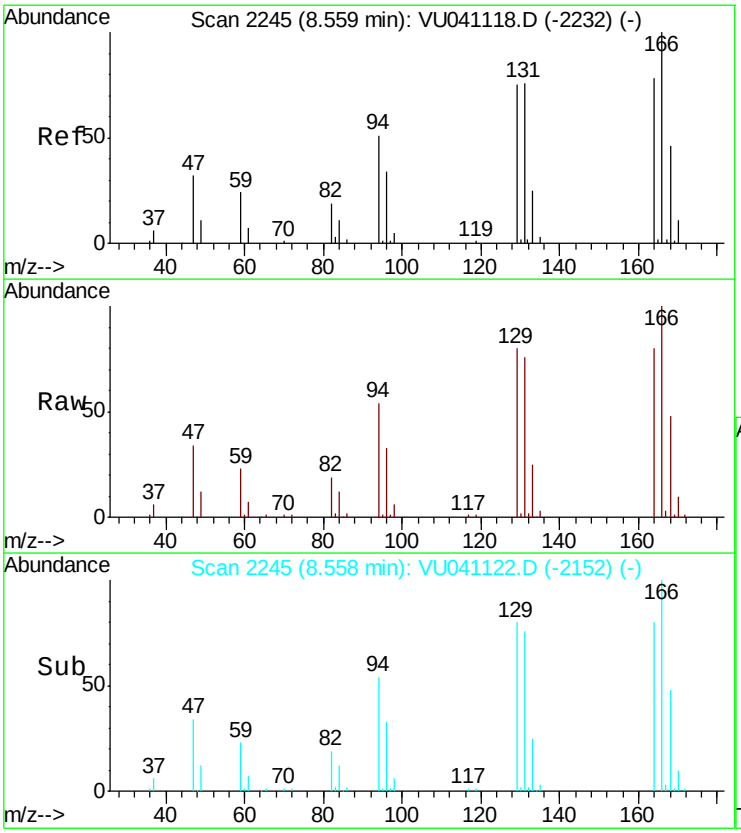
#45
1,1,2-Trichloroethane
Concen: 0.053 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.15 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :
C0AB1DL

Tgt Ion: 97 Resp: 210

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.2#
83	218.2	67.9	126.1#
85	0.0	42.8	79.6#

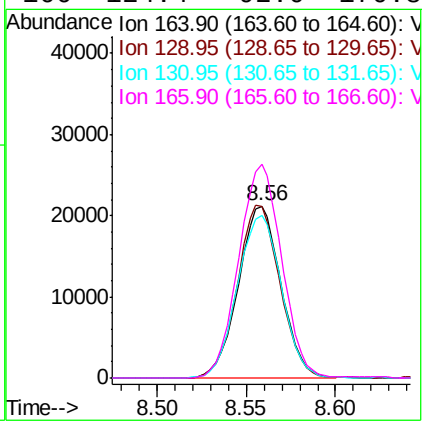


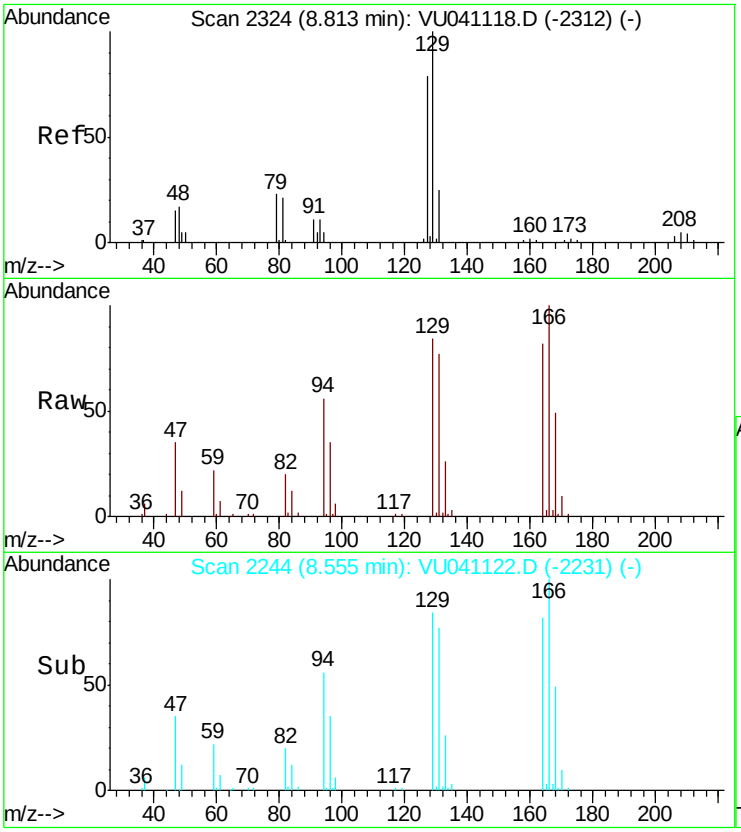


#47
Tetrachloroethene
Concen: 9.534 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Tgt Ion:164 Resp: 35352

Ion	Ratio	Lower	Upper
164	100		
129	100.1	70.3	130.7
131	94.3	70.8	131.4
166	124.4	92.0	170.8



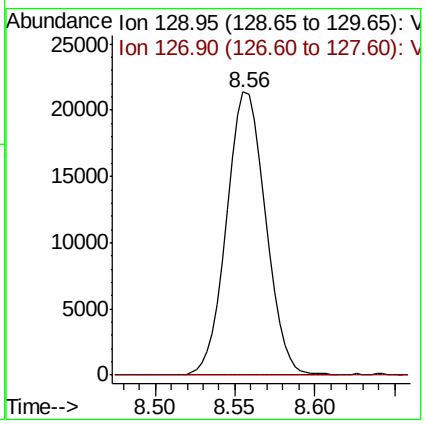


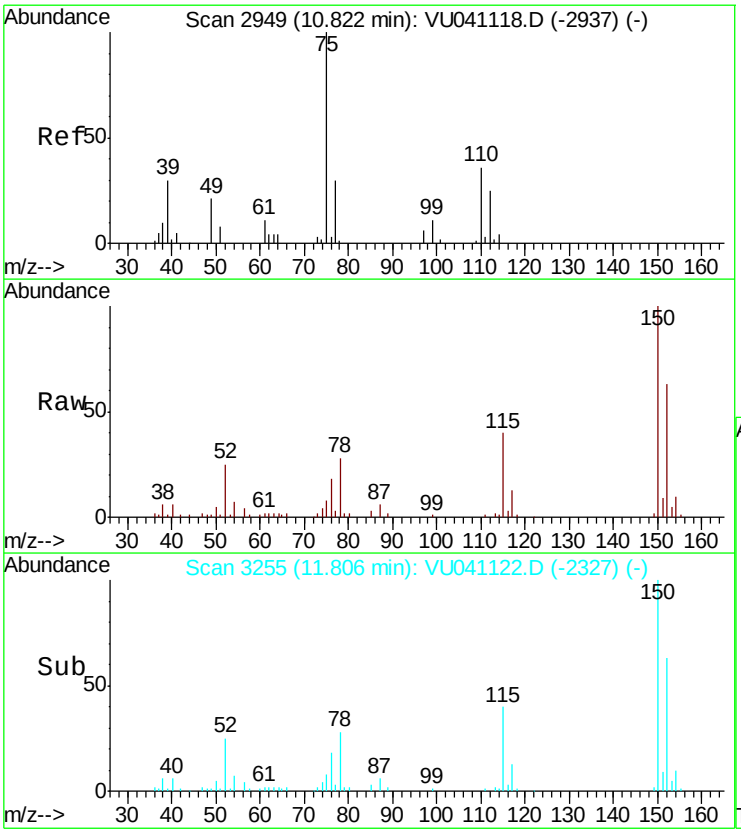
#49
Dibromochloromethane
Concen: 7.667 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :
C0AB1DL

Tgt Ion:129 Resp: 35540

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#

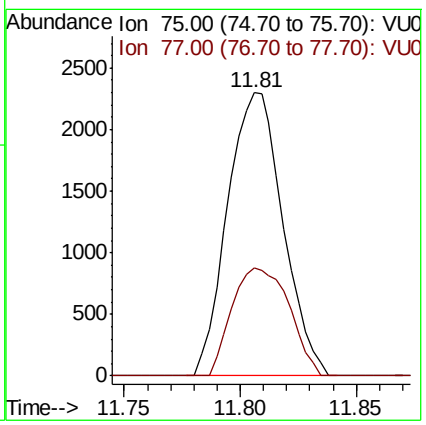


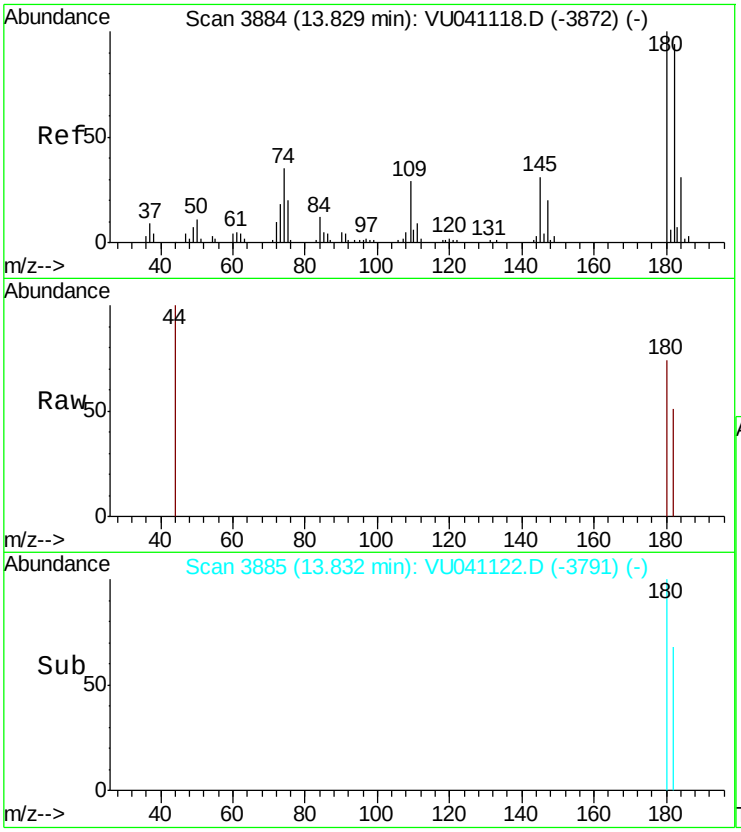


#59
1,2,3-Trichloropropane
Concen: 0.954 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Tgt Ion: 75 Resp: 3812

Ion	Ratio	Lower	Upper
75	100		
77	39.4	25.7	38.5#





#68
1,2,4-trichlorobenzene
Concen: 0.045 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU041122.D
Acq: 06 Nov 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :
C0AB1DL

Tgt Ion:180 Resp: 219

Ion	Ratio	Lower	Upper
180	100		
182	37.0	73.5	110.3#
145	0.0	26.6	40.0#