Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041035.D
Acq On : 30 Oct 2020 11:20
Operator : SY/MD
Sample : L4558-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Quant Time: Oct 31 00:01:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 23:53:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54831	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22977	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	16057	3.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.60%			
7) Chloroethane-d5	1.93	69	13464	3.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.00%			
11) 1,1-Dichloroethene-d2	2.58	63	24808	2.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.00%#			
20) 2-Butanone-d5	4.67	46	88488	58.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.66%			
24) Chloroform-d	5.08	84	34668	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
26) 1,2-Dichloroethane-d4	5.72	65	23187	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.74	84	59785	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.00%			
36) 1,2-Dichloropropane-d6	6.70	67	21993	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.20%			
41) Toluene-d8	7.91	98	45705	3.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.80%#			
43) trans-1,3-Dichloropropene-	8.19	79	8758	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.64	63	58858	50.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.08%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21707	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	18762	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	432	0.083	ug/L	84
8) Chloroethane	1.95	64	132	0.040	ug/L #	43
9) Trichlorofluoromethane	2.15	101	34342	4.907	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	193	0.047	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	658	0.170	ug/L #	1
13) Acetone	2.68	43	1353	1.305	ug/L	72
15) Methyl Acetate	2.99	43	219	0.092	ug/L #	53
25) Chloroform	5.11	83	2676	0.339	ug/L	95
27) 1,2-Dichloroethane	5.74	62	259	0.044	ug/L #	74
29) 1,1,1-Trichloroethane	5.34	97	863	0.123	ug/L #	78
31) Carbon tetrachloride	5.54	117	649	0.105	ug/L	100
34) Trichloroethene	6.55	95	3740	0.858	ug/L	90
35) Methylcyclohexane	6.70	83	4896	0.753	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2626	0.567	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	545	0.085	ug/L #	67
44) trans-1,3-Dichloropropene	8.18	75	406	0.068	ug/L #	76
45) 1,1,2-Trichloroethane	8.55	97	245	0.071	ug/L #	10

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041035.D
Acq On : 30 Oct 2020 11:20
Operator : SY/MD
Sample : L4558-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Quant Time: Oct 31 00:01:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 23:53:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.56	164	28803	8.989	ug/L		97
48) 2-Hexanone	8.64	43	9178	3.299	ug/L	#	72
49) Dibromochloromethane	8.56	129	29303	7.316	ug/L	#	11
59) 1,2,3-Trichloropropane	11.81	75	3403	0.985	ug/L		94

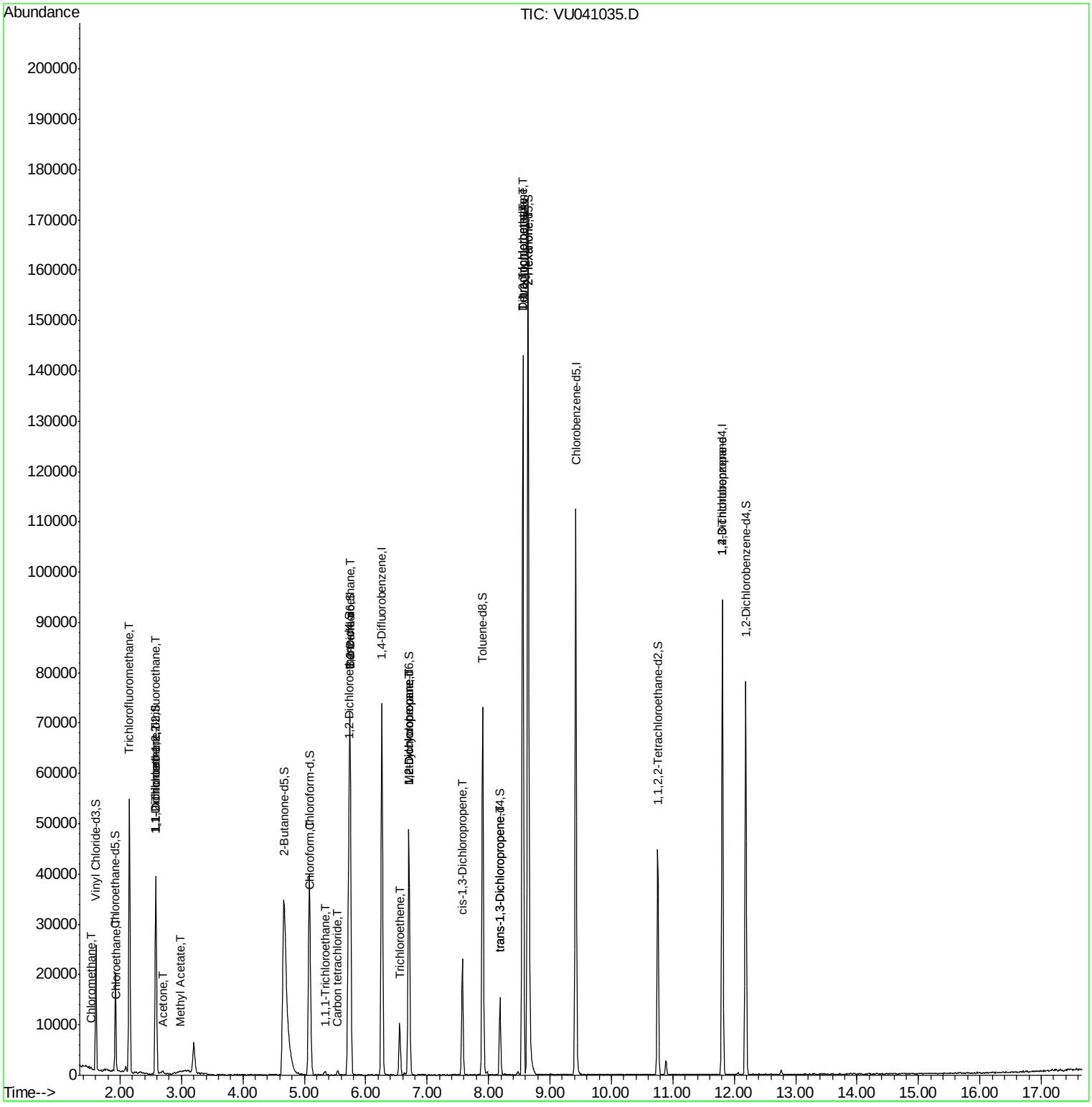
(#) = qualifier out of range (m) = manual integration (+) = signals summed

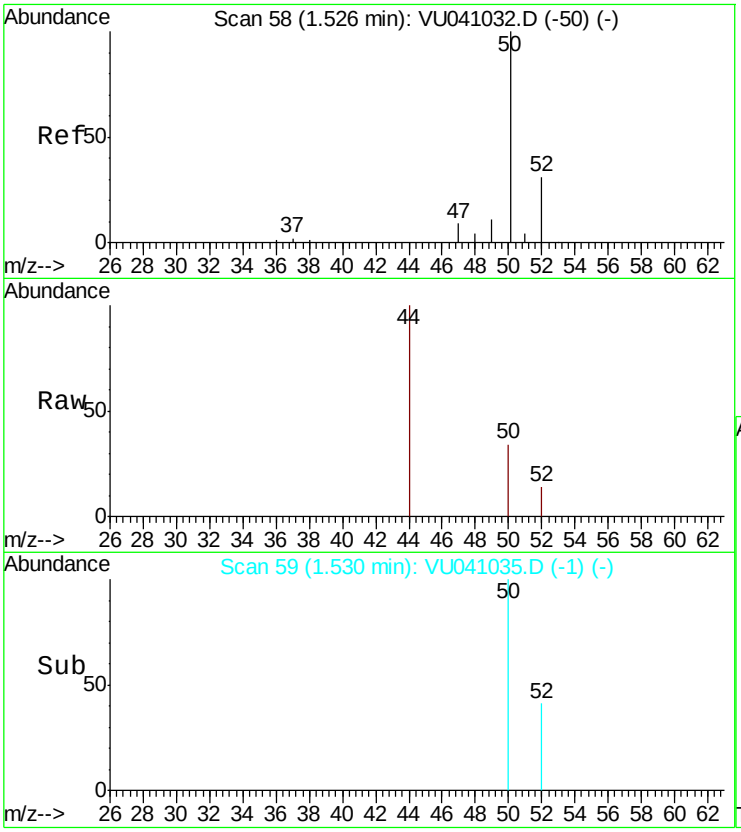
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041035.D
Acq On : 30 Oct 2020 11:20
Operator : SY/MD
Sample : L4558-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Quant Time: Oct 31 00:01:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 23:53:53 2020
Response via : Initial Calibration



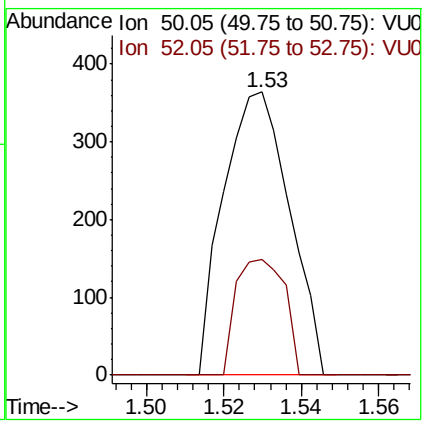


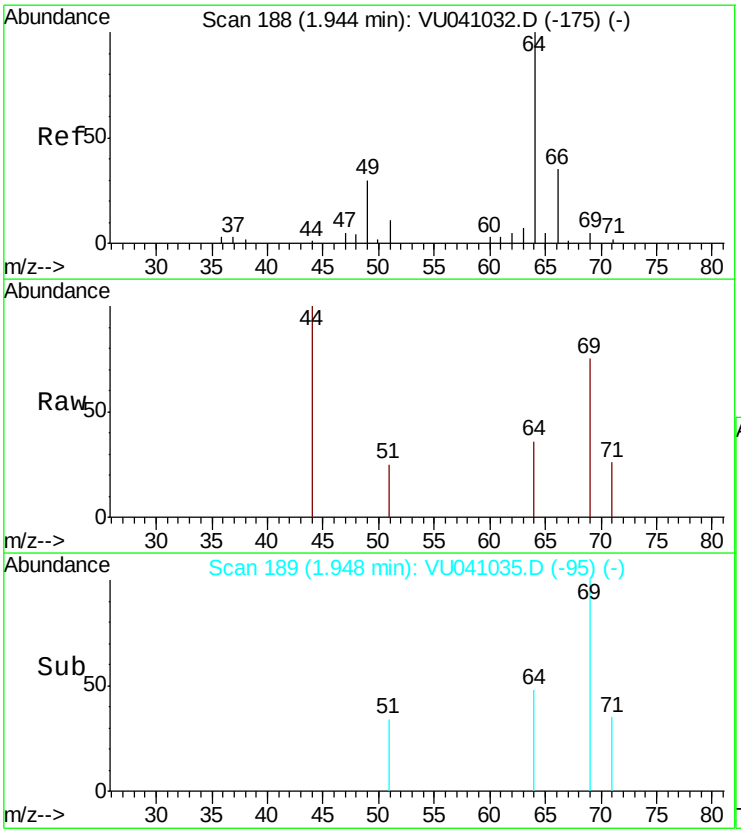
#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion: 50 Resp: 432

Ion	Ratio	Lower	Upper
50	100		
52	40.7	22.4	41.6

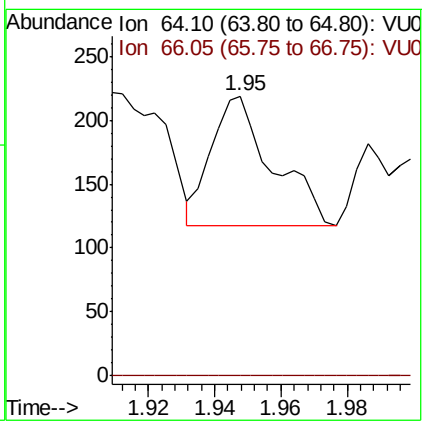


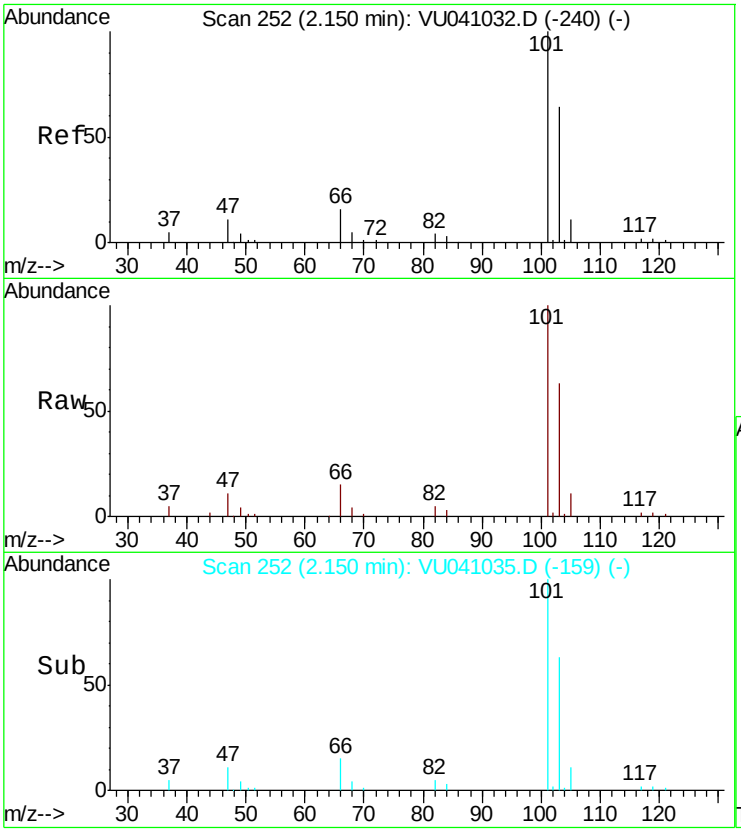


#8
Chloroethane
Concen: 0.040 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion: 64 Resp: 132

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#



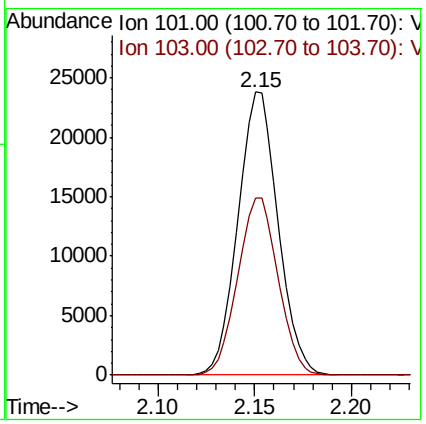


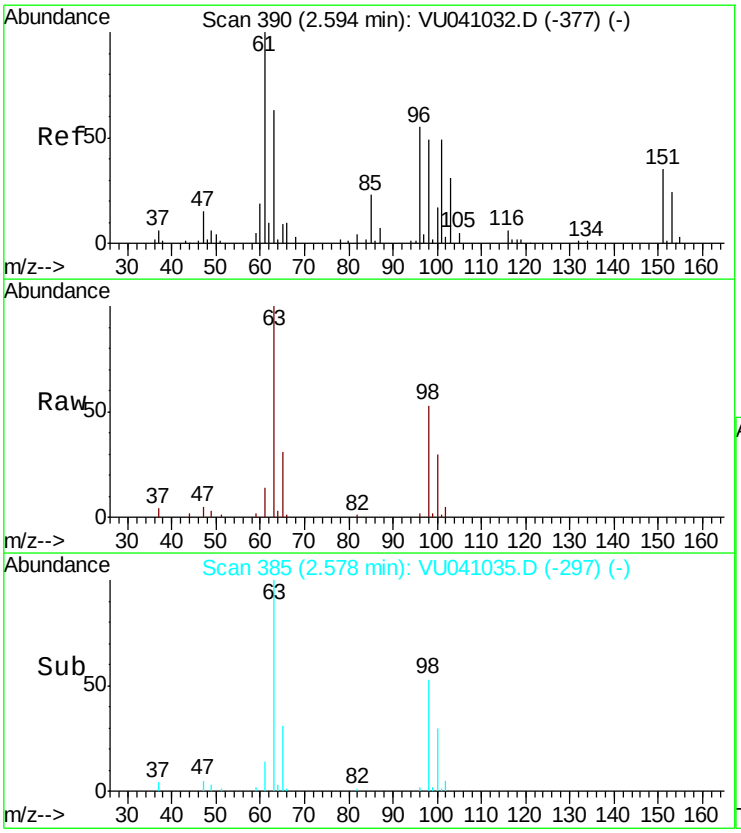
#9
Trichlorofluoromethane
Concen: 4.907 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion:101 Resp: 34342

Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.0	76.4

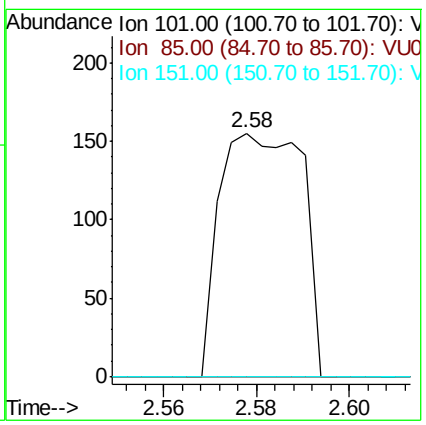


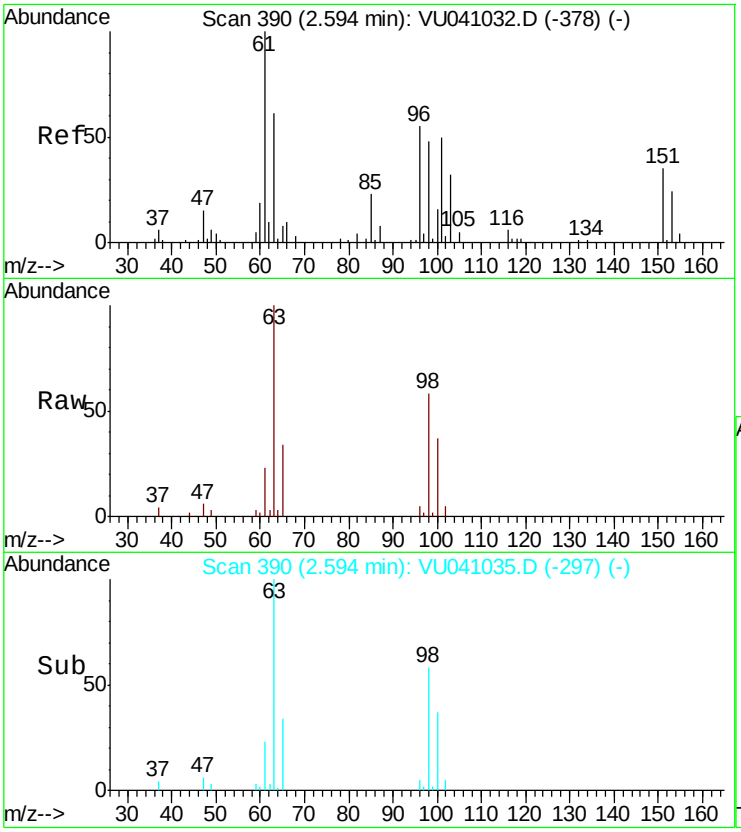


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion:101 Resp: 193

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.4#
151	0.0	55.3	82.9#



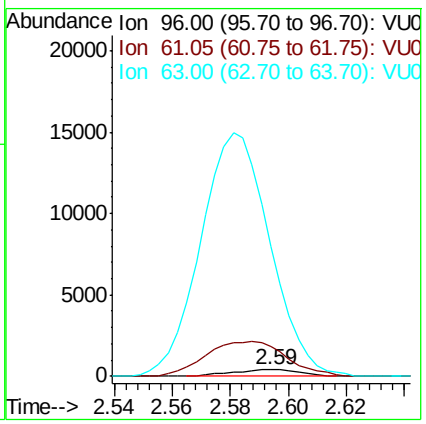


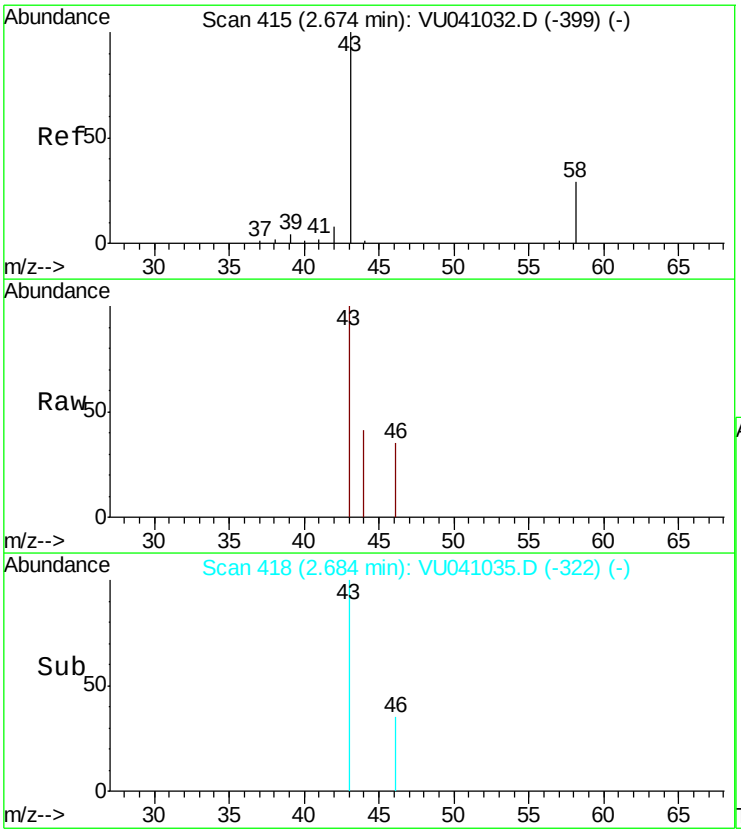
#12
1,1-Dichloroethene
Concen: 0.170 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 96 Resp: 658

Ion	Ratio	Lower	Upper
96	100		
61	445.9	134.3	249.5#
63	1929.7	95.0	176.4#

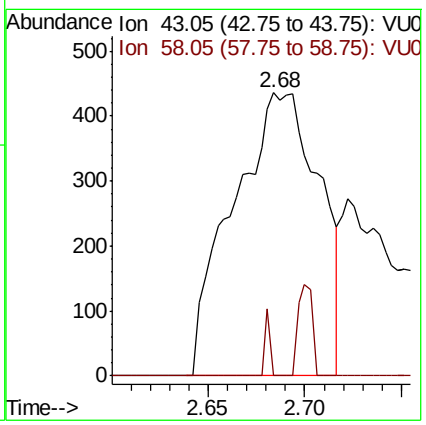


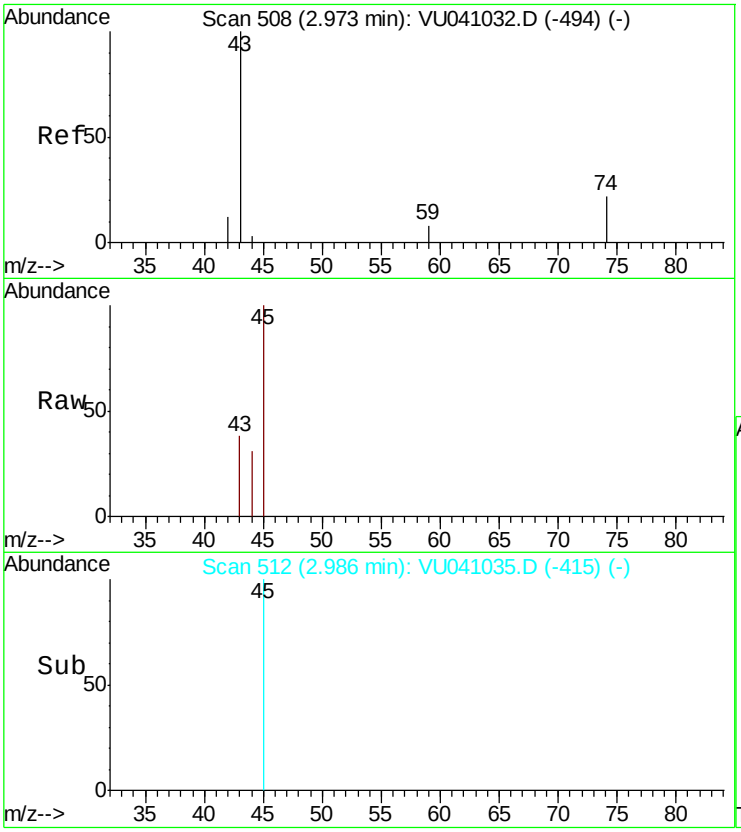


#13
Acetone
Concen: 1.305 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.01 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion: 43 Resp: 1353

Ion	Ratio	Lower	Upper
43	100		
58	1.5	0.0	25.4



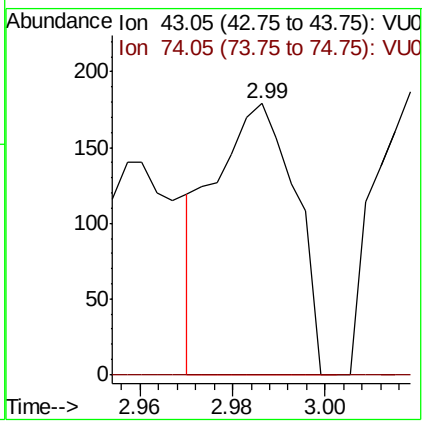


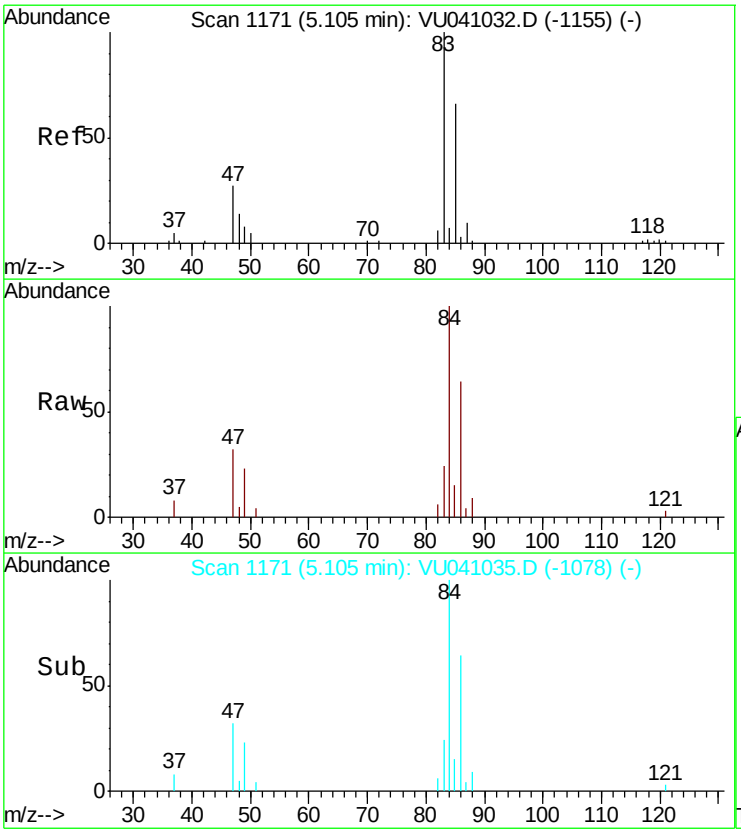
#15
Methyl Acetate
Concen: 0.092 ug/L
RT: 2.99 min Scan# 512
Delta R.T. 0.01 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 43 Resp: 219

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#

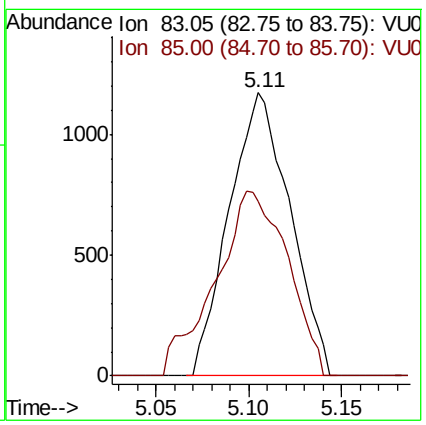


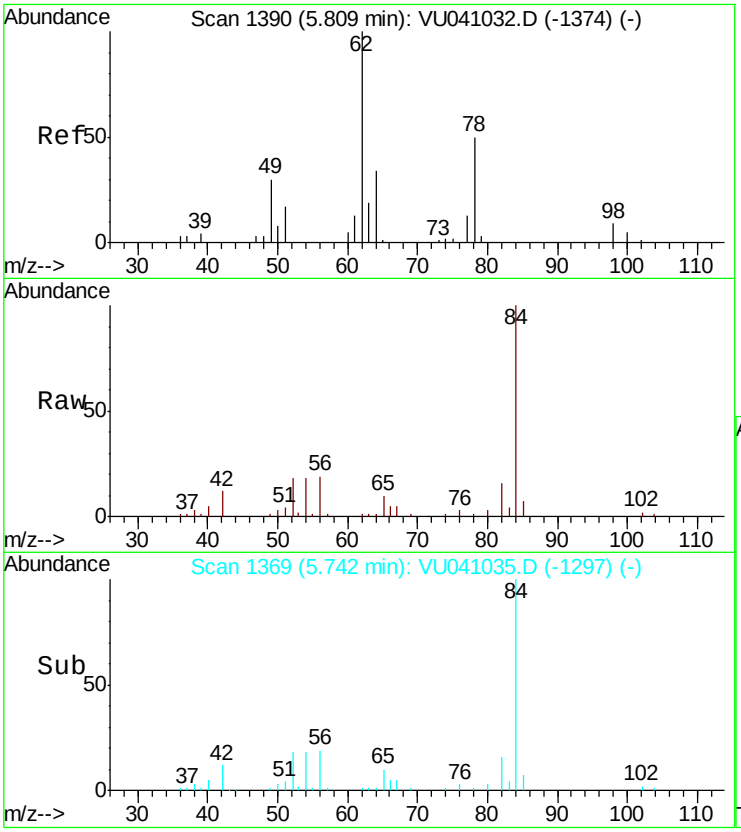


#25
Chloroform
Concen: 0.339 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion: 83 Resp: 2676

Ion	Ratio	Lower	Upper
83	100		
85	61.8	46.1	85.7



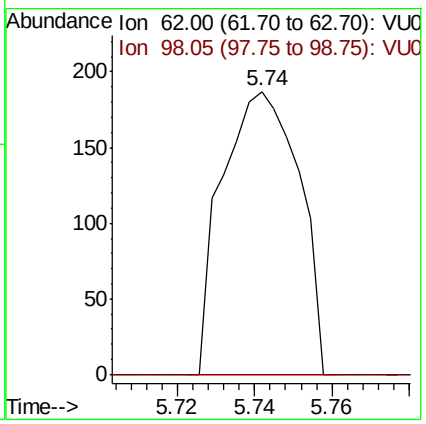


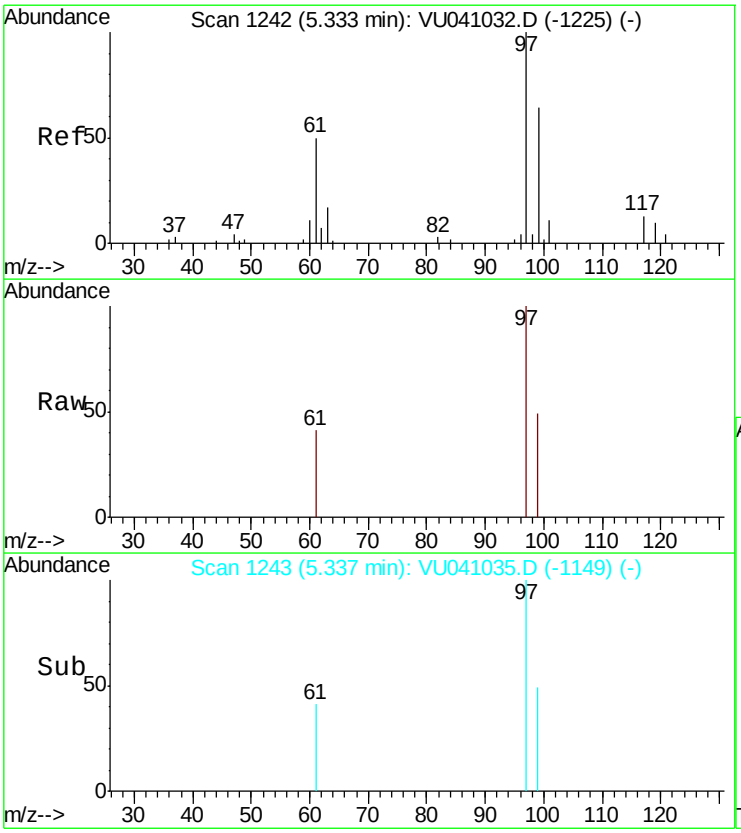
#27
1,2-Dichloroethane
Concen: 0.044 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 62 Resp: 259

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

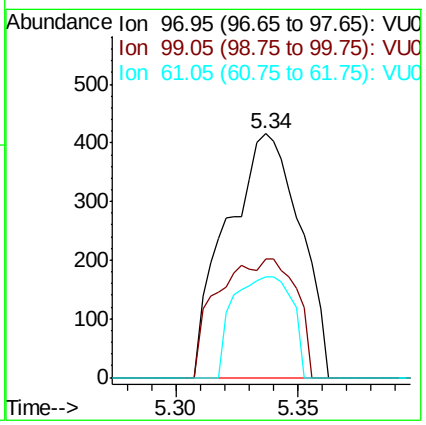


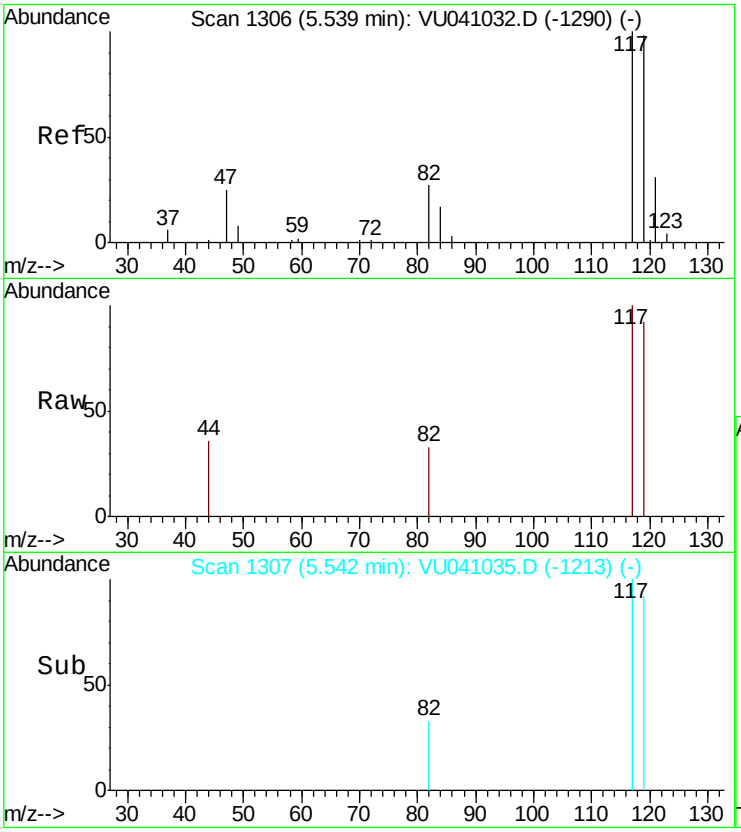


#29
1,1,1-Trichloroethane
Concen: 0.123 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion: 97 Resp: 863

Ion	Ratio	Lower	Upper
97	100		
99	51.9	53.4	80.0#
61	33.3	41.6	62.4#



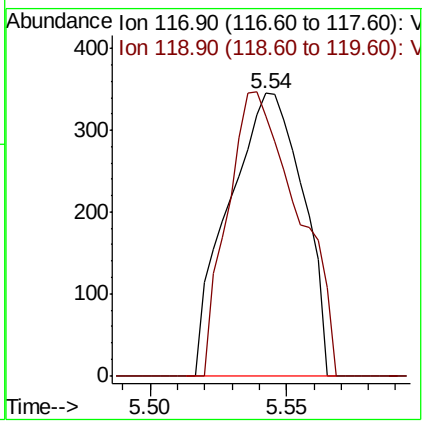


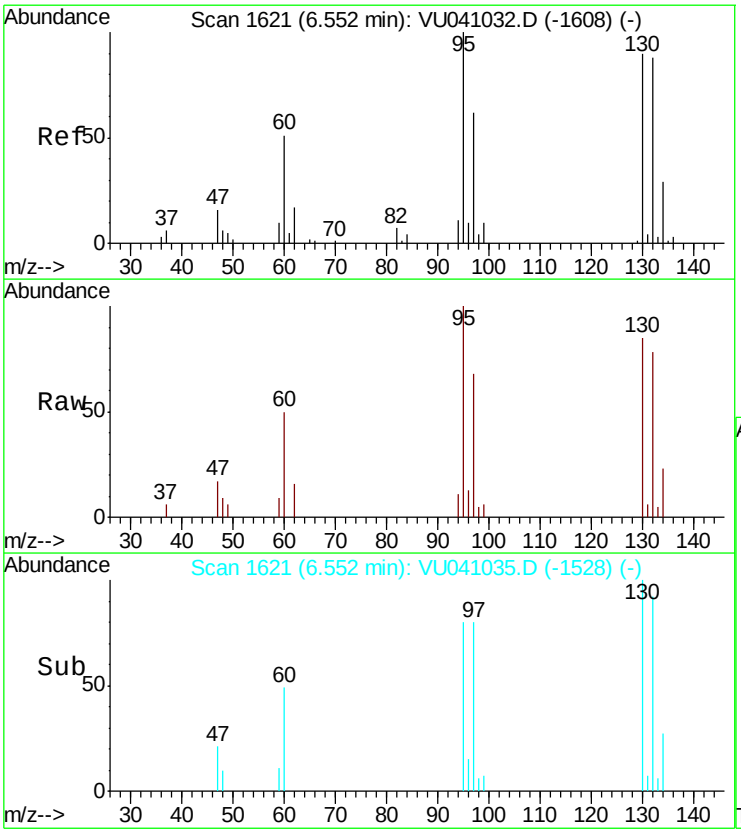
#31
Carbon tetrachloride
Concen: 0.105 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion:117 Resp: 649

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1

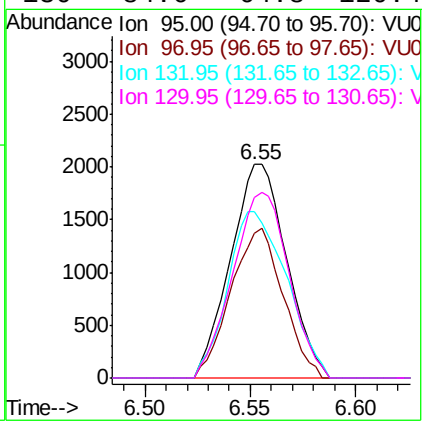


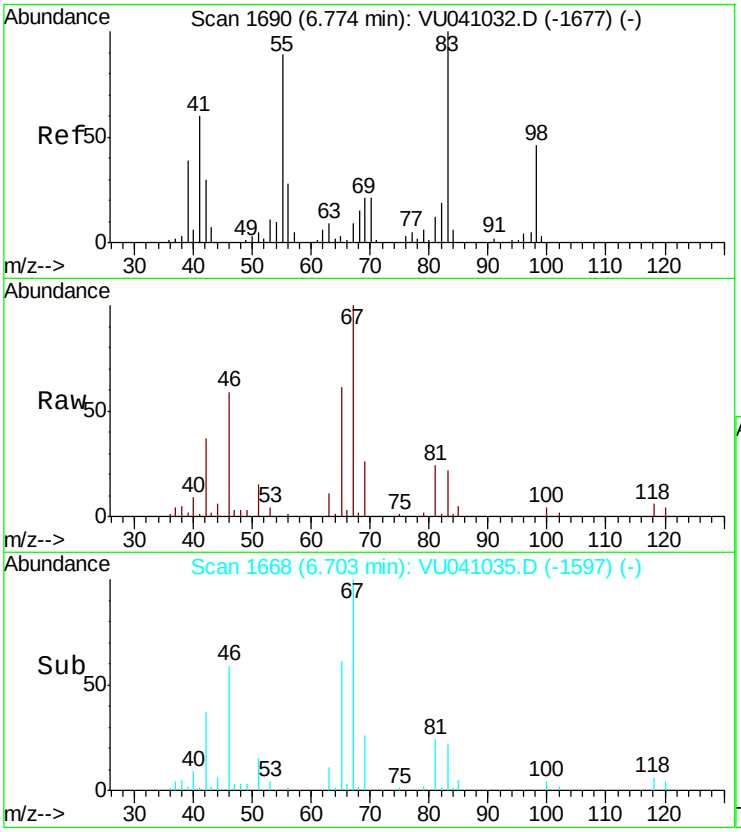


#34
Trichloroethene
Concen: 0.858 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion: 95 Resp: 3740

Ion	Ratio	Lower	Upper
95	100		
97	67.6	45.6	84.6
132	77.8	64.8	120.4
130	84.6	64.8	120.4



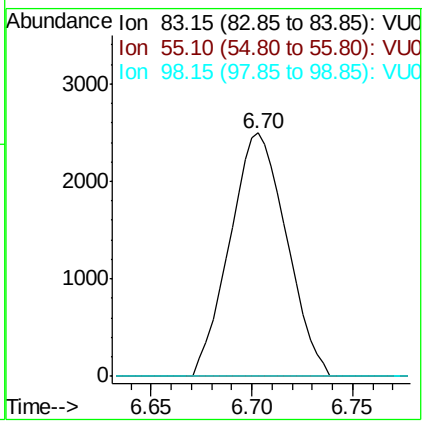


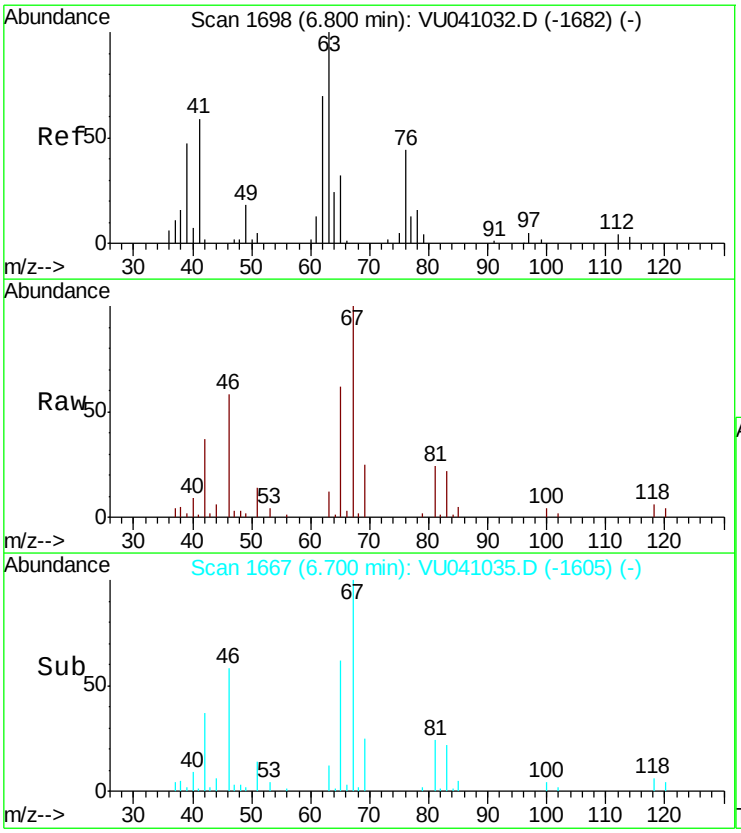
#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 83 Resp: 4896

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	1.3	36.6	55.0#

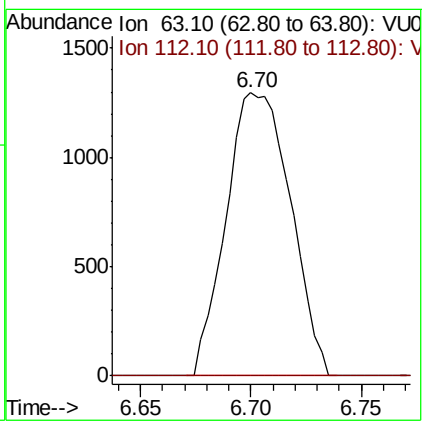


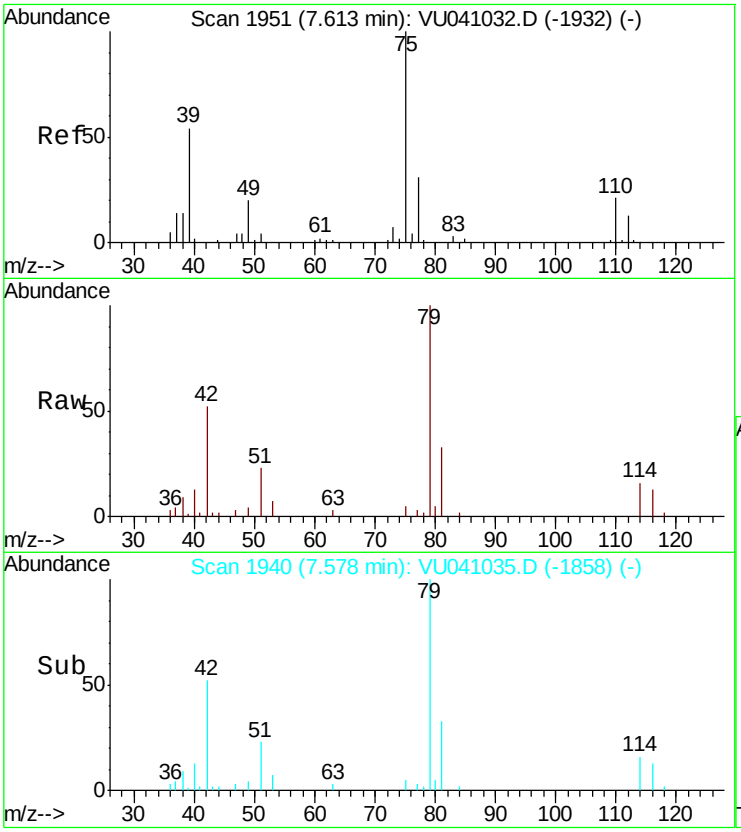


#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion: 63 Resp: 2626

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



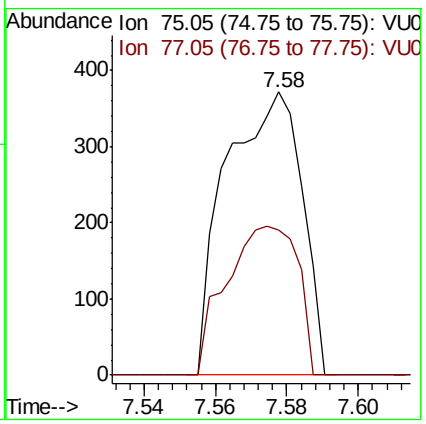


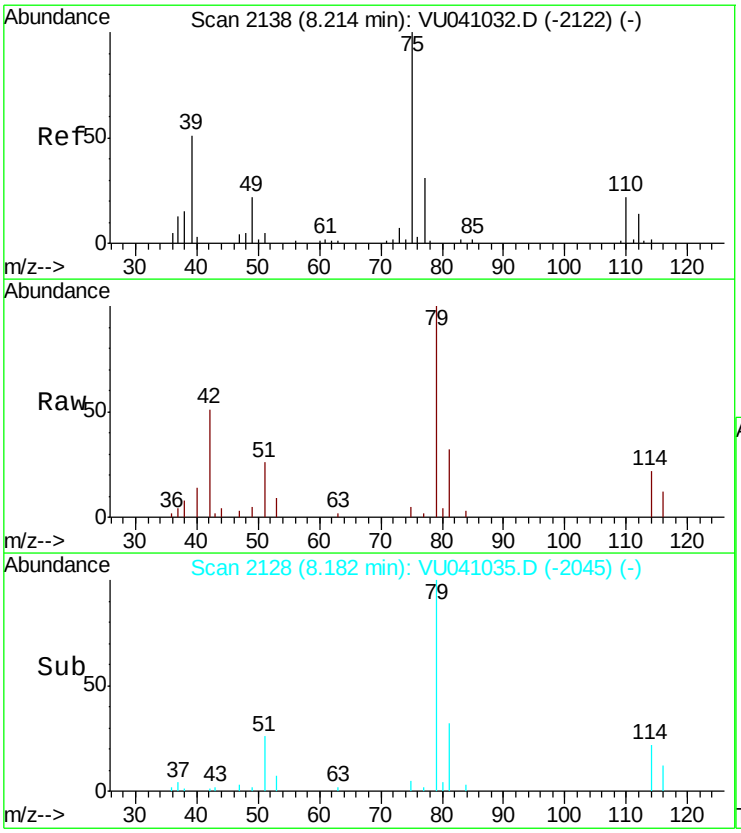
#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 75 Resp: 545

Ion	Ratio	Lower	Upper
75	100		
77	51.1	22.7	42.3#

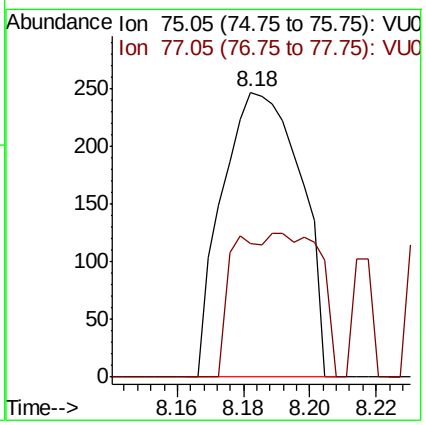


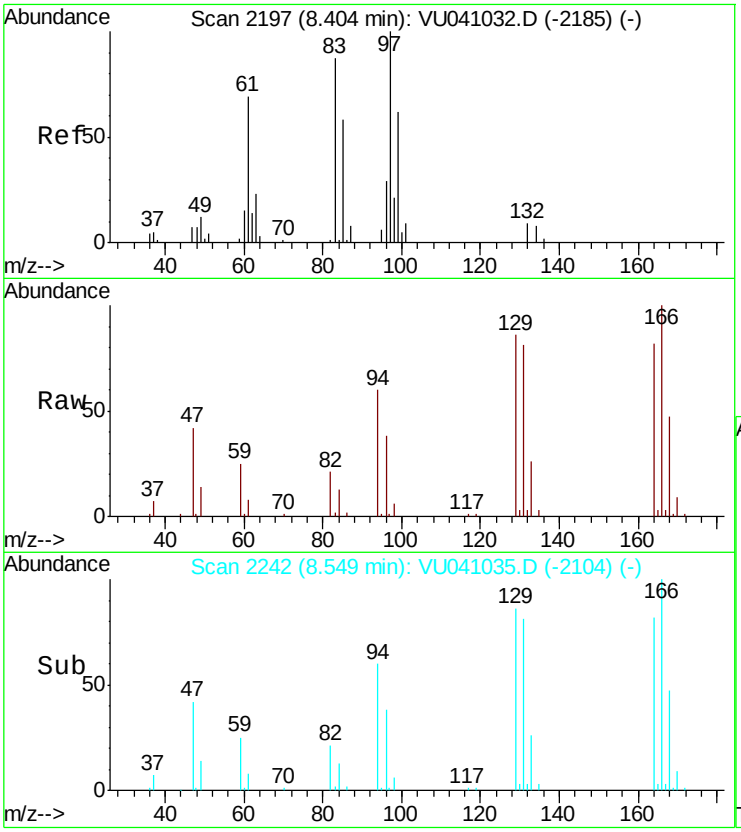


#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion: 75 Resp: 406

Ion	Ratio	Lower	Upper
75	100		
77	47.0	23.3	43.3#



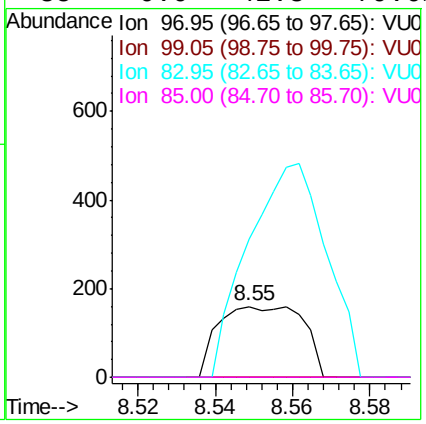


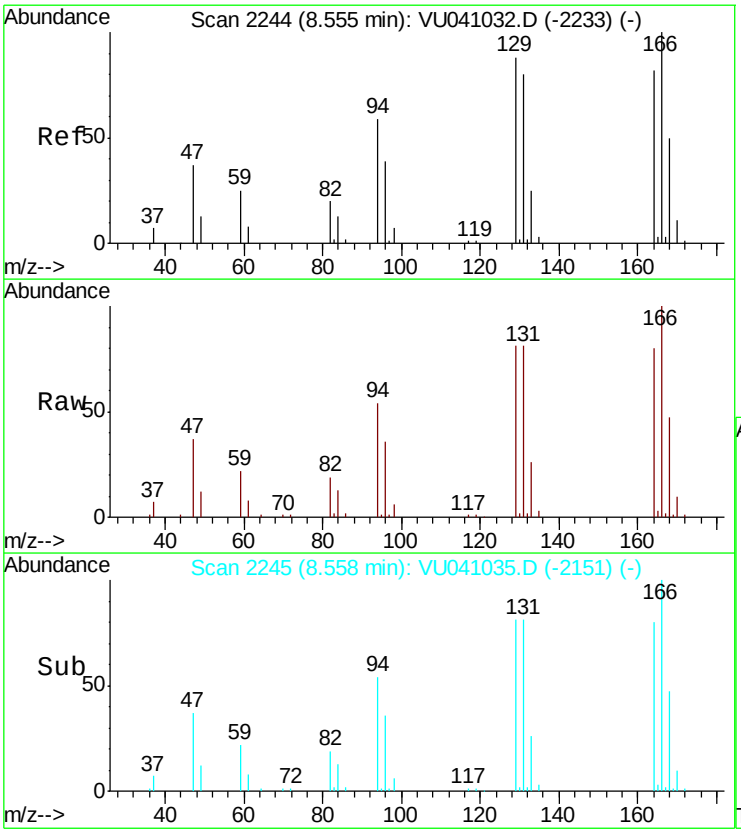
#45
1,1,2-Trichloroethane
Concen: 0.071 ug/L
RT: 8.55 min Scan# 2242
Delta R.T. 0.14 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 97 Resp: 245

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.2#
83	195.6	67.9	126.1#
85	0.0	42.8	79.6#

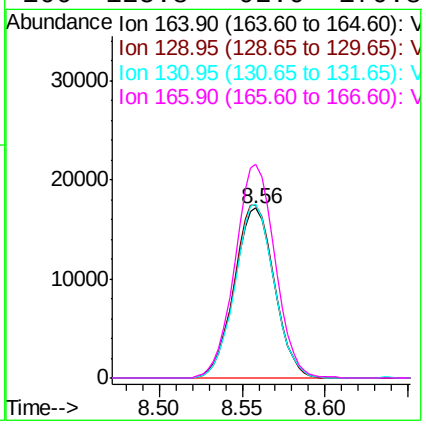


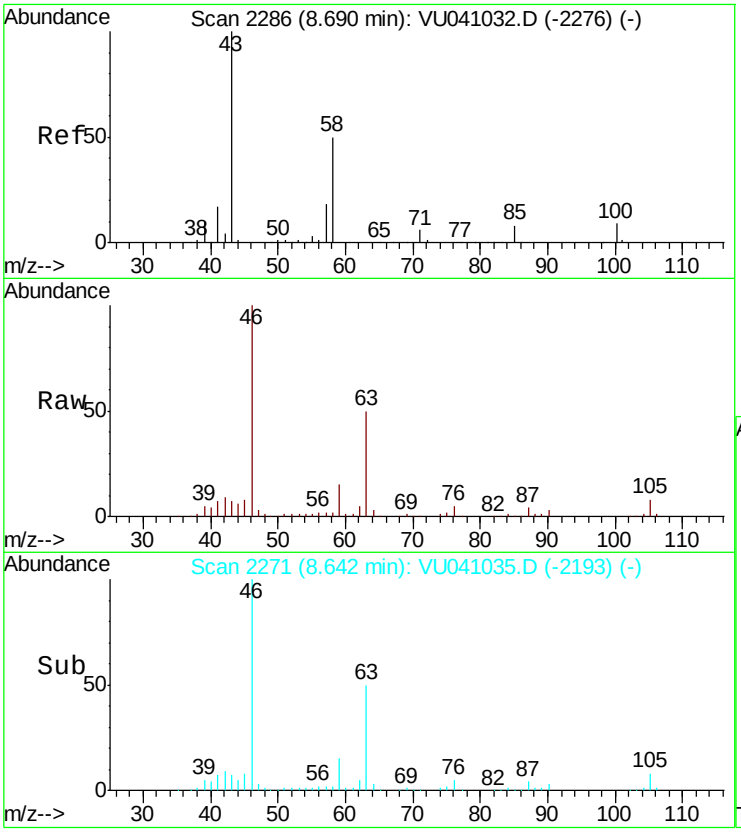


#47
Tetrachloroethene
Concen: 8.989 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion:164 Resp: 28803

Ion	Ratio	Lower	Upper
164	100		
129	101.9	70.3	130.7
131	102.5	70.8	131.4
166	125.8	92.0	170.8



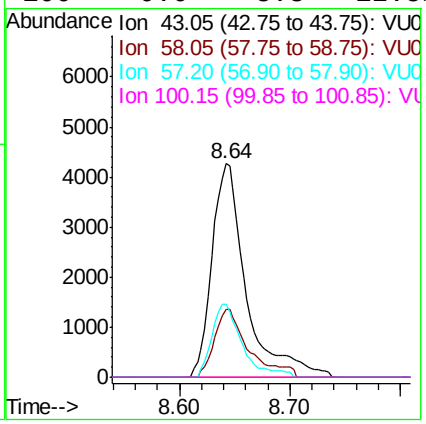


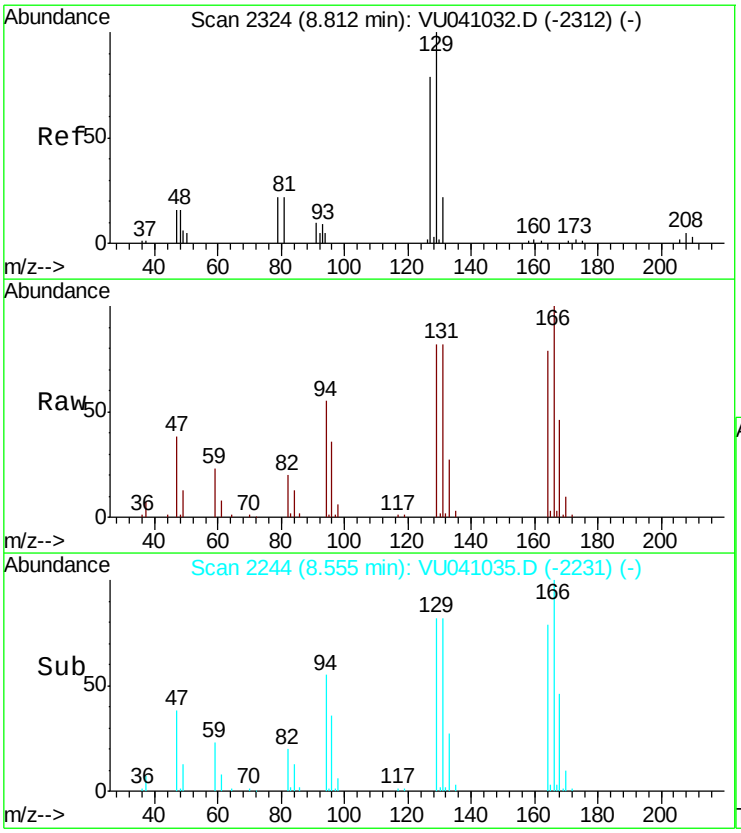
#48
2-Hexanone
Concen: 3.299 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 43 Resp: 9178

Ion	Ratio	Lower	Upper
43	100		
58	31.4	41.4	62.2#
57	30.1	14.6	21.8#
100	0.0	8.3	12.5#

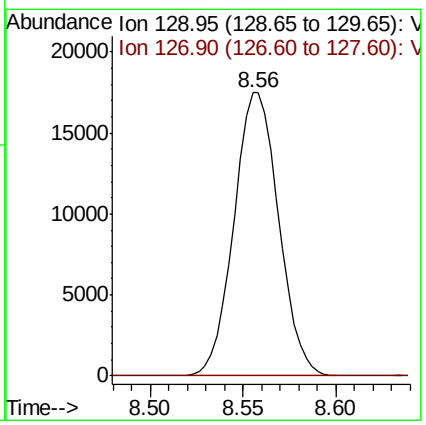


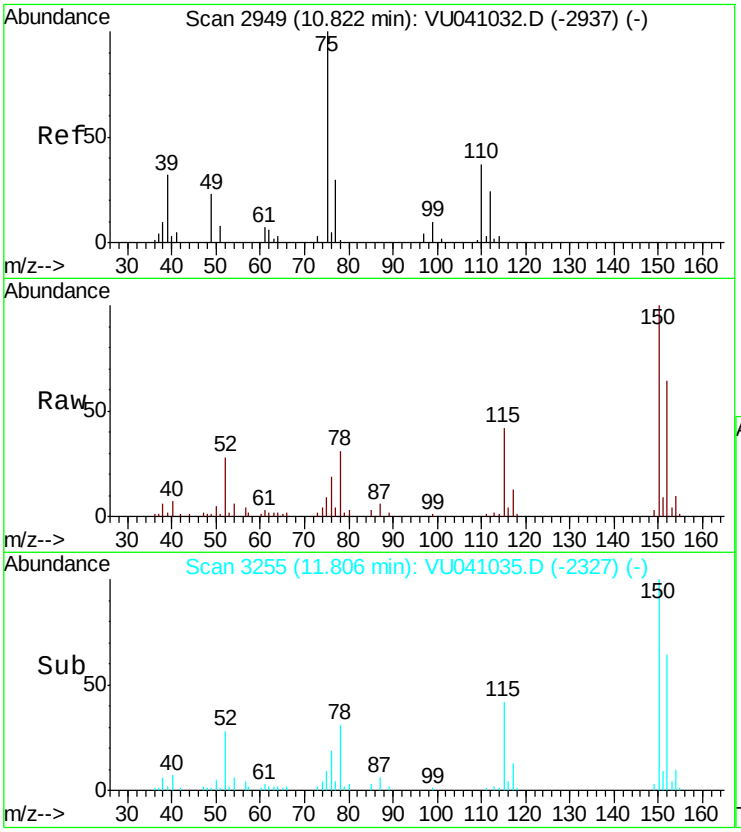


#49
Dibromochloromethane
Concen: 7.316 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Tgt Ion:129 Resp: 29303

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#59
1,2,3-Trichloropropane
Concen: 0.985 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041035.D
Acq: 30 Oct 2020 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion: 75 Resp: 3403

Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.7	38.5