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

Quantitation Report (Not Reviewed)

Data File : VU032831.D
Acq On : 18 Jun 2019 17:53
Operator : JC/SP
Sample : K3379-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JT3

Quant Time: Jun 19 04:39:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226270	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221987	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110095	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	73124	47.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.58%			
7) Chloroethane-d5	1.68	69	60264	48.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.72%			
11) 1,1-Dichloroethene-d2	2.27	63	115480	37.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.14%			
21) 2-Butanone-d5	4.17	46	144422	112.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.21%			
24) Chloroform-d	4.64	84	146254	48.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.30%			
26) 1,2-Dichloroethane-d4	5.30	65	102220	51.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.10%			
32) Benzene-d6	5.33	84	294259	50.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.70%			
36) 1,2-Dichloropropane-d6	6.32	67	94575	51.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.60%			
41) Toluene-d8	7.56	98	272021	50.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	7.85	79	41923	43.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.44%			
47) 2-Hexanone-d5	8.31	63	100931	117.26	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.26%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	139839	49.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.14%			
64) 1,2-Dichlorobenzene-d4	11.85	152	110356	51.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.60%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	1137	0.961	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1000	0.661	ug/L #	17
12) 1,1-Dichloroethene	2.26	96	916	0.643	ug/L #	1
13) Acetone	2.32	43	5826	3.277	ug/L	99
15) Methyl Acetate	2.61	43	3181	1.579	ug/L #	87
16) Methylene chloride	2.70	84	3133	1.874	ug/L	94
27) 1,2-Dichloroethane	5.33	62	1815	0.727	ug/L #	77
34) Trichloroethene	6.18	95	2371	1.388	ug/L	95
37) 1,2-Dichloropropane	6.32	63	10918	6.224	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3130	1.145	ug/L	85
44) trans-1,3-Dichloropropene	7.84	75	2064	0.804	ug/L #	63
46) Tetrachloroethene	8.22	164	7667	5.476	ug/L	92
48) 2-Hexanone	8.41	43	82814	33.515	ug/L #	1
49) Dibromochloromethane	8.22	129	7409	3.764	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	13392	5.721	ug/L #	86

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

Quantitation Report (Not Reviewed)

Data File : VU032831.D
Acq On : 18 Jun 2019 17:53
Operator : JC/SP
Sample : K3379-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JT3

Quant Time: Jun 19 04:39:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 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\VU061819\

Quantitation Report (Not Reviewed)

Data File : VU032831.D
Acq On : 18 Jun 2019 17:53
Operator : JC/SP
Sample : K3379-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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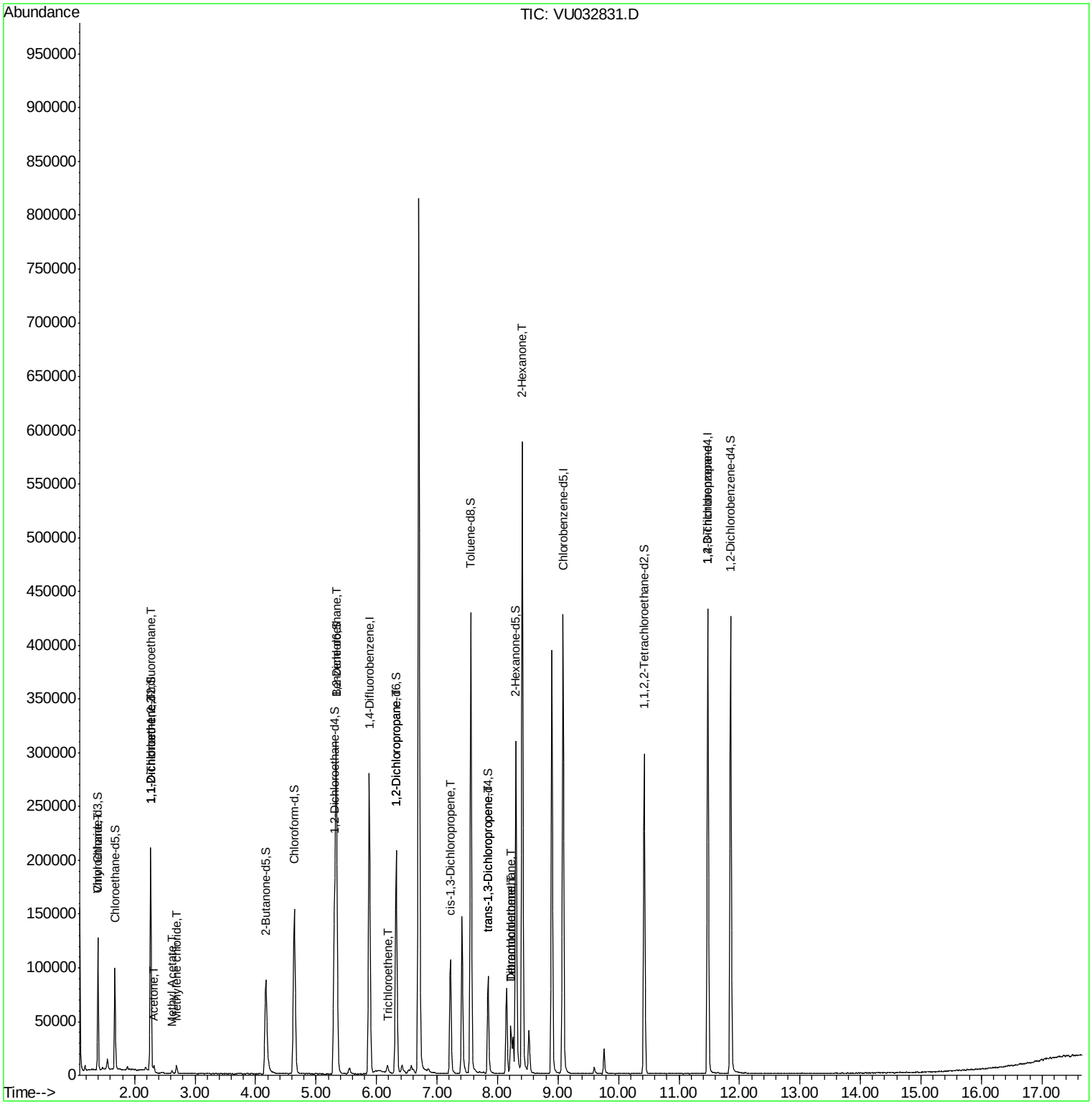
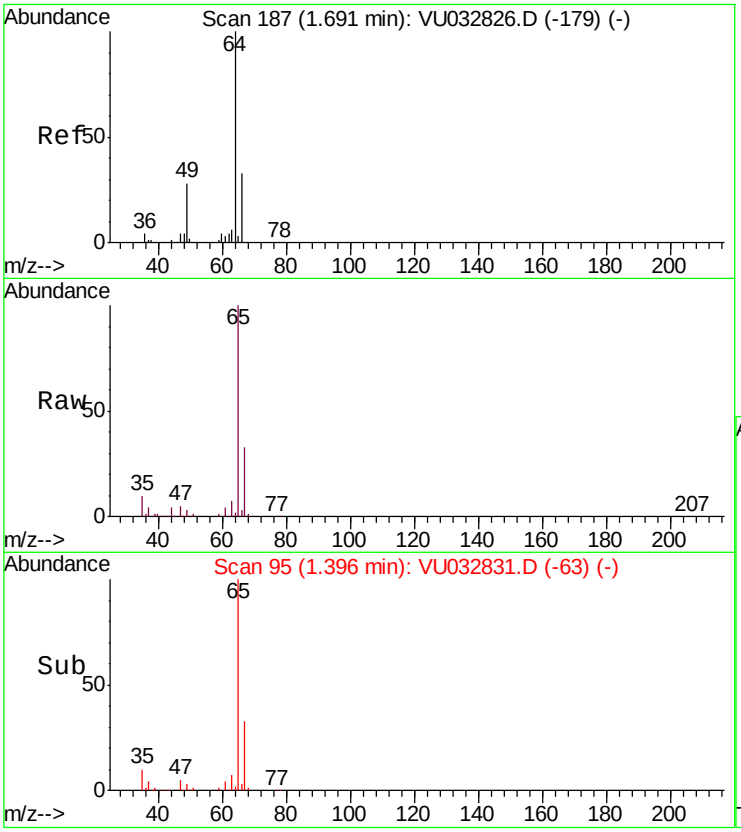
ClientSampleId :
C0JT3

Quant Time: Jun 19 04:39:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration



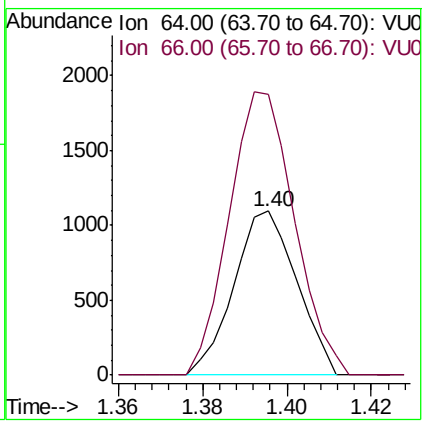


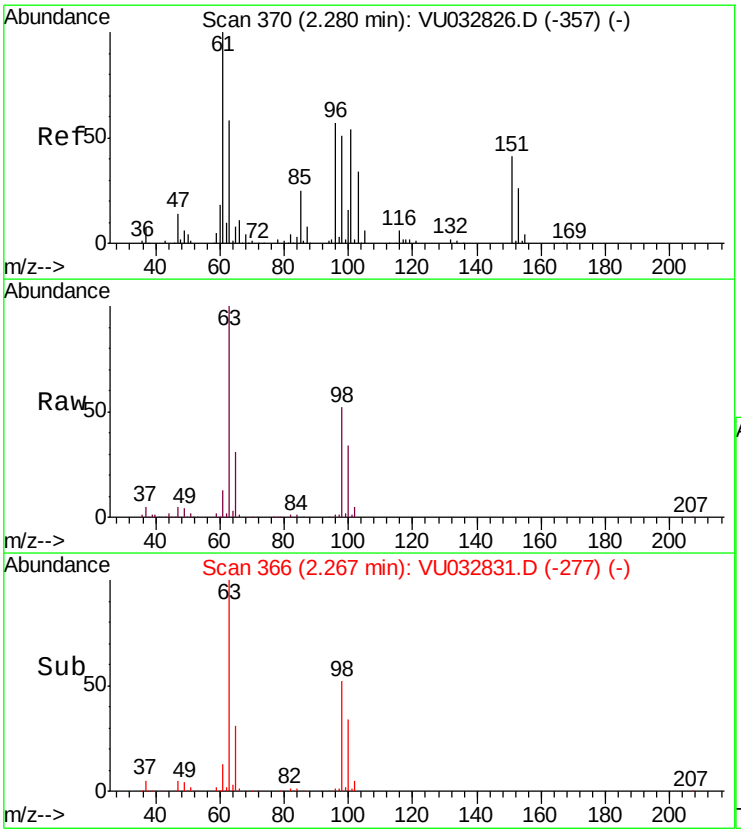
#8
Chloroethane
Concen: 0.961 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Instrument : MSVOA_U
ClientSampleId : C0JT3

Tgt Ion: 64 Resp: 1137

Ion	Ratio	Lower	Upper
64	100		
66	171.4	22.5	41.7#

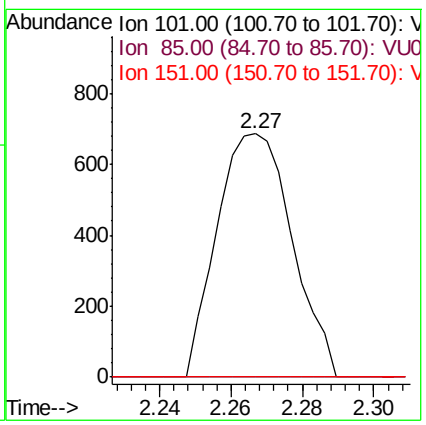


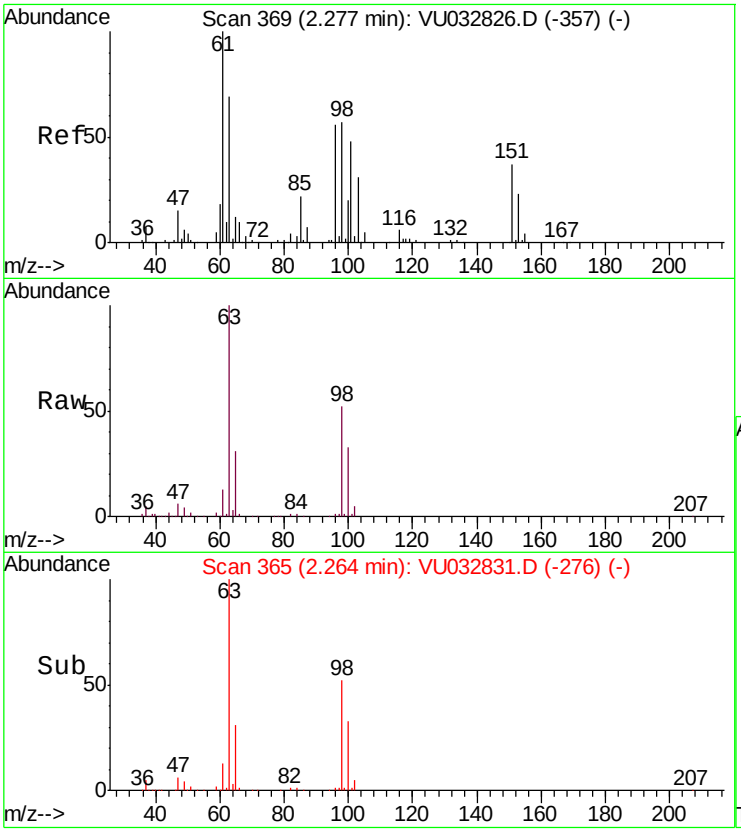


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.661 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Tgt Ion:101 Resp: 1000

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



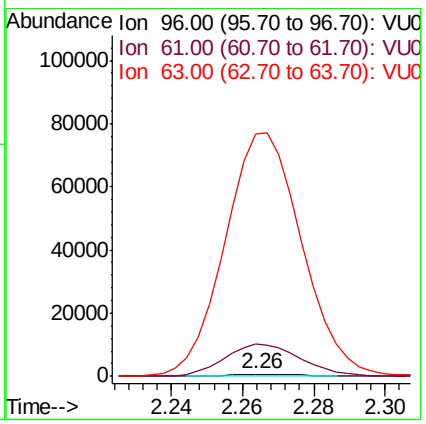


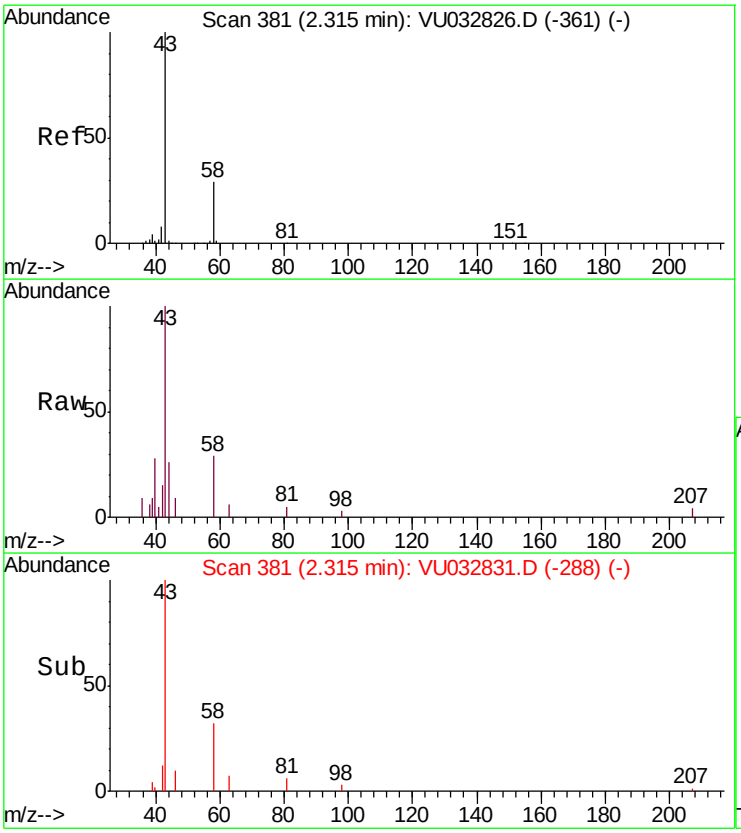
#12
1,1-Dichloroethene
Concen: 0.643 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Instrument : MSVOA_U
ClientSampleId : C0JT3

Tgt Ion: 96 Resp: 916

Ion	Ratio	Lower	Upper
96	100		
61	1495.6	131.0	243.4#
63	11303.8	101.0	187.6#

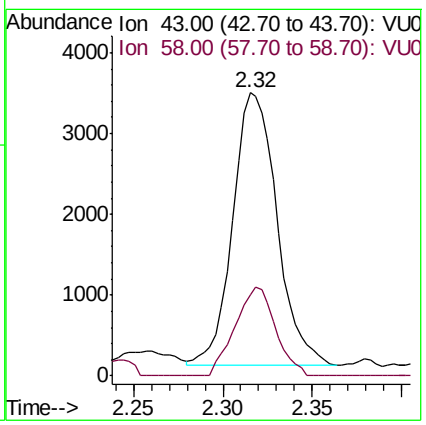


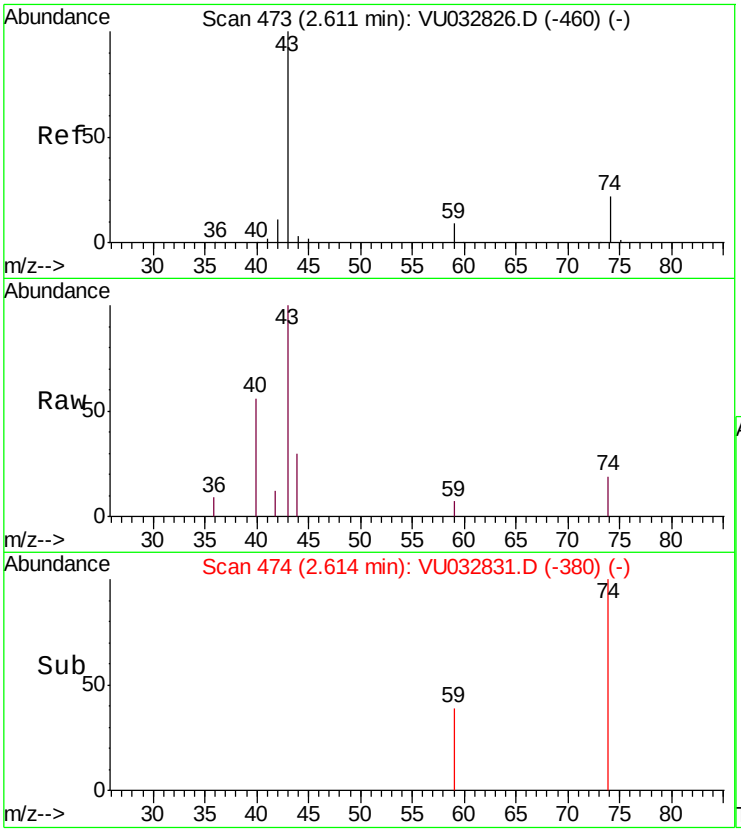


#13
Acetone
Concen: 3.277 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Tgt Ion: 43 Resp: 5826

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	60.6



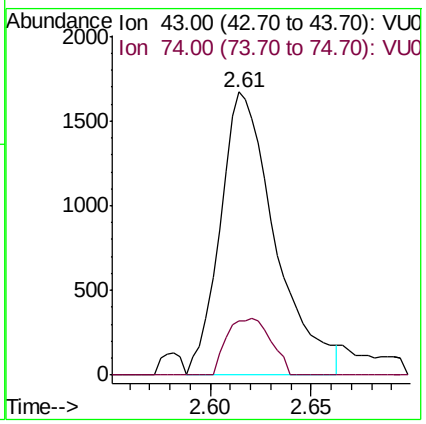


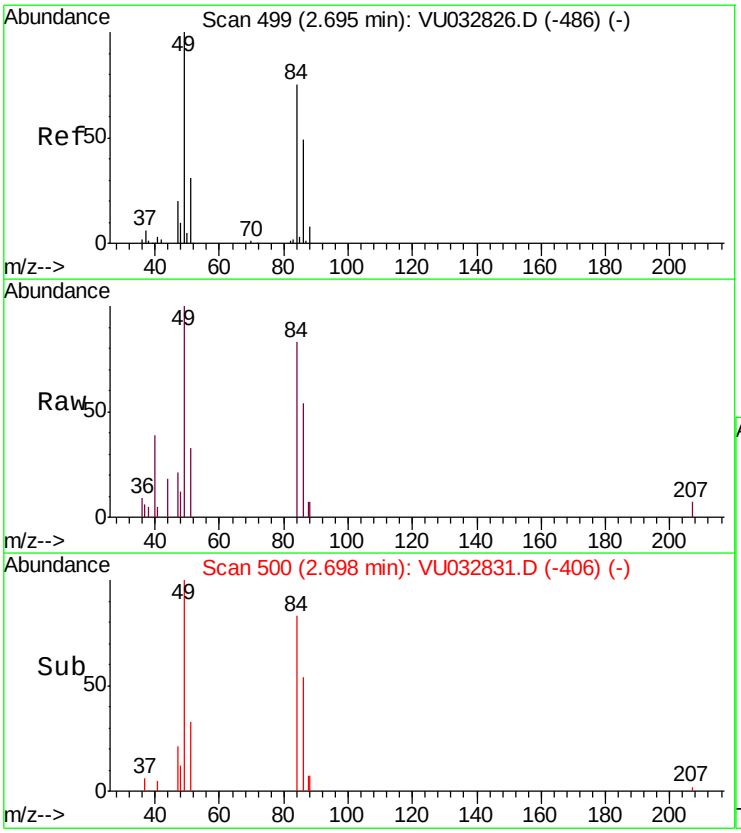
#15
Methyl Acetate
Concen: 1.579 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Instrument : MSVOA_U
ClientSampleId : C0JT3

Tgt Ion: 43 Resp: 3181

Ion	Ratio	Lower	Upper
43	100		
74	16.2	18.1	27.1#

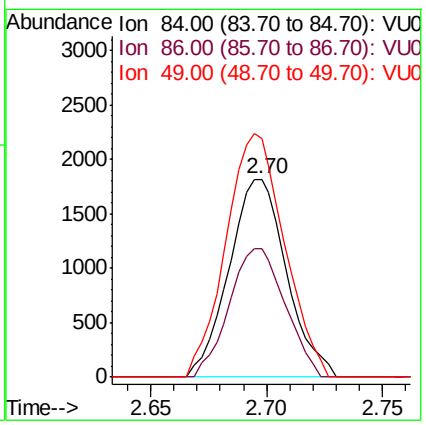


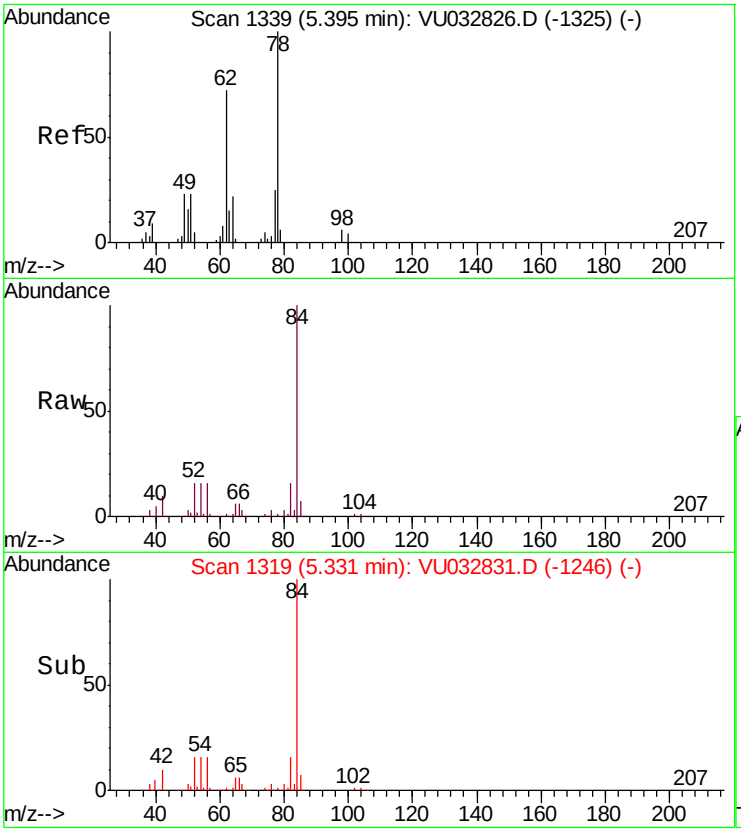


#16
Methylene chloride
Concen: 1.874 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Tgt Ion: 84 Resp: 3133

Ion	Ratio	Lower	Upper
84	100		
86	64.7	45.5	84.5
49	120.7	92.1	171.1



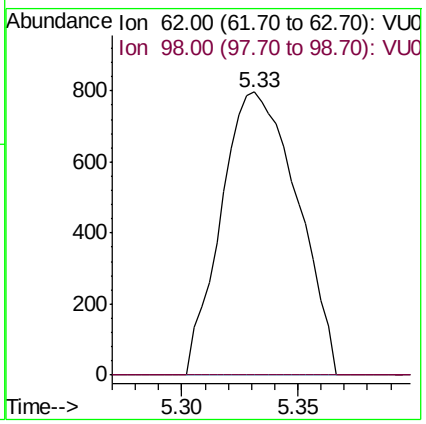


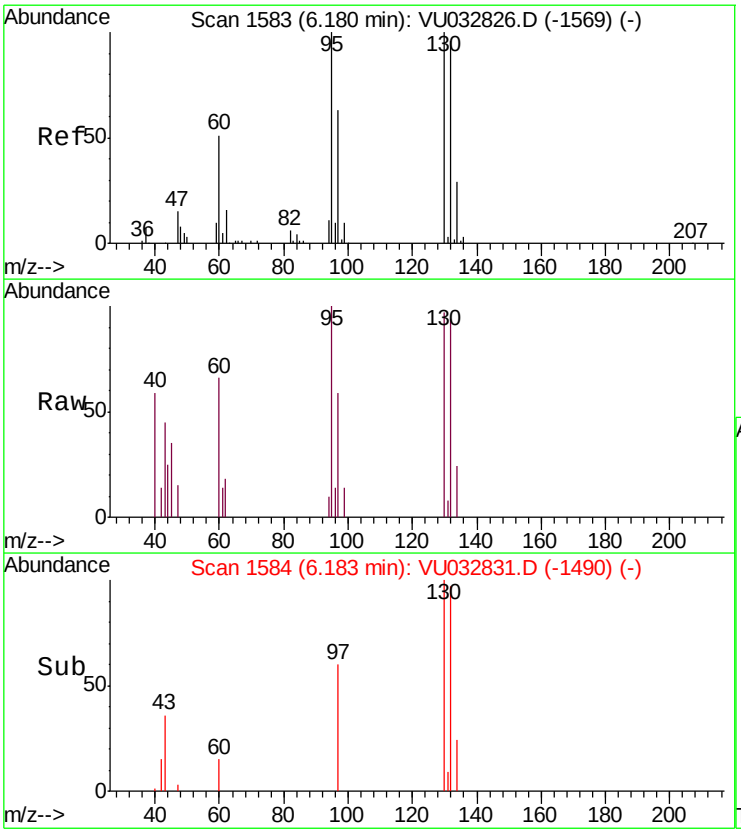
#27
1,2-Dichloroethane
Concen: 0.727 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.06 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
C0JT3

Tgt Ion: 62 Resp: 1815

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

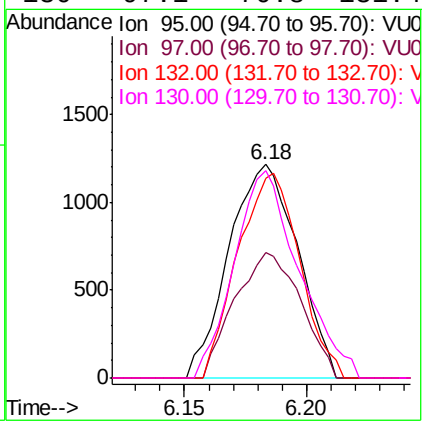


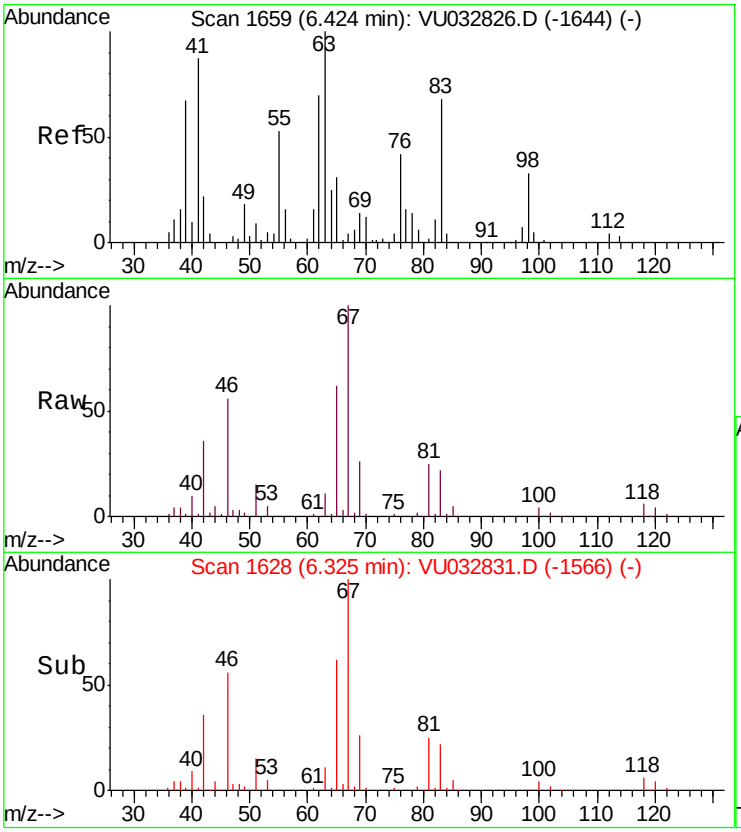


#34
Trichloroethene
Concen: 1.388 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Tgt Ion: 95 Resp: 2371

Ion	Ratio	Lower	Upper
95	100		
97	58.7	45.9	85.3
132	93.8	68.5	127.3
130	97.1	70.8	131.4



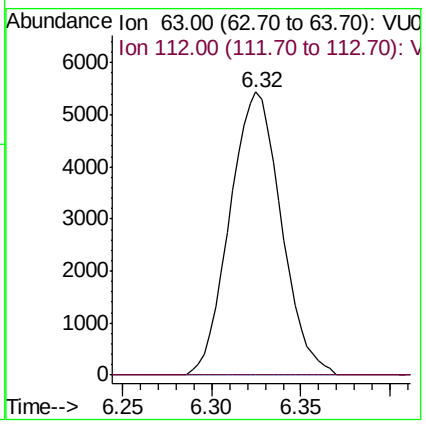


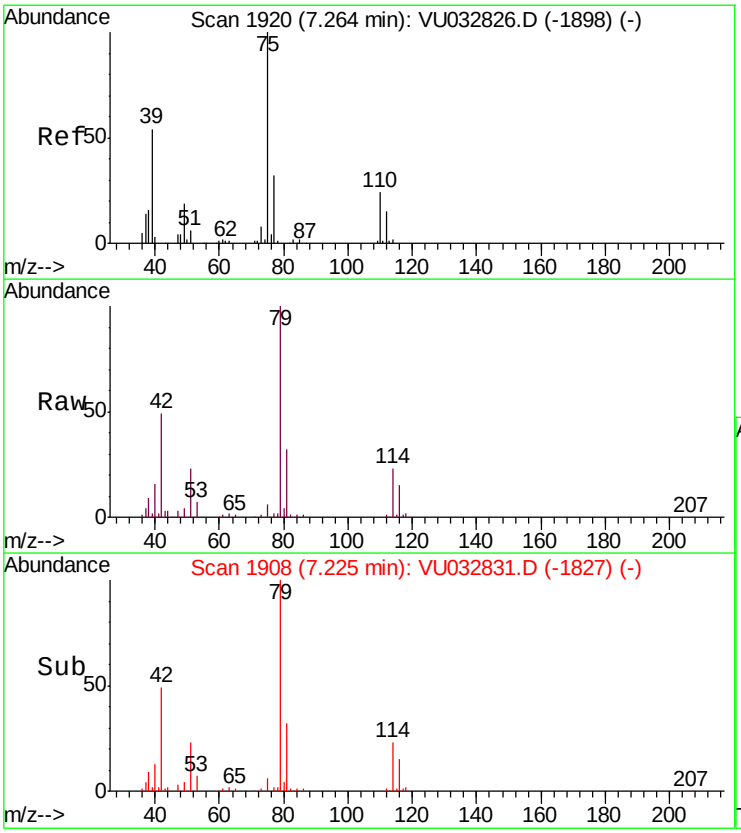
#37
1,2-Dichloropropane
Concen: 6.224 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
C0JT3

Tgt Ion: 63 Resp: 10918

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

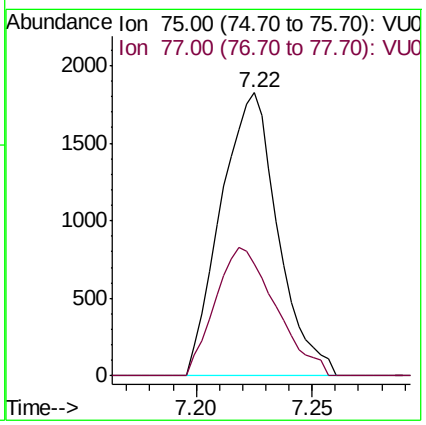


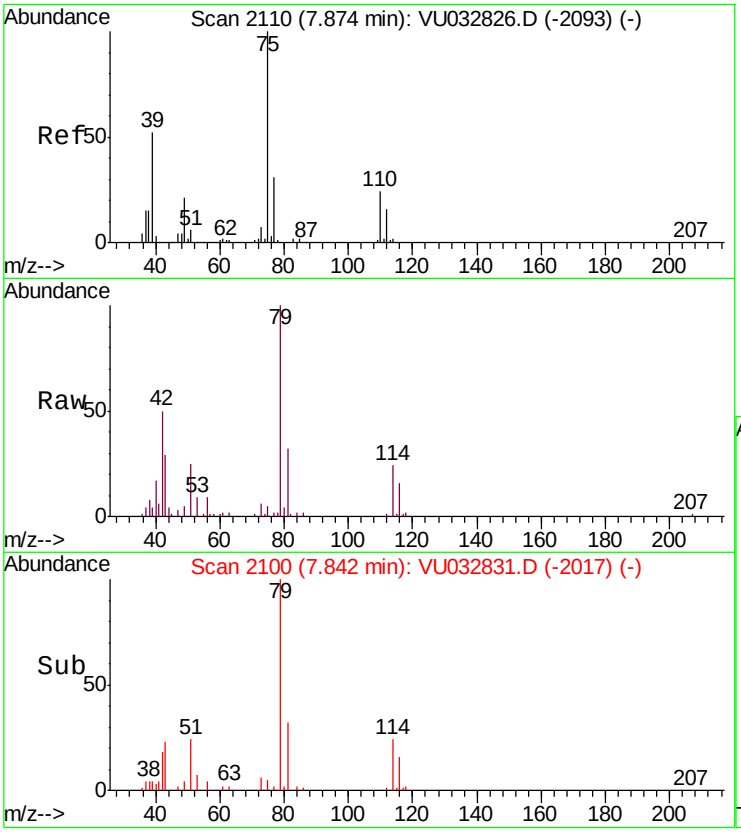


#39
cis-1,3-Dichloropropene
Concen: 1.145 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Tgt Ion: 75 Resp: 3130

Ion	Ratio	Lower	Upper
75	100		
77	39.4	21.9	40.7



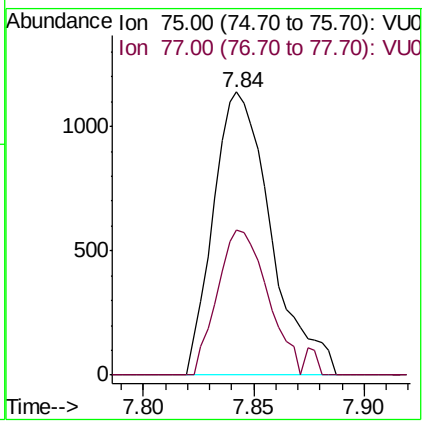


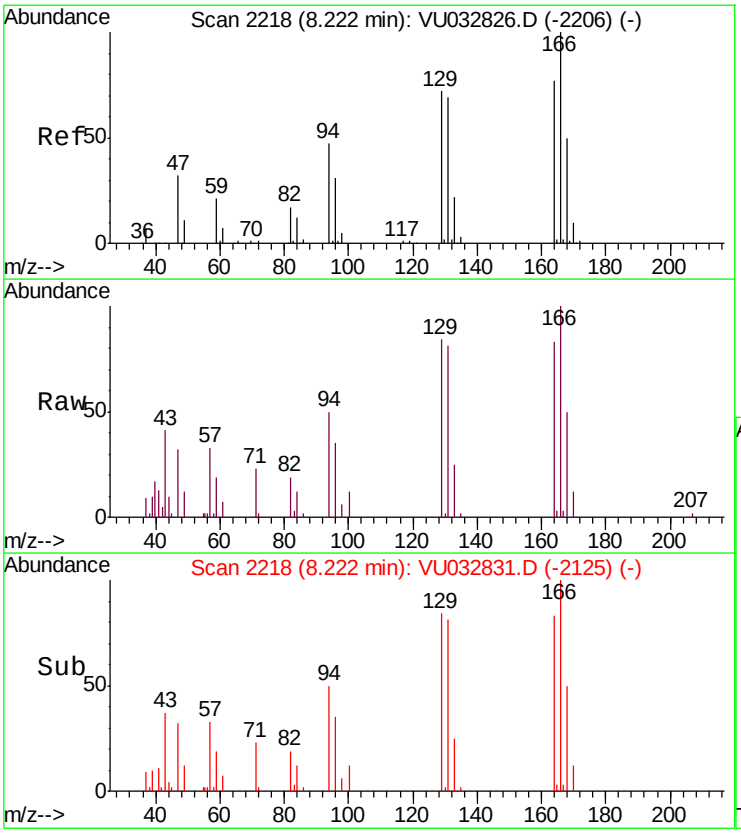
#44
trans-1,3-Dichloropropene
Concen: 0.804 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
C0JT3

Tgt Ion: 75 Resp: 2064

Ion	Ratio	Lower	Upper
75	100		
77	51.3	21.8	40.4#

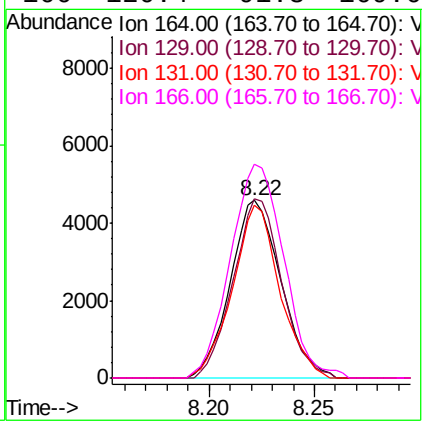


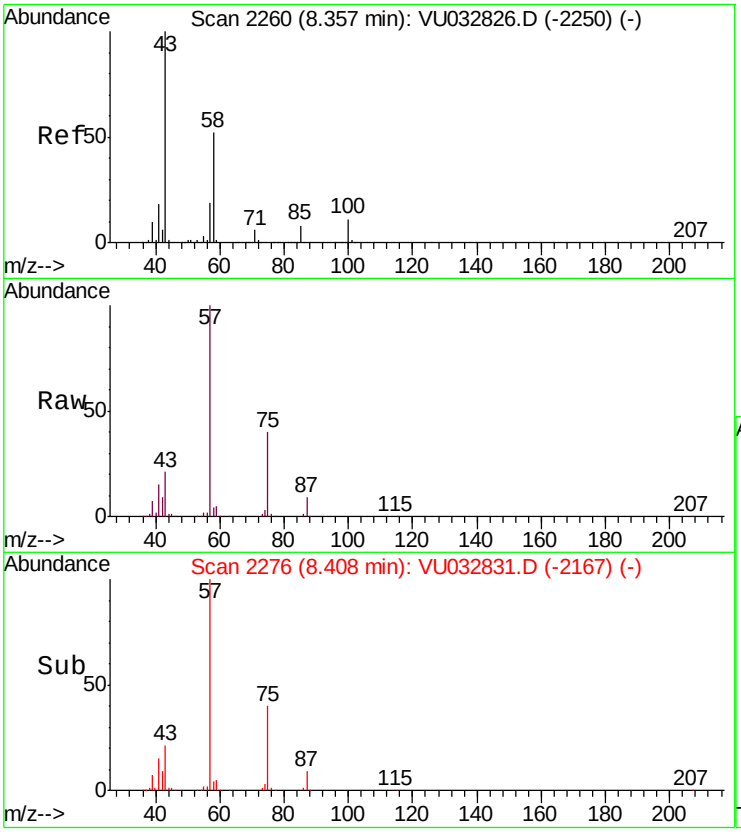


#46
Tetrachloroethene
Concen: 5.476 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Tgt Ion:164 Resp: 7667

Ion	Ratio	Lower	Upper
164	100		
129	100.8	64.8	120.3
131	97.2	64.5	119.7
166	120.4	91.3	169.6



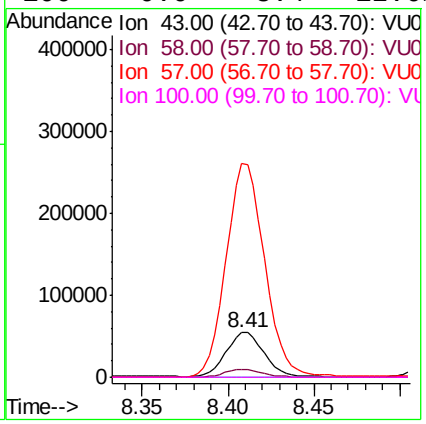


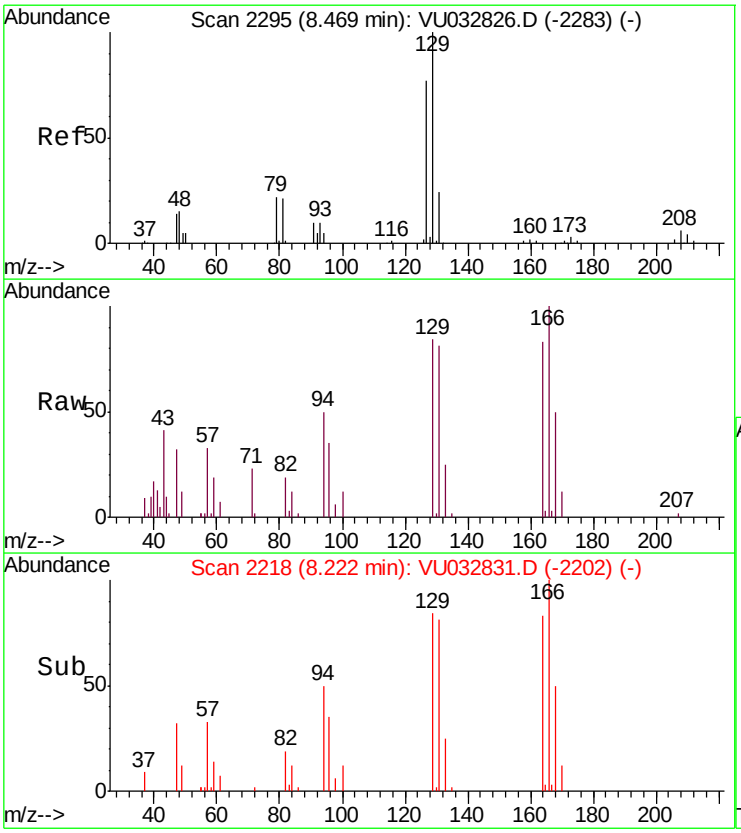
#48
2-Hexanone
Concen: 33.515 ug/L
RT: 8.41 min Scan# 2276
Delta R.T. 0.05 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Instrument : MSVOA_U
ClientSampleId : C0JT3

Tgt Ion: 43 Resp: 82814

Ion	Ratio	Lower	Upper
43	100		
58	19.2	40.2	60.2#
57	496.6	14.2	21.4#
100	0.0	8.4	12.6#

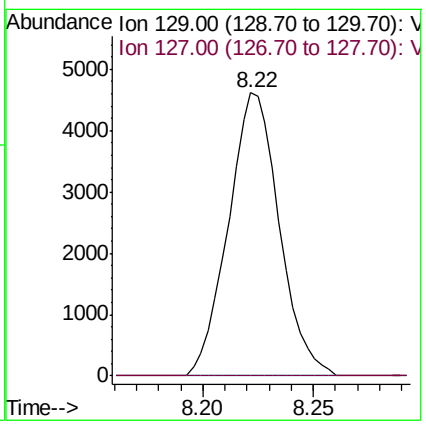


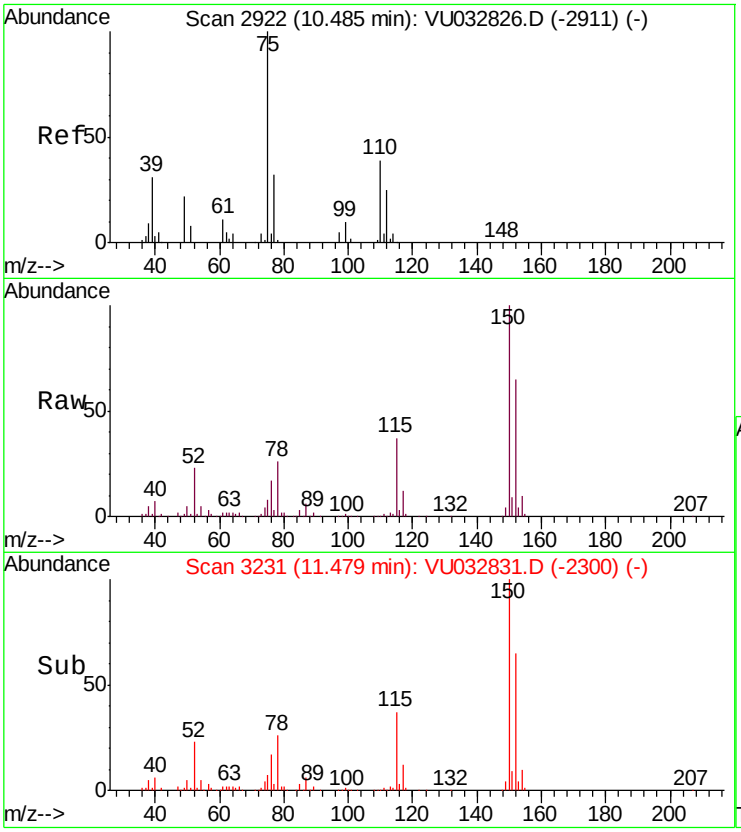


#49
Dibromochloromethane
Concen: 3.764 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Tgt Ion:129 Resp: 7409

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
1,2,3-Trichloropropane
Concen: 5.721 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032831.D
Acq: 18 Jun 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
C0JT3

Tgt Ion: 75 Resp: 13392

Ion	Ratio	Lower	Upper
75	100		
77	39.4	25.5	38.3#