Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040827.D
Acq On : 20 Oct 2020 00:37
Operator : SY/MD
Sample : L4420-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK5

Quant Time: Oct 20 05:20:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108793	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113765	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45772	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	24860	2.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 55.20%			
7) Chloroethane-d5	1.92	69	27629	3.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.40%			
11) 1,1-Dichloroethene-d2	2.58	63	45427	2.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.60%#			
20) 2-Butanone-d5	4.66	46	167004	57.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.78%			
24) Chloroform-d	5.08	84	76598	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.72	65	49214	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.75	84	127819	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
36) 1,2-Dichloropropane-d6	6.70	67	48521	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.91	98	91506	3.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.60%#			
43) trans-1,3-Dichloropropene-	8.19	79	17410	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	8.64	63	112213	50.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46457	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43392	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	779	0.079	ug/L	91
3) Chloromethane	1.53	50	1245	0.135	ug/L #	81
8) Chloroethane	1.94	64	227	0.037	ug/L #	53
9) Trichlorofluoromethane	2.15	101	2872	0.206	ug/L	90
12) 1,1-Dichloroethene	2.59	96	2399	0.309	ug/L #	1
17) Methyl tert-butyl Ether	3.39	73	1688	0.077	ug/L	97
19) 1,1-Dichloroethane	3.89	63	2926	0.174	ug/L #	95
22) cis-1,2-Dichloroethene	4.68	96	1826	0.208	ug/L	87
25) Chloroform	5.10	83	5088	0.297	ug/L	95
27) 1,2-Dichloroethane	5.75	62	744	0.061	ug/L #	77
31) Carbon tetrachloride	5.54	117	3899	0.298	ug/L	96
34) Trichloroethene	6.55	95	13638	1.440	ug/L	95
35) Methylcyclohexane	6.70	83	11288	0.840	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5232	0.514	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1213	0.087	ug/L #	47
42) Toluene	7.97	91	1758	0.047	ug/L	92
44) trans-1,3-Dichloropropene	8.19	75	779	0.061	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040827.D
Acq On : 20 Oct 2020 00:37
Operator : SY/MD
Sample : L4420-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK5

Quant Time: Oct 20 05:20:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.56	164	17730	2.623	ug/L		95
48) 2-Hexanone	8.64	43	15523	2.568	ug/L	#	71
49) Dibromochloromethane	8.56	129	16933	1.930	ug/L	#	9
59) 1,2,3-Trichloropropane	11.81	75	5931	0.793	ug/L		95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040827.D
Acq On : 20 Oct 2020 00:37
Operator : SY/MD
Sample : L4420-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
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Quant Title : TRACE VOA SOM01.0
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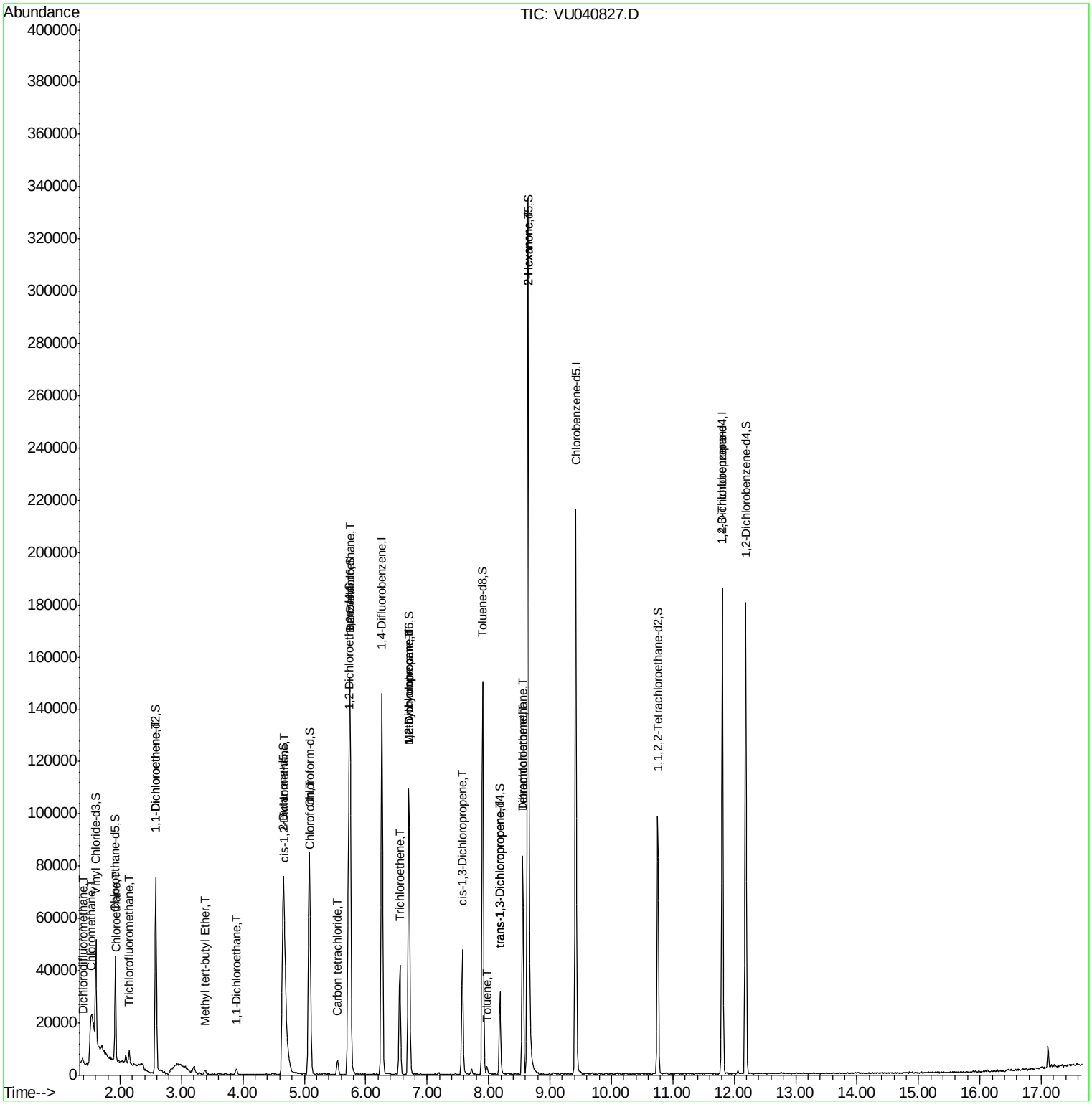
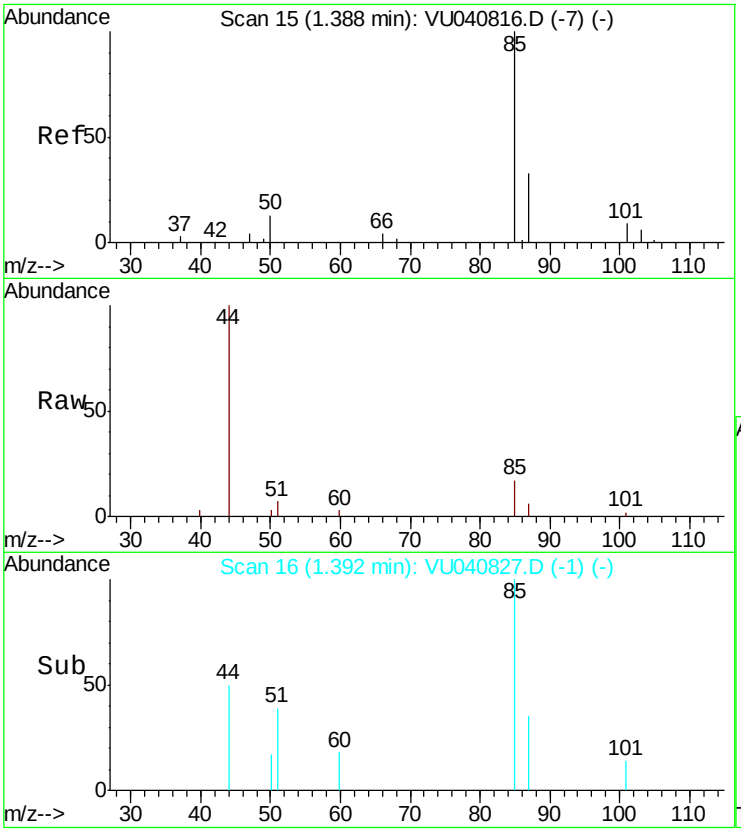
Response via : Initial Calibration



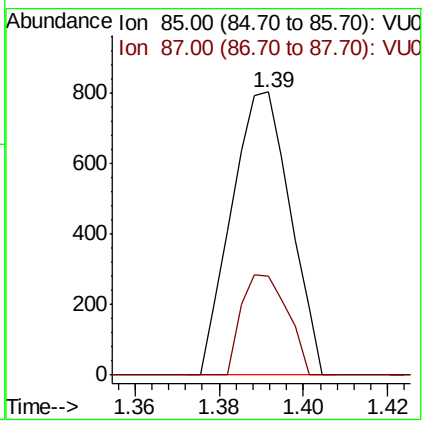


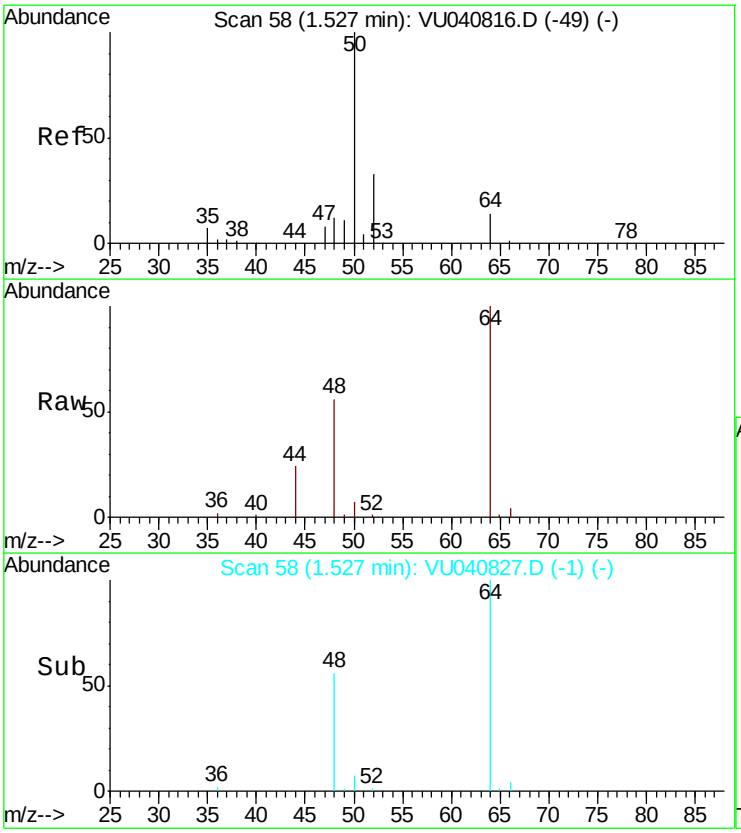
#2
Dichlorodifluoromethane
Concen: 0.079 ug/L
RT: 1.39 min Scan# 16
Delta R.T. 0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument : MSVOA_U
ClientSampleId : C0AK5

Tgt Ion: 85 Resp: 779

Ion	Ratio	Lower	Upper
85	100		
87	27.9	26.2	39.4

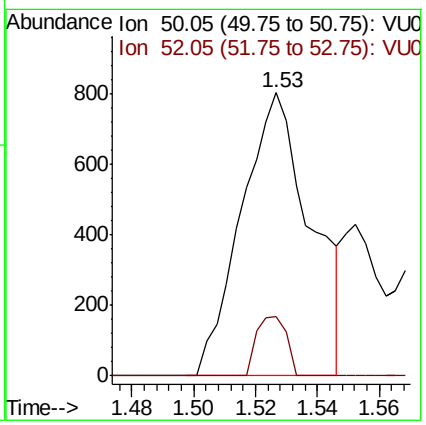


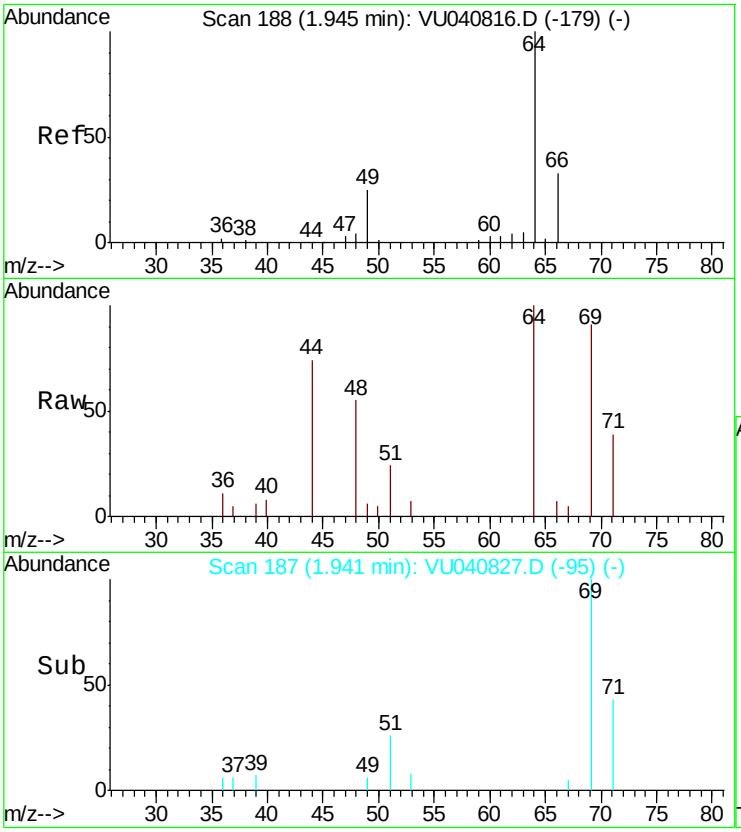


#3
Chloromethane
Concen: 0.135 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion: 50 Resp: 1245

Ion	Ratio	Lower	Upper
50	100		
52	21.1	21.9	40.7#



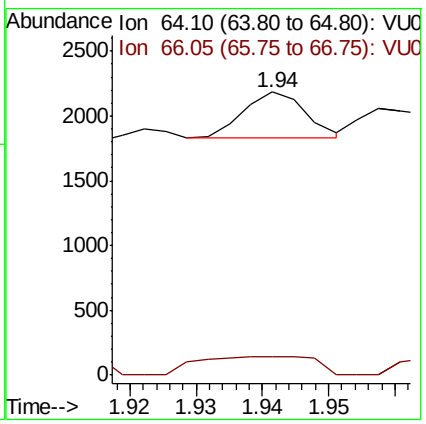


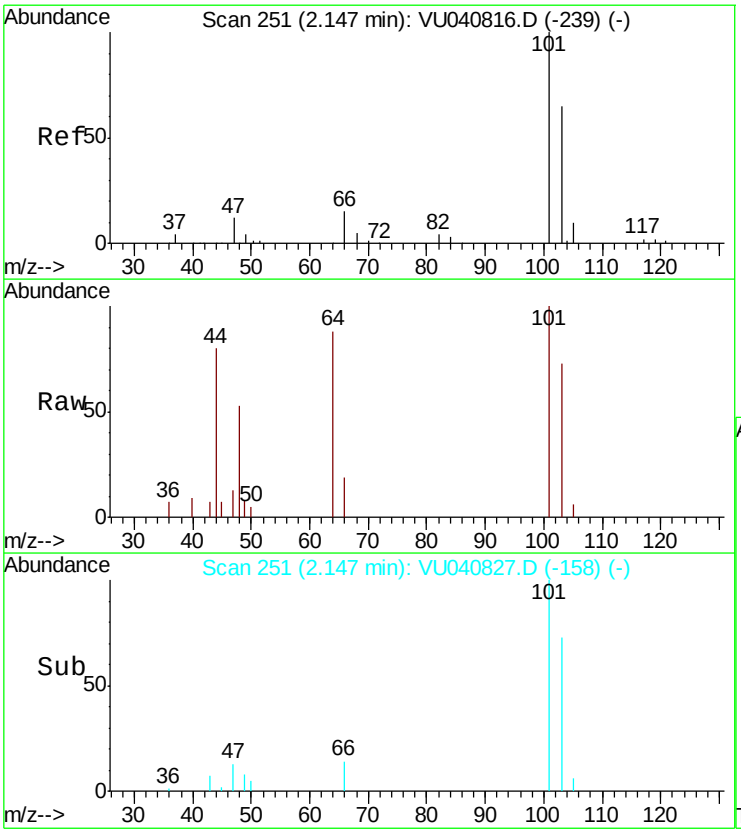
#8
Chloroethane
Concen: 0.037 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument : MSVOA_U
ClientSampleId : C0AK5

Tgt Ion: 64 Resp: 227

Ion	Ratio	Lower	Upper
64	100		
66	6.5	23.3	43.3#

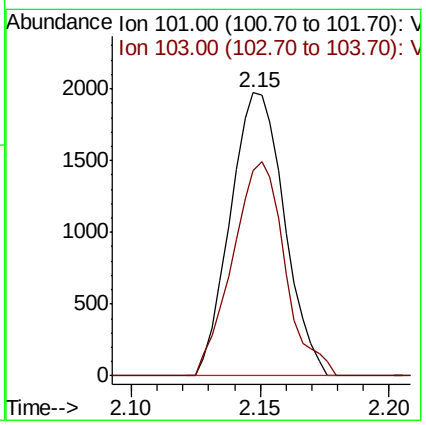


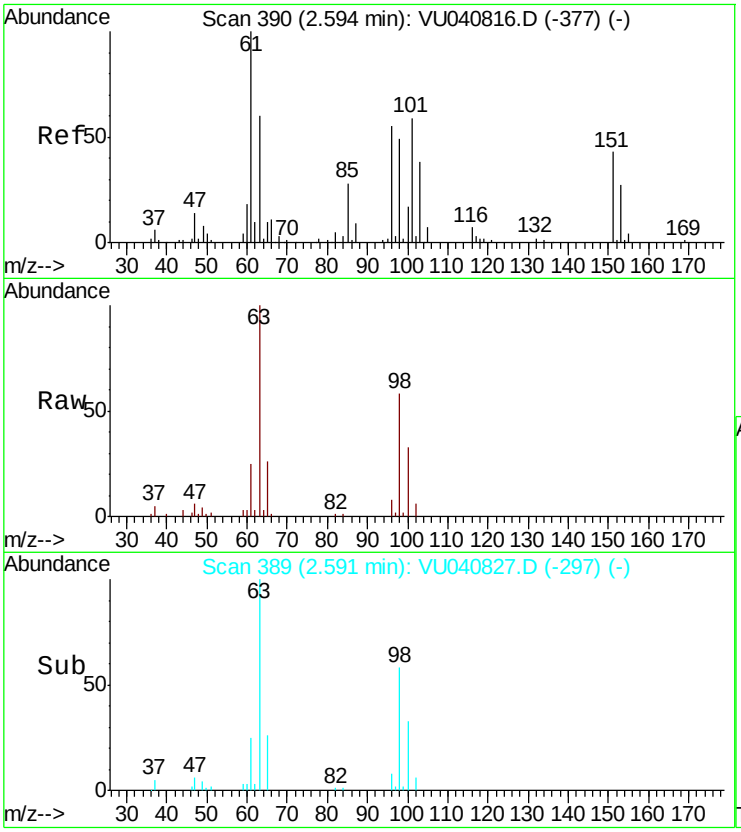


#9
Trichlorofluoromethane
Concen: 0.206 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion:101 Resp: 2872

Ion	Ratio	Lower	Upper
101	100		
103	73.6	52.2	78.4



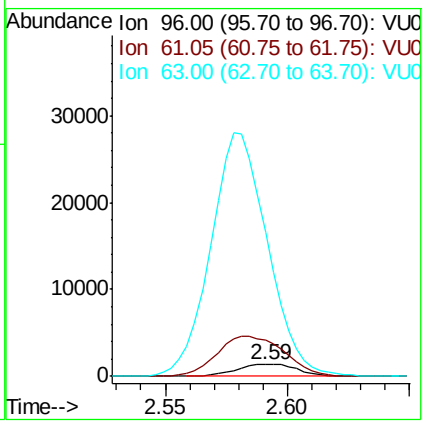


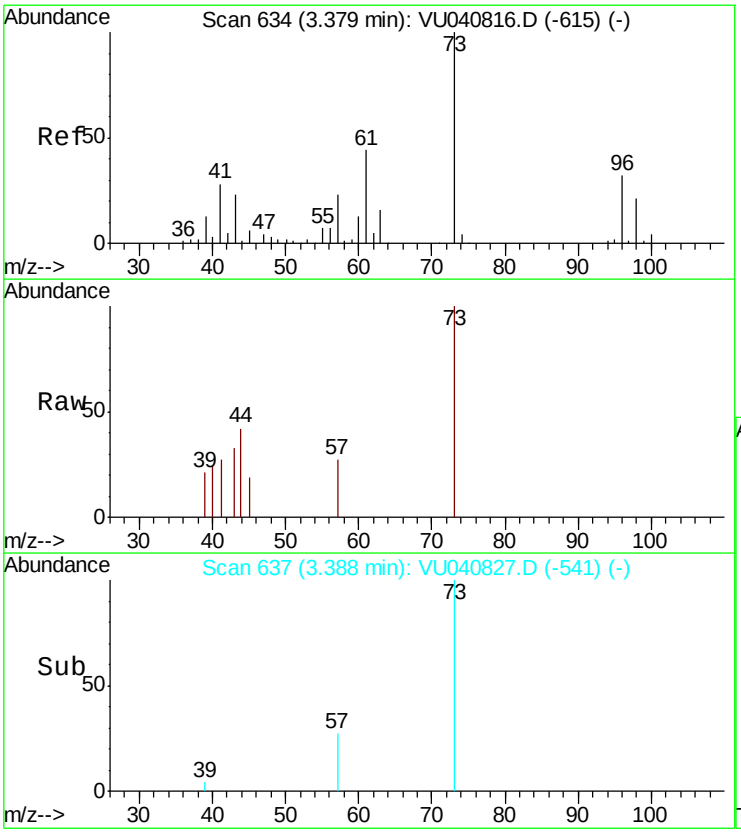
#12
1,1-Dichloroethene
Concen: 0.309 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument : MSVOA_U
ClientSampleId : C0AK5

Tgt Ion: 96 Resp: 2399

Ion	Ratio	Lower	Upper
96	100		
61	304.9	128.8	239.2#
63	1221.9	84.6	157.2#

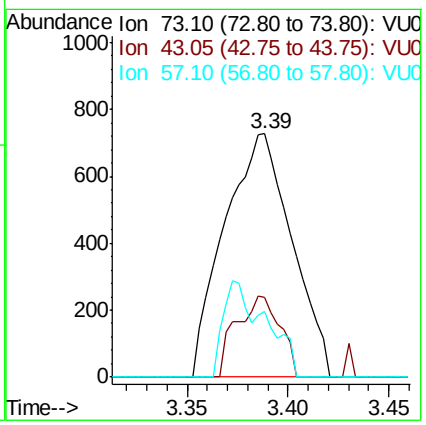


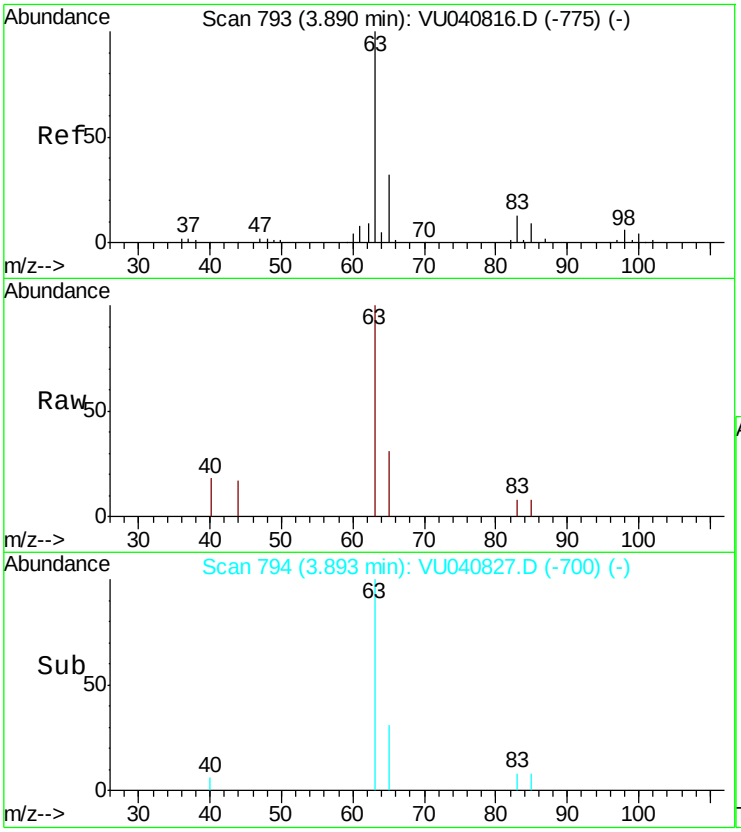


#17
Methyl tert-butyl Ether
Concen: 0.077 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.01 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion: 73 Resp: 1688

Ion	Ratio	Lower	Upper
73	100		
43	21.7	18.2	27.4
57	25.0	18.6	28.0



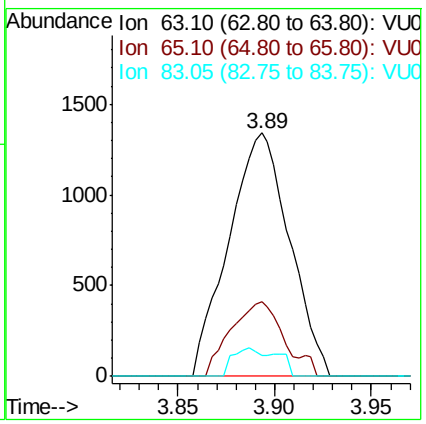


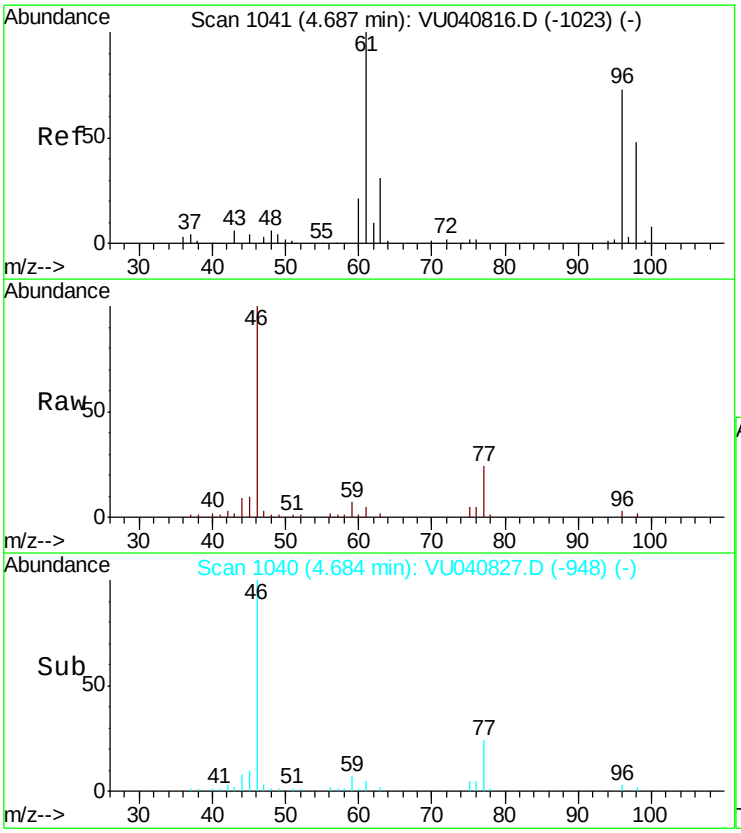
#19
1,1-Dichloroethane
Concen: 0.174 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument : MSVOA_U
ClientSampleId : C0AK5

Tgt Ion: 63 Resp: 2926

Ion	Ratio	Lower	Upper
63	100		
65	30.8	21.9	40.7
83	8.4	9.6	17.8#

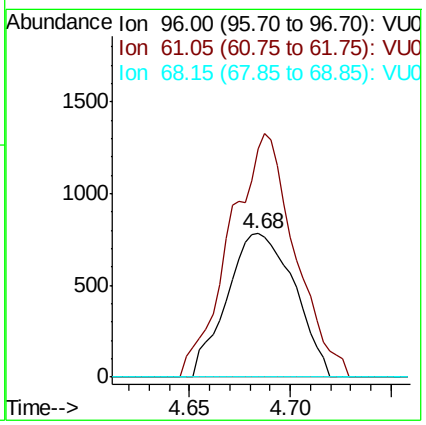


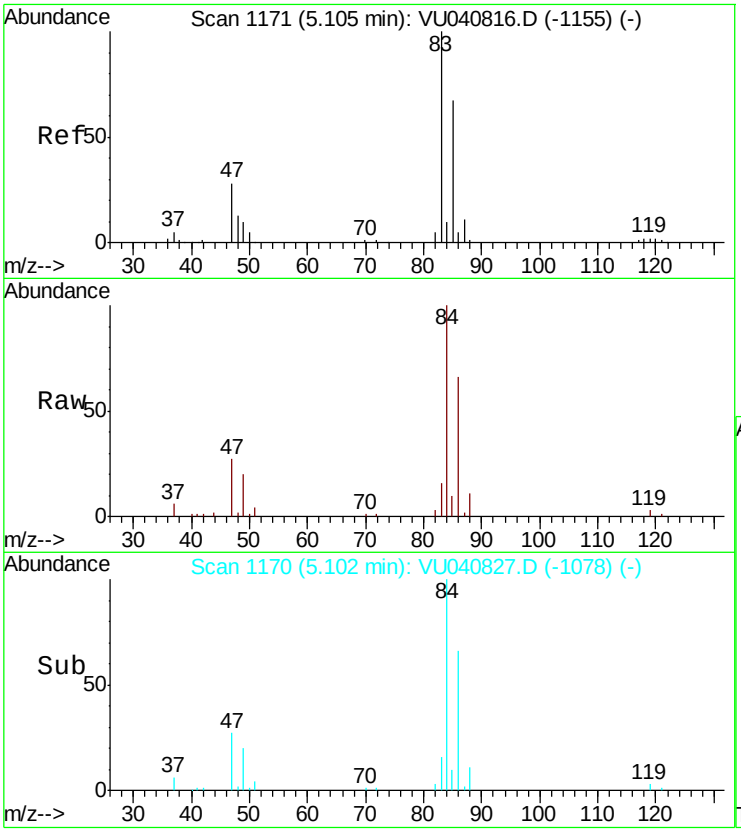


#22
cis-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion: 96 Resp: 1826

Ion	Ratio	Lower	Upper
96	100		
61	159.2	99.8	185.4
68	0.0	0.0	0.0



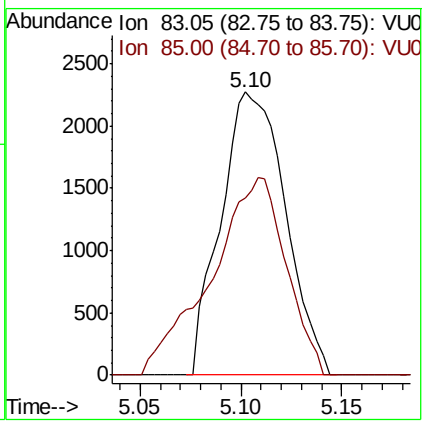


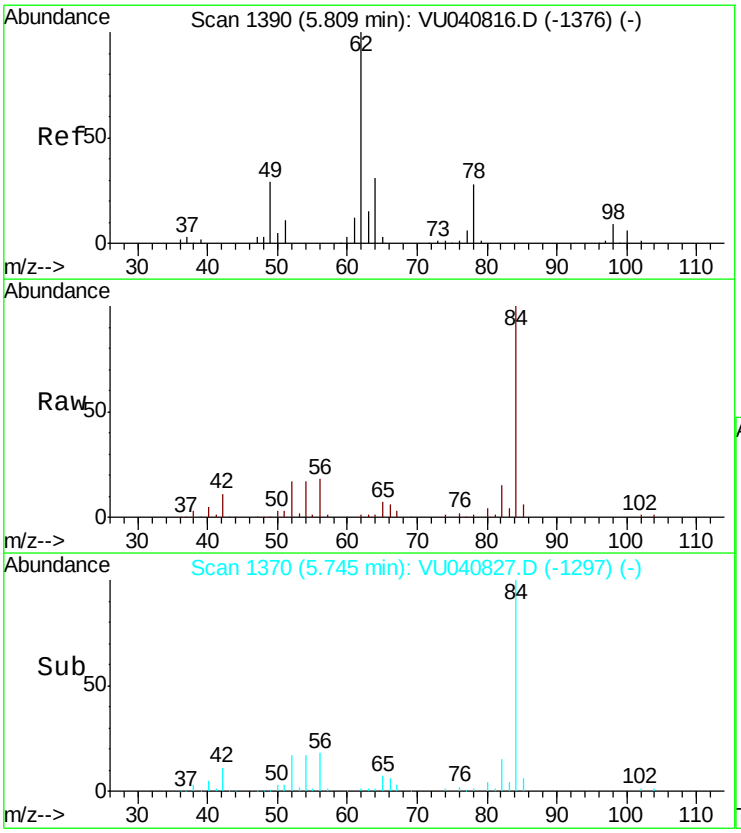
#25
Chloroform
Concen: 0.297 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument :
MSVOA_U
ClientSampleId :
C0AK5

Tgt Ion: 83 Resp: 5088

Ion	Ratio	Lower	Upper
83	100		
85	62.6	46.5	86.5

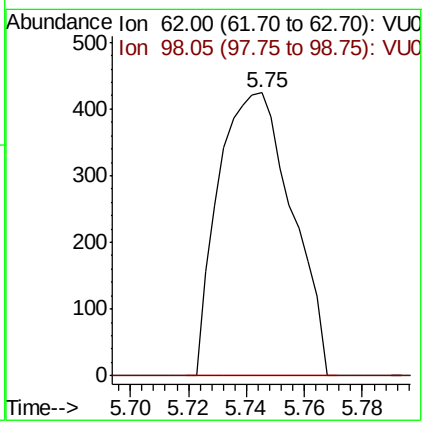


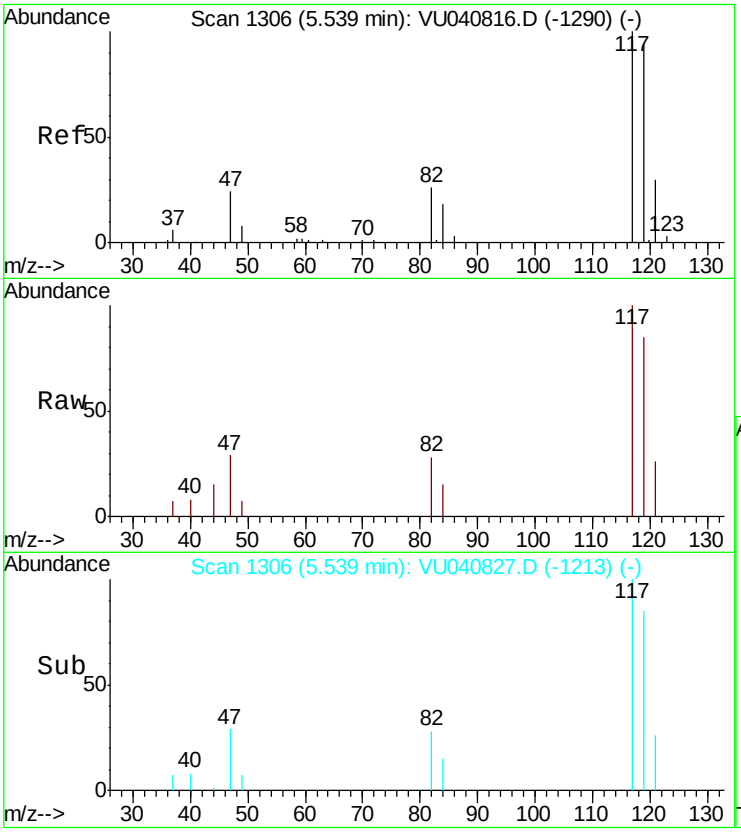


#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion: 62 Resp: 744

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



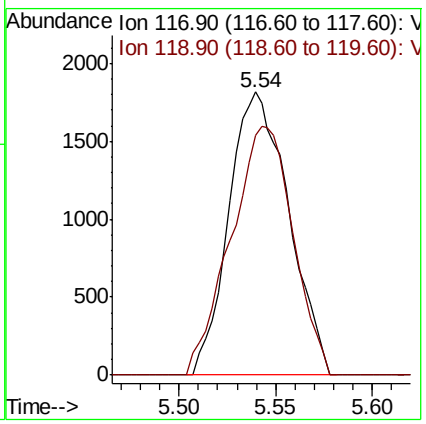


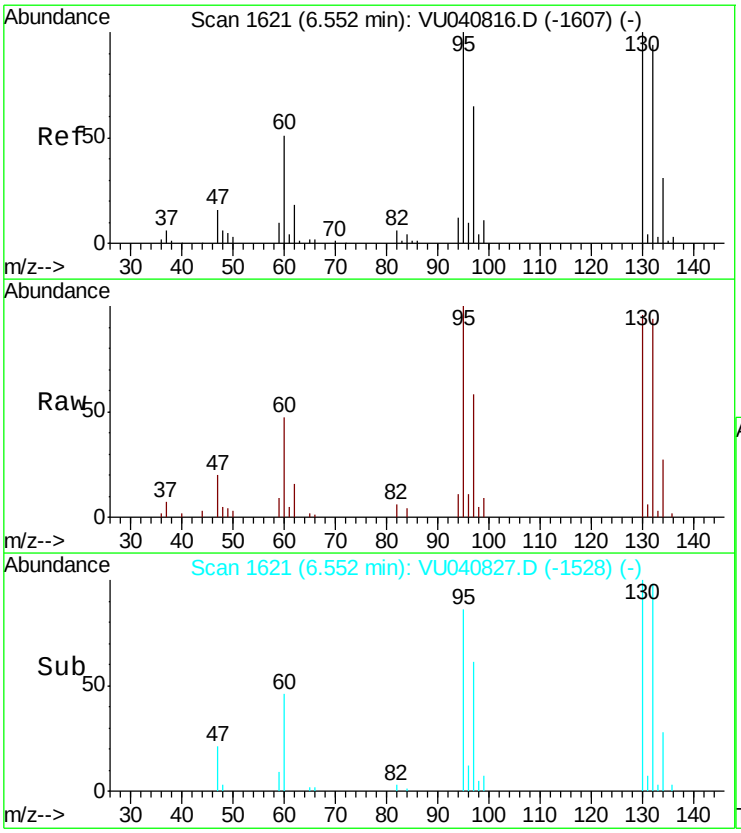
#31
Carbon tetrachloride
Concen: 0.298 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument :
MSVOA_U
ClientSampleId :
C0AK5

Tgt Ion:117 Resp: 3899

Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.2	114.2

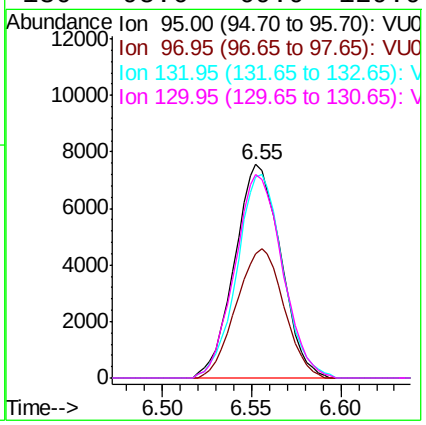


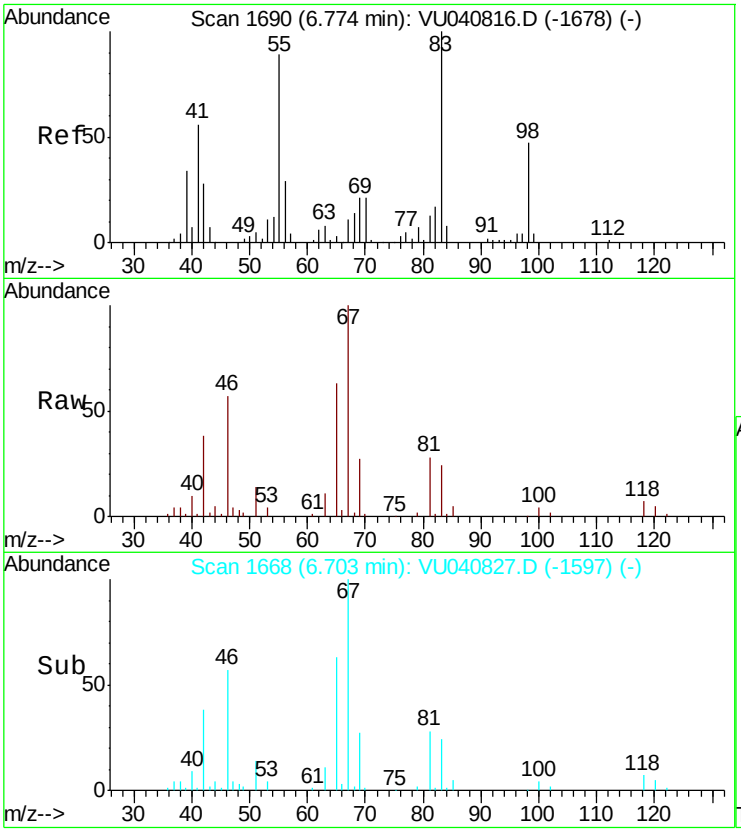


#34
Trichloroethene
Concen: 1.440 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion: 95 Resp: 13638

Ion	Ratio	Lower	Upper
95	100		
97	58.0	45.5	84.5
132	93.9	67.5	125.4
130	95.6	69.9	129.9



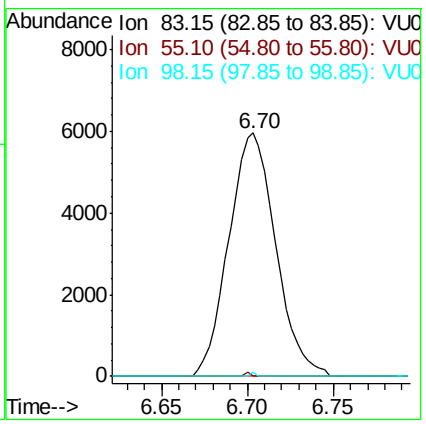


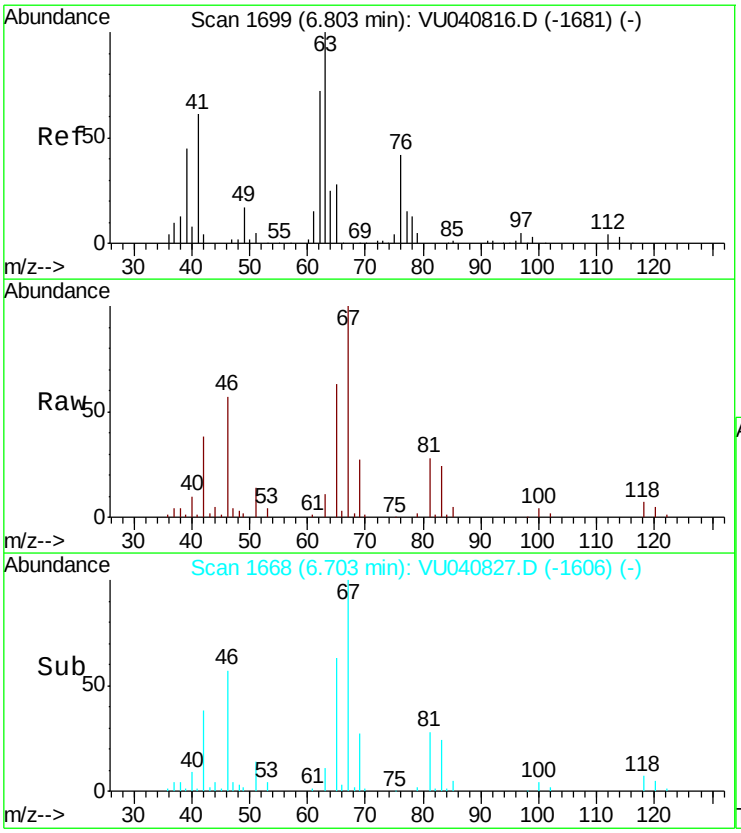
#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument : MSVOA_U
ClientSampleId : C0AK5

Tgt Ion: 83 Resp: 11288

Ion	Ratio	Lower	Upper
83	100		
55	0.2	70.7	106.1#
98	0.2	38.4	57.6#

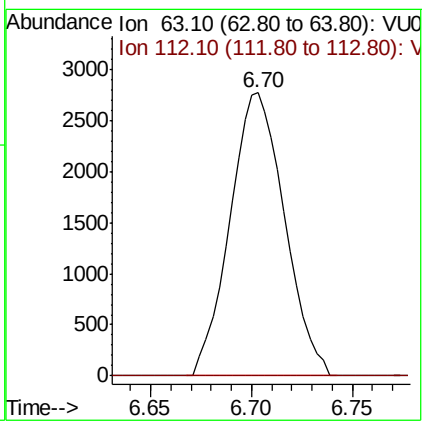


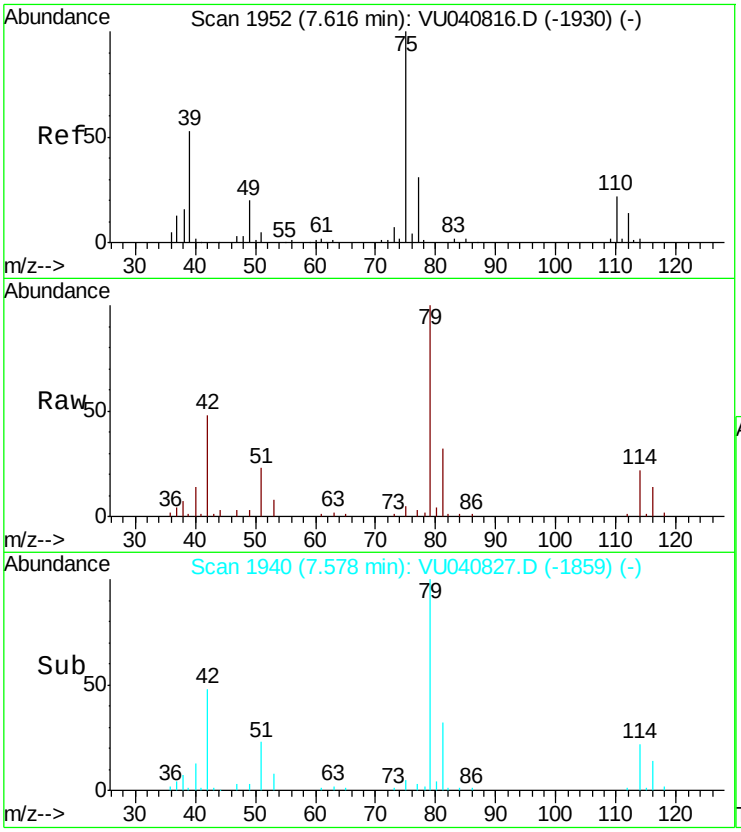


#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion: 63 Resp: 5232

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



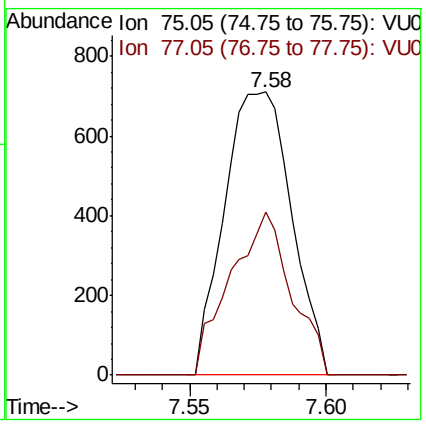


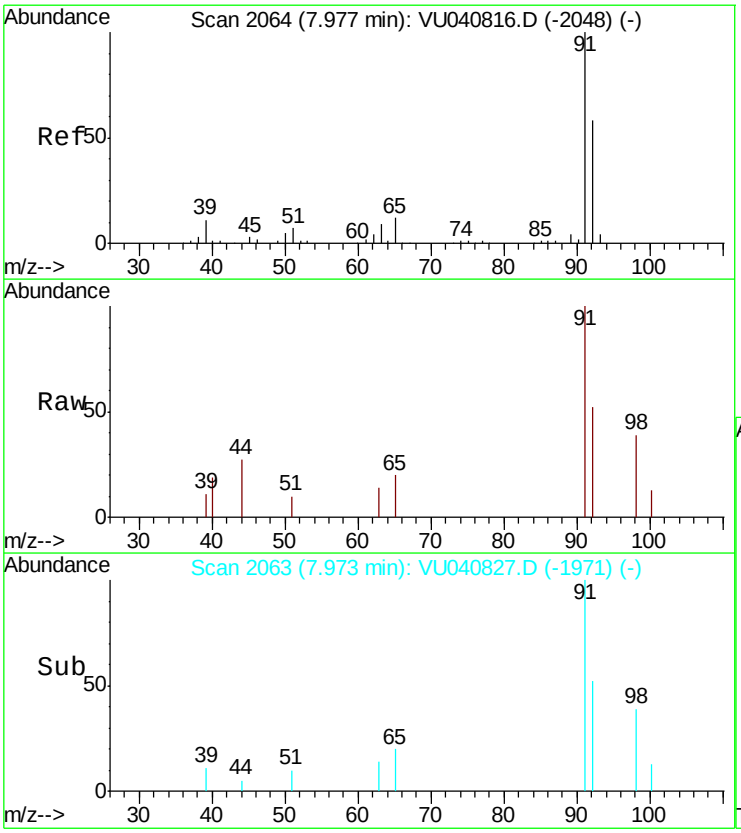
#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument :
MSVOA_U
ClientSampleId :
C0AK5

Tgt Ion: 75 Resp: 1213

Ion	Ratio	Lower	Upper
75	100		
77	57.5	20.5	38.1#

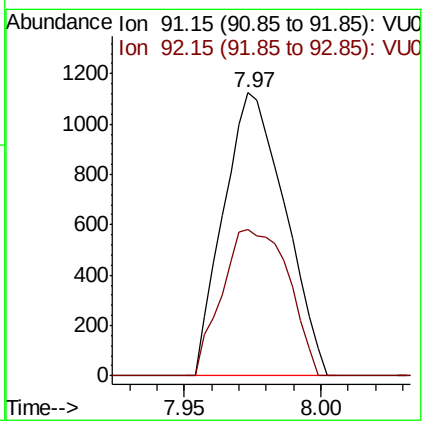


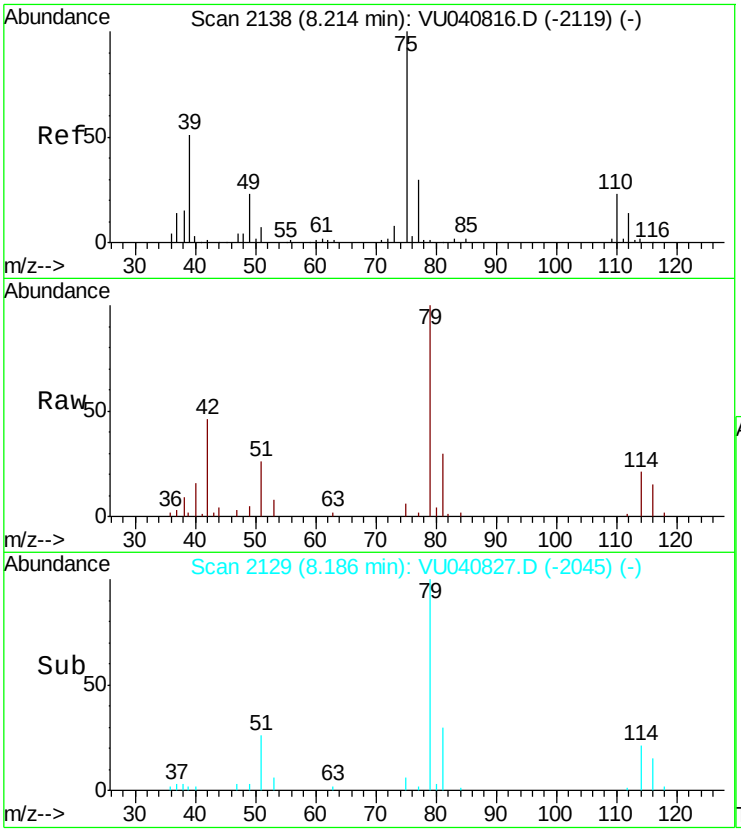


#42
Toluene
Concen: 0.047 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion: 91 Resp: 1758

Ion	Ratio	Lower	Upper
91	100		
92	51.8	40.2	74.6



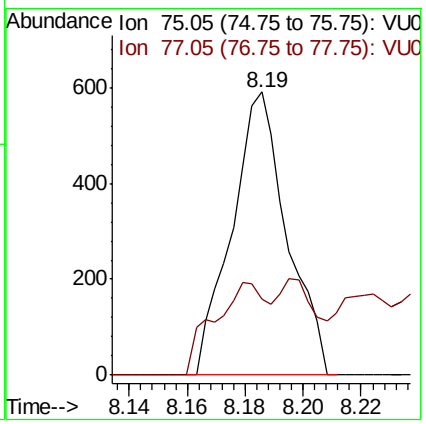


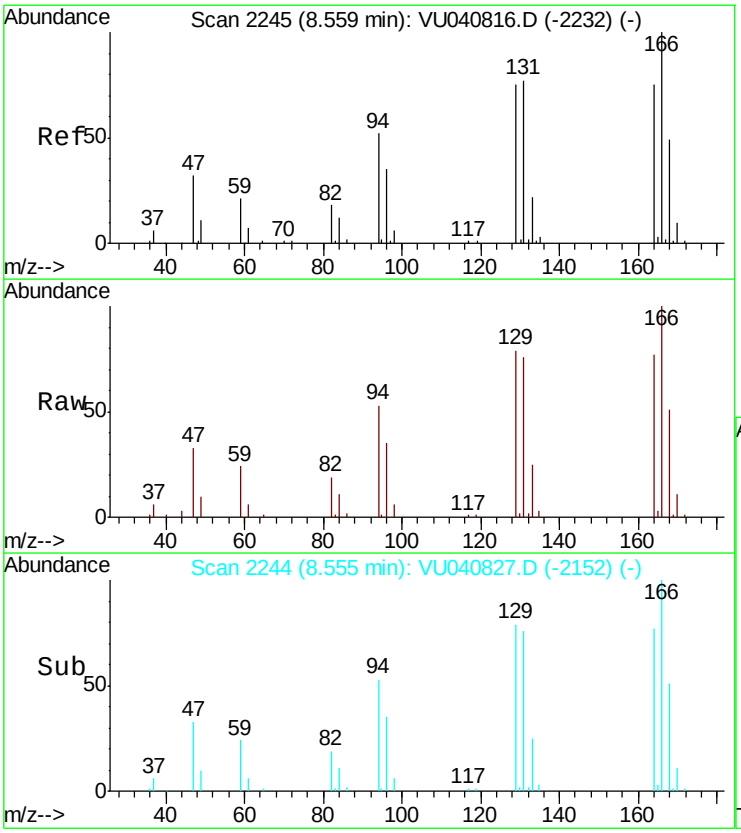
#44
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument : MSVOA_U
ClientSampleId : C0AK5

Tgt Ion: 75 Resp: 779

Ion	Ratio	Lower	Upper
75	100		
77	26.9	20.4	38.0

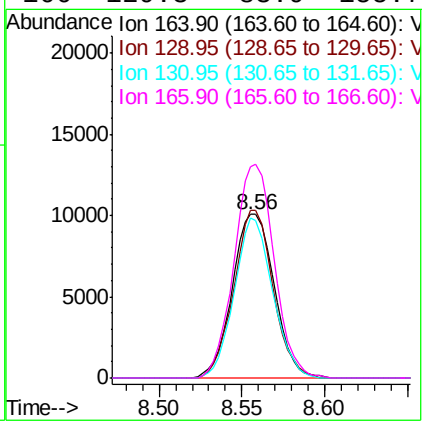


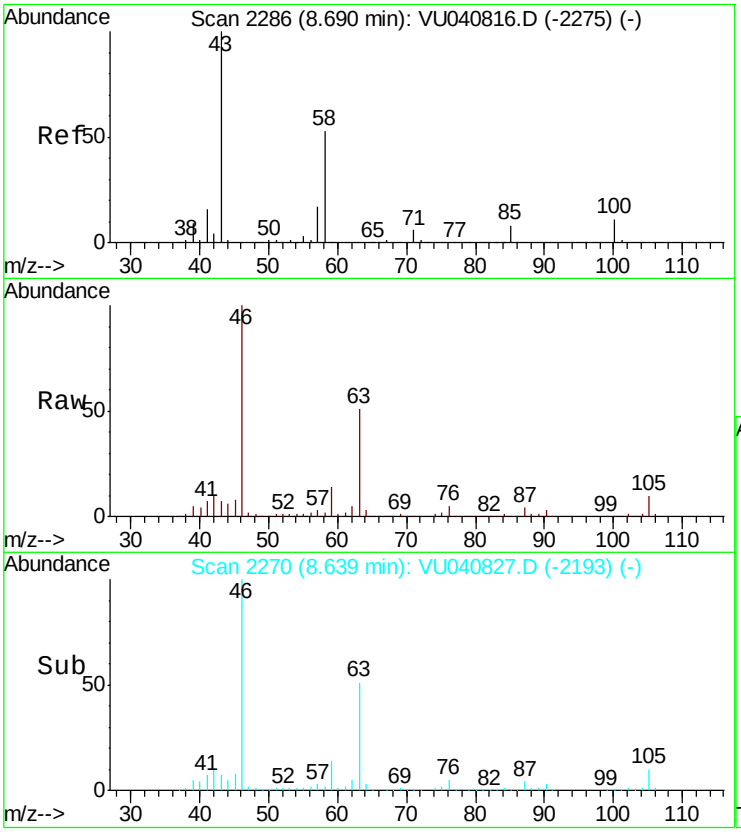


#47
Tetrachloroethene
Concen: 2.623 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion:164 Resp: 17730

Ion	Ratio	Lower	Upper
164	100		
129	102.7	68.8	127.8
131	97.7	66.7	123.9
166	129.3	83.9	155.7



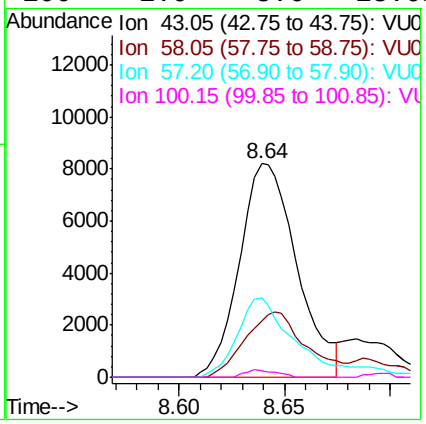


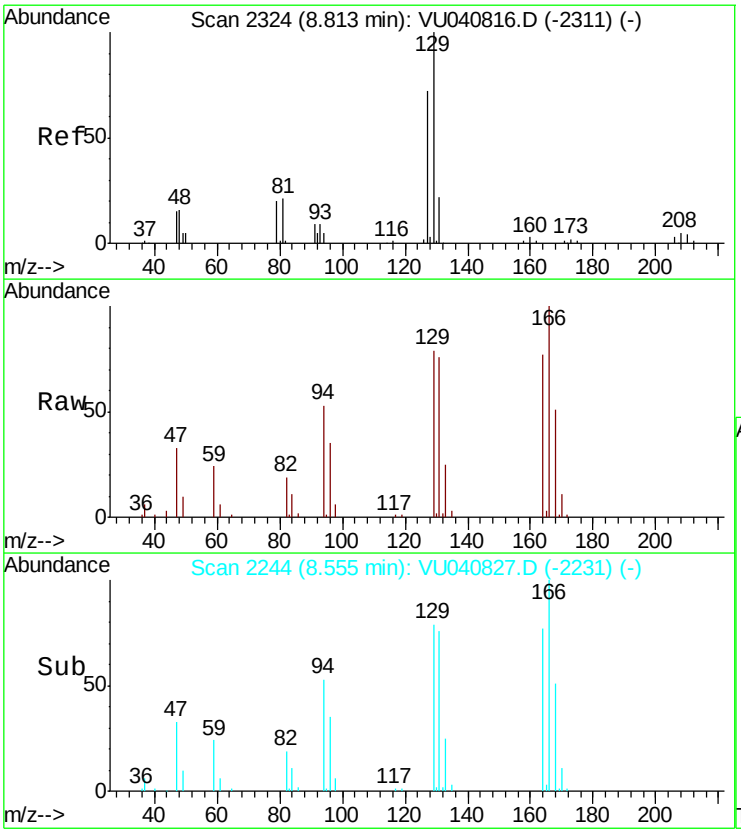
#48
2-Hexanone
Concen: 2.568 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument : MSVOA_U
ClientSampleId : C0AK5

Tgt Ion: 43 Resp: 15523

Ion	Ratio	Lower	Upper
43	100		
58	32.9	41.0	61.6#
57	36.5	14.4	21.6#
100	1.9	8.6	13.0#

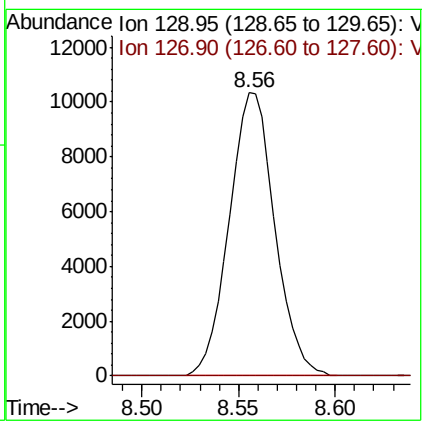


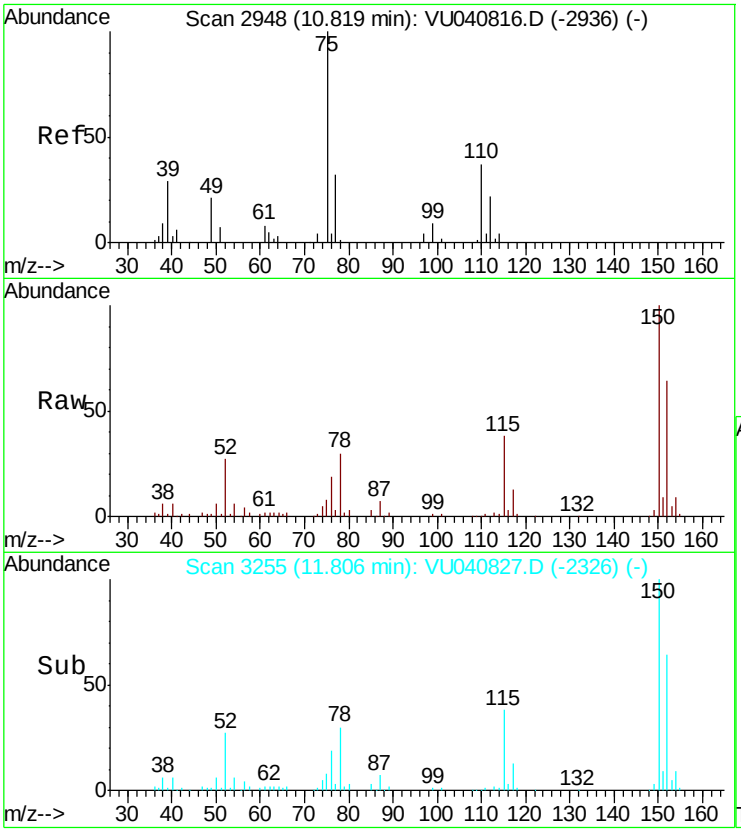


#49
Dibromochloromethane
Concen: 1.930 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Tgt Ion:129 Resp: 16933

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#59
1,2,3-Trichloropropane
Concen: 0.793 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU040827.D
Acq: 20 Oct 2020 00:37

Instrument :
MSVOA_U
ClientSampleId :
C0AK5

Tgt Ion: 75 Resp: 5931

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.4	39.6