Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

Quantitation Report (Not Reviewed)

Data File : VU035875.D
Acq On : 26 Nov 2019 22:33
Operator : JC/SP
Sample : K6057-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AA7

Quant Time: Nov 27 03:21:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	205151	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	248353	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71455	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.62	65	137488	5.13	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.60%				
7) Chloroethane-d5	1.93	69	131157	5.65	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.00%				
11) 1,1-Dichloroethene-d2	2.60	63	167581	3.36	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%				
20) 2-Butanone-d5	4.69	46	249193	40.18	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.36%				
24) Chloroform-d	5.11	84	214181	4.72	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%				
26) 1,2-Dichloroethane-d4	5.75	65	128537	5.05	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%				
32) Benzene-d6	5.77	84	434735	4.59	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%				
36) 1,2-Dichloropropane-d6	6.74	67	150692	4.72	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%				
41) Toluene-d8	7.93	98	342891	3.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%				
43) trans-1,3-Dichloropropene-	8.22	79	49252	3.96	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%				
46) 2-Hexanone-d5	8.69	63	248379	49.74	ug/L		0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.48%				
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121310	4.51	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%				
64) 1,2-Dichlorobenzene-d4	12.22	152	86035	5.54	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%				
Target Compounds							Qvalue
9) Trichlorofluoromethane	2.16	101	8729	0.219	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2541	0.112	ug/L	#	58
12) 1,1-Dichloroethene	2.60	96	1699	0.080	ug/L	#	1
13) Acetone	2.67	43	15807	2.902	ug/L		95
15) Methyl Acetate	2.81	43	22145	2.028	ug/L	#	53
17) Methyl tert-butyl Ether	3.42	73	5748	0.111	ug/L	#	92
21) 2-Butanone	4.75	43	19685	2.856	ug/L	#	53
22) cis-1,2-Dichloroethene	4.71	96	5916	0.253	ug/L		94
25) Chloroform	5.14	83	22968	0.500	ug/L		97
34) Trichloroethene	6.58	95	8453	0.333	ug/L	#	80
35) Methylcyclohexane	6.74	83	33595	0.901	ug/L	#	14
37) 1,2-Dichloropropane	6.73	63	16579	0.564	ug/L	#	90
45) 1,1,2-Trichloroethane	8.59	97	5077	0.265	ug/L	#	1
47) Tetrachloroethene	8.58	164	542901	28.069	ug/L		96
48) 2-Hexanone	8.69	43	41372	3.113	ug/L	#	61
49) Dibromochloromethane	8.58	129	501025	22.167	ug/L	#	12
59) 1,2,3-Trichloropropane	11.84	75	10356	0.542	ug/L		91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

Quantitation Report (Not Reviewed)

Data File : VU035875.D
Acq On : 26 Nov 2019 22:33
Operator : JC/SP
Sample : K6057-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AA7

Quant Time: Nov 27 03:21:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

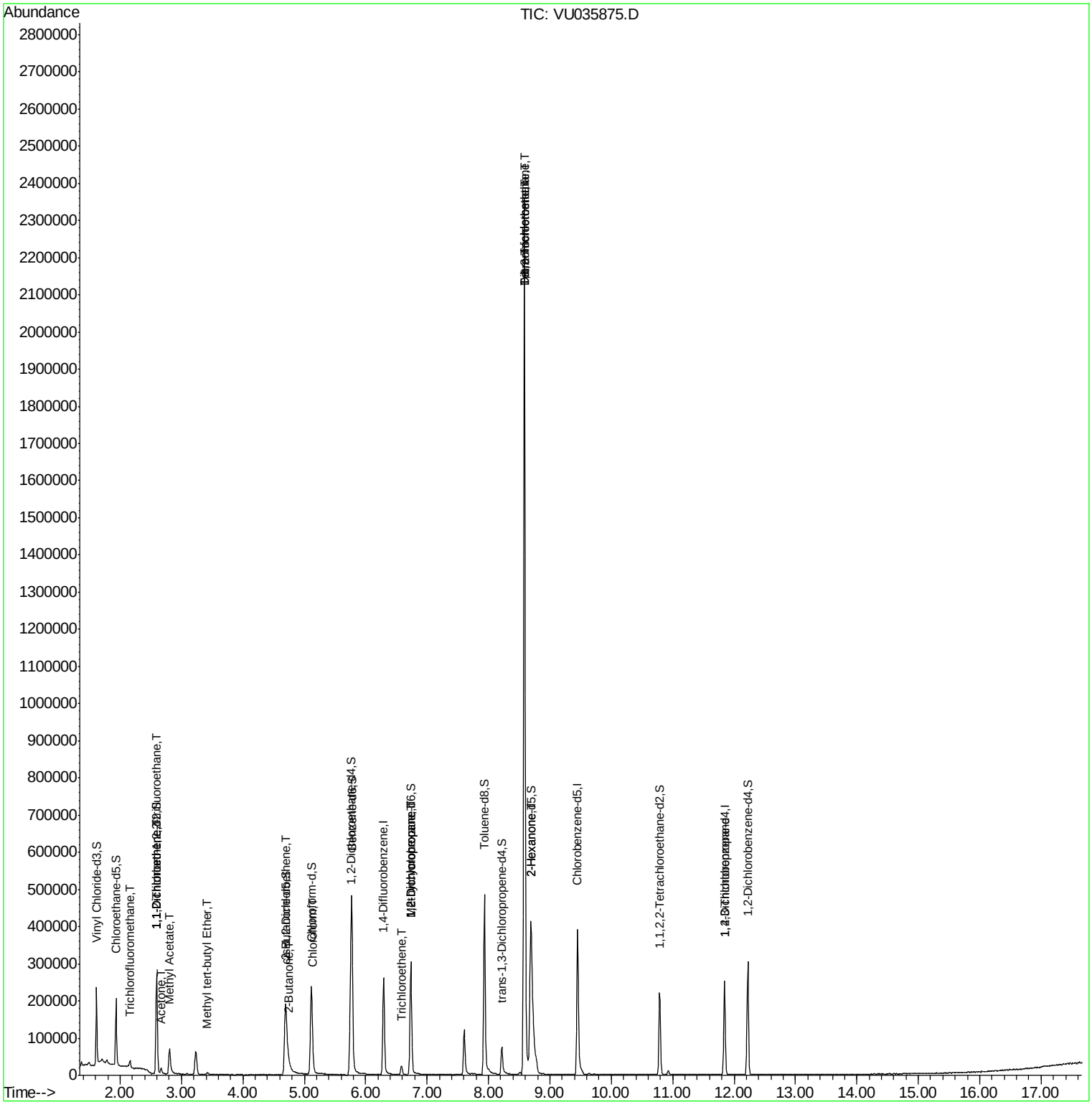
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

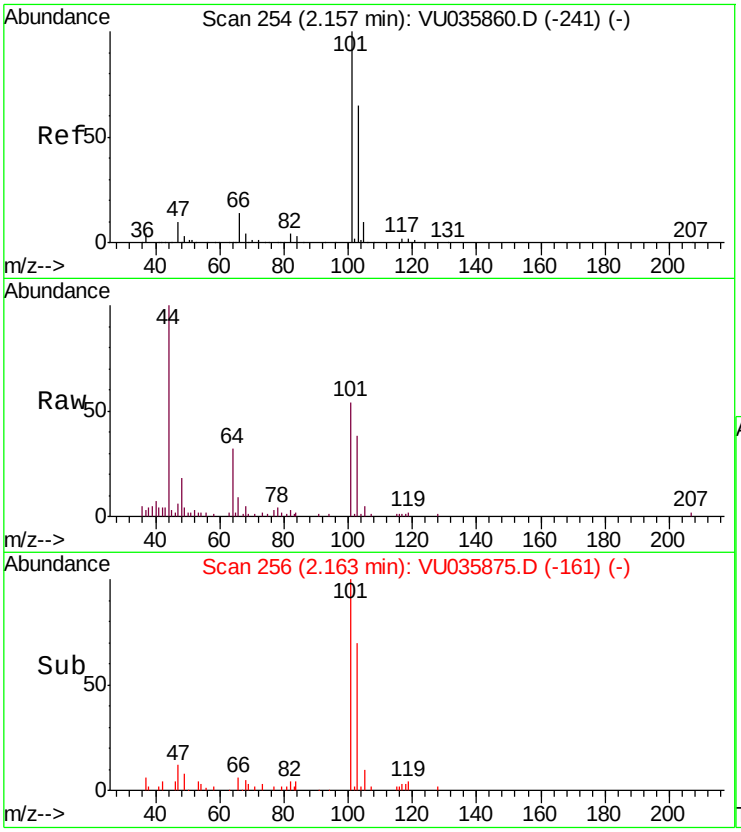
Quantitation Report (Not Reviewed)

Data File : VU035875.D
Acq On : 26 Nov 2019 22:33
Operator : JC/SP
Sample : K6057-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AA7

Quant Time: Nov 27 03:21:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration



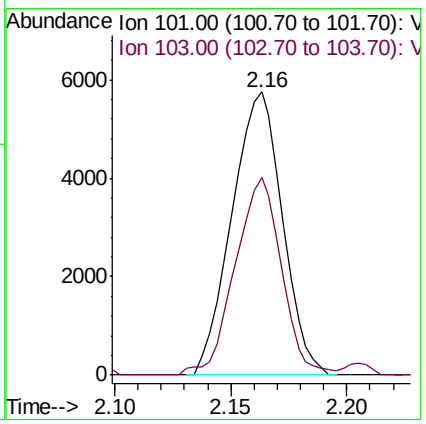


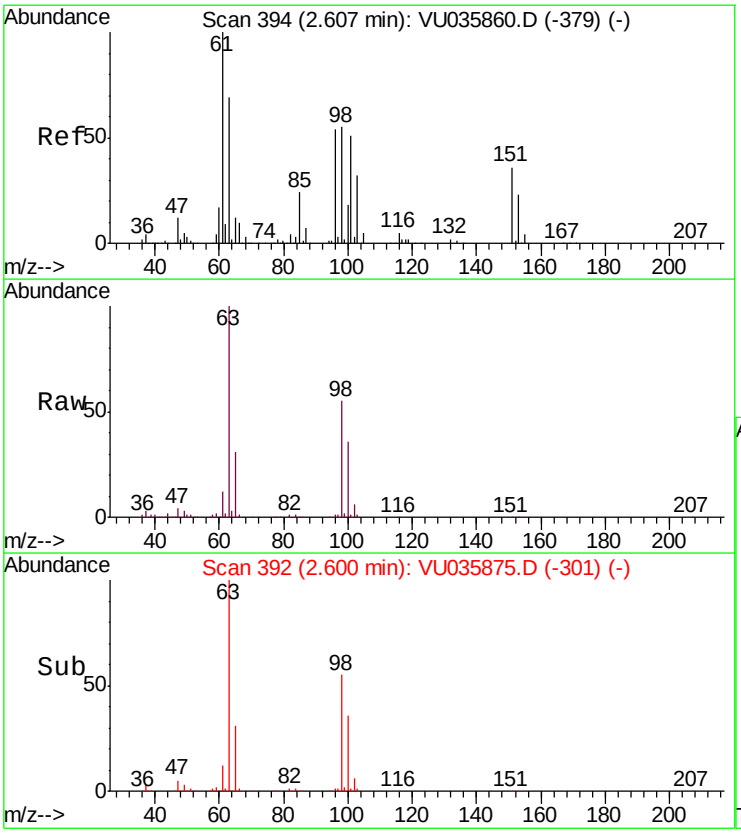
#9
Trichlorofluoromethane
Concen: 0.219 ug/L
RT: 2.16 min Scan# 256
Delta R.T. 0.01 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion:101 Resp: 8729

Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.8	74.6

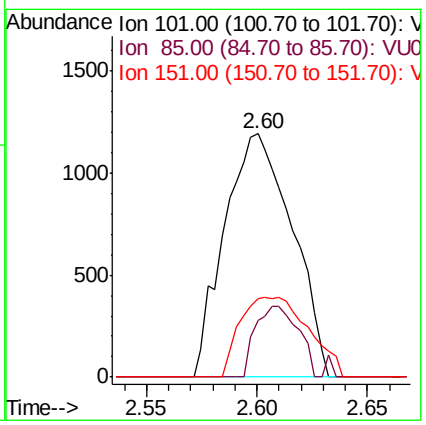


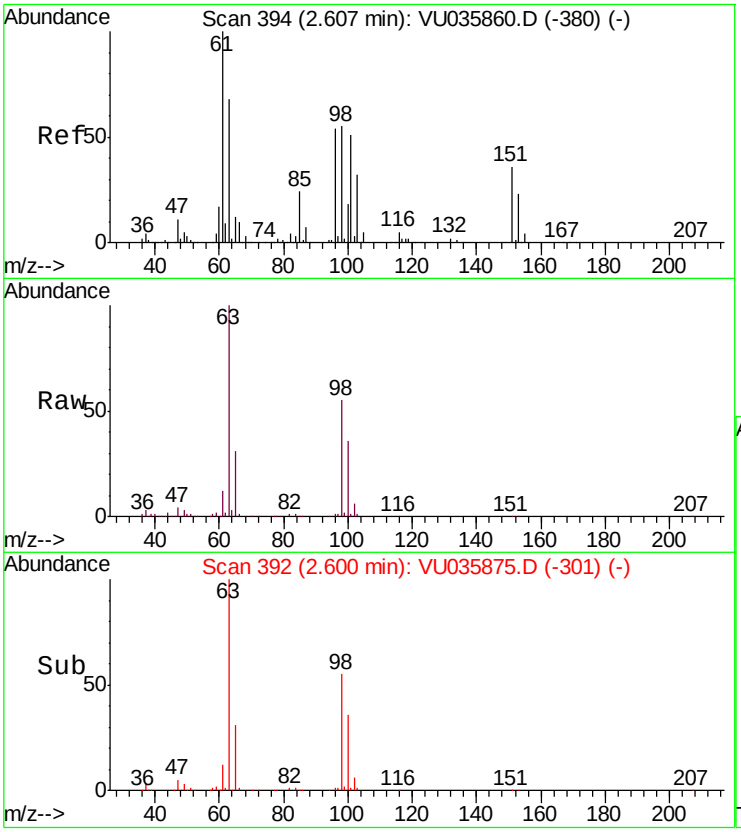


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.112 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.01 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion:101 Resp: 2541

Ion	Ratio	Lower	Upper
101	100		
85	18.3	38.1	57.1#
151	33.2	52.0	78.0#



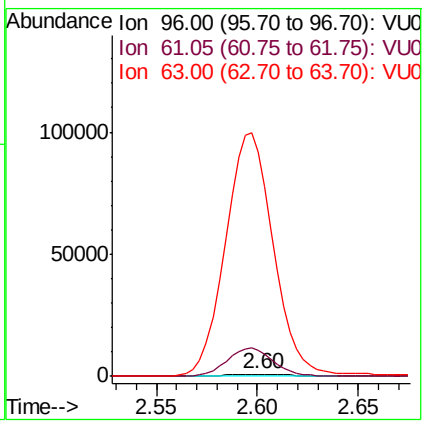


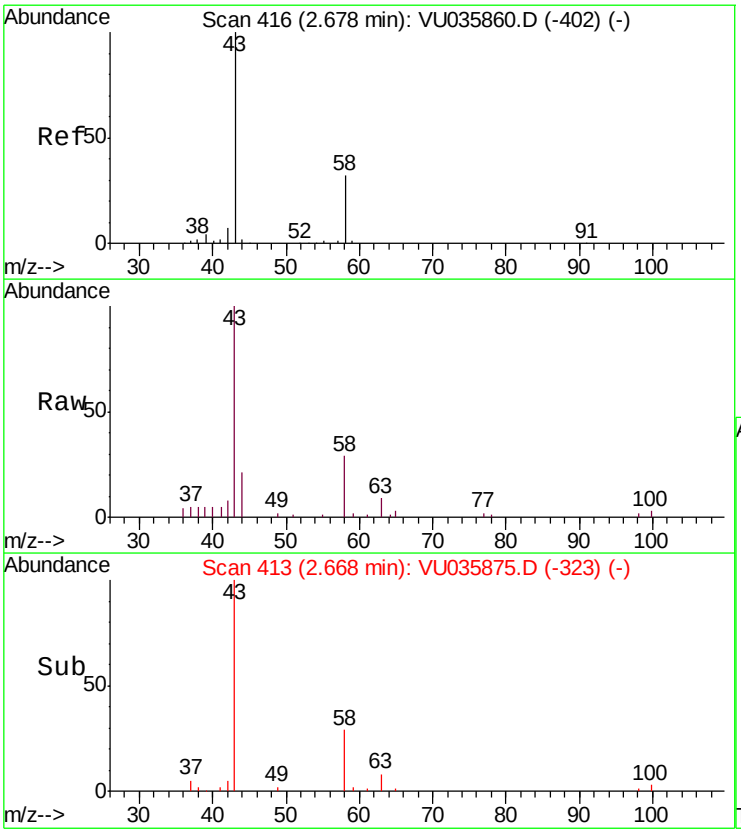
#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.01 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion: 96 Resp: 1699

Ion	Ratio	Lower	Upper
96	100		
61	1425.4	139.3	258.7#
63	12181.0	93.7	174.1#

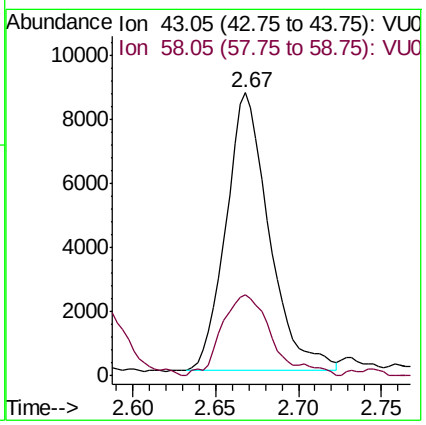


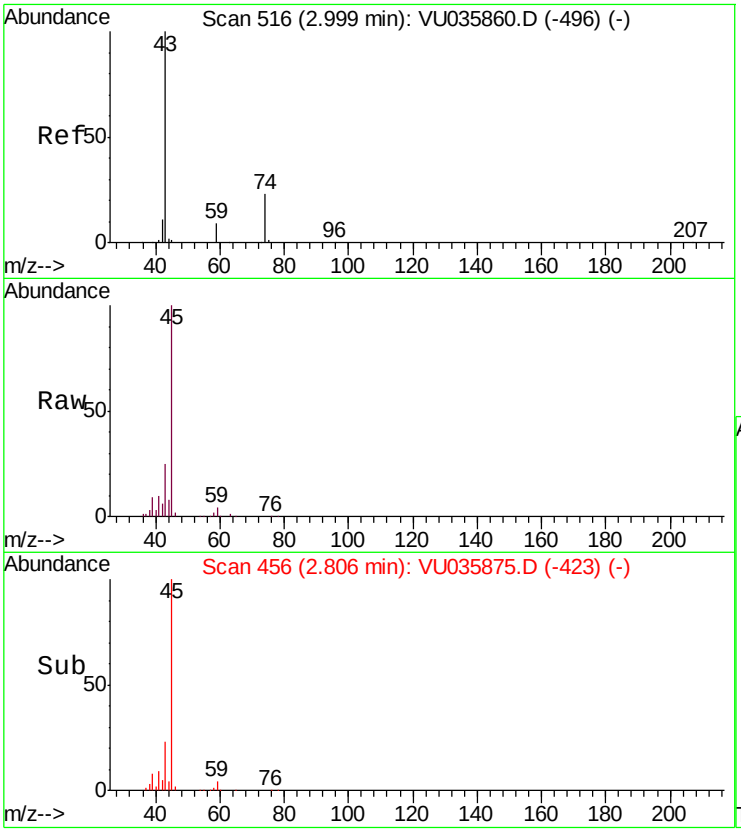


#13
Acetone
Concen: 2.902 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion: 43 Resp: 15807

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	61.2



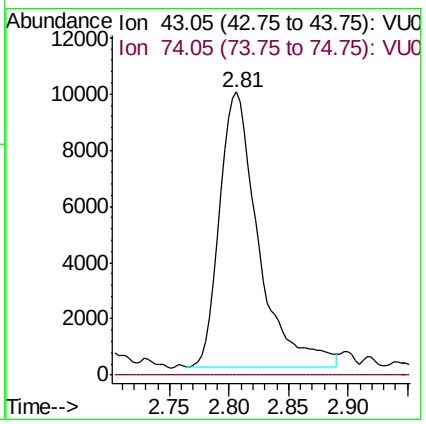


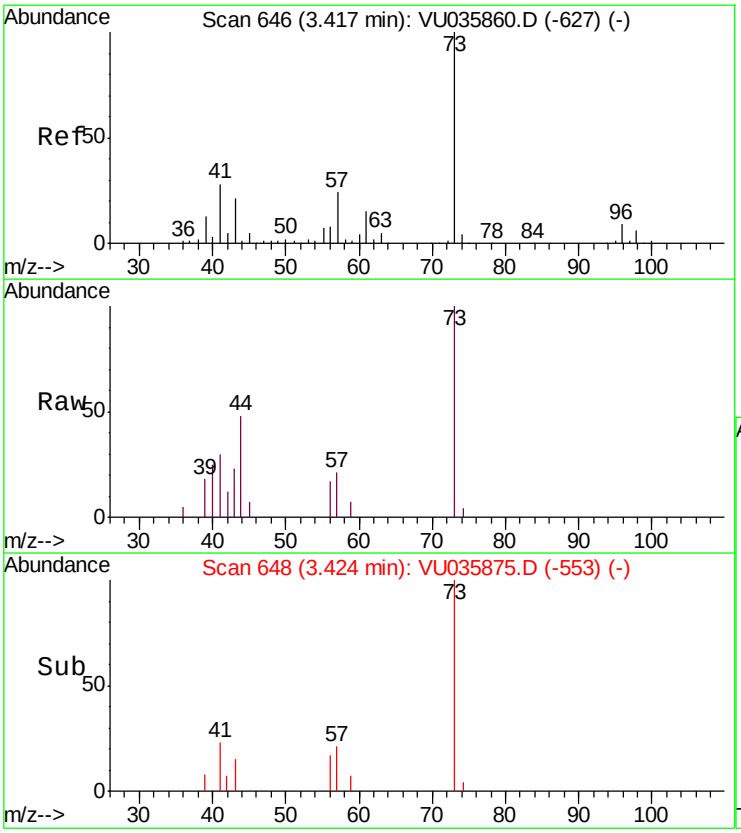
#15
Methyl Acetate
Concen: 2.028 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.19 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Tgt Ion: 43 Resp: 22145

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.2	27.4#

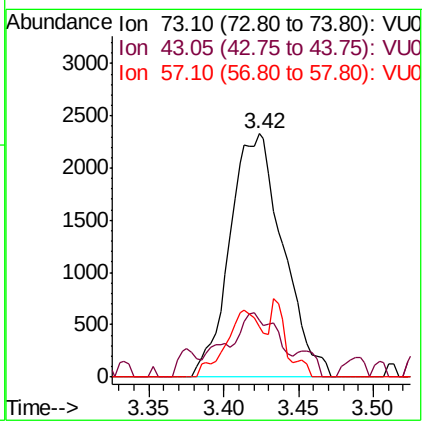


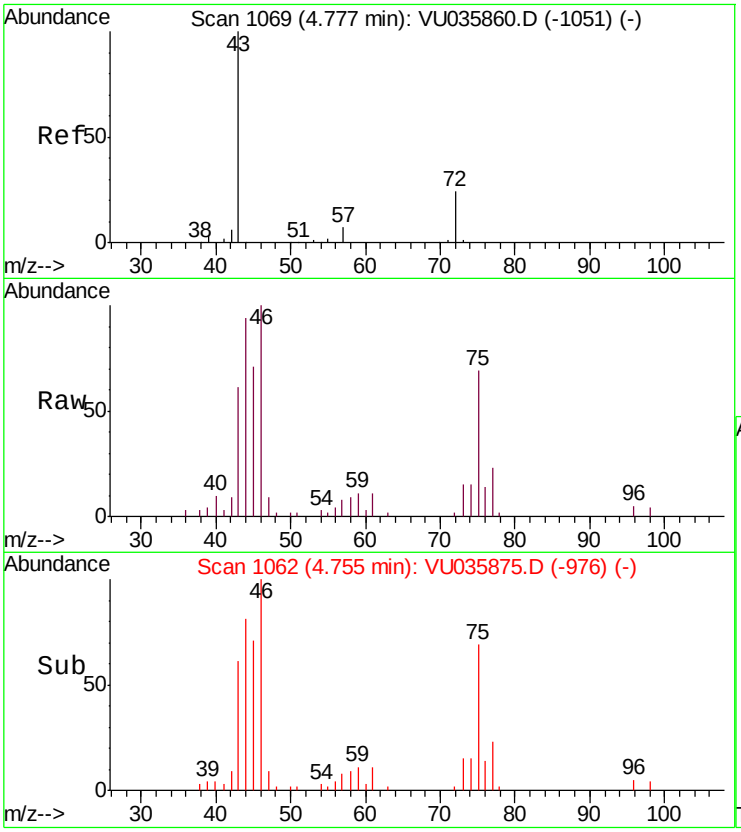


#17
Methyl tert-butyl Ether
Concen: 0.111 ug/L
RT: 3.42 min Scan# 648
Delta R.T. 0.01 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion: 73 Resp: 5748

Ion	Ratio	Lower	Upper
73	100		
43	19.1	17.4	26.2
57	19.2	19.4	29.0#



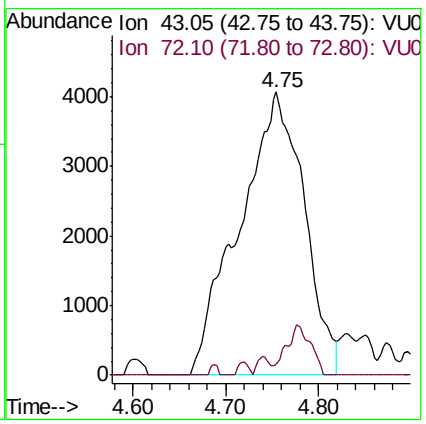


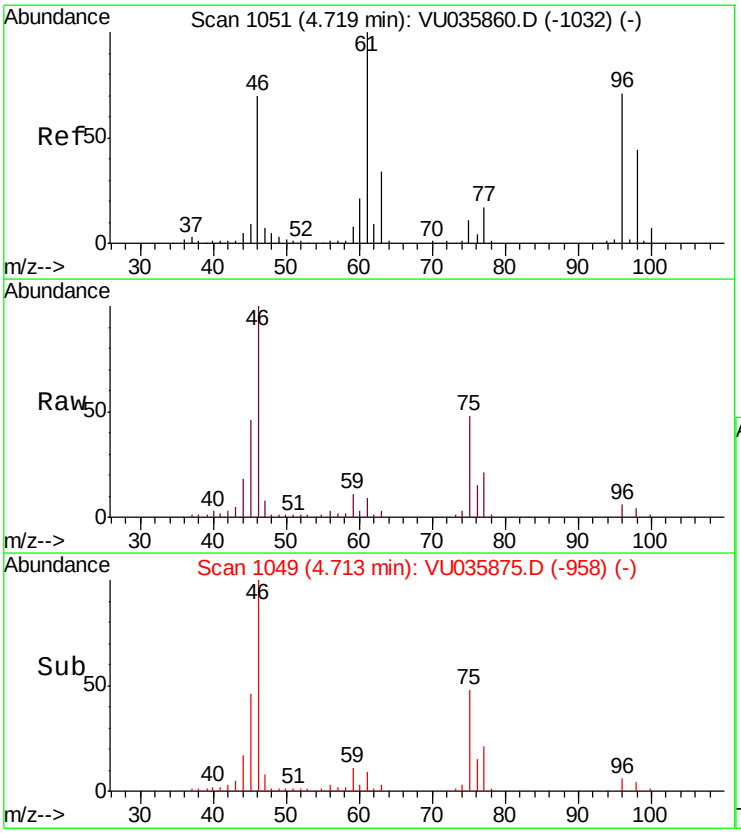
#21
2-Butanone
Concen: 2.856 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. -0.02 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion: 43 Resp: 19685

Ion	Ratio	Lower	Upper
43	100		
72	1.2	12.4	37.4#

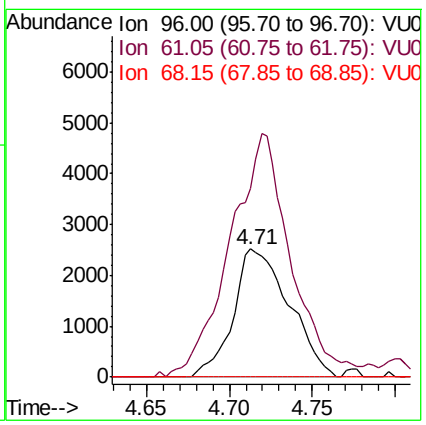


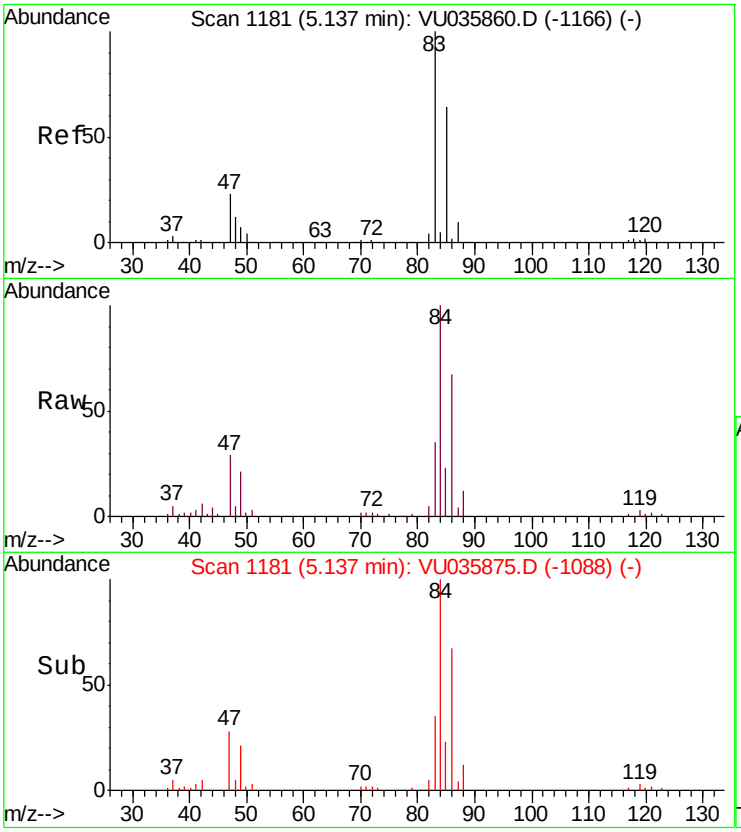


#22
cis-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 4.71 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion: 96 Resp: 5916

Ion	Ratio	Lower	Upper
96	100		
61	147.0	98.1	182.1
68	0.0	0.0	0.0



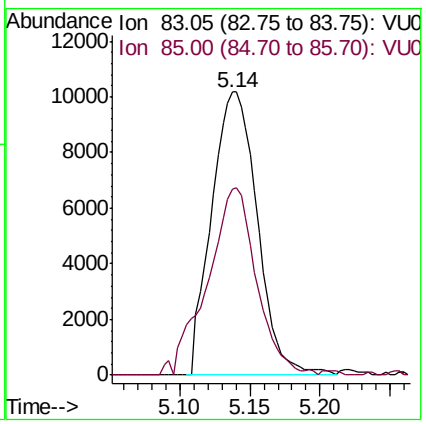


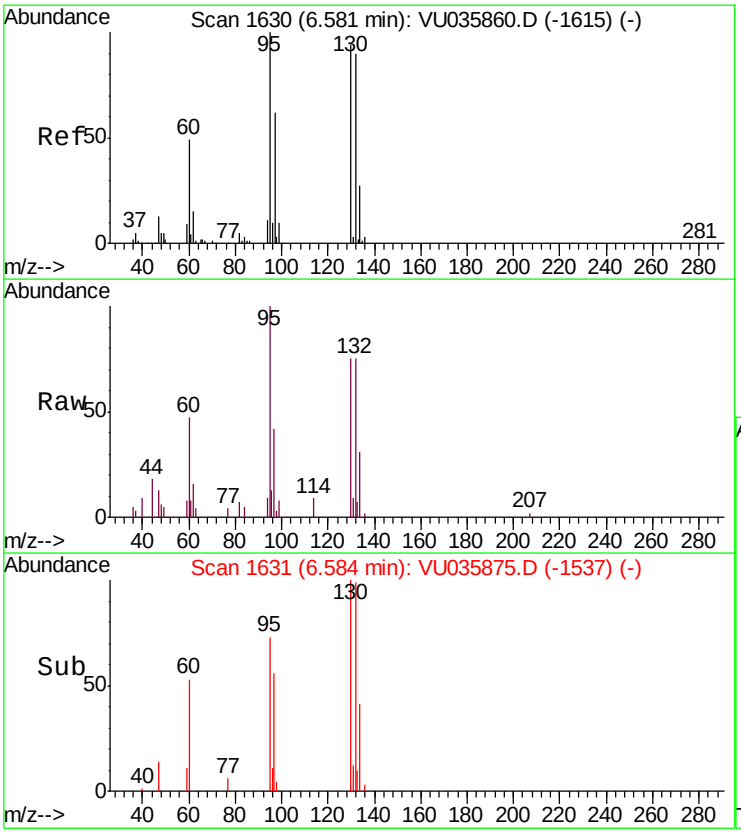
#25
Chloroform
Concen: 0.500 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Tgt Ion: 83 Resp: 22968

Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.6	82.8

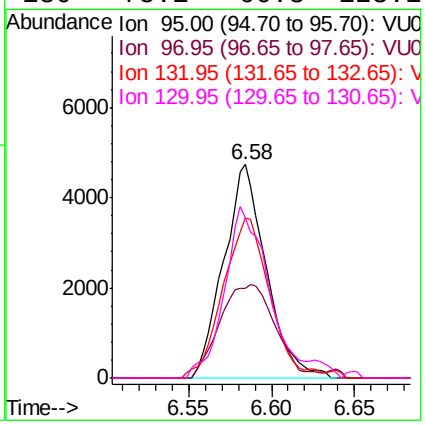


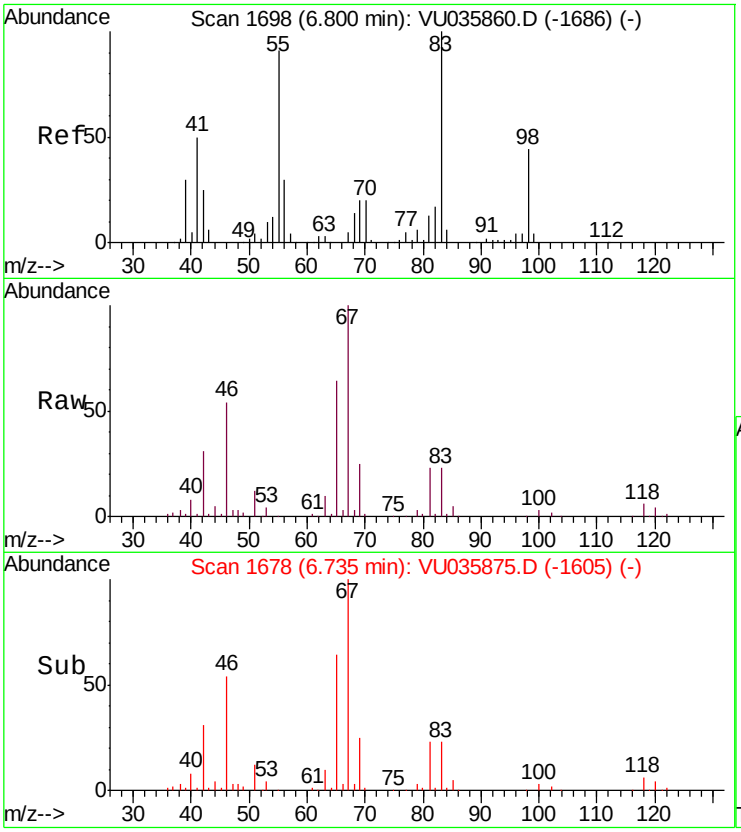


#34
Trichloroethene
Concen: 0.333 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion: 95 Resp: 8453

Ion	Ratio	Lower	Upper
95	100		
97	41.9	45.1	83.9#
132	74.7	61.9	114.9
130	75.1	66.3	123.1



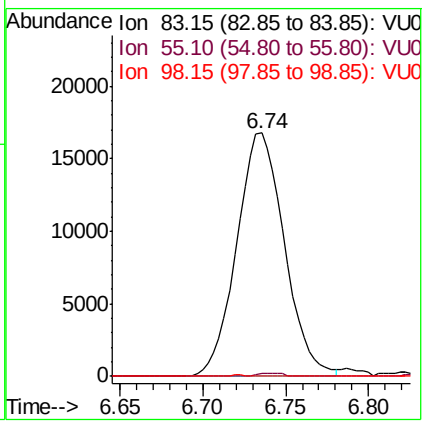


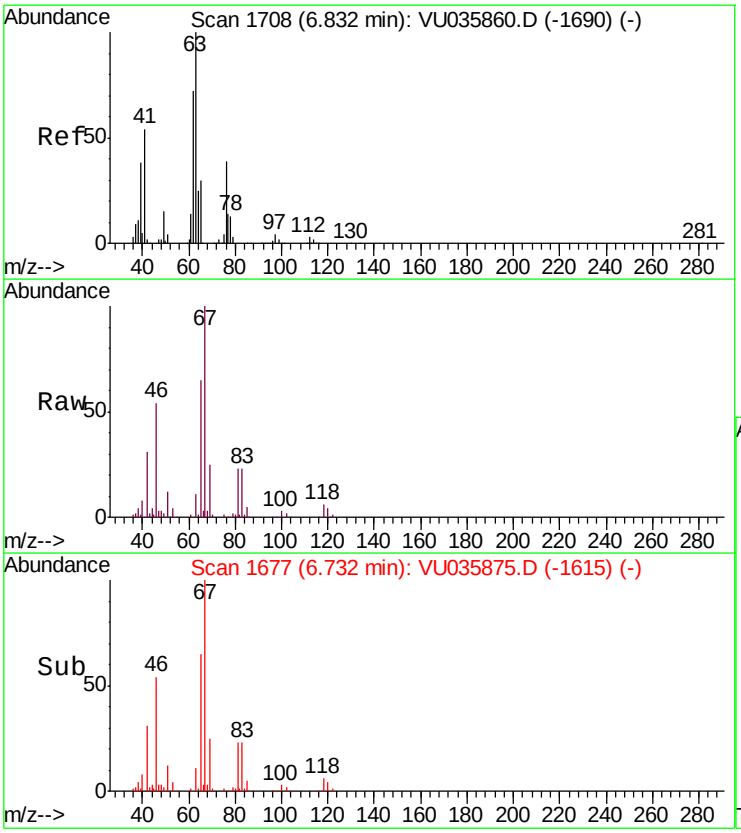
#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion: 83 Resp: 33595

Ion	Ratio	Lower	Upper
83	100		
55	0.7	72.7	109.1#
98	0.1	36.2	54.4#

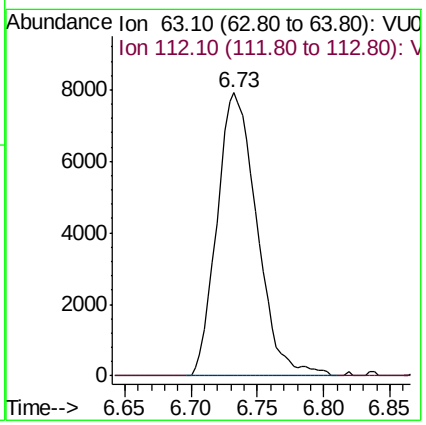


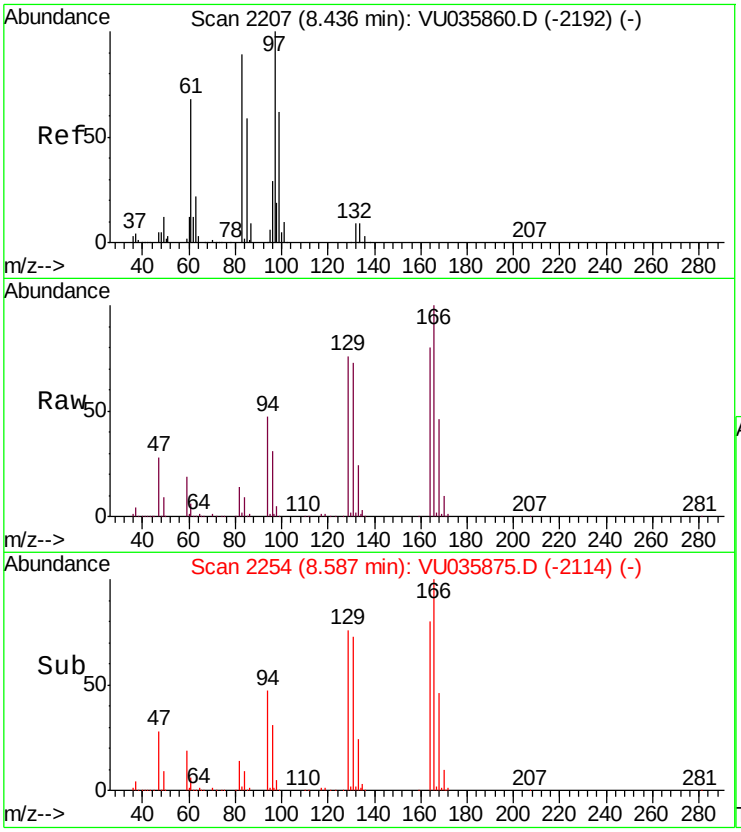


#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion: 63 Resp: 16579

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#



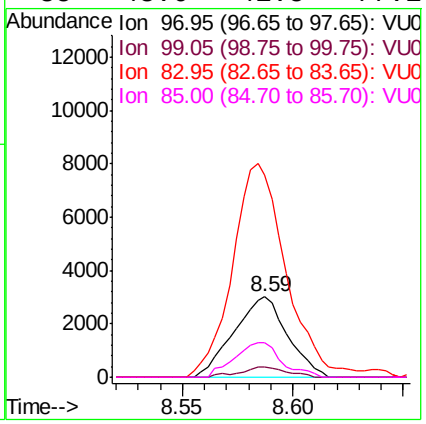


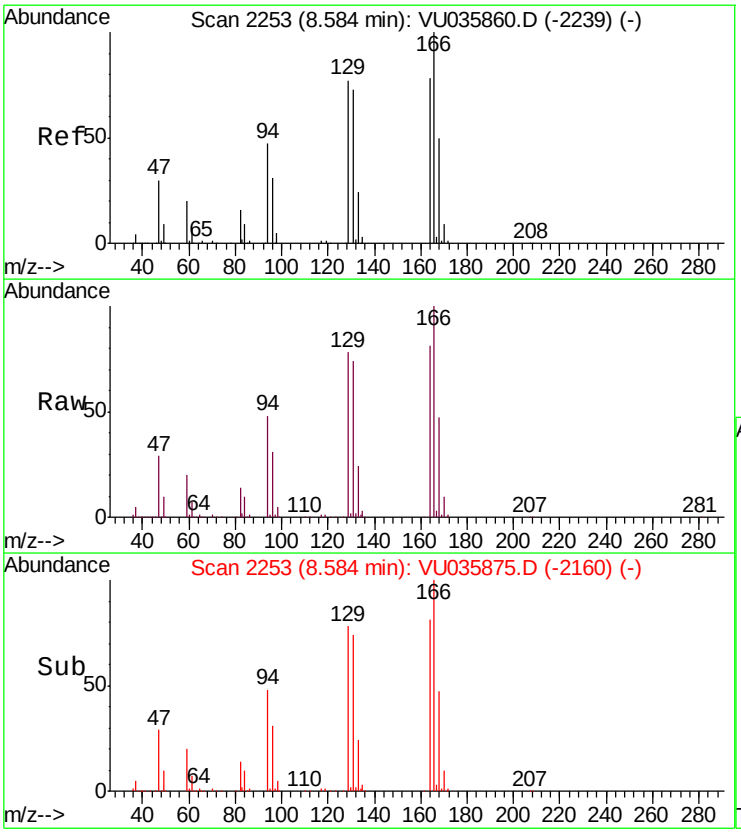
#45
1,1,2-Trichloroethane
Concen: 0.265 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.15 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion: 97 Resp: 5077

Ion	Ratio	Lower	Upper
97	100		
99	12.1	44.2	82.0#
83	251.6	62.2	115.6#
85	43.6	41.5	77.1

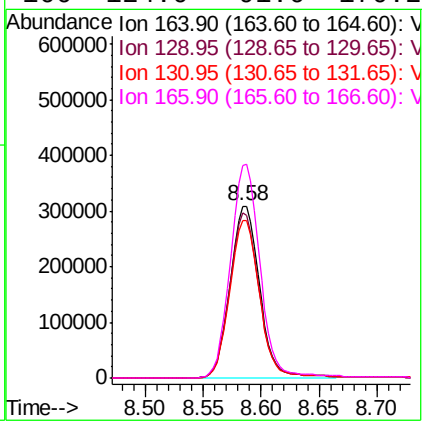


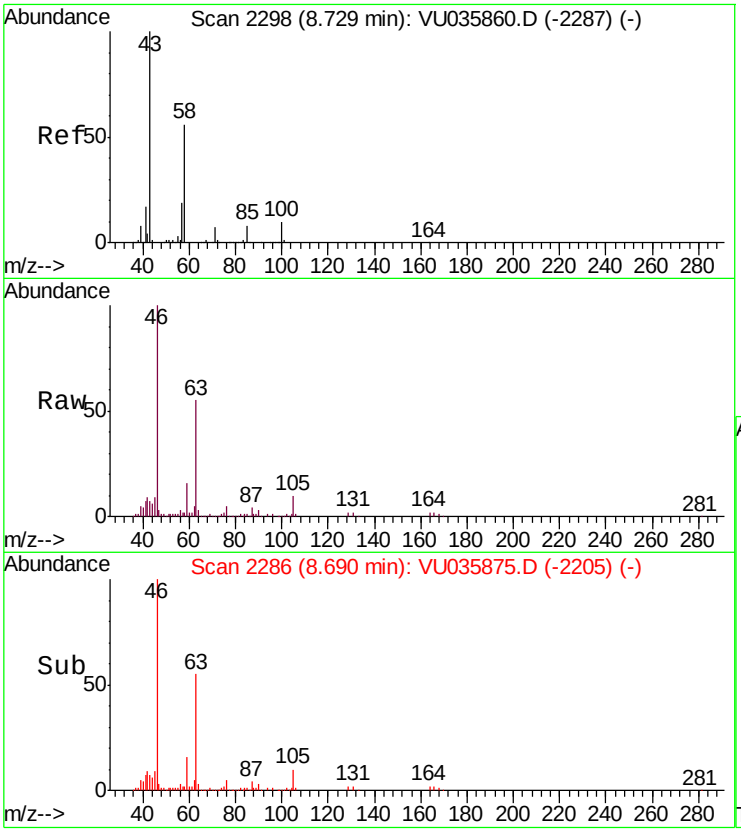


#47
Tetrachloroethene
Concen: 28.069 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion:164 Resp: 542901

Ion	Ratio	Lower	Upper
164	100		
129	96.4	68.8	127.8
131	92.1	67.3	124.9
166	124.0	91.6	170.2



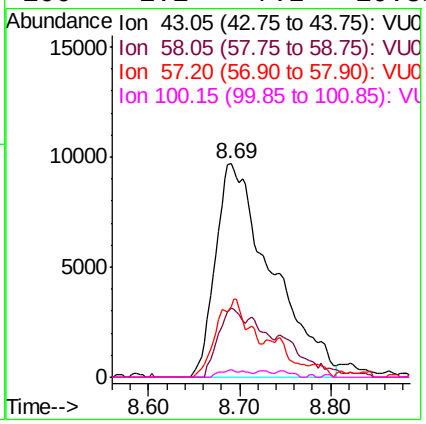


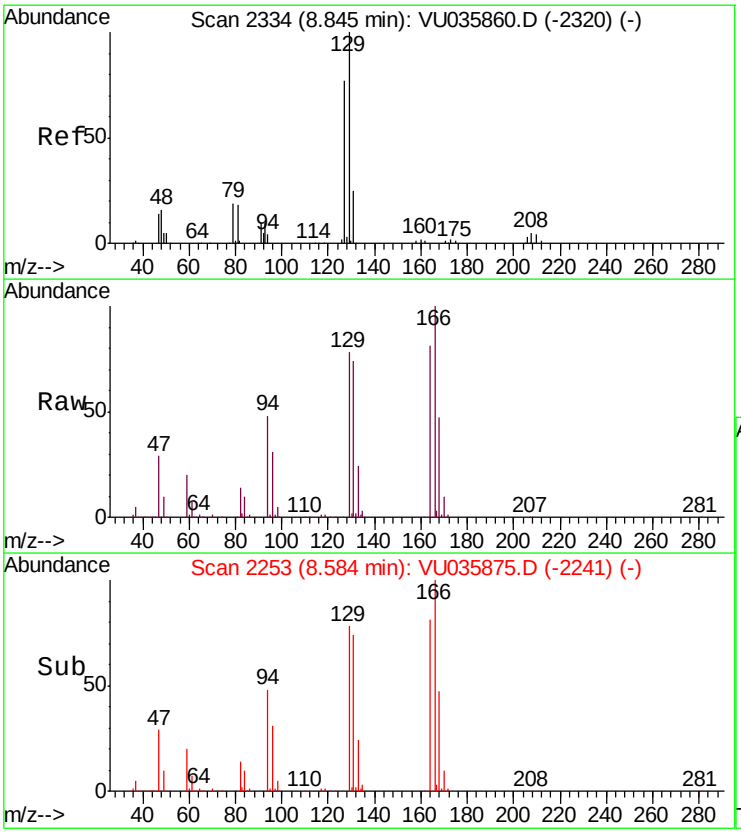
#48
2-Hexanone
Concen: 3.113 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion: 43 Resp: 41372

Ion	Ratio	Lower	Upper
43	100		
58	14.5	39.8	59.8#
57	22.7	14.0	21.0#
100	1.1	7.2	10.8#

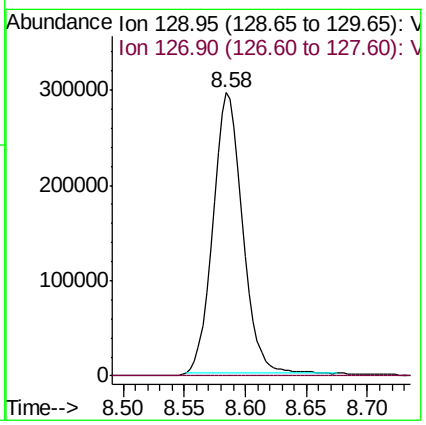


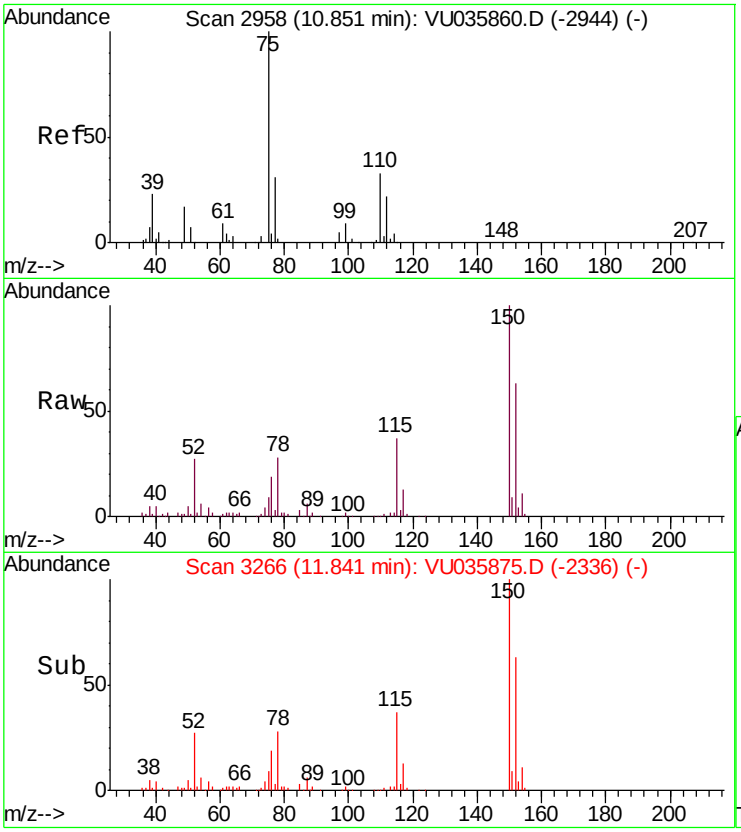


#49
Dibromochloromethane
Concen: 22.167 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion:129 Resp: 501025

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#





#59
1,2,3-Trichloropropane
Concen: 0.542 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Tgt Ion: 75 Resp: 10356

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.4	38.2