Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\

Quantitation Report (Not Reviewed)

Data File : VU032814.D
Acq On : 18 Jun 2019 11:20
Operator : JC/SP
Sample : K3363-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ2

Quant Time: Jun 19 01:31:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	239202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	230269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116173	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	67899	41.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.08%			
7) Chloroethane-d5	1.68	69	57808	44.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.68%			
11) 1,1-Dichloroethene-d2	2.27	63	108378	32.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.82%			
21) 2-Butanone-d5	4.17	46	155900	114.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.58%			
24) Chloroform-d	4.64	84	144138	45.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.72%			
26) 1,2-Dichloroethane-d4	5.30	65	100534	47.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.98%			
32) Benzene-d6	5.33	84	286565	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.48%			
36) 1,2-Dichloropropane-d6	6.32	67	93690	49.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.00%			
41) Toluene-d8	7.56	98	266994	47.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	7.85	79	46116	46.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.72%			
47) 2-Hexanone-d5	8.31	63	105736	118.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.42%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	139319	47.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.26%			
64) 1,2-Dichlorobenzene-d4	11.85	152	110950	49.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.70%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	1087	0.869	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	932	0.583	ug/L #	17
13) Acetone	2.32	43	14575	7.755	ug/L	96
15) Methyl Acetate	2.62	43	1579	0.741	ug/L #	77
16) Methylene chloride	2.69	84	3007	1.701	ug/L	96
34) Trichloroethene	6.18	95	6602	3.725	ug/L	92
37) 1,2-Dichloropropane	6.32	63	10955	6.021	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3501	1.235	ug/L #	68
40) 4-Methyl-2-pentanone	7.41	43	45555	15.681	ug/L #	53
42) Toluene	7.64	91	6301	0.878	ug/L	96
44) trans-1,3-Dichloropropene	7.84	75	2307	0.866	ug/L	91
46) Tetrachloroethene	8.22	164	992	0.683	ug/L	83
59) 1,2,3-Trichloropropane	11.48	75	14573	6.001	ug/L #	87

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

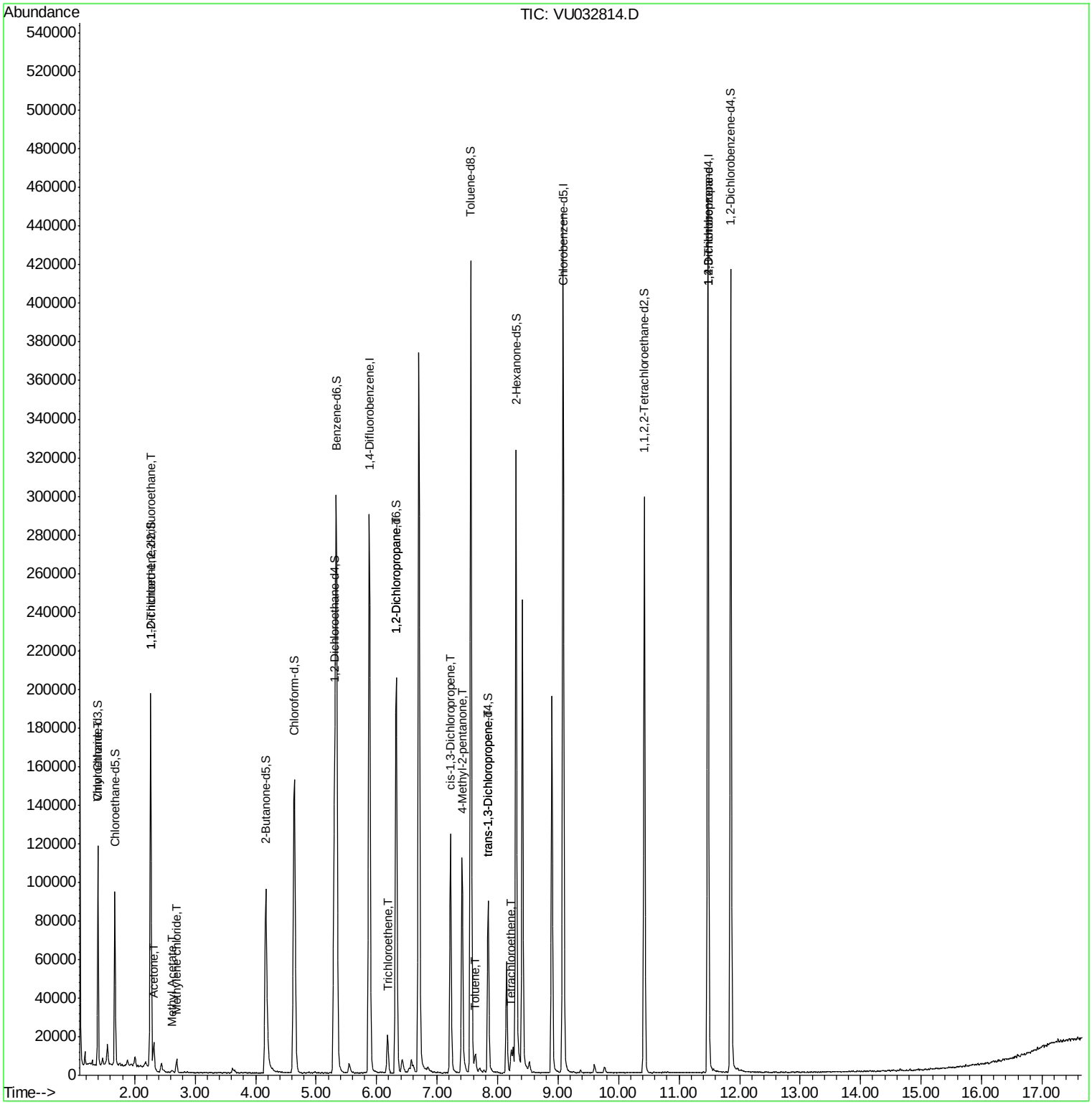
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\

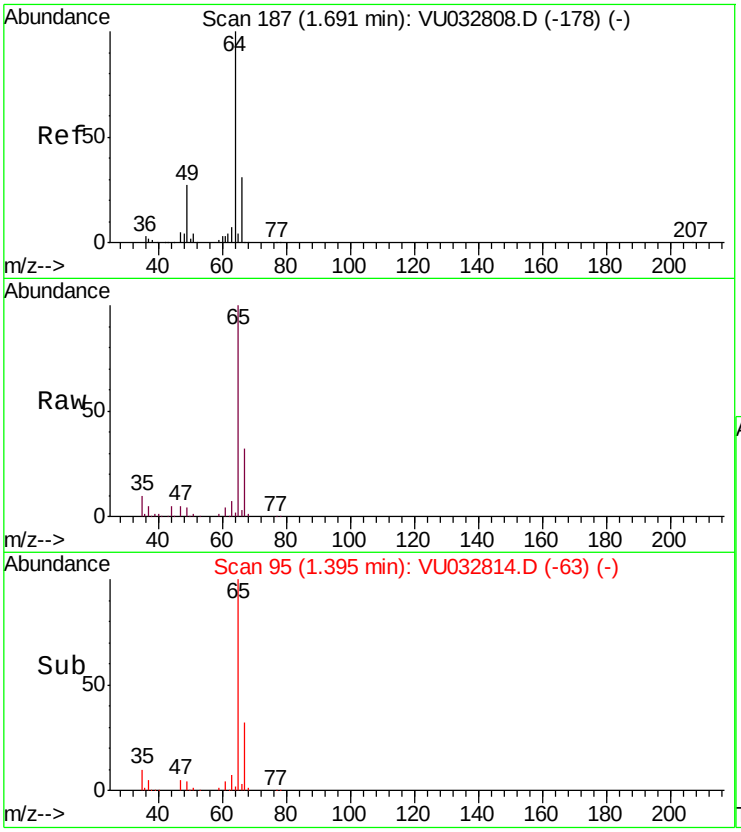
Quantitation Report (Not Reviewed)

Data File : VU032814.D
Acq On : 18 Jun 2019 11:20
Operator : JC/SP
Sample : K3363-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Quant Time: Jun 19 01:31:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration



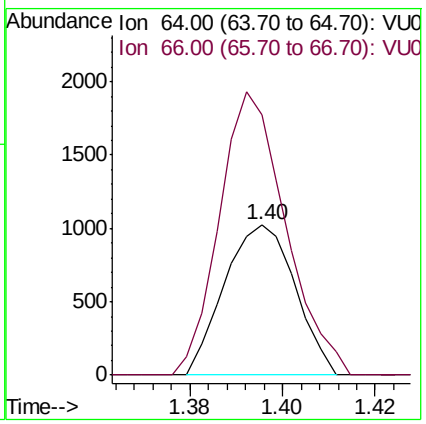


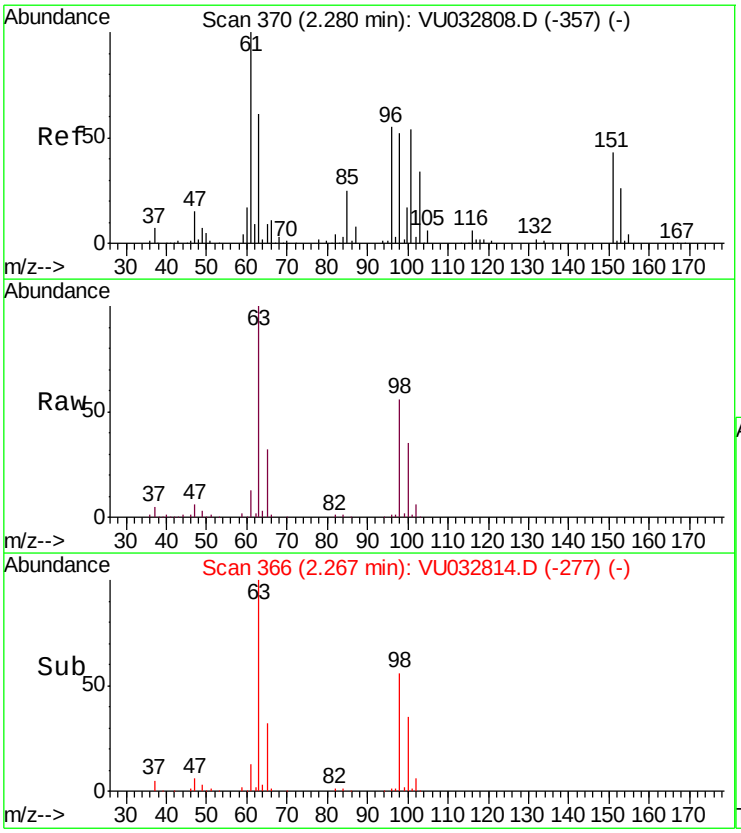
#8
Chloroethane
Concen: 0.869 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Tgt Ion: 64 Resp: 1087

Ion	Ratio	Lower	Upper
64	100		
66	172.7	22.5	41.7#

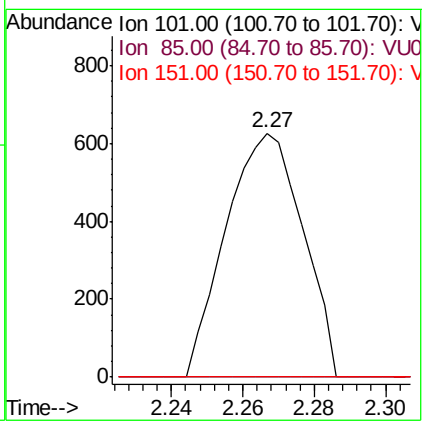


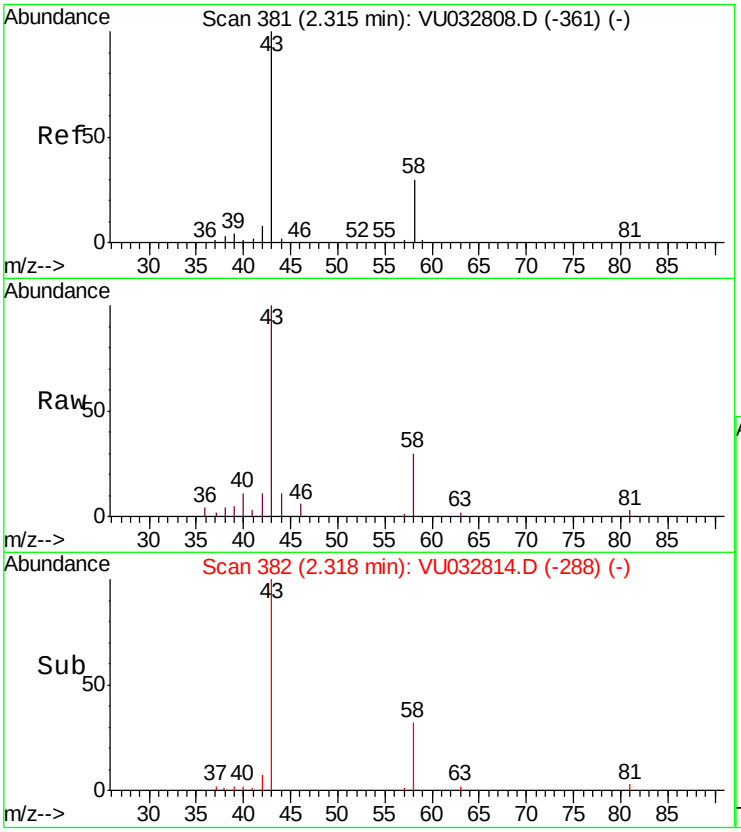


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.583 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Tgt Ion:101 Resp: 932

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#



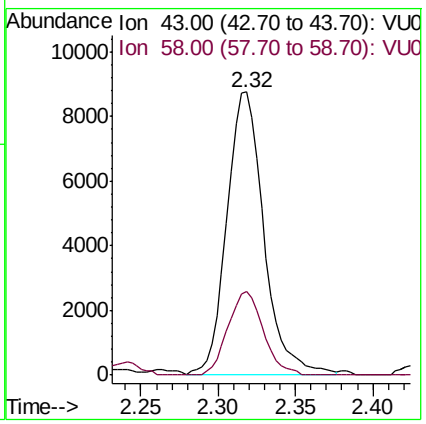


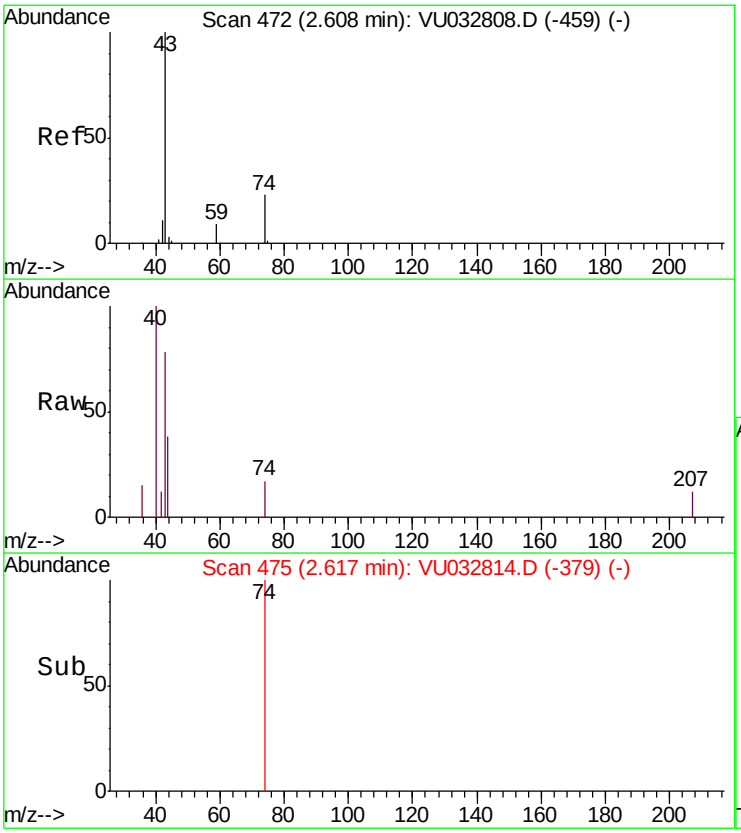
#13
Acetone
Concen: 7.755 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Tgt Ion: 43 Resp: 14575

Ion	Ratio	Lower	Upper
43	100		
58	28.0	0.0	60.6

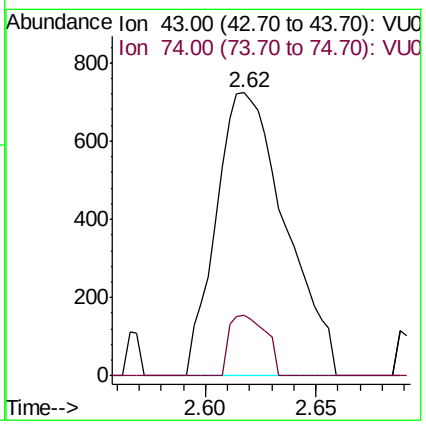


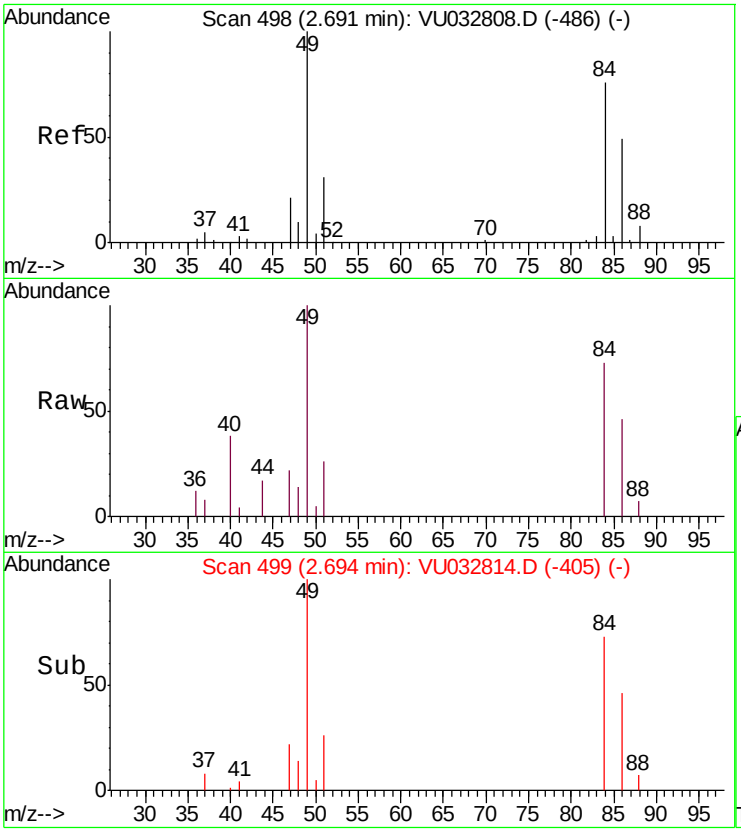


#15
Methyl Acetate
Concen: 0.741 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Tgt Ion: 43 Resp: 1579

Ion	Ratio	Lower	Upper
43	100		
74	11.3	18.1	27.1#



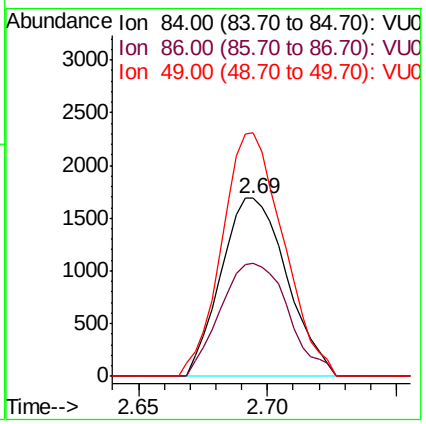


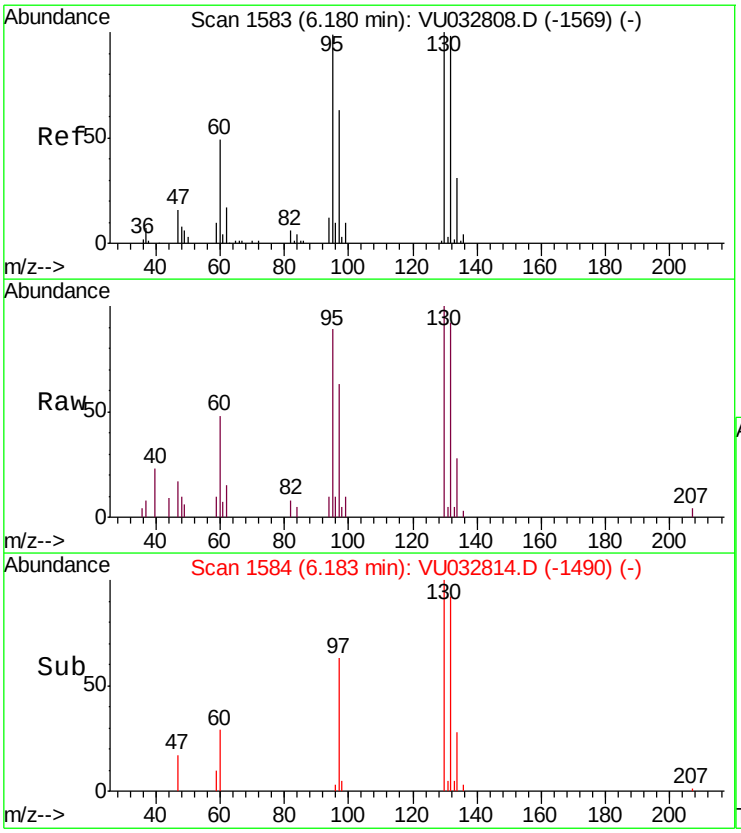
#16
Methylene chloride
Concen: 1.701 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Tgt Ion: 84 Resp: 3007

Ion	Ratio	Lower	Upper
84	100		
86	63.5	45.5	84.5
49	136.8	92.1	171.1

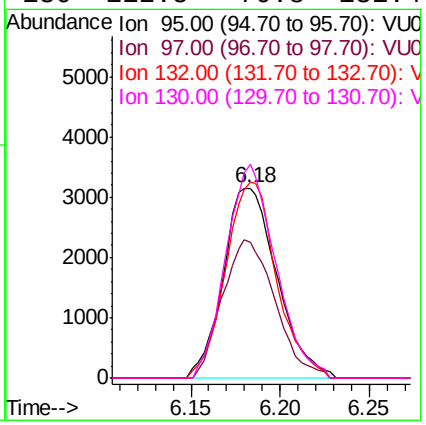


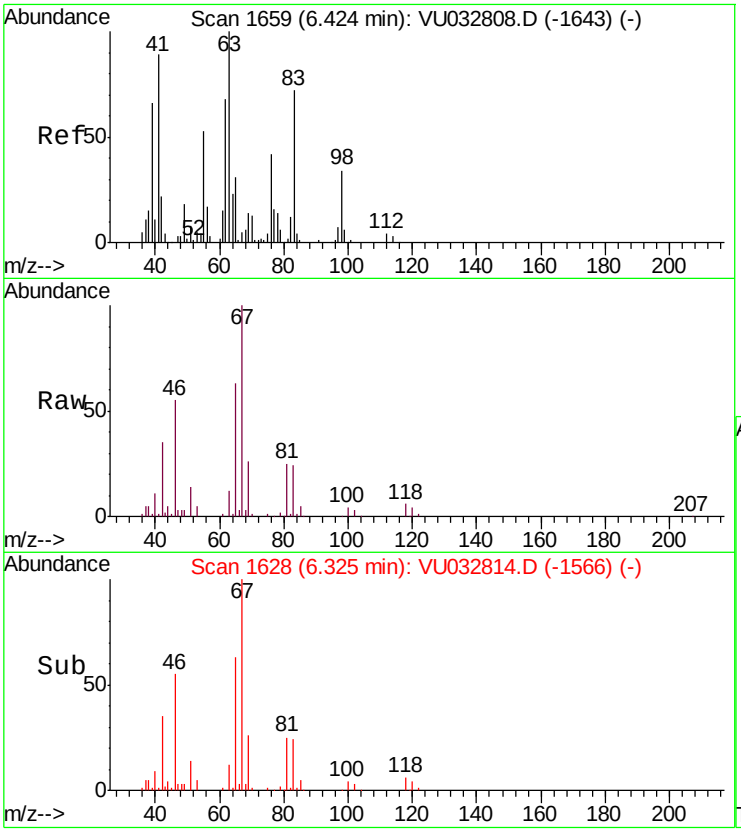


#34
Trichloroethene
Concen: 3.725 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Tgt Ion: 95 Resp: 6602

Ion	Ratio	Lower	Upper
95	100		
97	71.2	45.9	85.3
132	103.4	68.5	127.3
130	112.5	70.8	131.4



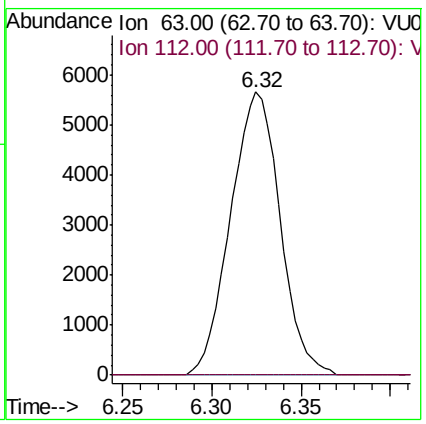


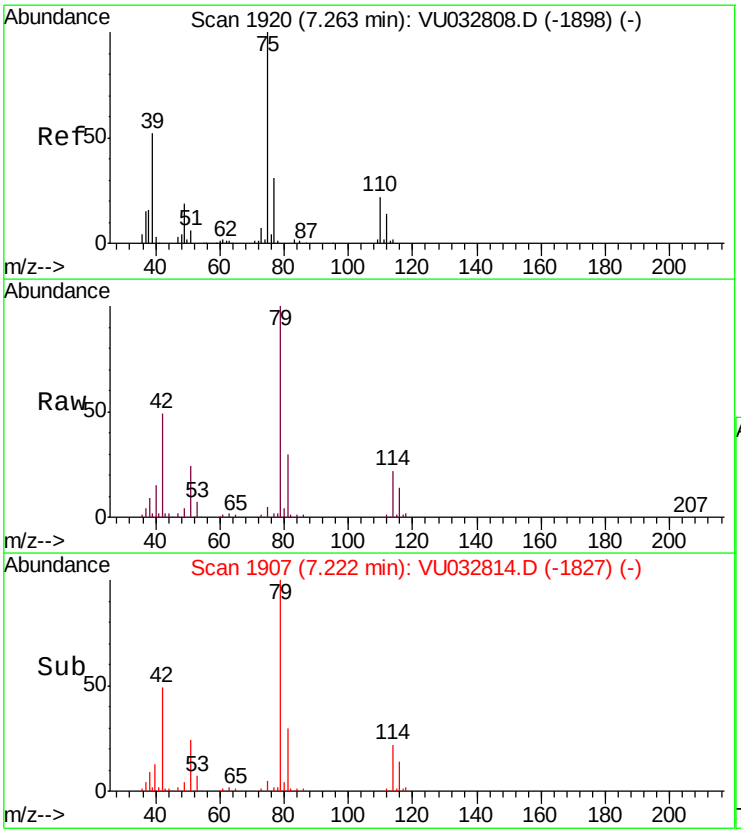
#37
1,2-Dichloropropane
Concen: 6.021 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Instrument : MSVOA_U
ClientSampleId : C0JQ2

Tgt Ion: 63 Resp: 10955

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

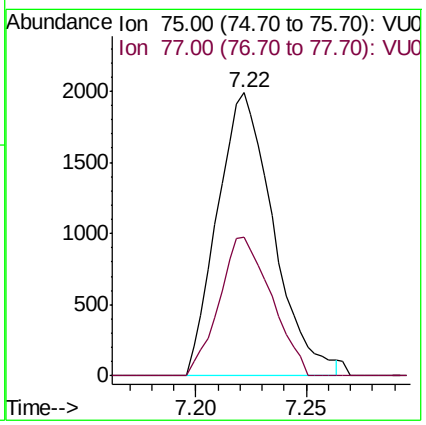


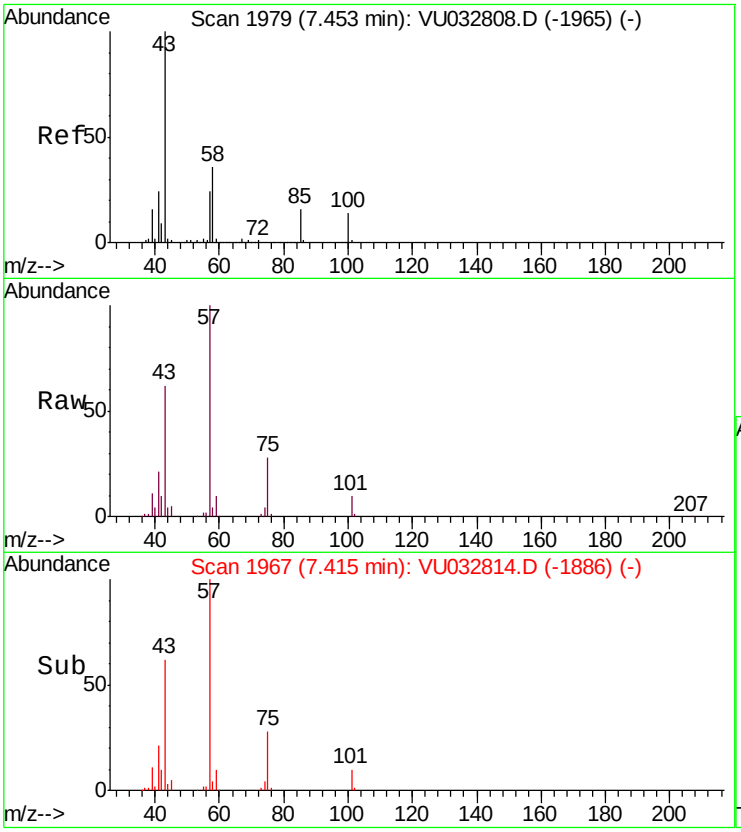


#39
cis-1,3-Dichloropropene
Concen: 1.235 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Tgt Ion: 75 Resp: 3501

Ion	Ratio	Lower	Upper
75	100		
77	48.8	21.9	40.7#



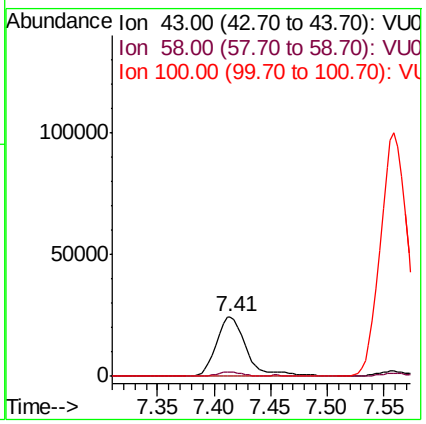


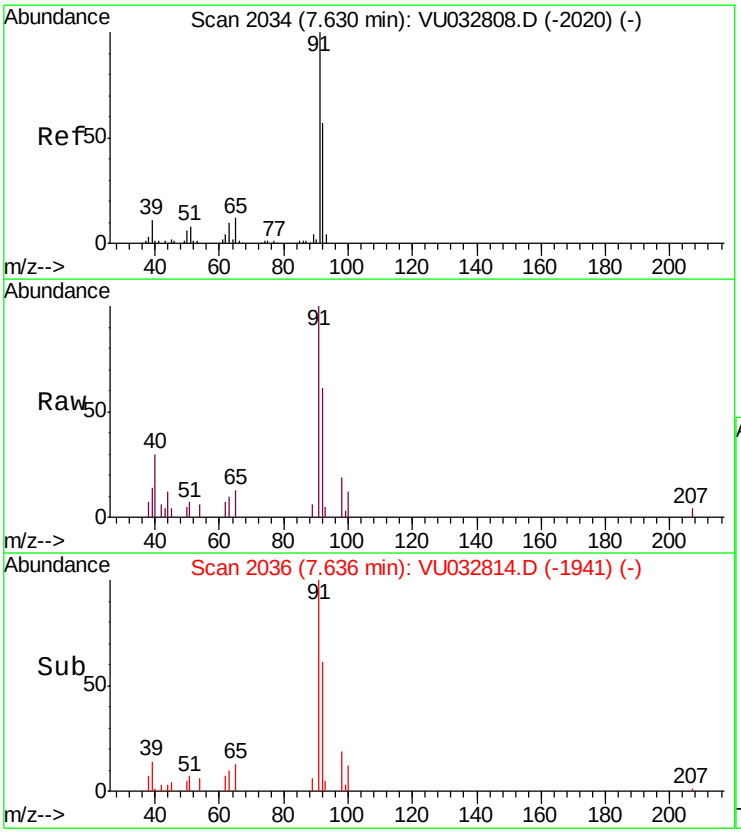
#40
4-Methyl-2-pentanone
Concen: 15.681 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Tgt Ion: 43 Resp: 45555

Ion	Ratio	Lower	Upper
43	100		
58	6.0	29.4	44.2#
100	0.0	11.2	16.8#

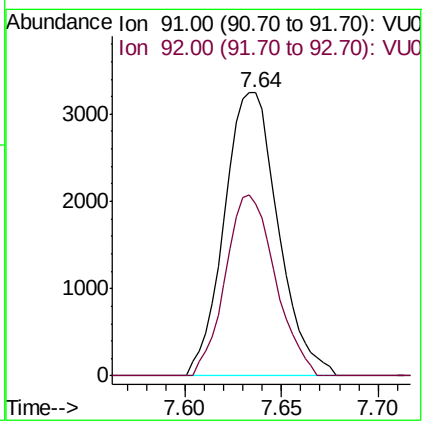


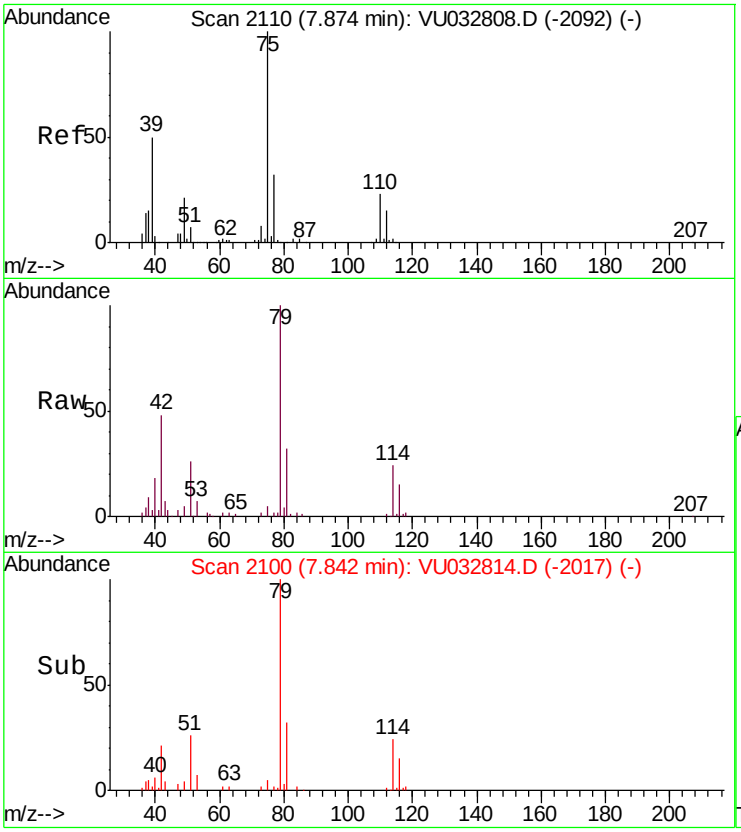


#42
Toluene
Concen: 0.878 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Tgt Ion: 91 Resp: 6301

Ion	Ratio	Lower	Upper
91	100		
92	60.8	40.4	75.0



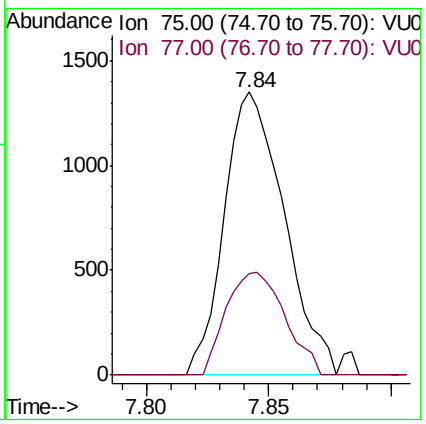


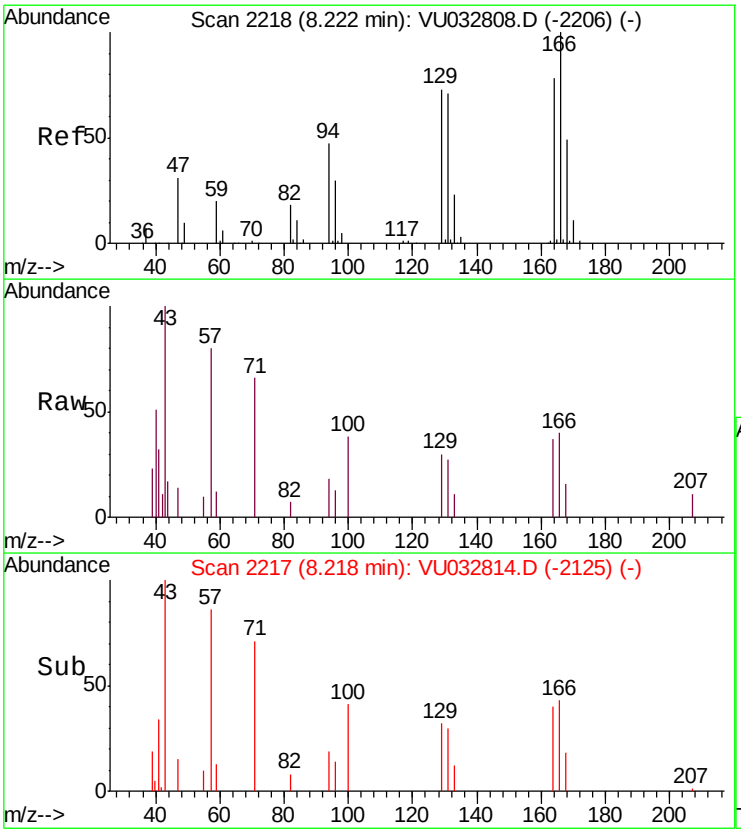
#44
trans-1,3-Dichloropropene
Concen: 0.866 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Instrument : MSVOA_U
ClientSampleId : C0JQ2

Tgt Ion: 75 Resp: 2307

Ion	Ratio	Lower	Upper
75	100		
77	35.9	21.8	40.4

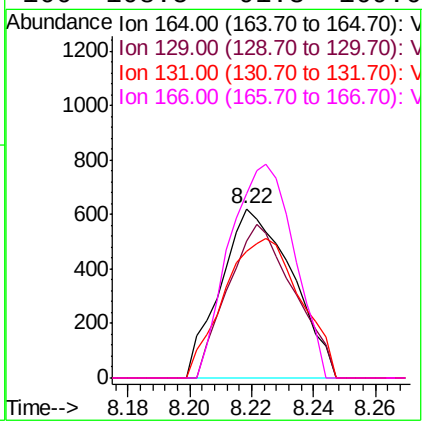


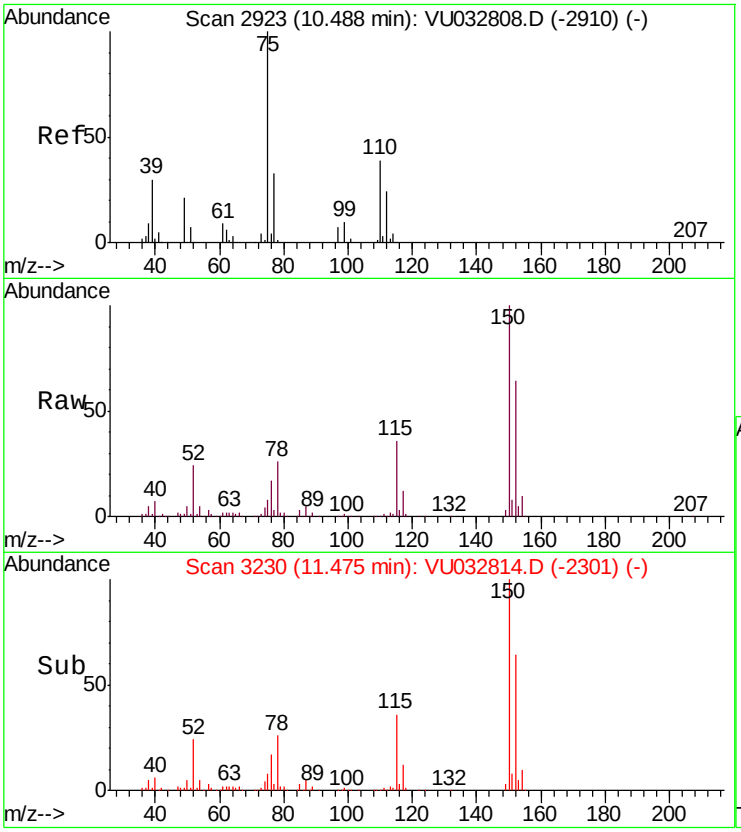


#46
Tetrachloroethene
Concen: 0.683 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Tgt Ion:164 Resp: 992

Ion	Ratio	Lower	Upper
164	100		
129	81.0	64.8	120.3
131	74.4	64.5	119.7
166	108.5	91.3	169.6





#59
1,2,3-Trichloropropane
Concen: 6.001 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Tgt Ion: 75 Resp: 14573

Ion	Ratio	Lower	Upper
75	100		
77	39.2	25.5	38.3#