Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041020.D
Acq On : 29 Oct 2020 17:54
Operator : SY/MD
Sample : L4558-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BP5

Quant Time: Oct 30 08:14:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23091	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	15737	3.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.00%			
7) Chloroethane-d5	1.92	69	13426	3.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.80%			
11) 1,1-Dichloroethene-d2	2.58	63	27181	3.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%			
20) 2-Butanone-d5	4.66	46	82790	55.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.38%			
24) Chloroform-d	5.08	84	34766	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
26) 1,2-Dichloroethane-d4	5.72	65	22954	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
32) Benzene-d6	5.74	84	60080	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	6.70	67	22942	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.91	98	48169	3.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.60%			
43) trans-1,3-Dichloropropene-	8.19	79	8936	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.64	63	56529	50.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20739	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	19285	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	280	0.054	ug/L	85
8) Chloroethane	1.95	64	145	0.045	ug/L #	43
9) Trichlorofluoromethane	2.15	101	29679	4.288	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	227	0.056	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	4587	1.198	ug/L #	1
13) Acetone	2.68	43	843	0.822	ug/L	93
15) Methyl Acetate	2.98	43	278	0.118	ug/L #	53
19) 1,1-Dichloroethane	3.88	63	1076	0.138	ug/L #	83
22) cis-1,2-Dichloroethene	4.69	96	4554	1.134	ug/L	85
25) Chloroform	5.10	83	1451	0.186	ug/L	82
27) 1,2-Dichloroethane	5.81	62	4706	0.810	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	863	0.129	ug/L #	68
31) Carbon tetrachloride	5.54	117	710	0.120	ug/L	89
33) Benzene	5.79	78	1000	0.061	ug/L	100
34) Trichloroethene	6.56	95	367228	88.119	ug/L	98
35) Methylcyclohexane	6.70	83	5213	0.839	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	2676	0.604	ug/L #	86

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041020.D
Acq On : 29 Oct 2020 17:54
Operator : SY/MD
Sample : L4558-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BP5

Quant Time: Oct 30 08:14:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) cis-1,3-Dichloropropene	7.58	75	587	0.096	ug/L	#	75
44) trans-1,3-Dichloropropene	8.19	75	432	0.076	ug/L	#	61
47) Tetrachloroethene	8.56	164	12747	4.160	ug/L		95
48) 2-Hexanone	8.64	43	7911	2.974	ug/L	#	70
49) Dibromochloromethane	8.56	129	13129	3.427	ug/L	#	11
59) 1,2,3-Trichloropropane	11.81	75	3319	1.005	ug/L		91

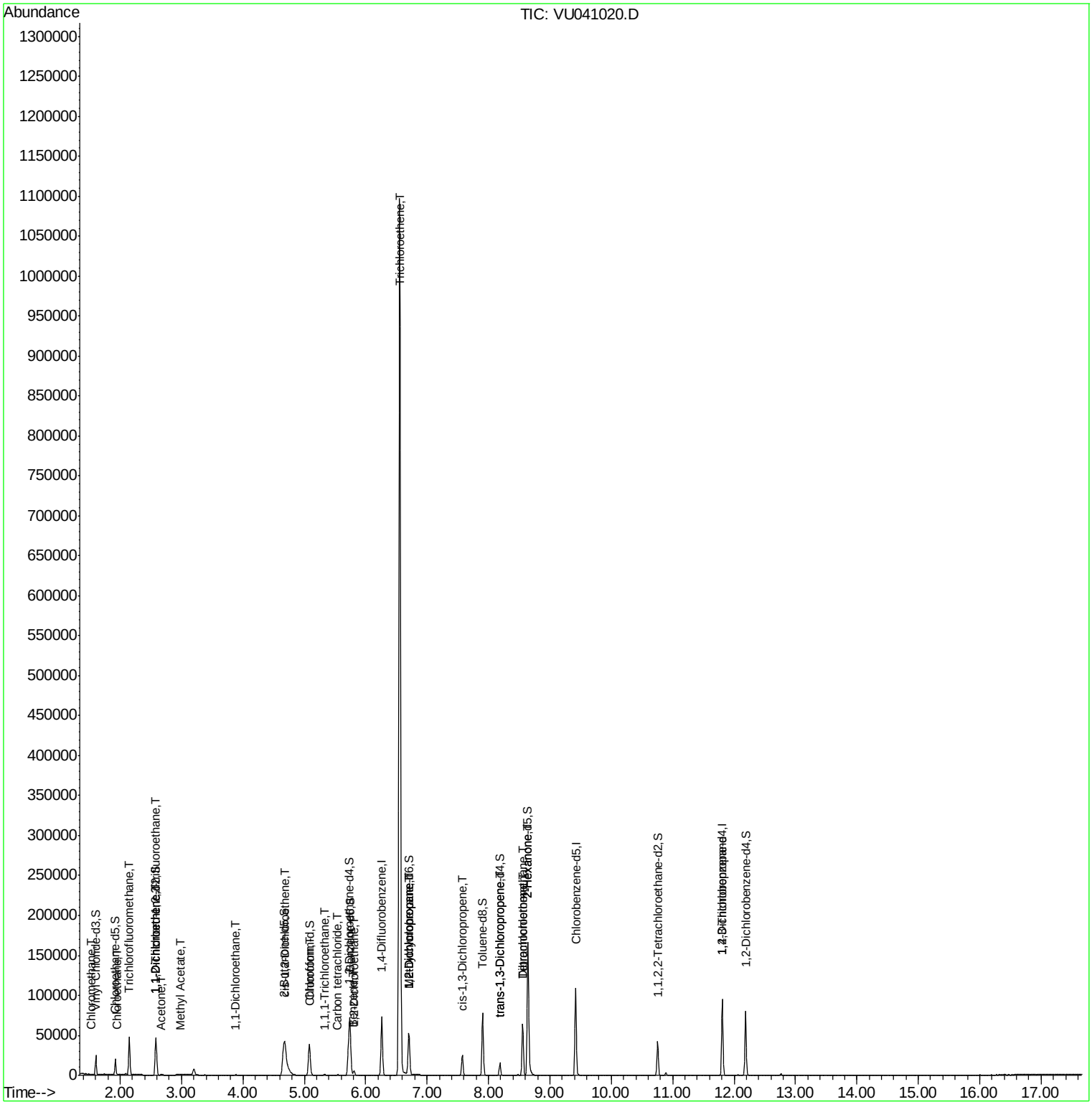
(#) = qualifier out of range (m) = manual integration (+) = signals summed

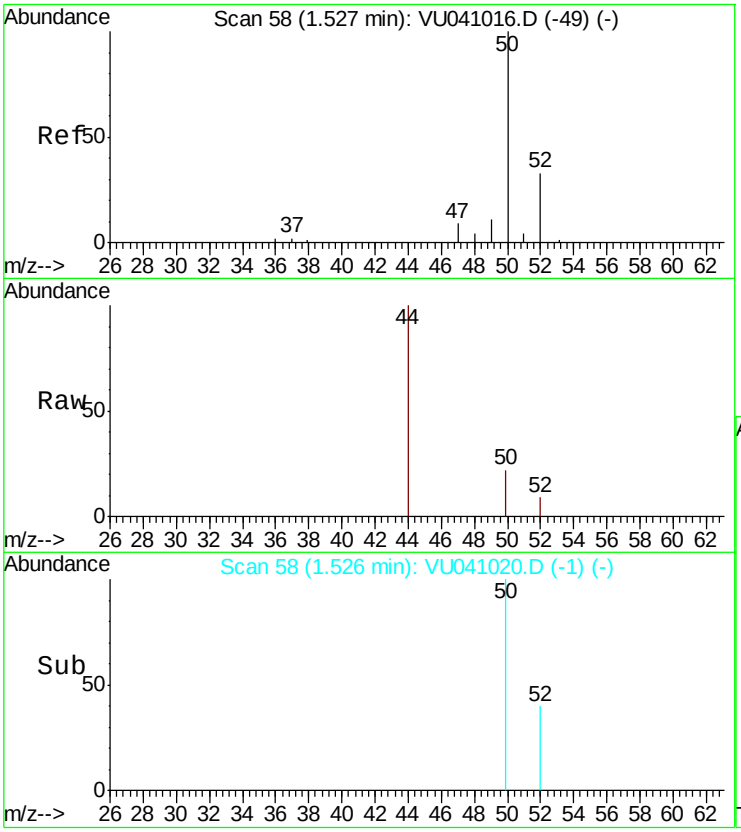
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103020\
Data File : VU041020.D
Acq On : 29 Oct 2020 17:54
Operator : SY/MD
Sample : L4558-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BP5

Quant Time: Oct 30 08:14:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration



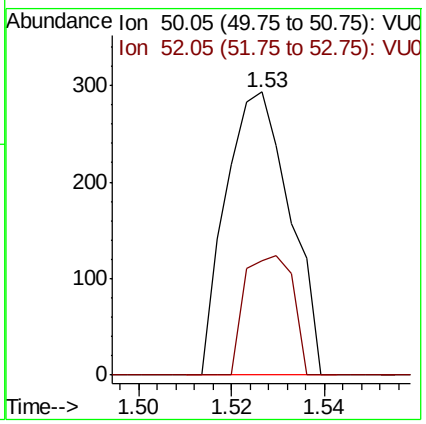


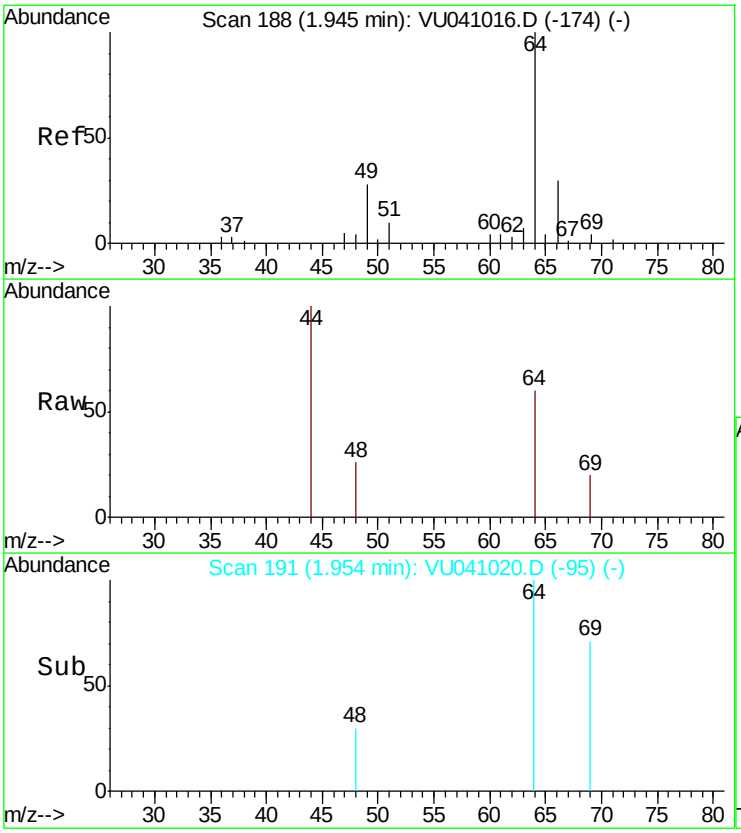
#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 50 Resp: 280

Ion	Ratio	Lower	Upper
50	100		
52	40.3	22.4	41.6

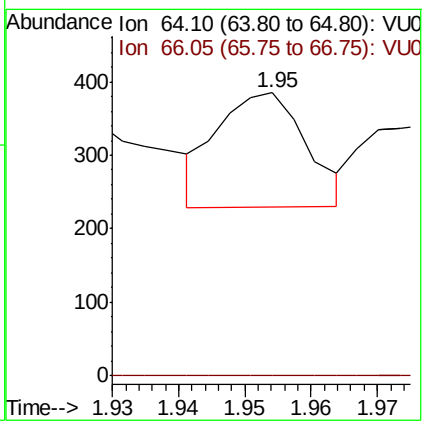


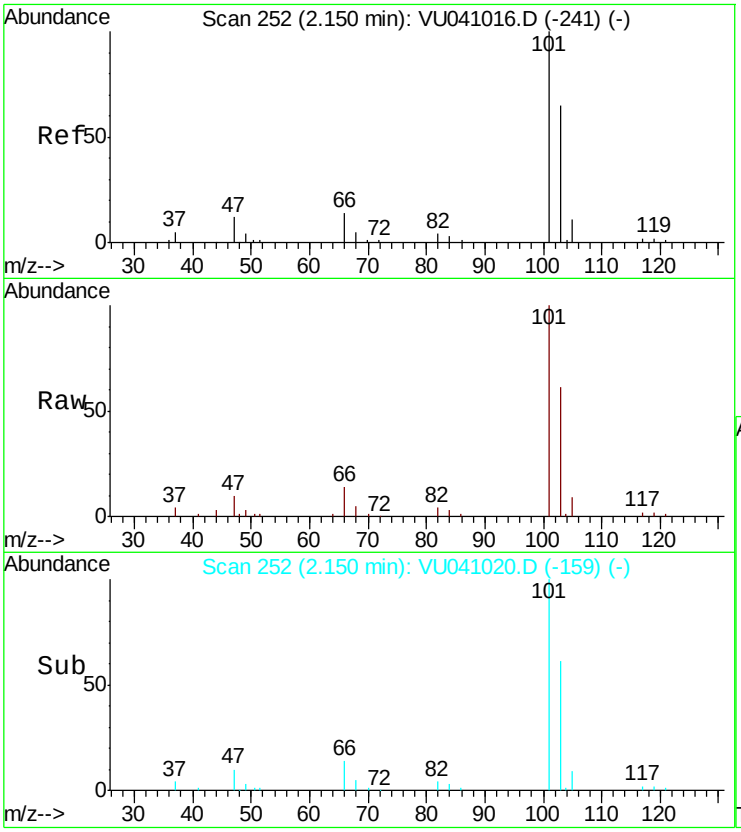


#8
Chloroethane
Concen: 0.045 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion: 64 Resp: 145

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#



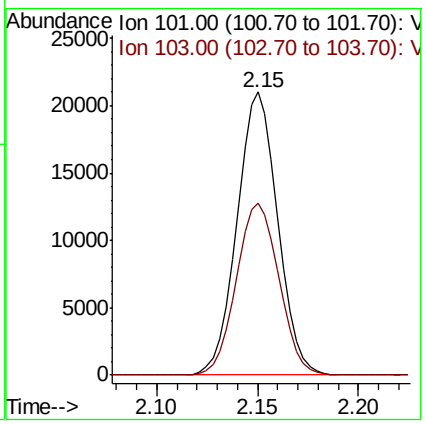


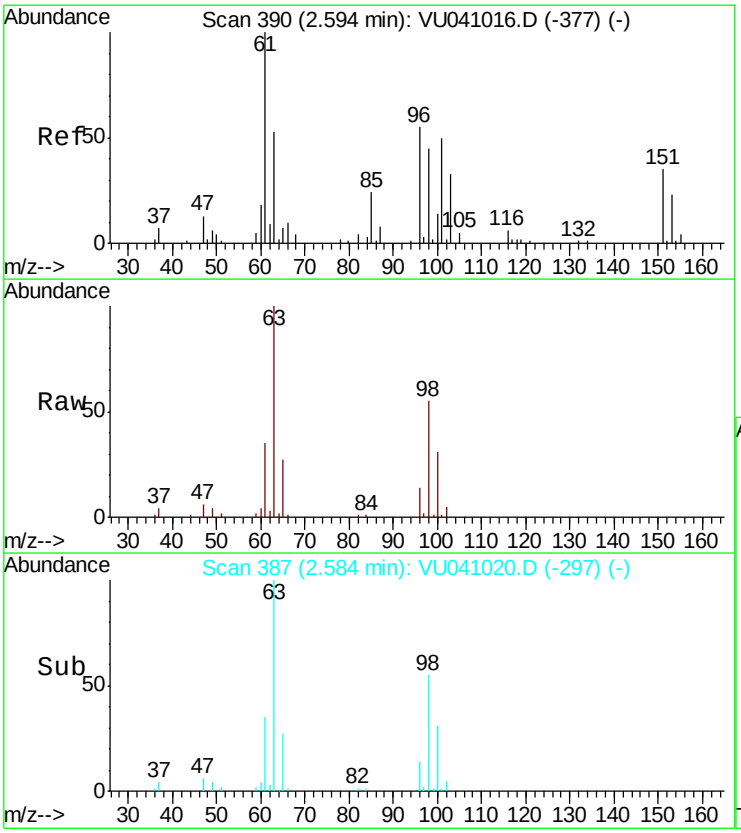
#9
Trichlorofluoromethane
Concen: 4.288 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion:101 Resp: 29679

Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.0	76.4

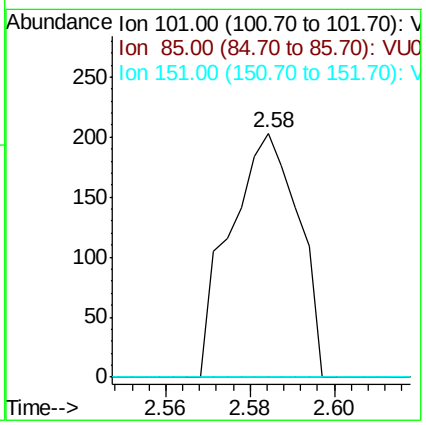


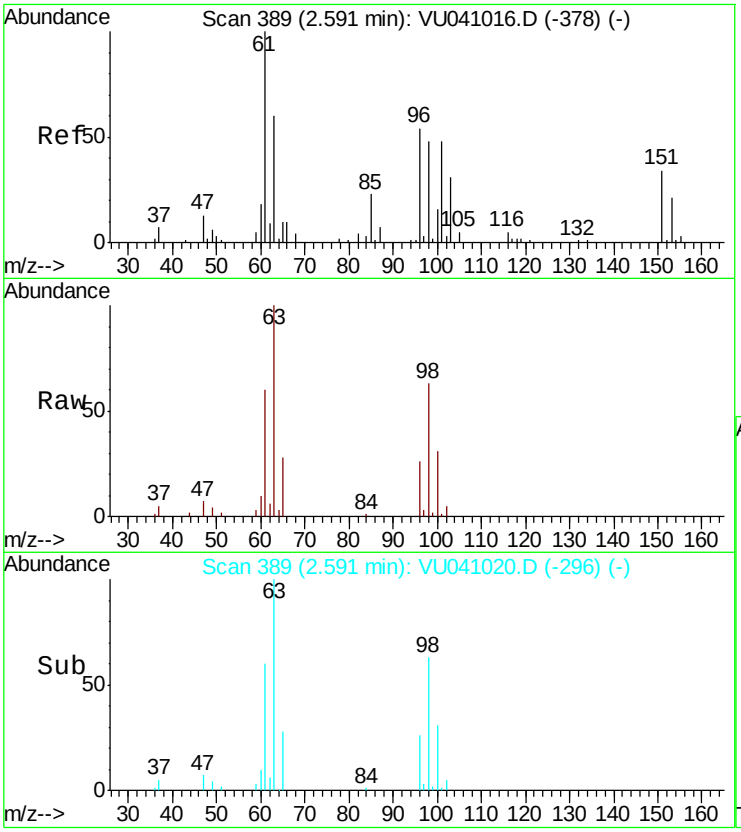


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion:101 Resp: 227

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



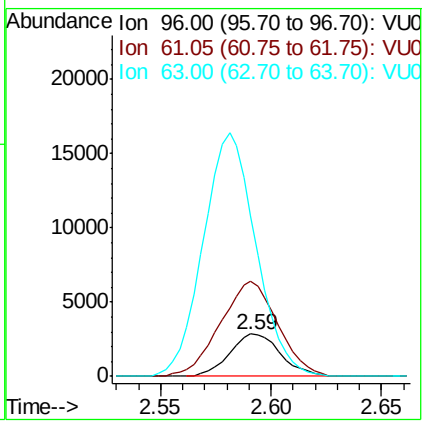


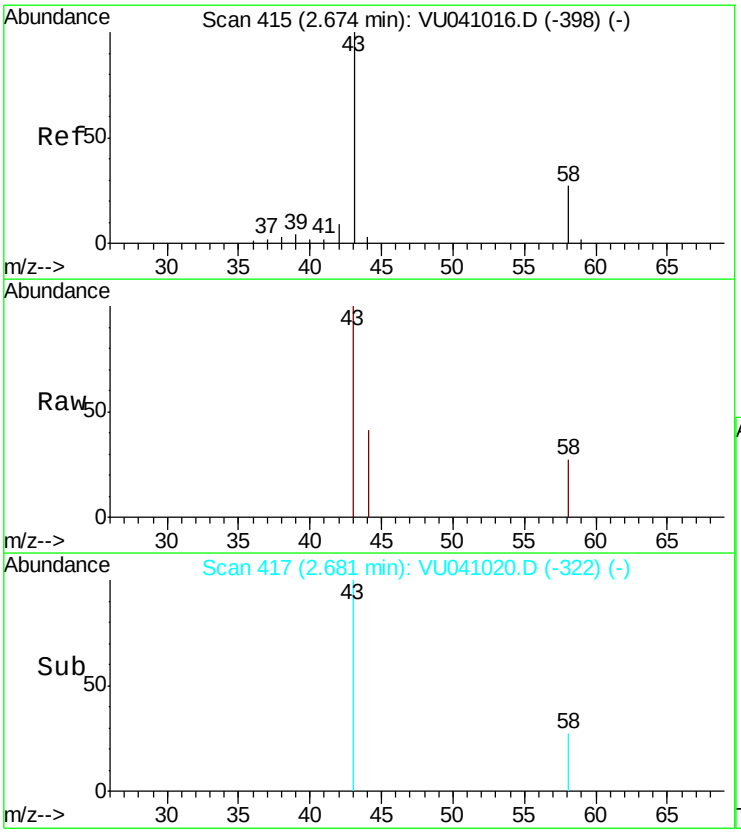
#12
1,1-Dichloroethene
Concen: 1.198 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument : MSVOA_U
ClientSampleId : C0BP5

Tgt Ion: 96 Resp: 4587

Ion	Ratio	Lower	Upper
96	100		
61	227.0	134.3	249.5
63	380.5	95.0	176.4#

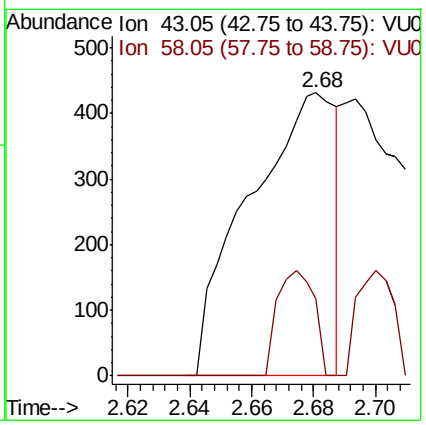


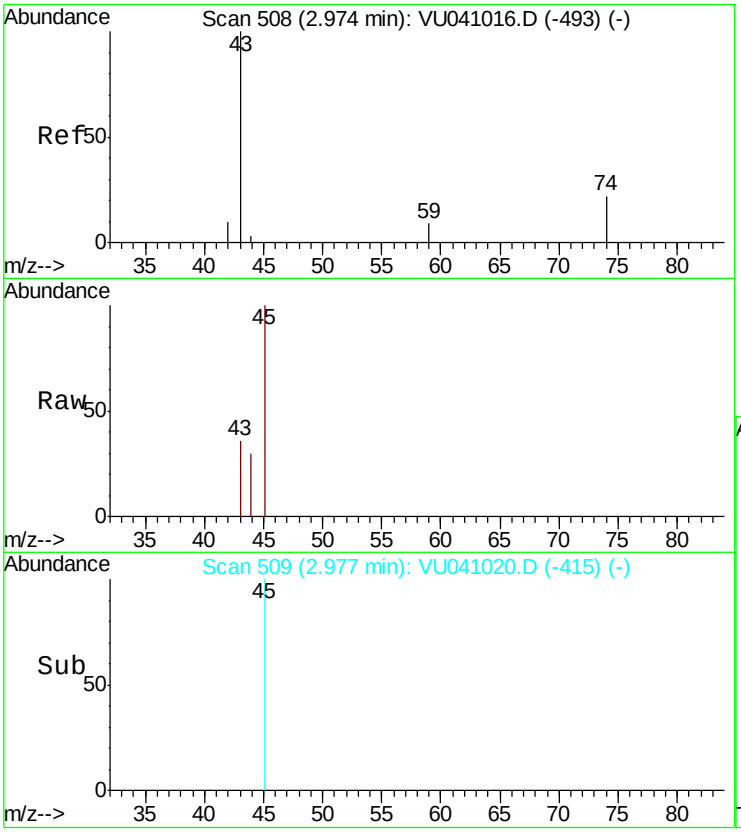


#13
Acetone
Concen: 0.822 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.01 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion: 43 Resp: 843

Ion	Ratio	Lower	Upper
43	100		
58	15.7	0.0	25.4



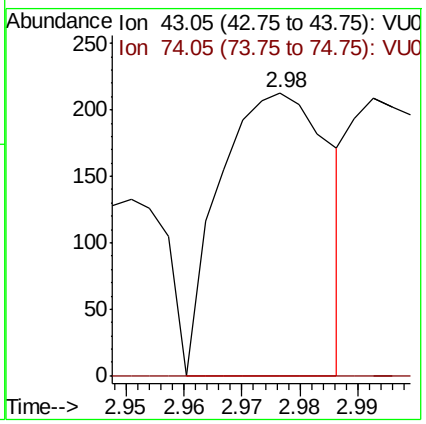


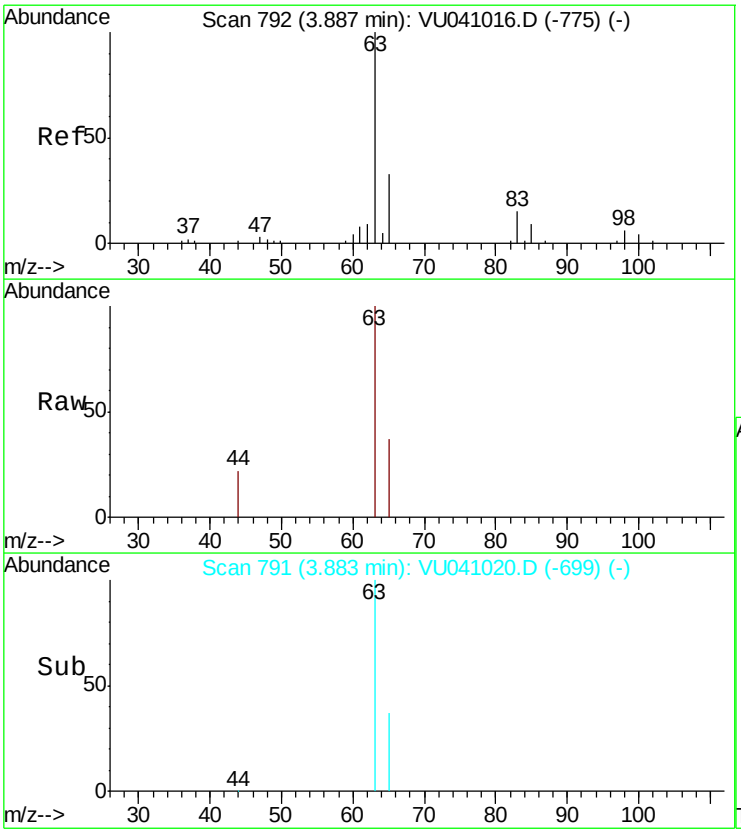
#15
Methyl Acetate
Concen: 0.118 ug/L
RT: 2.98 min Scan# 509
Delta R.T. 0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument : MSVOA_U
ClientSampleId : C0BP5

Tgt Ion: 43 Resp: 278

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#

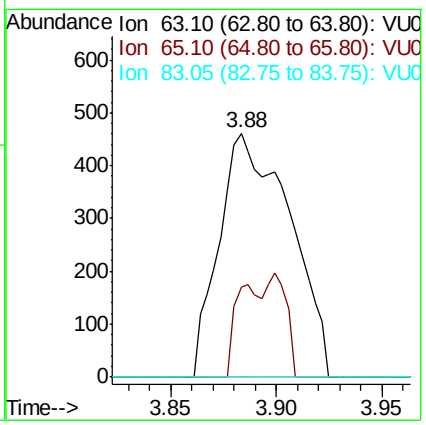


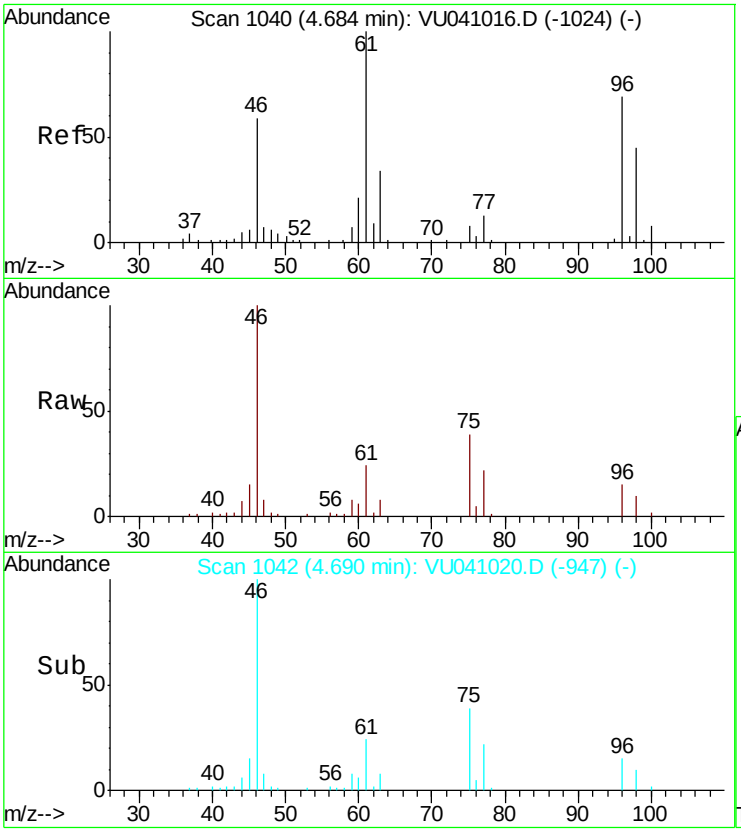


#19
1,1-Dichloroethane
Concen: 0.138 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion: 63 Resp: 1076

Ion	Ratio	Lower	Upper
63	100		
65	36.7	21.3	39.6
83	0.0	8.8	16.3#



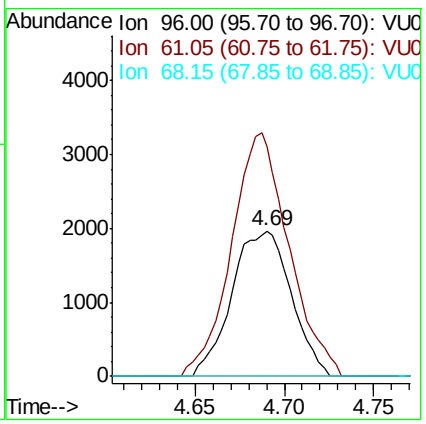


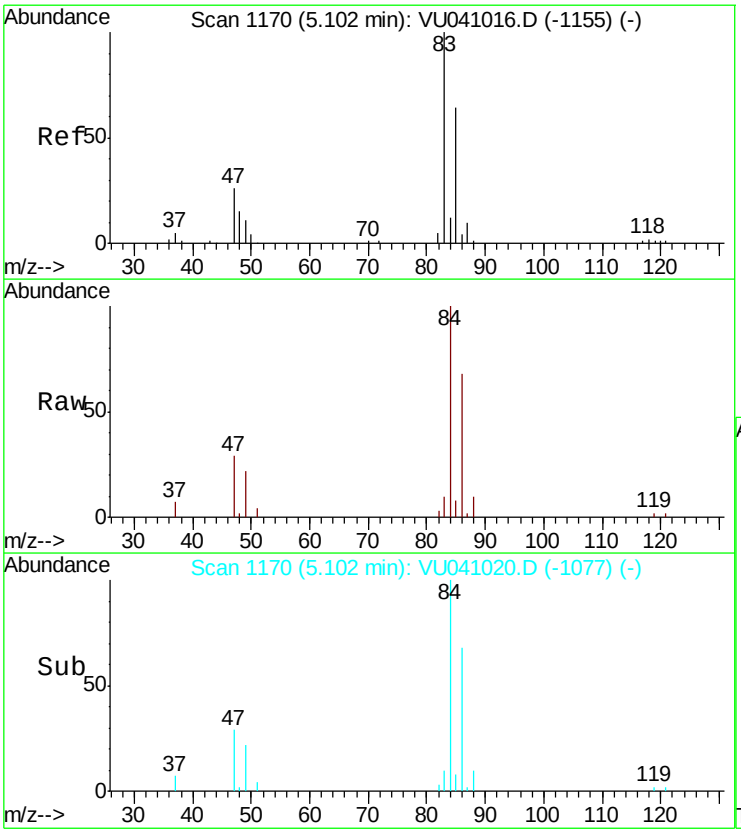
#22
cis-1,2-Dichloroethene
Concen: 1.134 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 96 Resp: 4554

Ion	Ratio	Lower	Upper
96	100		
61	157.5	97.2	180.4
68	0.0	0.0	0.0

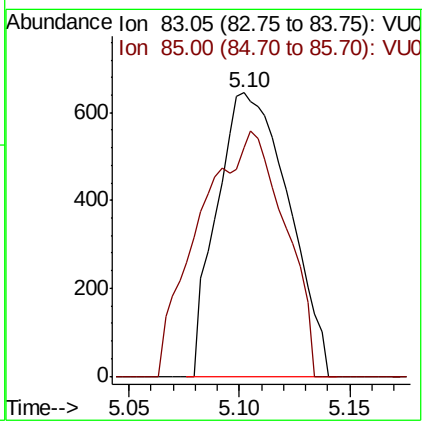


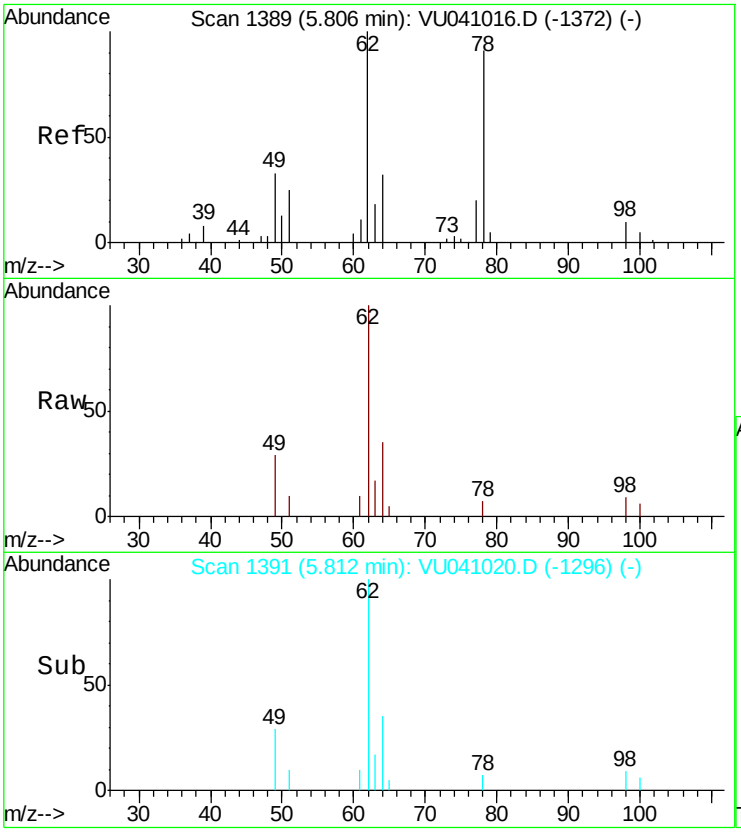


#25
Chloroform
Concen: 0.186 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion: 83 Resp: 1451

Ion	Ratio	Lower	Upper
83	100		
85	80.5	46.1	85.7



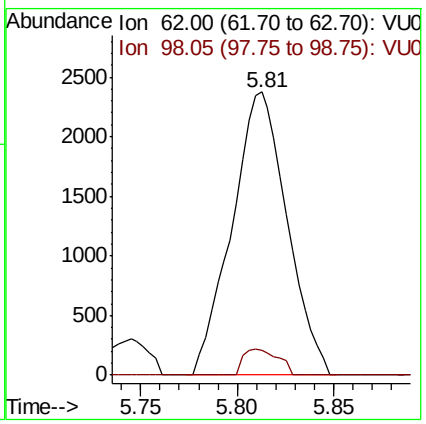


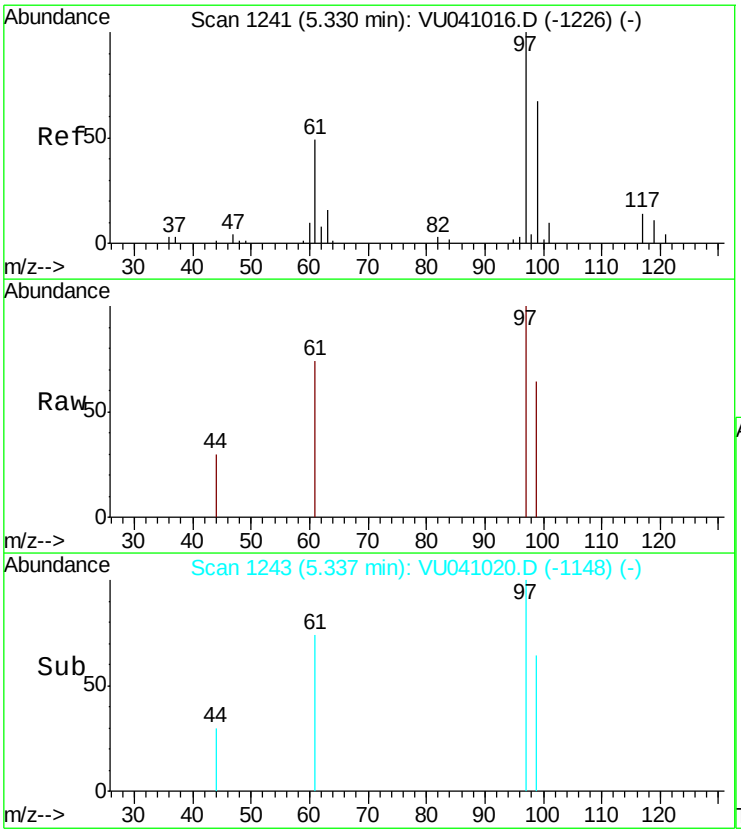
#27
1,2-Dichloroethane
Concen: 0.810 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument : MSVOA_U
ClientSampleId : C0BP5

Tgt Ion: 62 Resp: 4706

Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.6	11.4

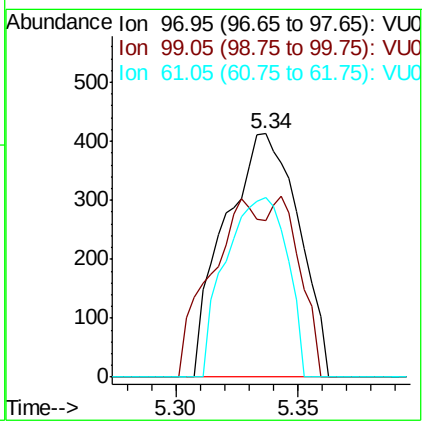


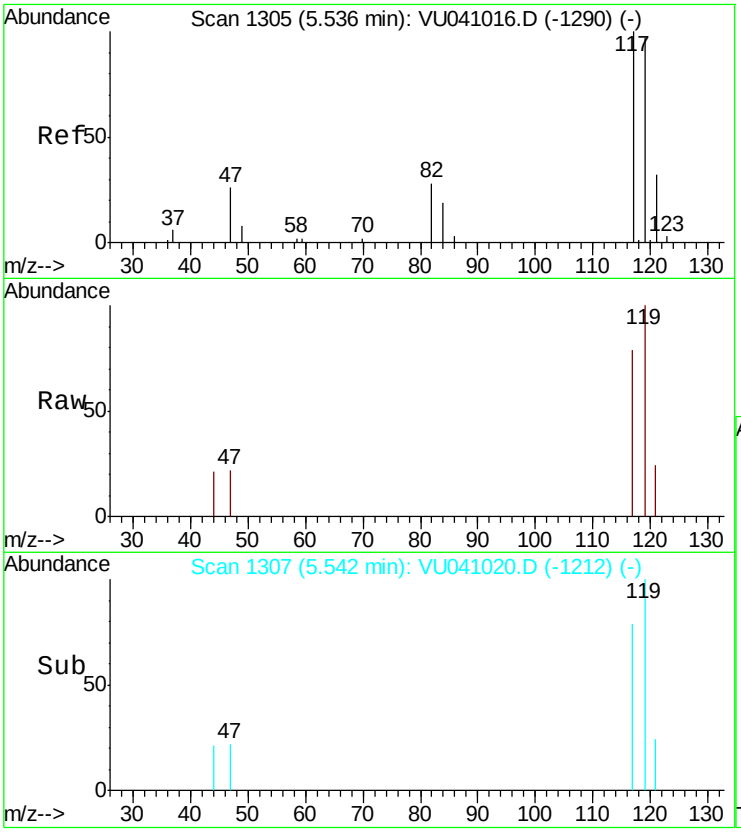


#29
1,1,1-Trichloroethane
Concen: 0.129 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion: 97 Resp: 863

Ion	Ratio	Lower	Upper
97	100		
99	30.2	53.4	80.0#
61	61.9	41.6	62.4



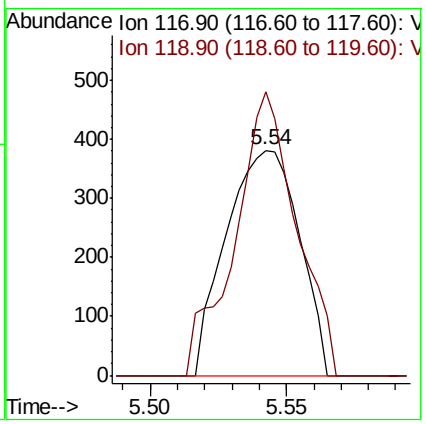


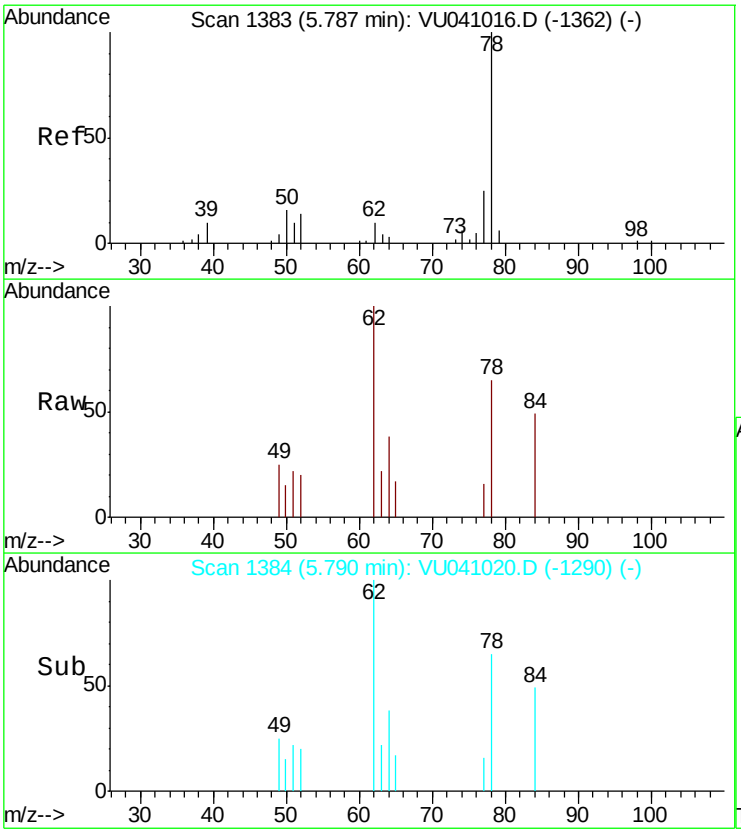
#31
Carbon tetrachloride
Concen: 0.120 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.01 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion:117 Resp: 710

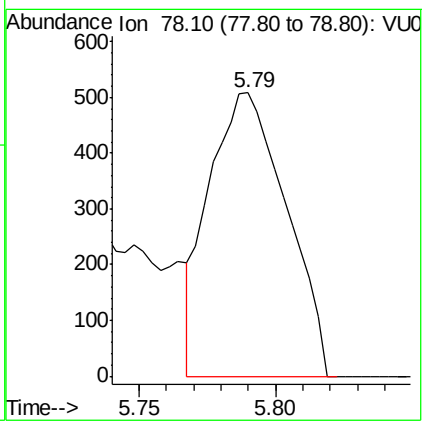
Ion	Ratio	Lower	Upper
117	100		
119	105.6	76.1	114.1

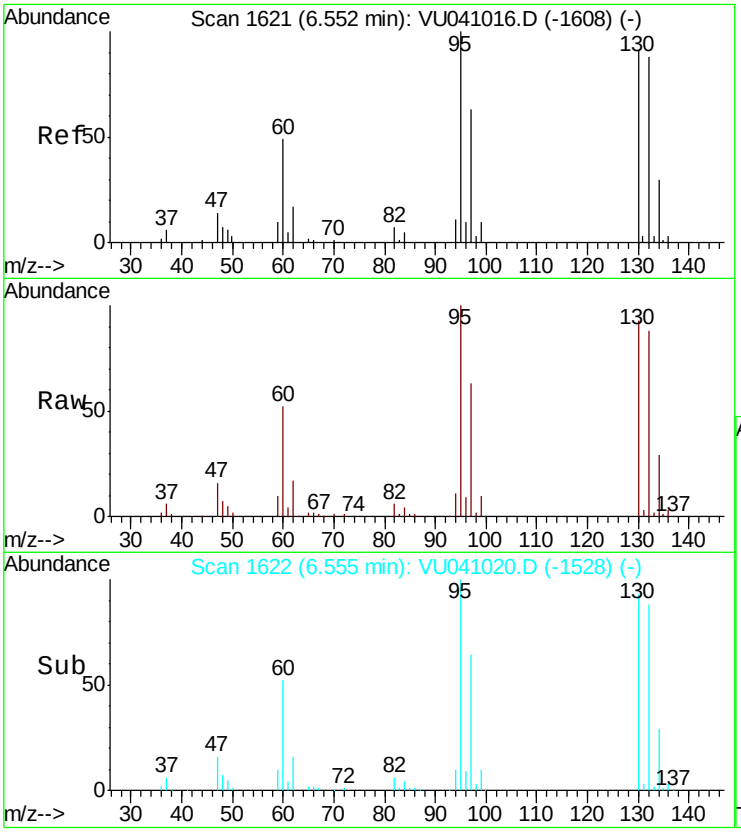




#33
Benzene
Concen: 0.061 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion: 78 Resp: 1000



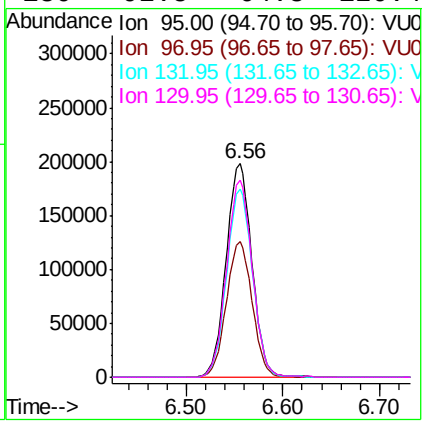


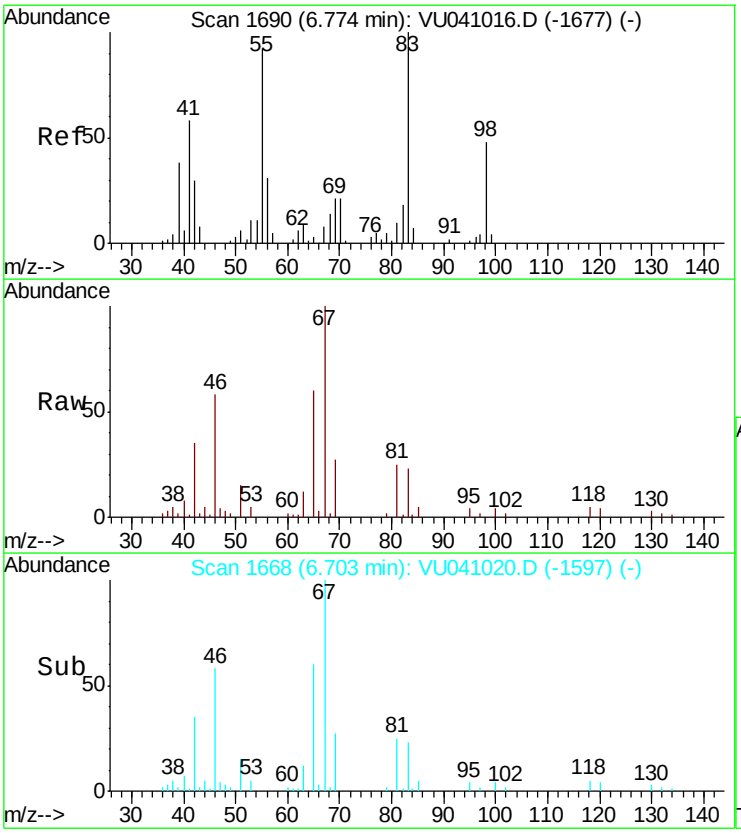
#34
Trichloroethene
Concen: 88.119 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 95 Resp: 367228

Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.6	84.6
132	88.0	64.8	120.4
130	92.5	64.8	120.4

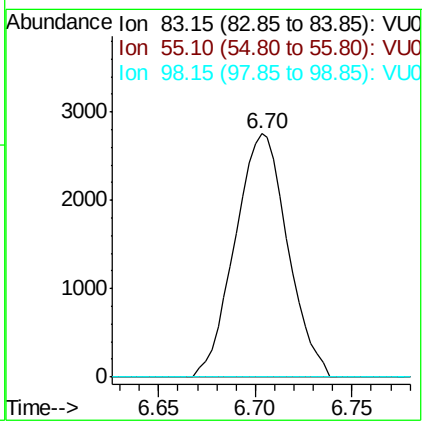


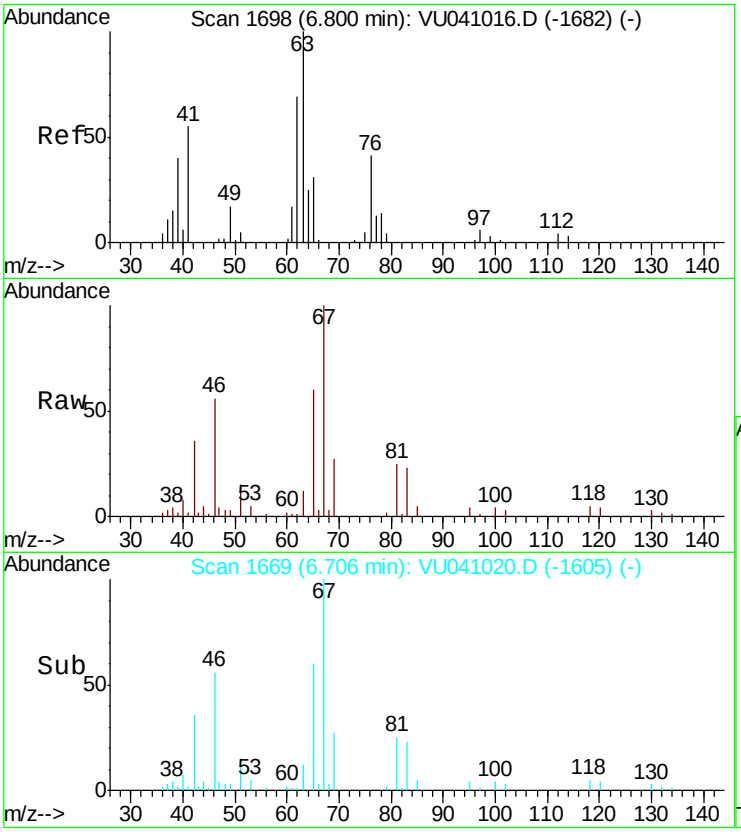


#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion: 83 Resp: 5213

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



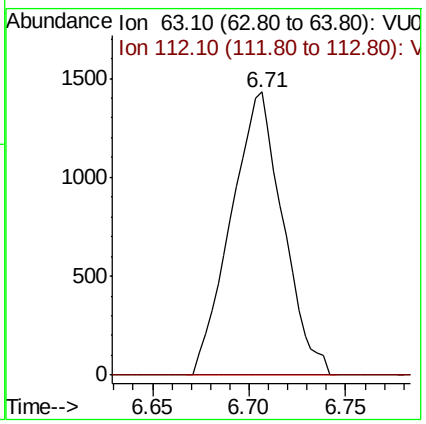


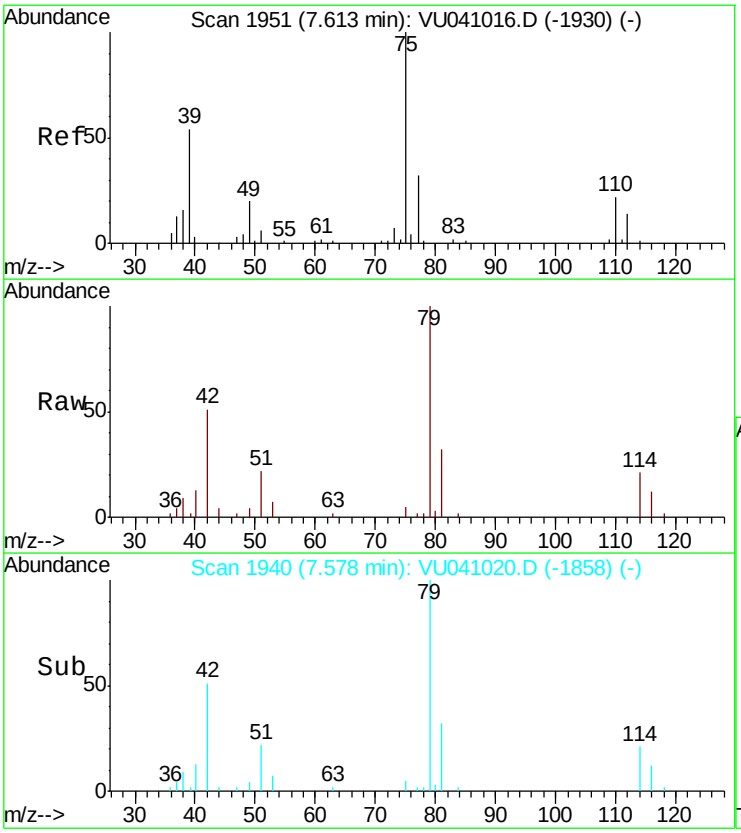
#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 63 Resp: 2676

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

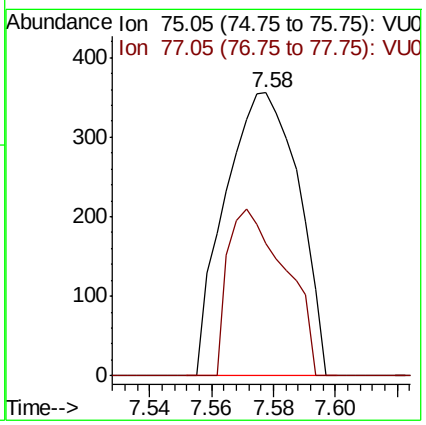


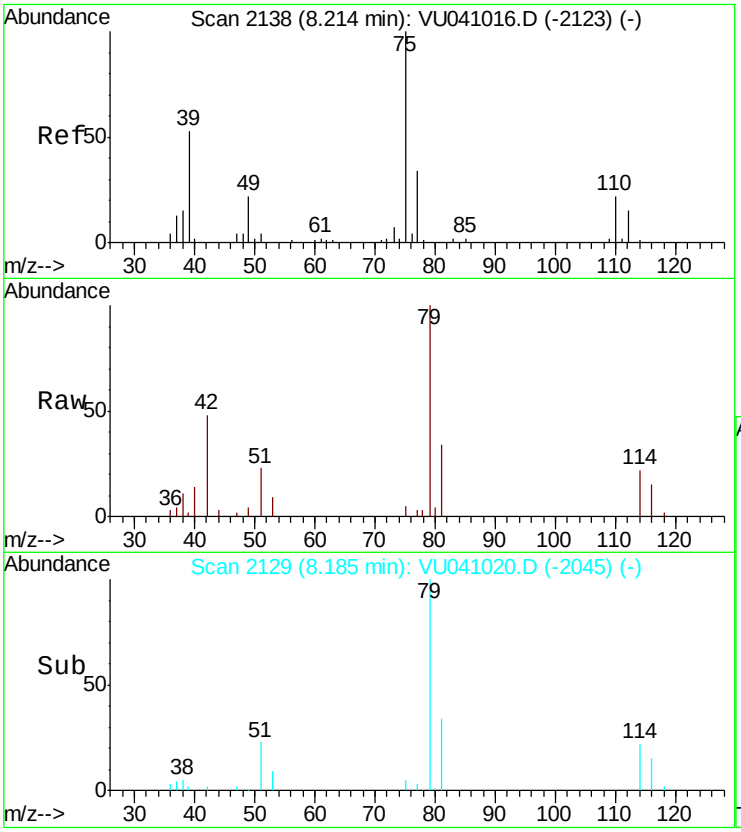


#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion: 75 Resp: 587

Ion	Ratio	Lower	Upper
75	100		
77	46.6	22.7	42.3#



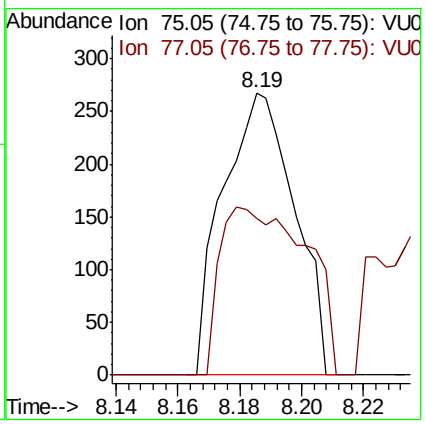


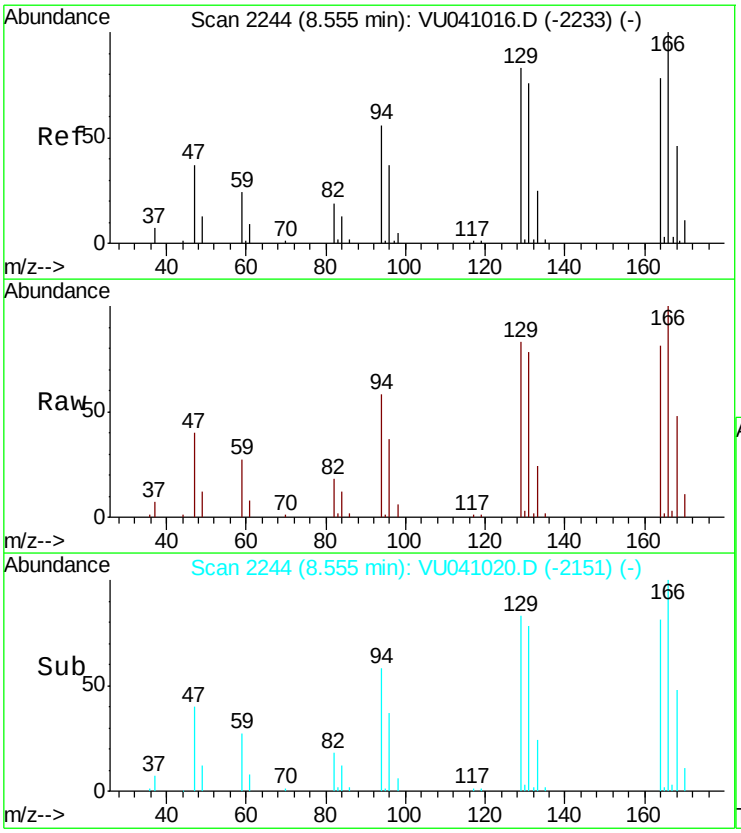
#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument : MSVOA_U
ClientSampleId : C0BP5

Tgt Ion: 75 Resp: 432

Ion	Ratio	Lower	Upper
75	100		
77	55.6	23.3	43.3#

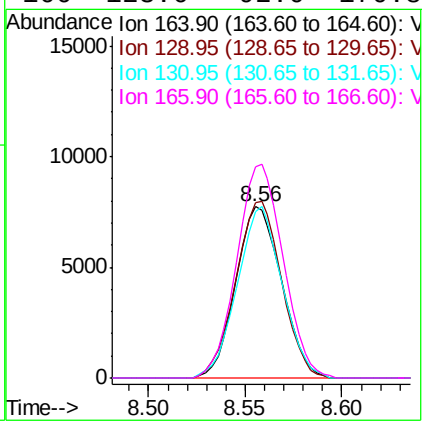


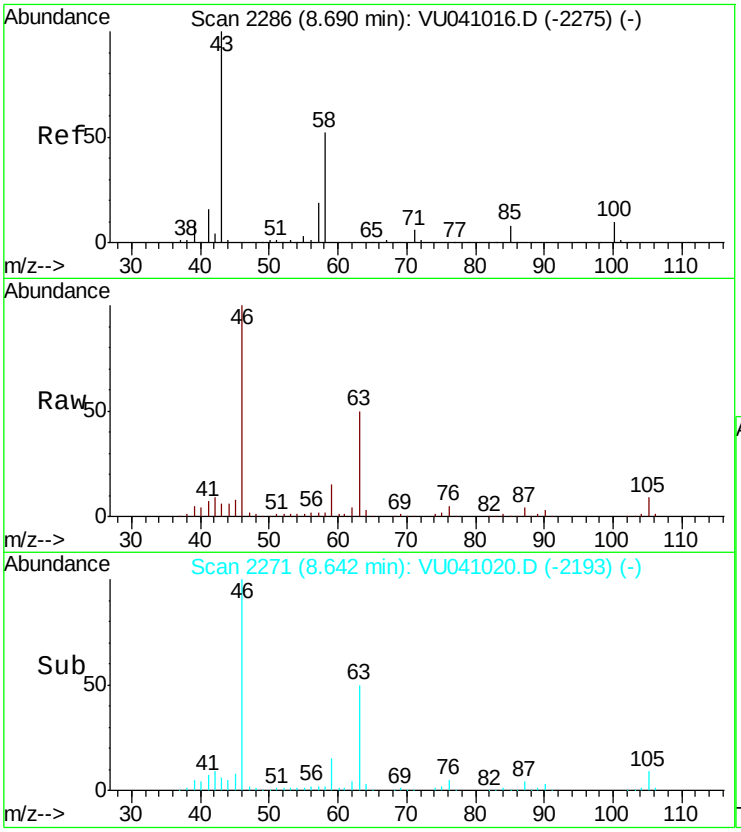


#47
Tetrachloroethene
Concen: 4.160 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion:164 Resp: 12747

Ion	Ratio	Lower	Upper
164	100		
129	102.5	70.3	130.7
131	96.8	70.8	131.4
166	123.6	92.0	170.8



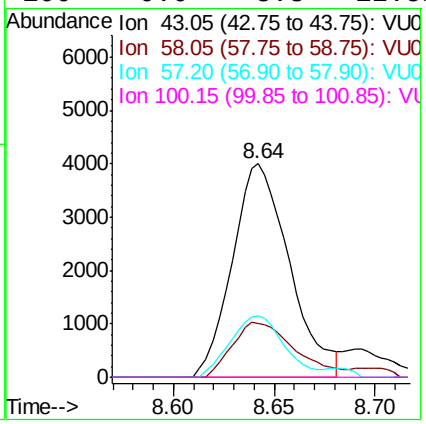


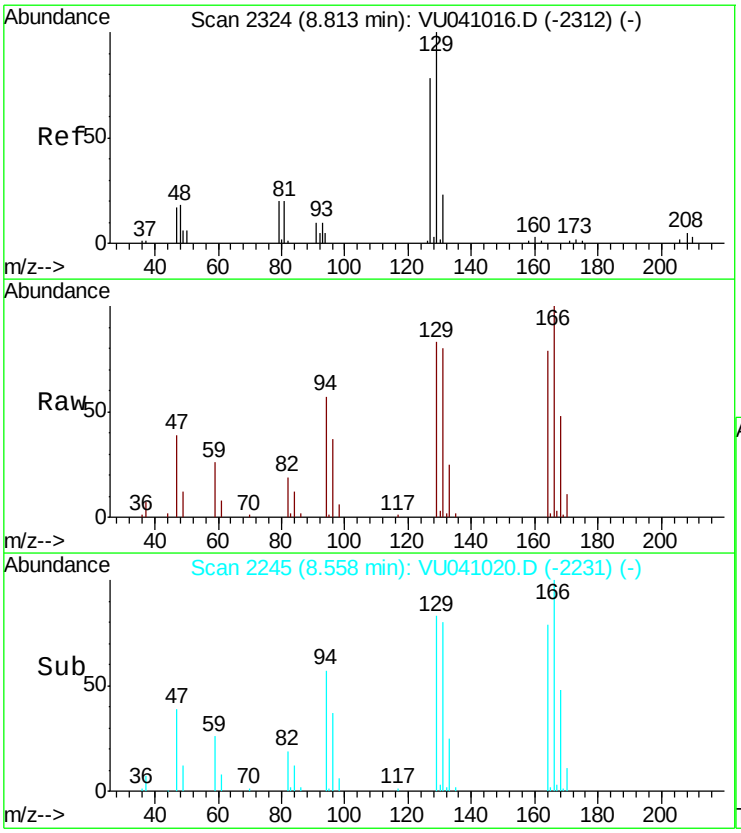
#48
2-Hexanone
Concen: 2.974 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument : MSVOA_U
ClientSampleId : C0BP5

Tgt Ion: 43 Resp: 7911

Ion	Ratio	Lower	Upper
43	100		
58	28.5	41.4	62.2#
57	27.5	14.6	21.8#
100	0.0	8.3	12.5#

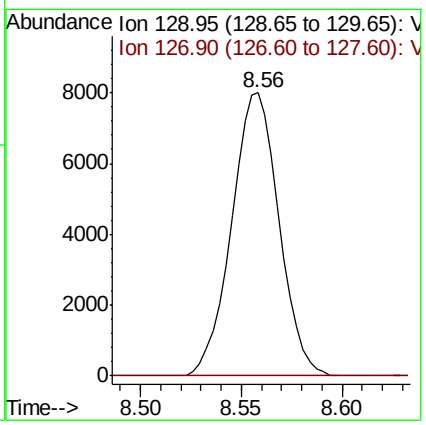


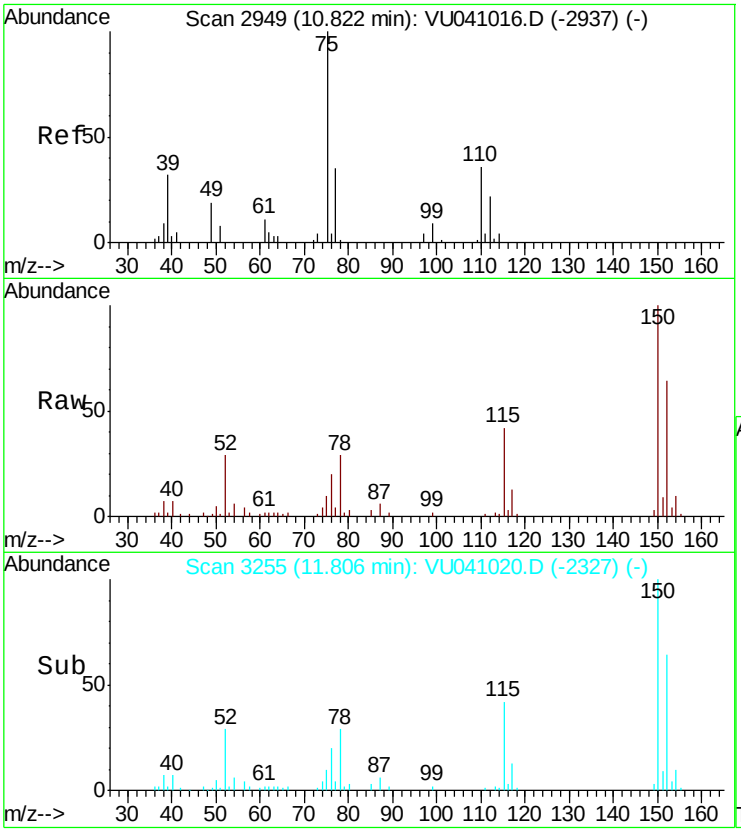


#49
Dibromochloromethane
Concen: 3.427 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Tgt Ion:129 Resp: 13129

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#59
1,2,3-Trichloropropane
Concen: 1.005 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041020.D
Acq: 29 Oct 2020 17:54

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 75 Resp: 3319

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.7	38.5