Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\

Quantitation Report (Not Reviewed)

Data File : VU032743.D
Acq On : 14 Jun 2019 23:49
Operator : JC/SP
Sample : K3383-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XK3

Quant Time: Jun 15 00:54:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97780	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.08	117	90884	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44934	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	27802	4.37	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%				
7) Chloroethane-d5	1.68	69	23835	4.39	ug/L		0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%				
11) 1,1-Dichloroethene-d2	2.27	63	43598	3.38	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%				
20) 2-Butanone-d5	4.18	46	99891	56.30	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.60%				
24) Chloroform-d	4.64	84	60846	5.29	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%				
26) 1,2-Dichloroethane-d4	5.30	65	34815	5.85	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.00%				
32) Benzene-d6	5.33	84	113428	5.02	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%				
36) 1,2-Dichloropropane-d6	6.32	67	38979	5.60	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%				
41) Toluene-d8	7.56	98	98872	4.73	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%				
43) trans-1,3-Dichloropropene-	7.85	79	15084	5.07	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.40%				
46) 2-Hexanone-d5	8.31	63	77308	51.84	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.68%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34187	5.82	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.40%				
64) 1,2-Dichlorobenzene-d4	11.85	152	41279	5.11	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	2398	0.276	ug/L		96
9) Trichlorofluoromethane	1.88	101	84032	6.865	ug/L		99
13) Acetone	2.32	43	1925	1.398	ug/L		80
15) Methyl Acetate	2.44	43	8373	2.216	ug/L	#	55
22) cis-1,2-Dichloroethene	4.21	96	7378	0.973	ug/L		90
25) Chloroform	4.66	83	2953	0.241	ug/L		100
31) Carbon tetrachloride	5.13	117	2375	0.236	ug/L		87
34) Trichloroethene	6.18	95	208321	27.028	ug/L		99
35) Methylcyclohexane	6.32	83	8824	0.712	ug/L	#	19
37) 1,2-Dichloropropane	6.32	63	4102	0.592	ug/L	#	89
45) 1,1,2-Trichloroethane	8.06	97	743	0.147	ug/L		85
47) Tetrachloroethene	8.22	164	216541	35.701	ug/L		96
48) 2-Hexanone	8.31	43	10041	2.848	ug/L	#	72
49) Dibromochloromethane	8.22	129	201465	31.227	ug/L	#	12
59) 1,2,3-Trichloropropane	11.48	75	5834	1.281	ug/L		89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\

Quantitation Report (Not Reviewed)

Data File : VU032743.D
Acq On : 14 Jun 2019 23:49
Operator : JC/SP
Sample : K3383-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XK3

Quant Time: Jun 15 00:54:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
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\VU061419\

Quantitation Report (Not Reviewed)

Data File : VU032743.D
Acq On : 14 Jun 2019 23:49
Operator : JC/SP
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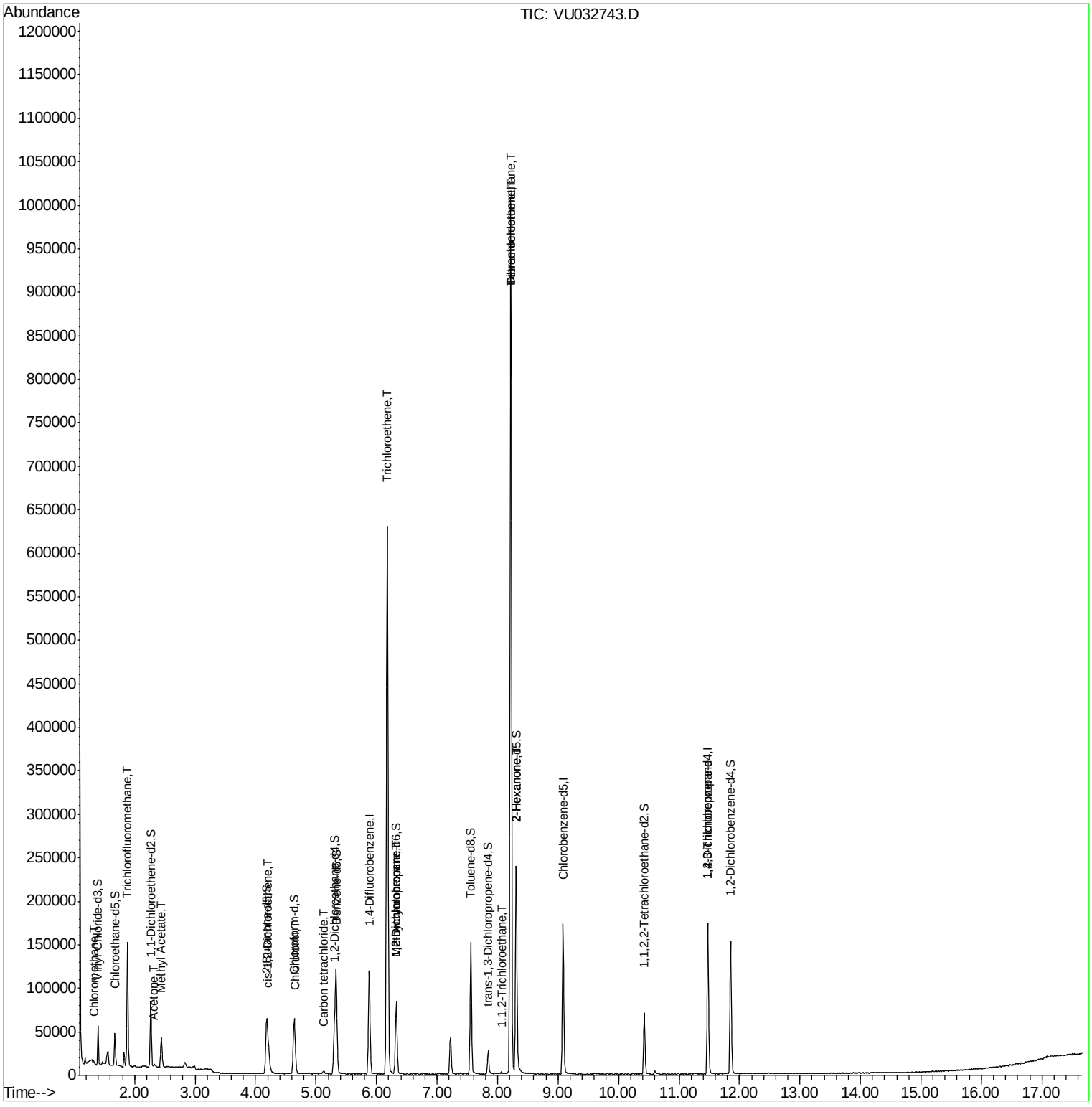
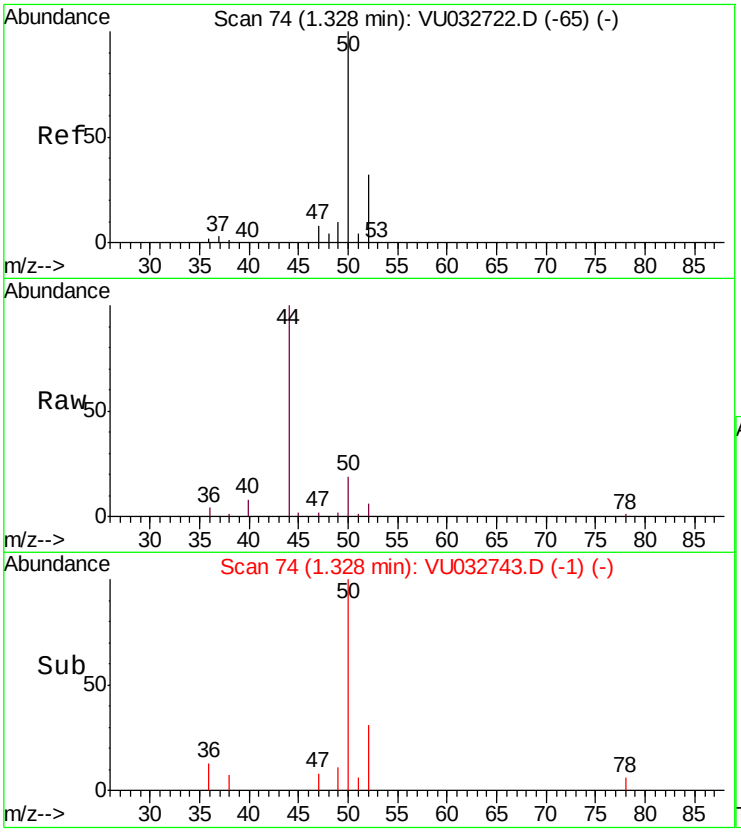
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration



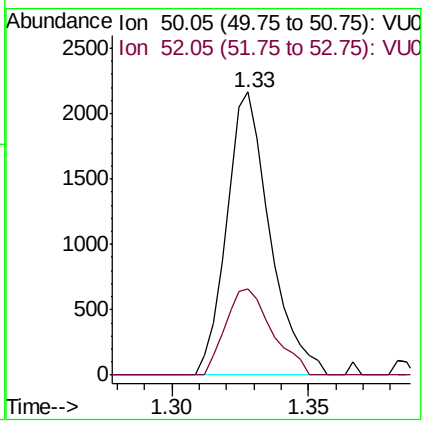


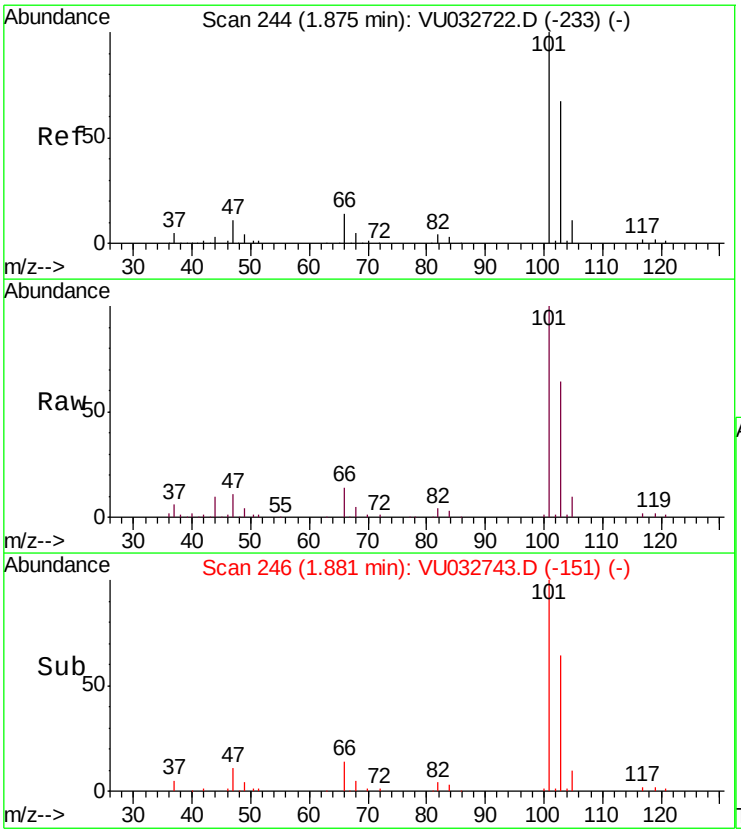
#3
Chloromethane
Concen: 0.276 ug/L
RT: 1.33 min Scan# 74
Delta R.T. -0.00 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Instrument :
MSVOA_U
ClientSampleId :
C0XK3

Tgt Ion: 50 Resp: 2398

Ion	Ratio	Lower	Upper
50	100		
52	30.7	23.2	43.2

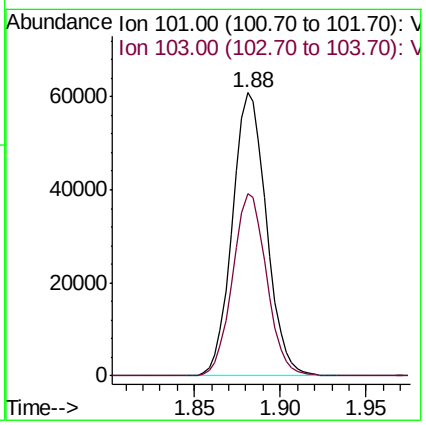


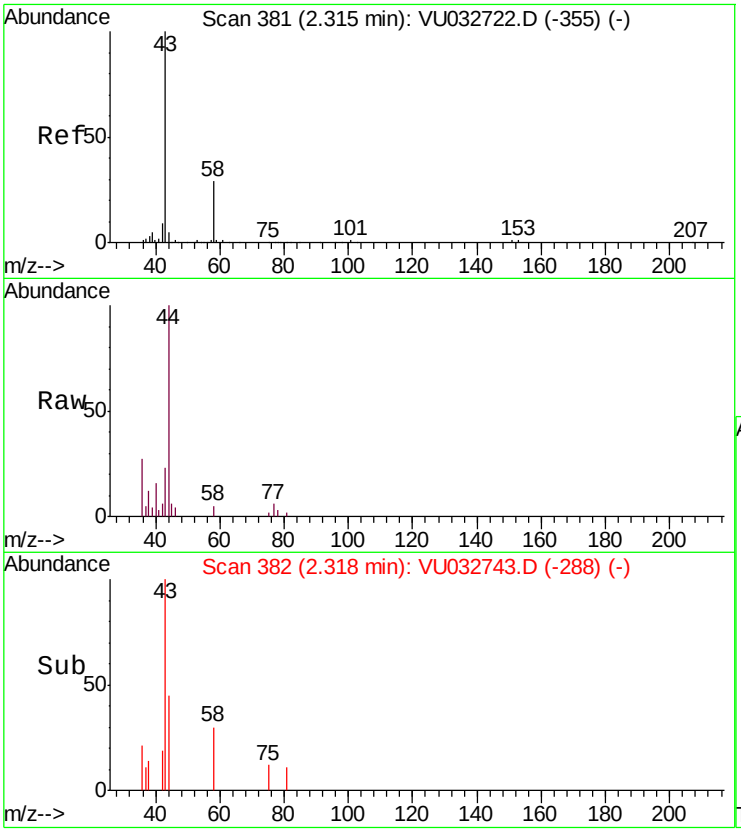


#9
Trichlorofluoromethane
Concen: 6.865 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.01 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Tgt Ion:101 Resp: 84032

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.2



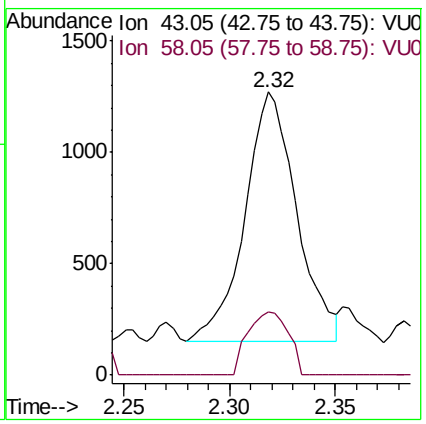


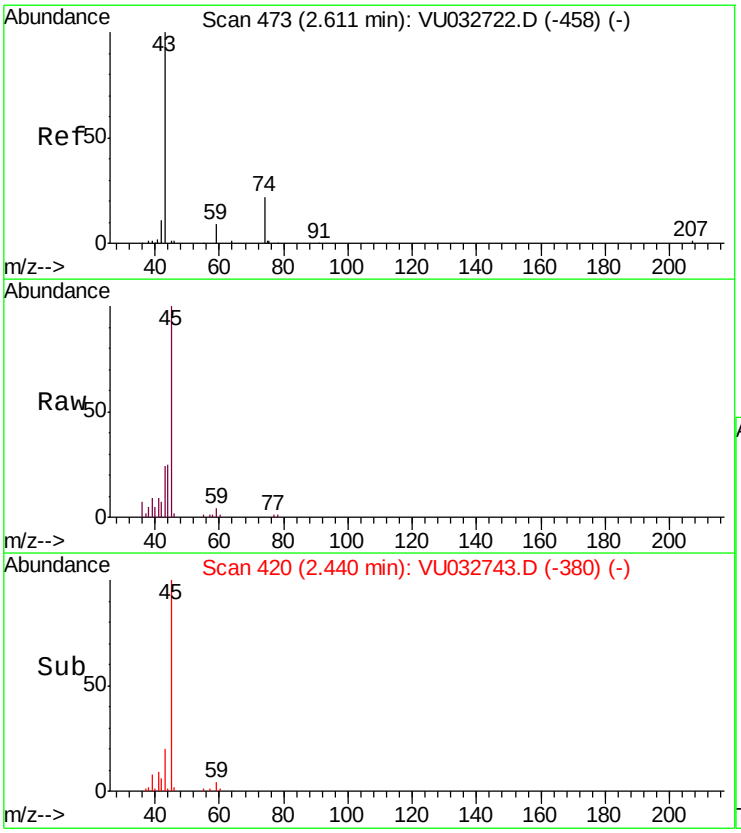
#13
Acetone
Concen: 1.398 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Instrument :
MSVOA_U
ClientSampleId :
C0XK3

Tgt Ion: 43 Resp: 1925

Ion	Ratio	Lower	Upper
43	100		
58	19.7	0.0	60.8

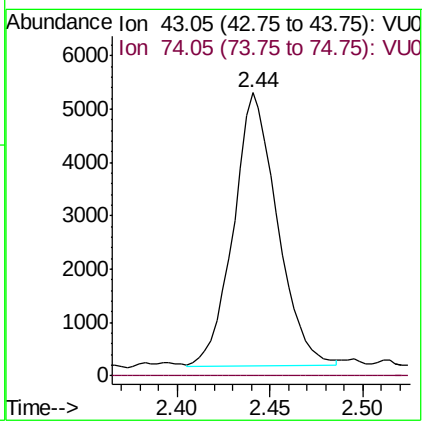


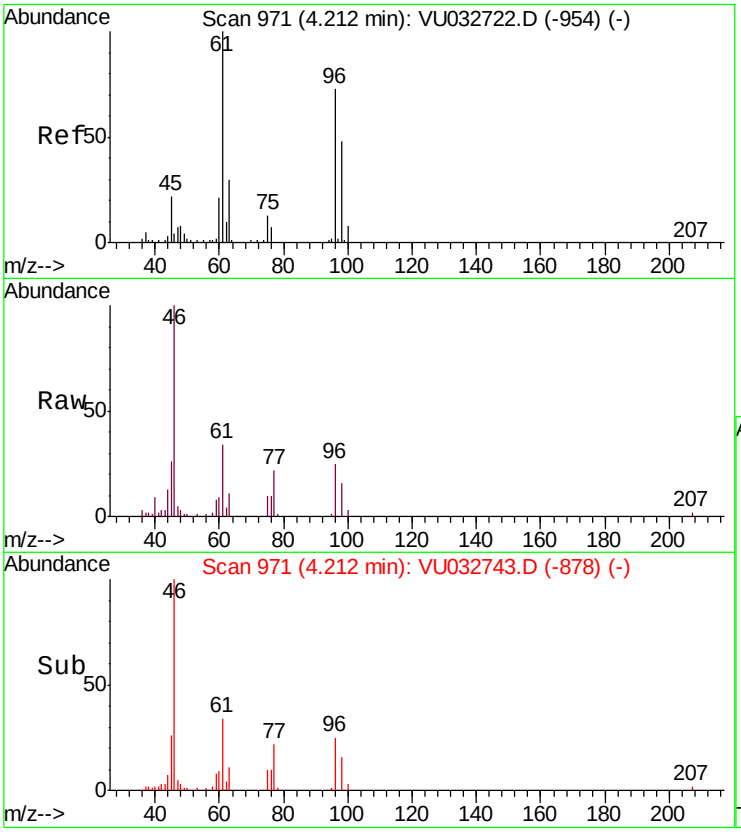


#15
Methyl Acetate
Concen: 2.216 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.17 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Tgt Ion: 43 Resp: 8373

Ion	Ratio	Lower	Upper
43	100		
74	0.5	17.8	26.8#



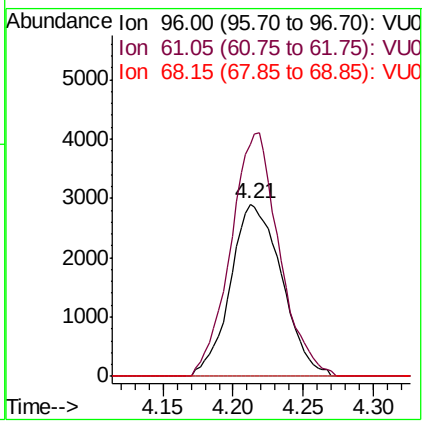


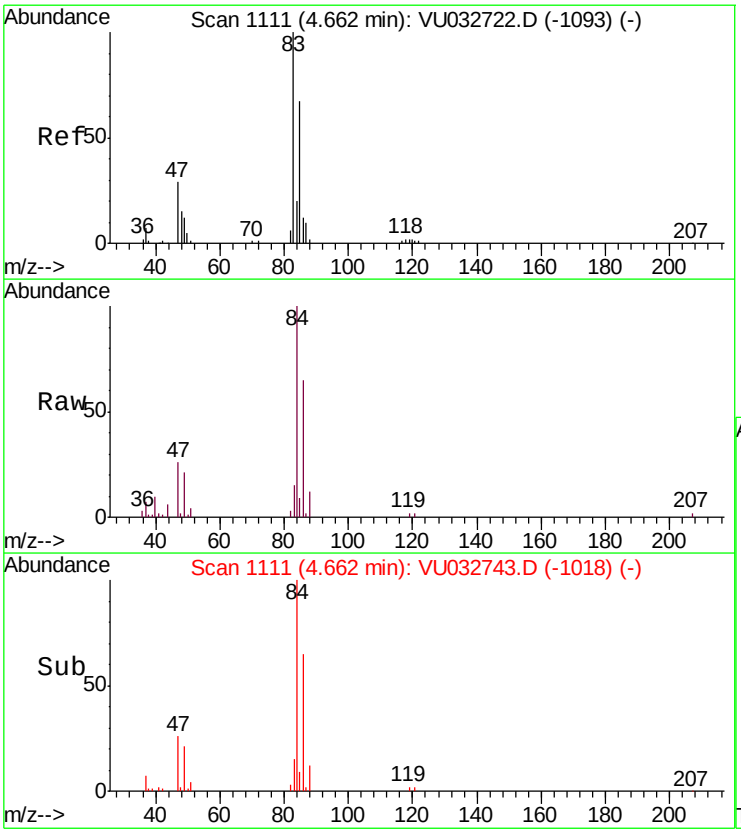
#22
cis-1,2-Dichloroethene
Concen: 0.973 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.00 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Instrument : MSVOA_U
ClientSampleId : C0XK3

Tgt Ion: 96 Resp: 7378

Ion	Ratio	Lower	Upper
96	100		
61	134.8	86.6	160.8
68	0.0	0.0	0.0

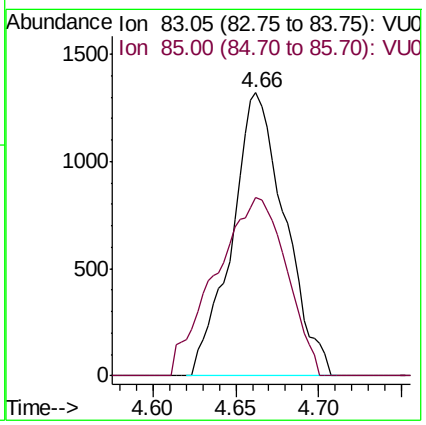


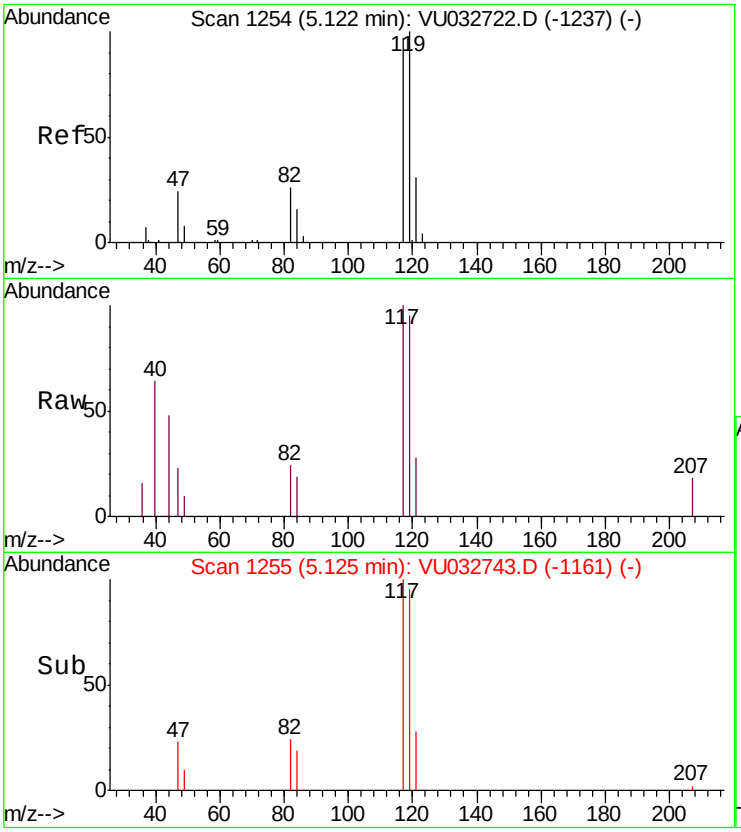


#25
Chloroform
Concen: 0.241 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Tgt Ion: 83 Resp: 2953

Ion	Ratio	Lower	Upper
83	100		
85	62.8	43.8	81.3



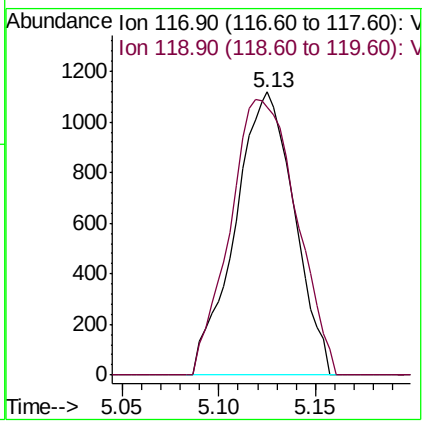


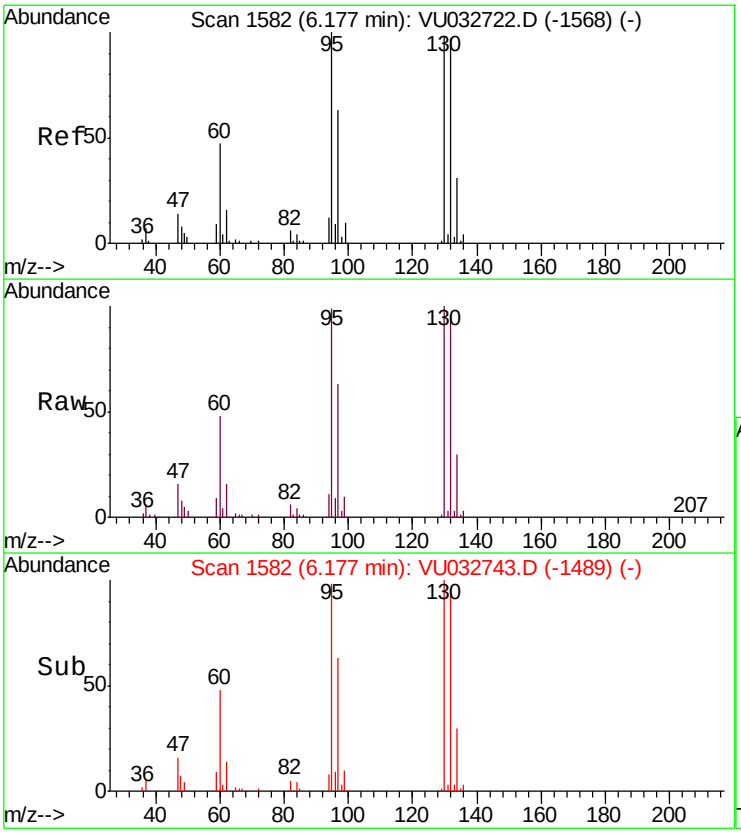
#31
Carbon tetrachloride
Concen: 0.236 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Instrument :
MSVOA_U
ClientSampleId :
C0XK3

Tgt Ion:117 Resp: 2375

Ion	Ratio	Lower	Upper
117	100		
119	109.8	77.8	116.6

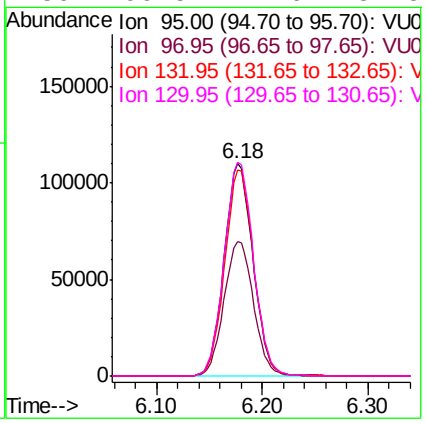


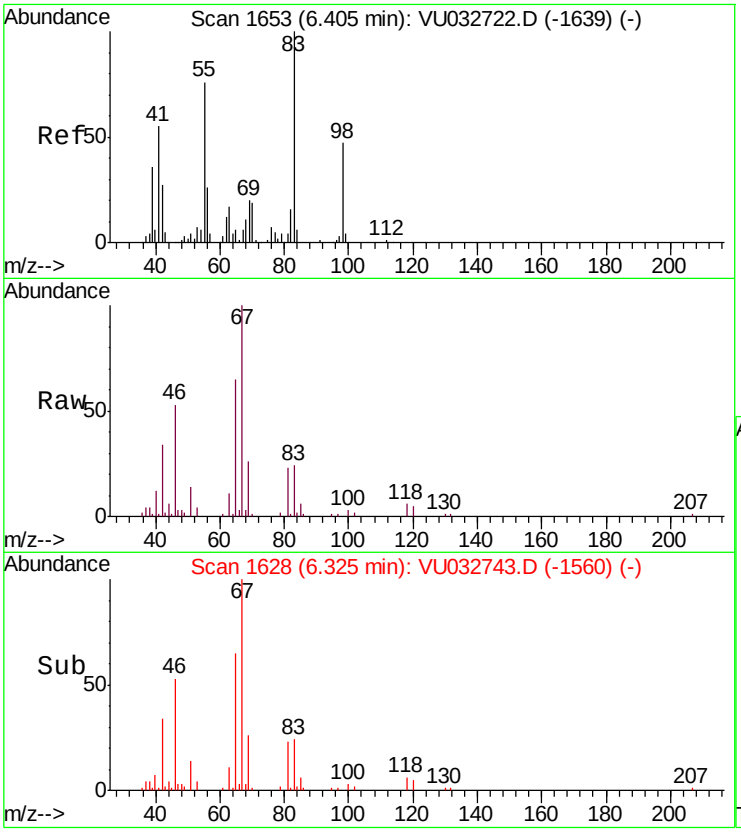


#34
Trichloroethene
Concen: 27.028 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Tgt Ion: 95 Resp: 208321

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.1	81.9
132	97.0	68.8	127.8
130	100.5	71.0	131.8



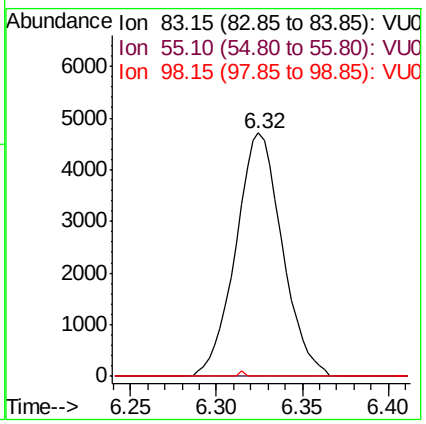


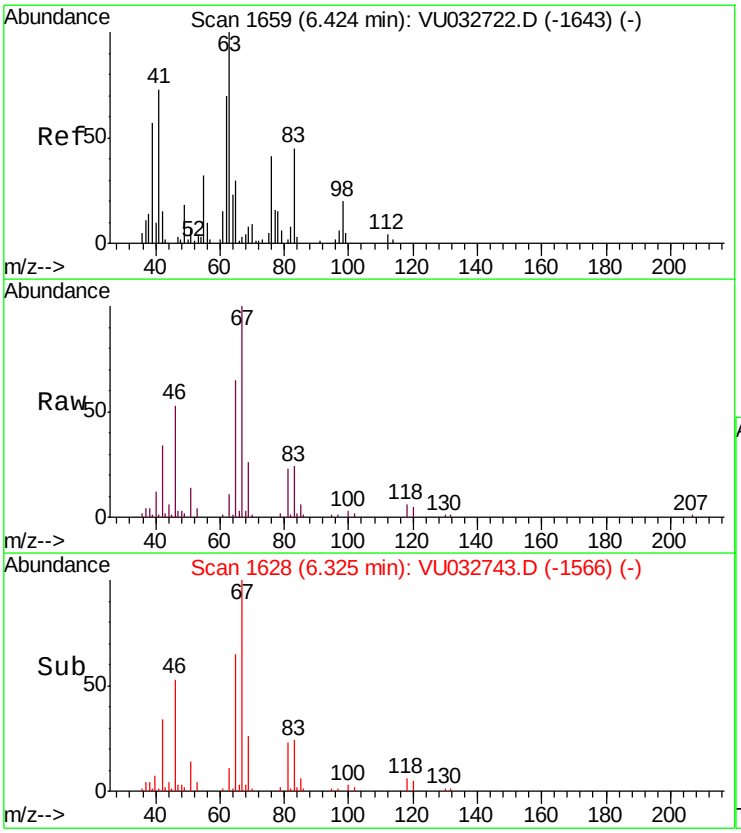
#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Instrument :
MSVOA_U
ClientSampleId :
C0XK3

Tgt Ion: 83 Resp: 8824

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	0.0	37.8	56.8#

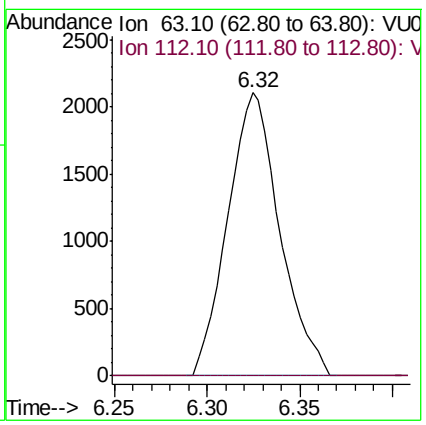


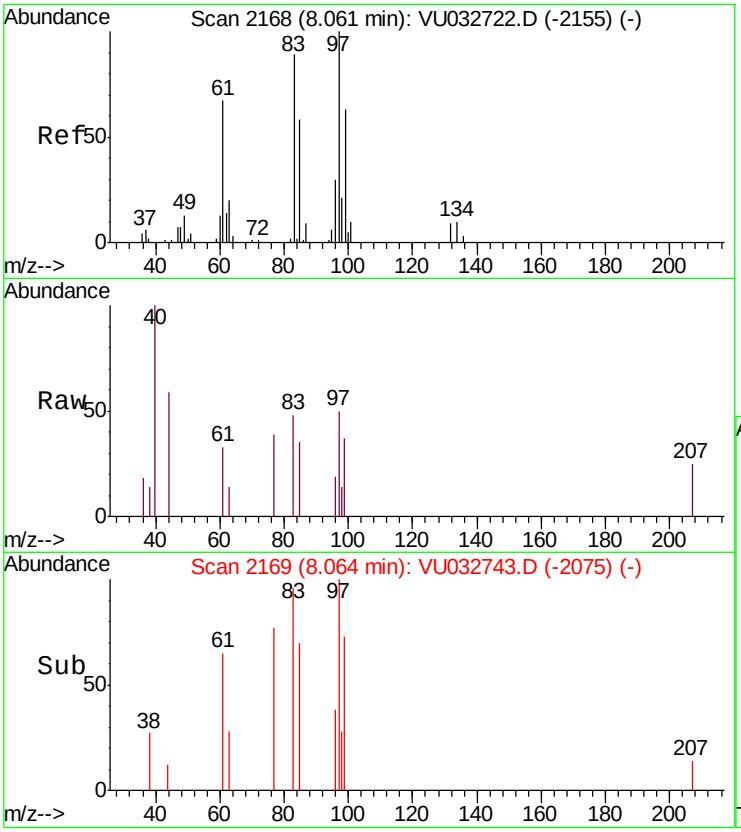


#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Tgt Ion: 63 Resp: 4102

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



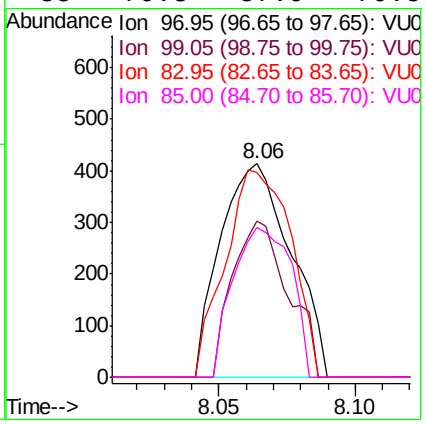


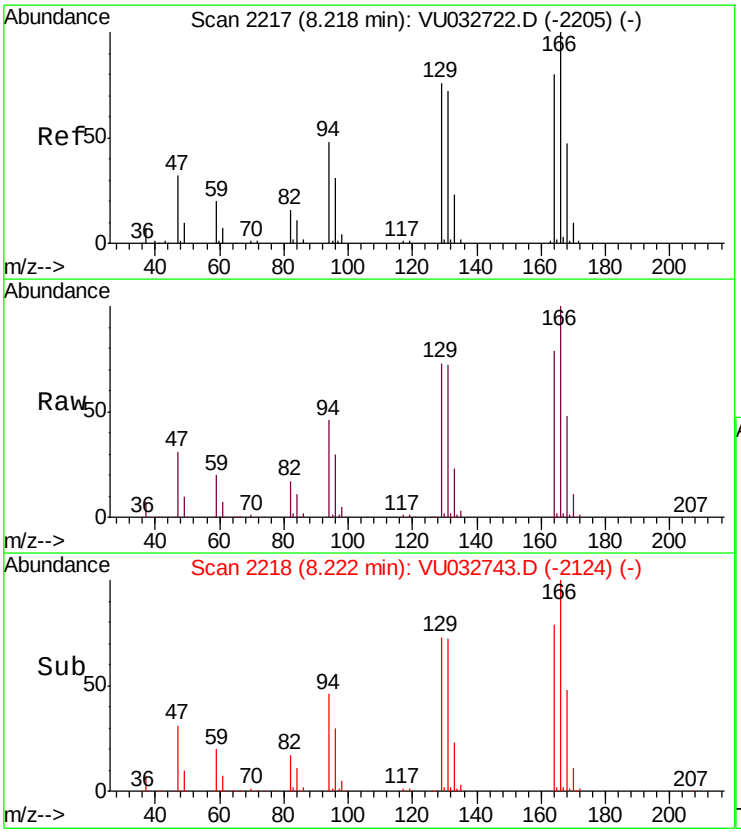
#45
1,1,2-Trichloroethane
Concen: 0.147 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Instrument : MSVOA_U
ClientSampleId : C0XK3

Tgt Ion: 97 Resp: 743

Ion	Ratio	Lower	Upper
97	100		
99	72.9	44.9	83.3
83	96.1	58.7	108.9
85	70.3	37.9	70.5

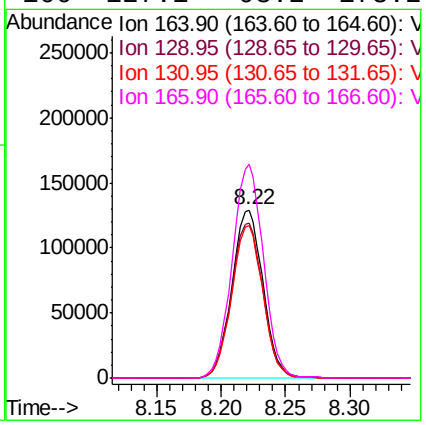


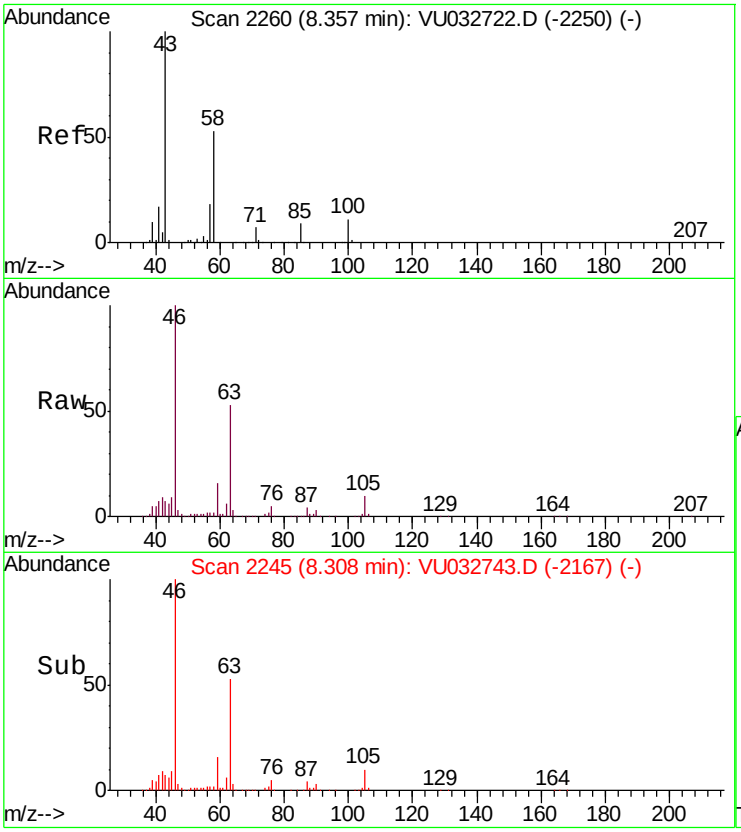


#47
Tetrachloroethene
Concen: 35.701 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Tgt Ion:164 Resp: 216541

Ion	Ratio	Lower	Upper
164	100		
129	92.4	66.1	122.7
131	91.0	65.6	121.8
166	127.1	93.2	173.2



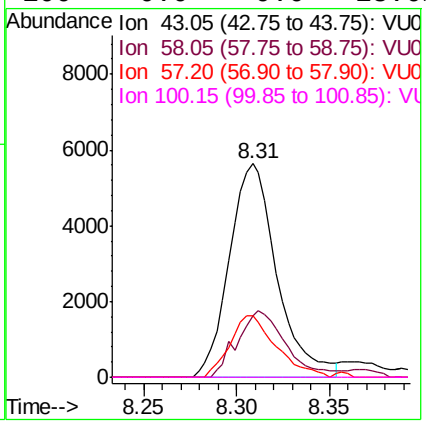


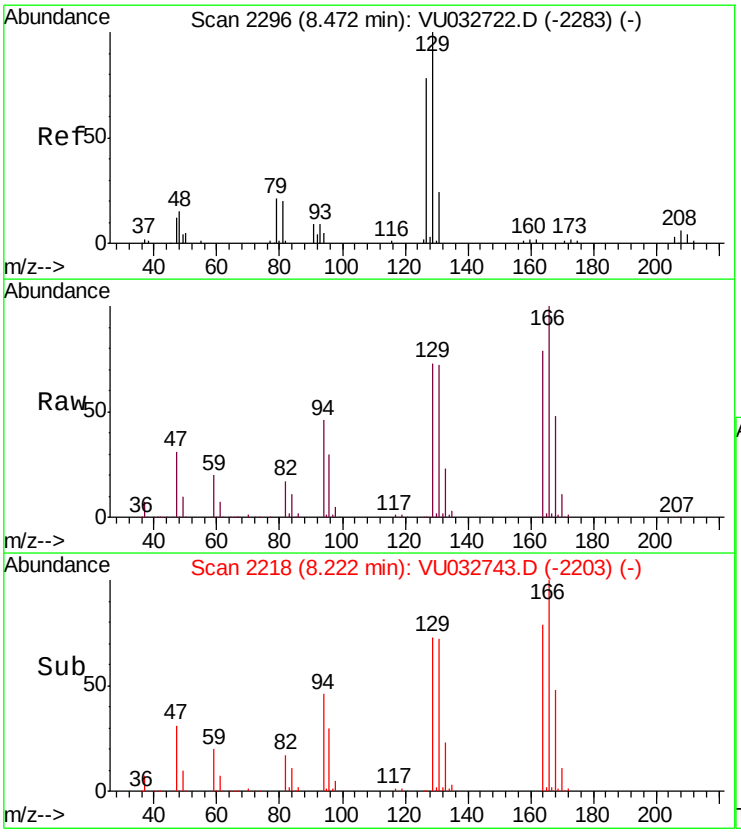
#48
2-Hexanone
Concen: 2.848 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Instrument : MSVOA_U
ClientSampleId : C0XK3

Tgt Ion: 43 Resp: 10041

Ion	Ratio	Lower	Upper
43	100		
58	31.5	41.9	62.9#
57	28.3	15.1	22.7#
100	0.0	9.0	13.6#

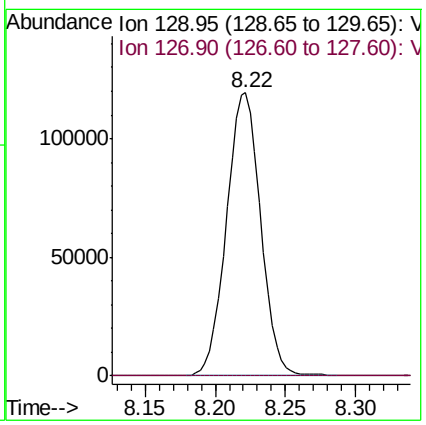


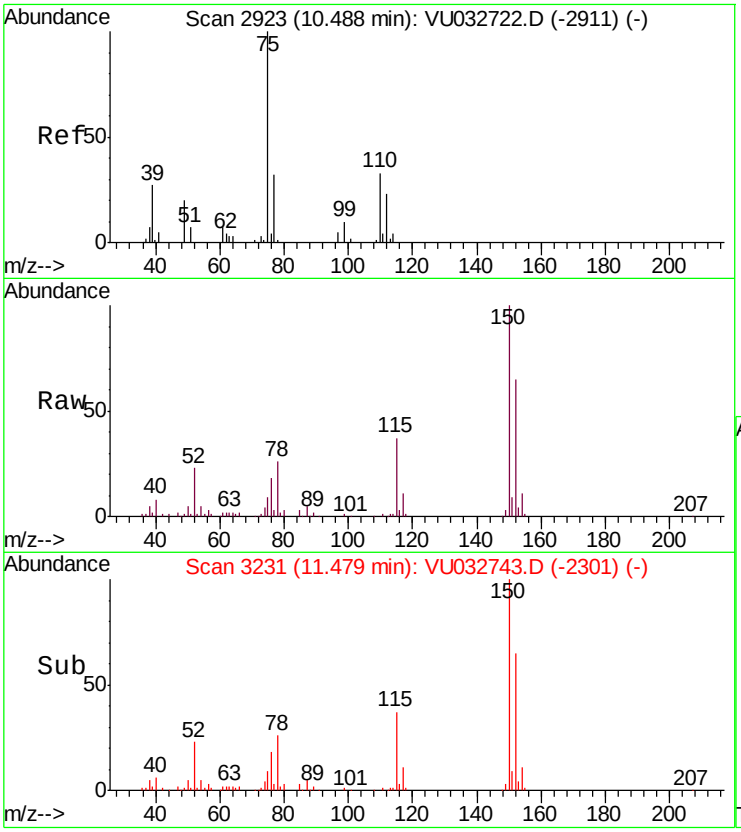


#49
Dibromochloromethane
Concen: 31.227 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Tgt Ion:129 Resp: 201465

Ion	Ratio	Lower	Upper
129	100		
127	0.2	53.3	98.9#





#59
1,2,3-Trichloropropane
Concen: 1.281 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032743.D
Acq: 14 Jun 2019 23:49

Instrument :
MSVOA_U
ClientSampleId :
C0XK3

Tgt Ion: 75 Resp: 5834

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.3	37.9