Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032155.D
Acq On : 20 May 2019 15:17
Operator : JC/SP
Sample : K2860-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W38

Quant Time: May 21 06:43:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	350499	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	371964	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148761	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	109939	3.72	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.40%				
7) Chloroethane-d5	1.68	69	94616	3.75	ug/L		0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.00%				
11) 1,1-Dichloroethene-d2	2.27	63	156109	3.32	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.40%				
20) 2-Butanone-d5	4.20	46	253126	43.67	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.34%				
24) Chloroform-d	4.64	84	220596	4.25	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%				
26) 1,2-Dichloroethane-d4	5.31	65	115247	4.30	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%				
32) Benzene-d6	5.33	84	432687	3.81	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.20%				
36) 1,2-Dichloropropane-d6	6.33	67	133223	4.02	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.40%				
41) Toluene-d8	7.56	98	354776	3.55	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.00%				
43) trans-1,3-Dichloropropene-	7.85	79	43689	3.66	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.20%				
46) 2-Hexanone-d5	8.31	63	216403	40.14	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.28%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113733	4.20	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.00%				
64) 1,2-Dichlorobenzene-d4	11.86	152	141090	4.48	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2832	0.168	ug/L		96
8) Chloroethane	1.66	64	1283	0.117	ug/L	#	60
12) 1,1-Dichloroethene	2.27	96	1611	0.114	ug/L	#	1
13) Acetone	2.34	43	63202	33.213	ug/L		99
15) Methyl Acetate	2.34	43	54971	10.075	ug/L	#	42
17) Methyl tert-butyl Ether	3.00	73	4051	0.122	ug/L	#	93
21) 2-Butanone	4.40	43	68482	25.073	ug/L	#	43
22) cis-1,2-Dichloroethene	4.22	96	1546	0.104	ug/L	#	61
34) Trichloroethene	6.18	95	9070	0.585	ug/L		95
35) Methylcyclohexane	6.33	83	30816	1.381	ug/L	#	20
37) 1,2-Dichloropropane	6.32	63	13612	0.975	ug/L	#	88
44) trans-1,3-Dichloropropene	7.85	75	1843	0.123	ug/L		84
47) Tetrachloroethene	8.22	164	8596	0.742	ug/L		87
48) 2-Hexanone	8.38	43	8146	1.622	ug/L	#	35
49) Dibromochloromethane	8.22	129	7803	0.656	ug/L	#	10
59) 1,2,3-Trichloropropane	11.48	75	14913	1.681	ug/L		90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032155.D
Acq On : 20 May 2019 15:17
Operator : JC/SP
Sample : K2860-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W38

Quant Time: May 21 06:43:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 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\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032155.D
Acq On : 20 May 2019 15:17
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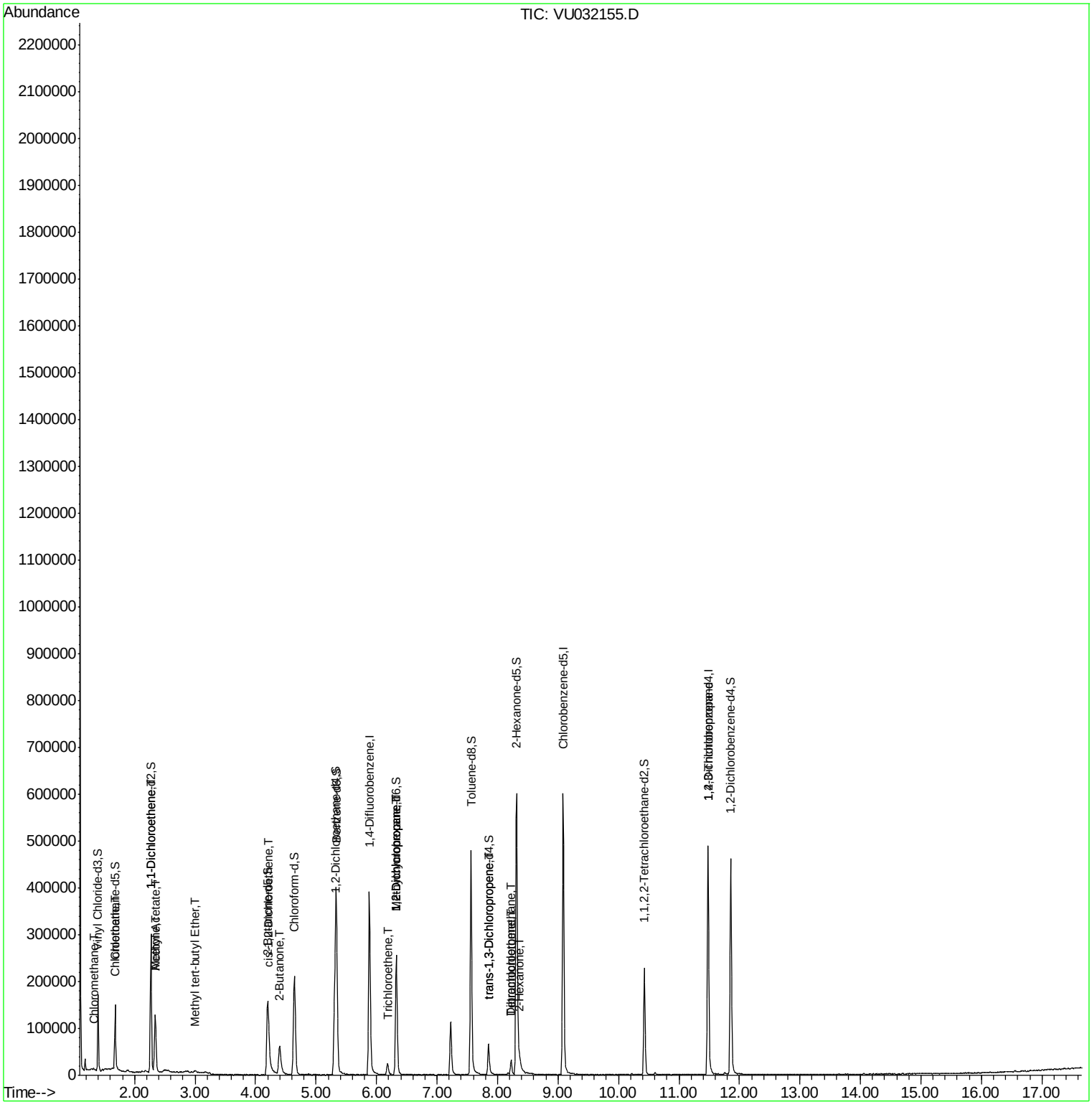
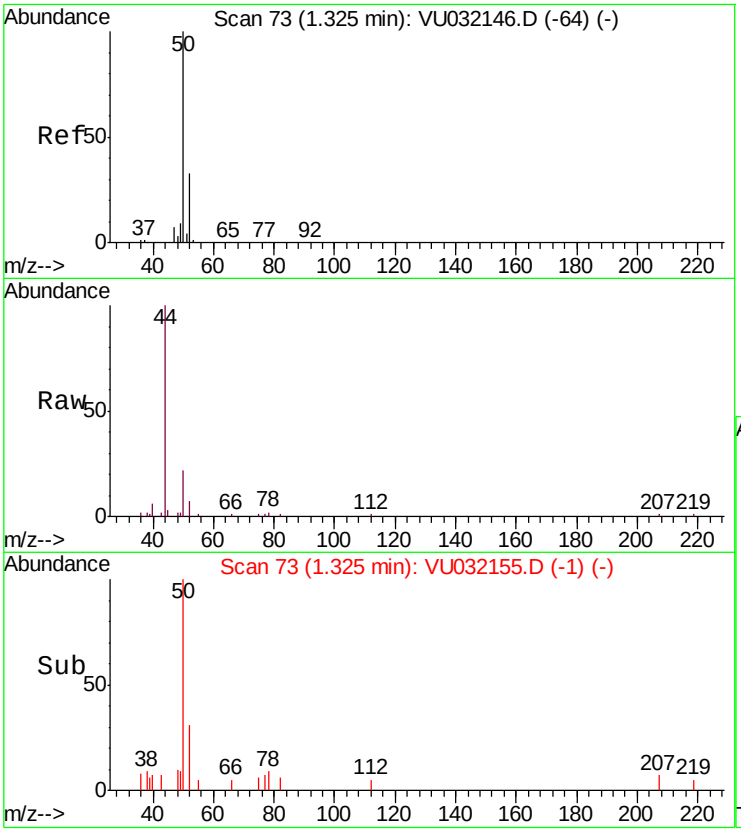
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration



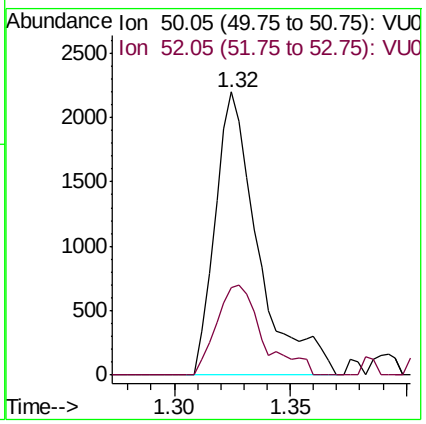


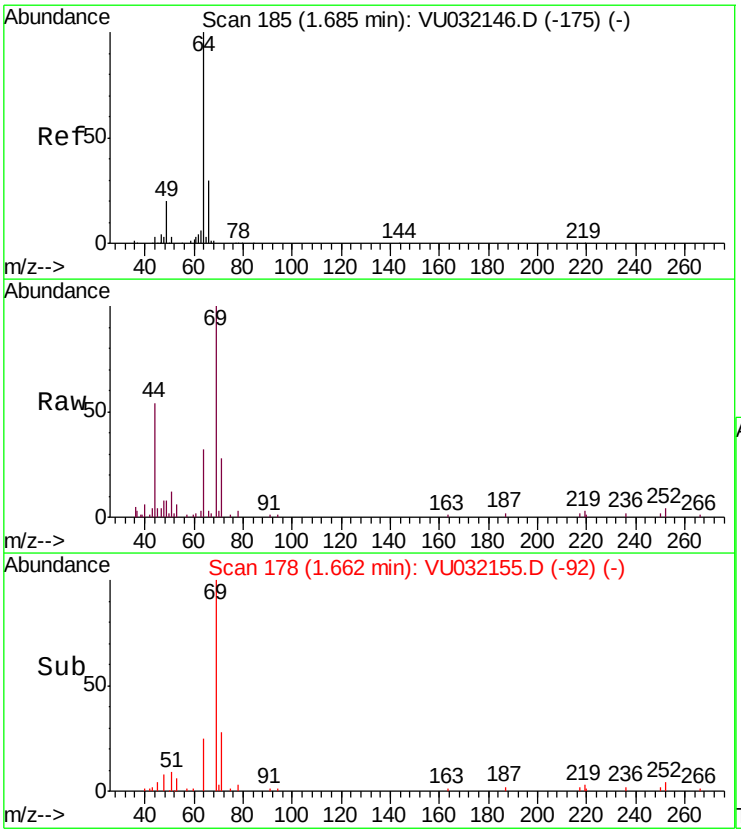
#3
Chloromethane
Concen: 0.168 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
F9W38

Tgt Ion: 50 Resp: 2832

Ion	Ratio	Lower	Upper
50	100		
52	31.0	23.2	43.0

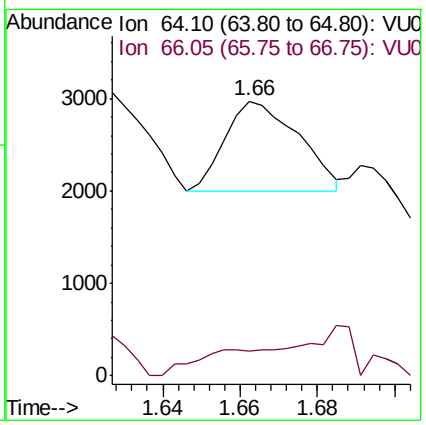


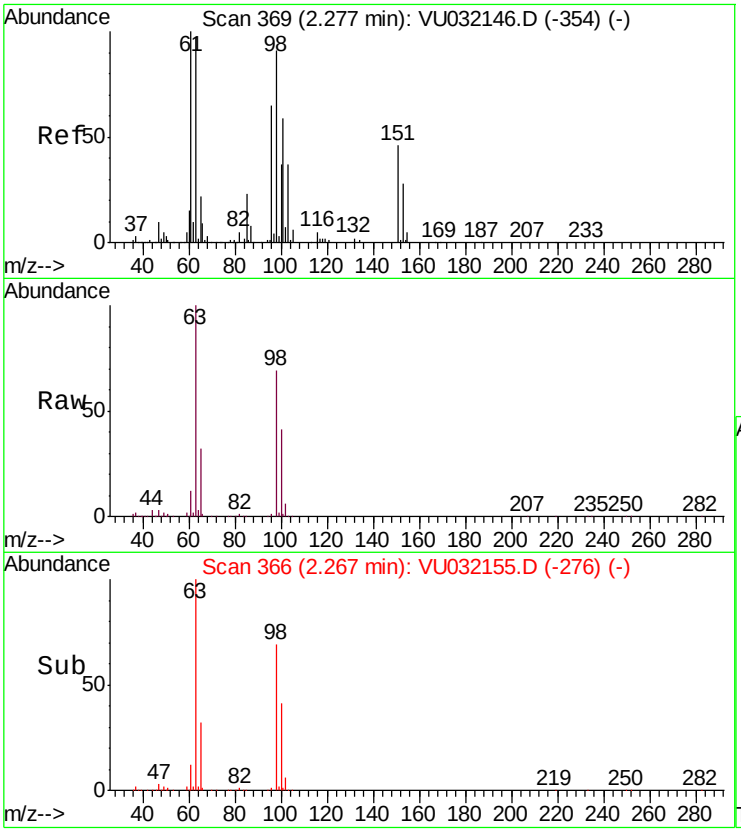


#8
Chloroethane
Concen: 0.117 ug/L
RT: 1.66 min Scan# 178
Delta R.T. -0.02 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Tgt Ion: 64 Resp: 1283

Ion	Ratio	Lower	Upper
64	100		
66	9.2	22.0	41.0#



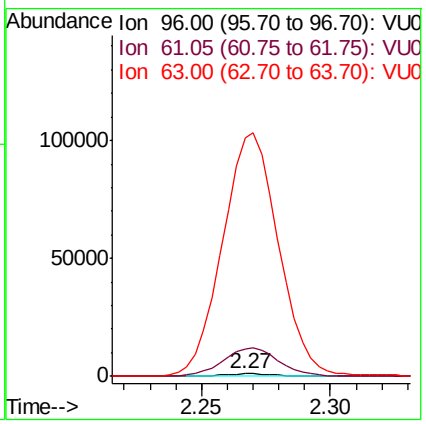


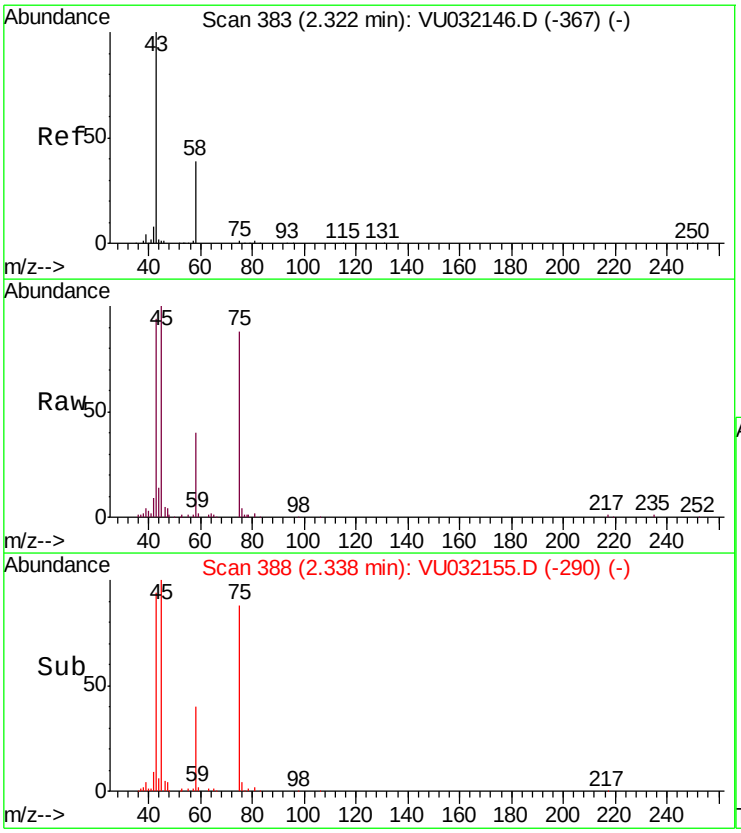
#12
1,1-Dichloroethene
Concen: 0.114 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Instrument : MSVOA_U
ClientSampleId : F9W38

Tgt Ion: 96 Resp: 1611

Ion	Ratio	Lower	Upper
96	100		
61	1045.8	111.7	207.5#
63	9066.4	152.2	282.6#

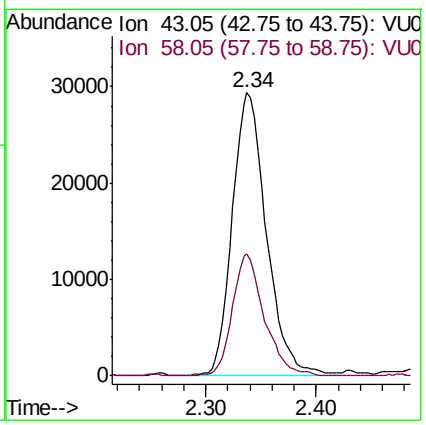


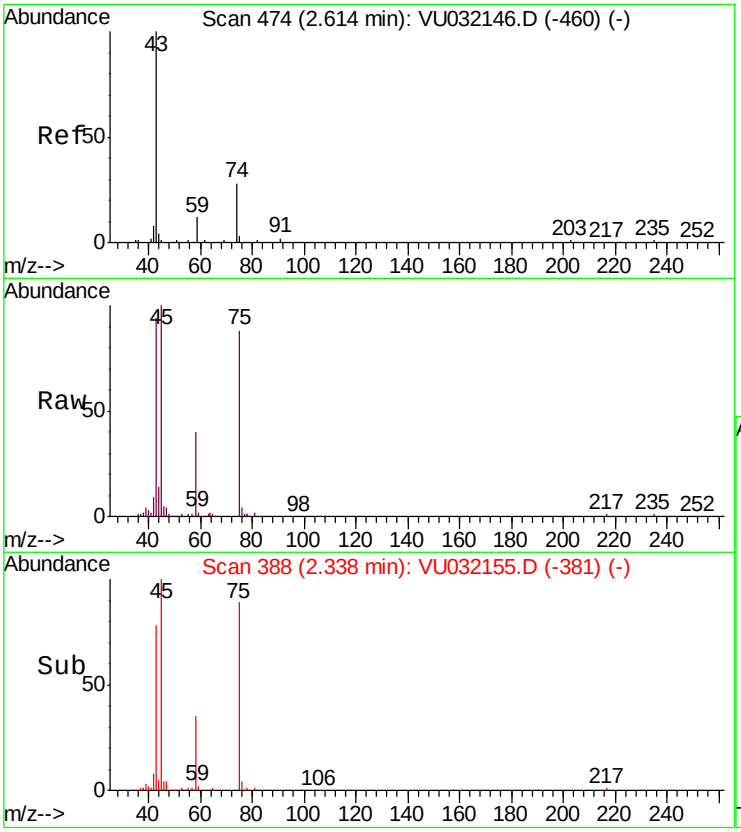


#13
Acetone
Concen: 33.213 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.02 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Tgt Ion: 43 Resp: 63202

Ion	Ratio	Lower	Upper
43	100		
58	40.0	0.0	78.8



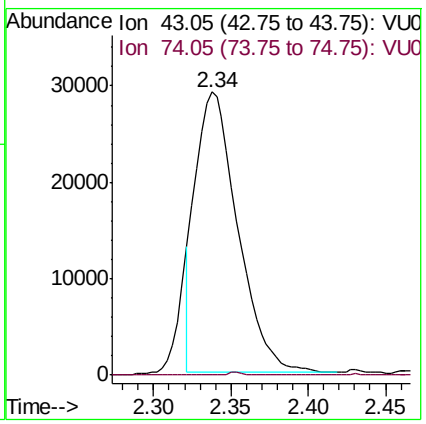


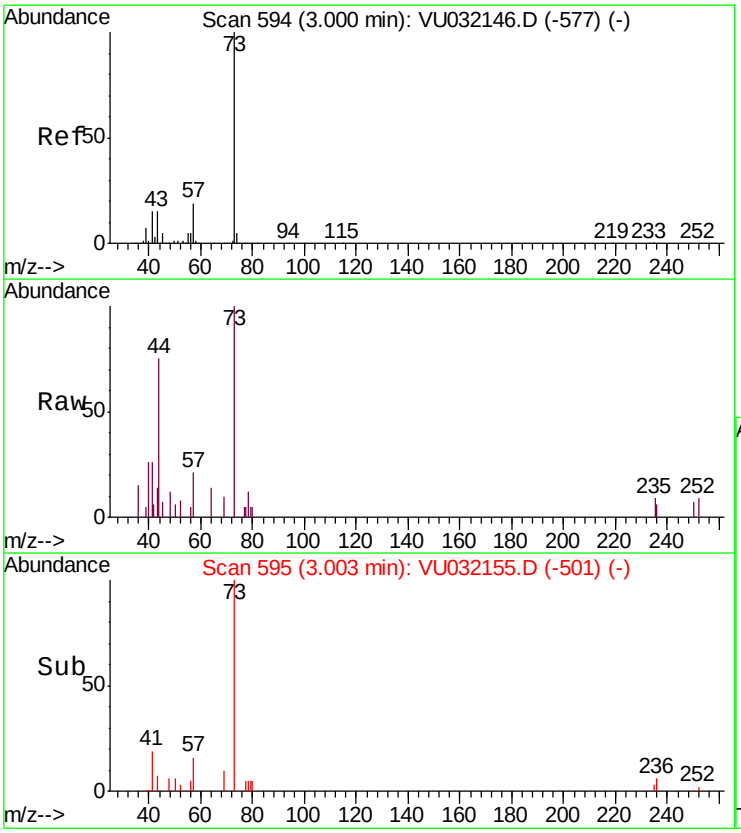
#15
Methyl Acetate
Concen: 10.075 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.28 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Instrument : MSVOA_U
ClientSampleId : F9W38

Tgt Ion: 43 Resp: 54971

Ion	Ratio	Lower	Upper
43	100		
74	0.3	26.4	39.6#

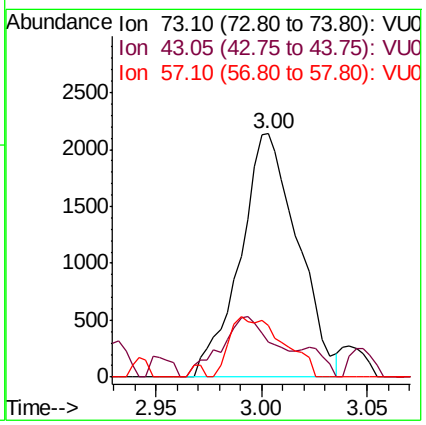


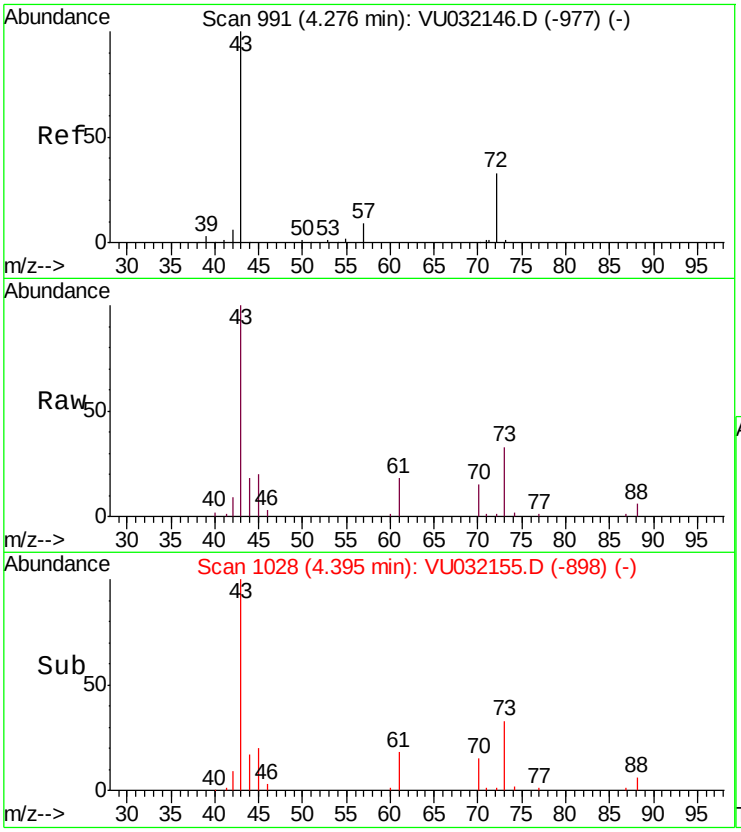


#17
Methyl tert-butyl Ether
Concen: 0.122 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Tgt Ion: 73 Resp: 4051

Ion	Ratio	Lower	Upper
73	100		
43	23.2	13.0	19.6#
57	22.9	17.9	26.9



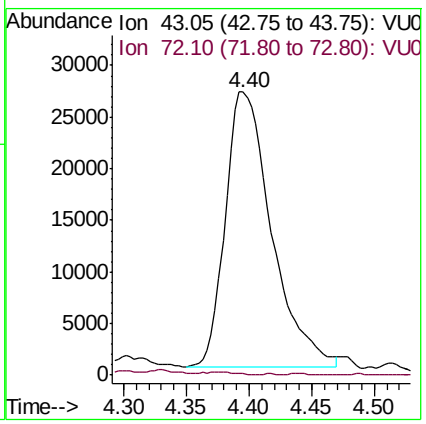


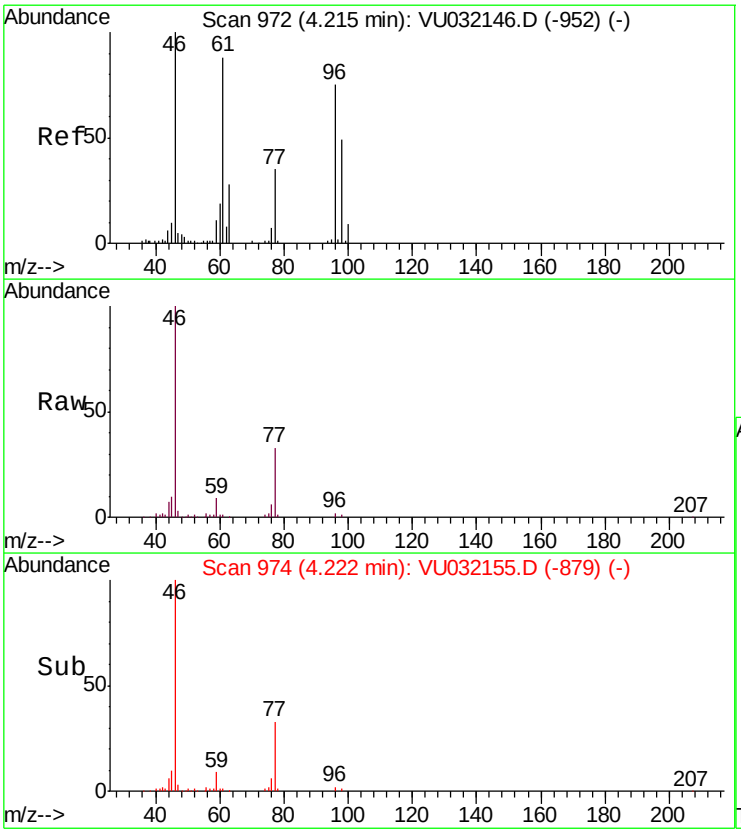
#21
2-Butanone
Concen: 25.073 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. 0.12 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Instrument : MSVOA_U
ClientSampleId : F9W38

Tgt Ion: 43 Resp: 68482

Ion	Ratio	Lower	Upper
43	100		
72	0.8	16.8	50.3#

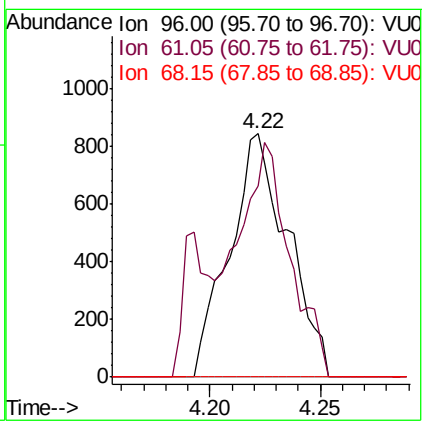


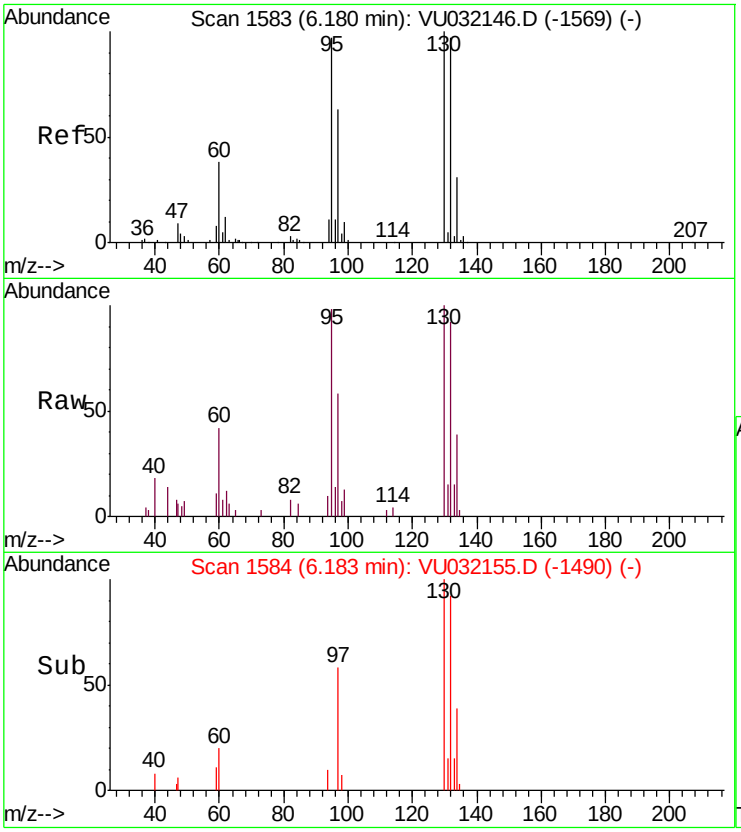


#22
cis-1,2-Dichloroethene
Concen: 0.104 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Tgt Ion: 96 Resp: 1546

Ion	Ratio	Lower	Upper
96	100		
61	78.7	85.8	159.4#
68	0.0	0.0	0.0



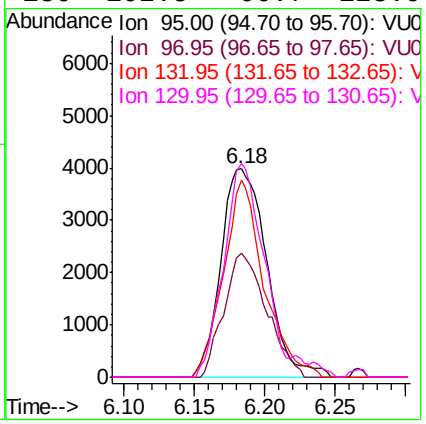


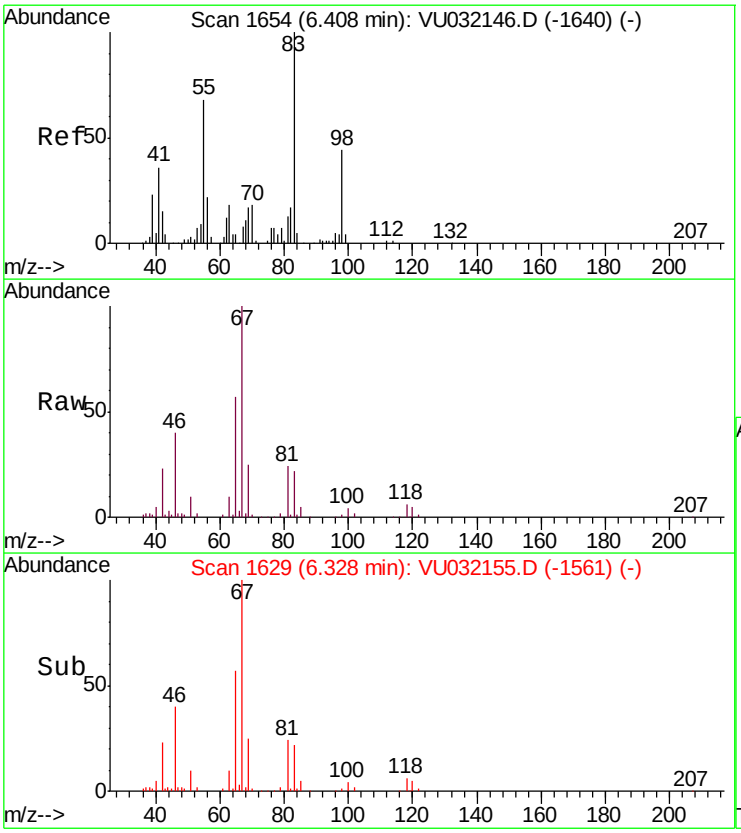
#34
Trichloroethene
Concen: 0.585 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
F9W38

Tgt Ion: 95 Resp: 9070

Ion	Ratio	Lower	Upper
95	100		
97	59.5	45.2	84.0
132	94.6	66.1	122.7
130	102.5	66.7	123.9

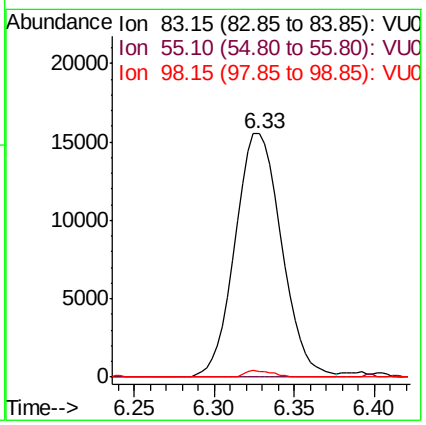


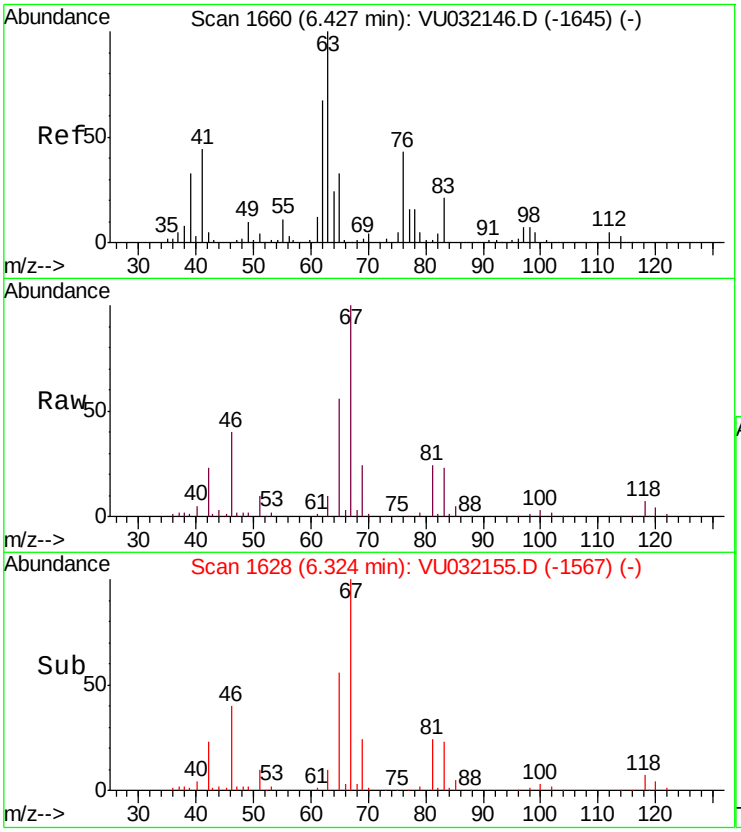


#35
Methylcyclohexane
Concen: 1.381 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Tgt Ion: 83 Resp: 30816

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.7	89.5#
98	1.5	36.8	55.2#



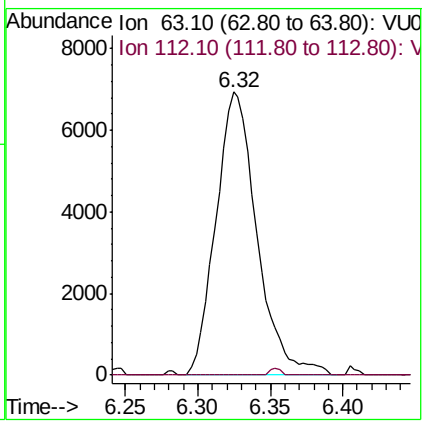


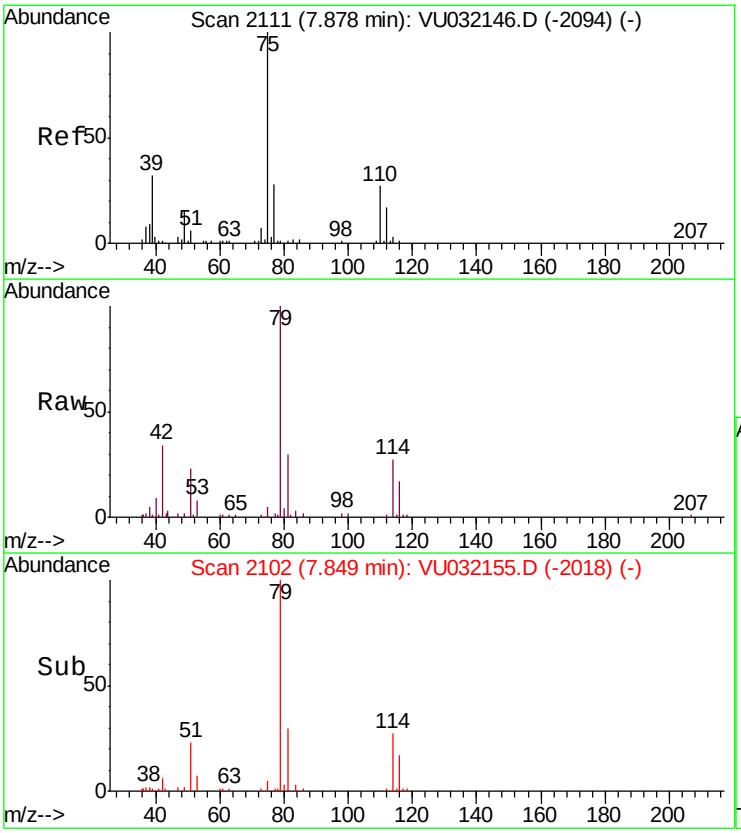
#37
1,2-Dichloropropane
Concen: 0.975 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Instrument : MSVOA_U
ClientSampleId : F9W38

Tgt Ion: 63 Resp: 13612

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.8	5.6#

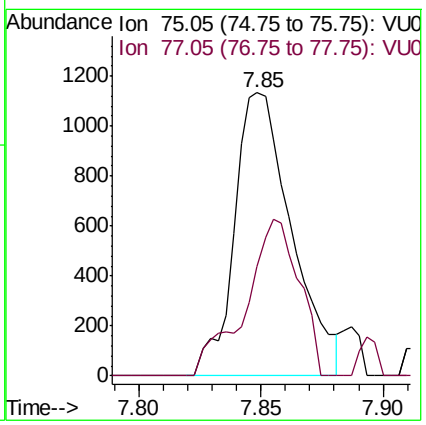


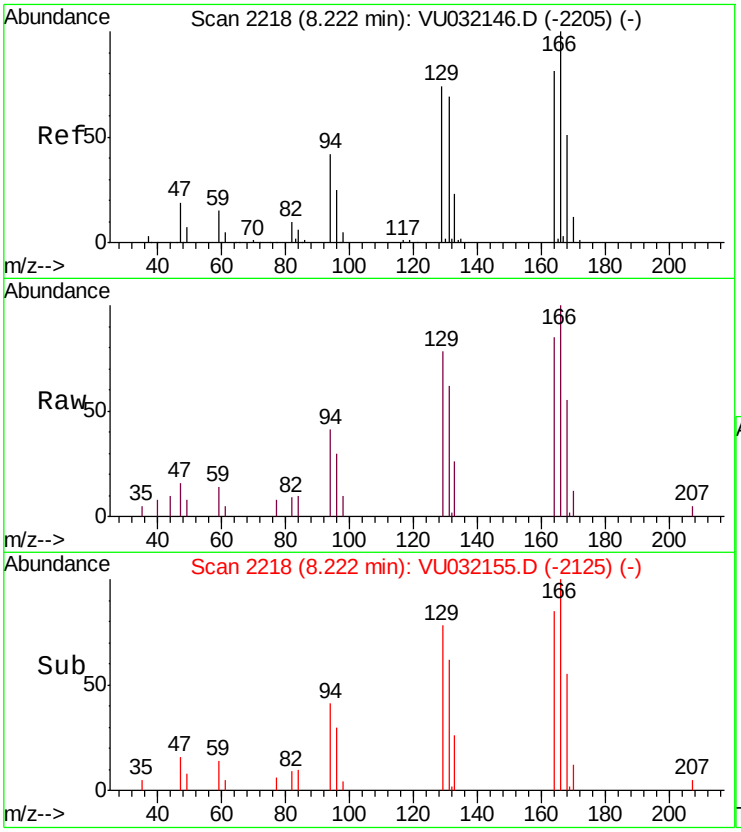


#44
trans-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Tgt Ion: 75 Resp: 1843

Ion	Ratio	Lower	Upper
75	100		
77	38.5	21.0	39.0



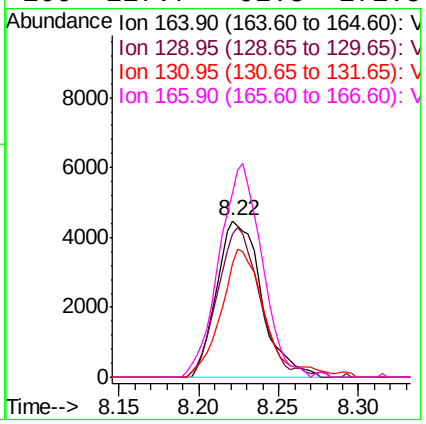


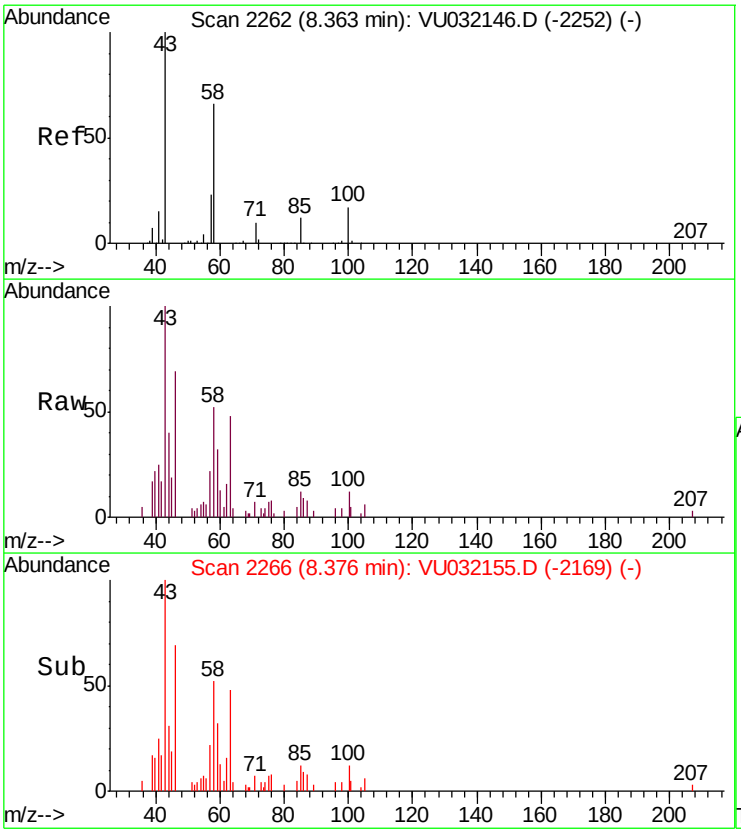
#47
Tetrachloroethene
Concen: 0.742 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Instrument : MSVOA_U
ClientSampleId : F9W38

Tgt Ion:164 Resp: 8596

Ion	Ratio	Lower	Upper
164	100		
129	92.1	70.3	130.5
131	72.6	64.5	119.9
166	117.7	92.3	171.5

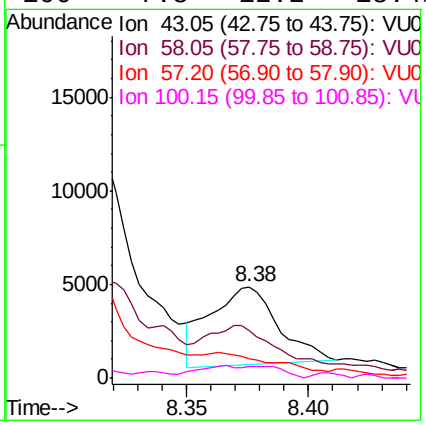


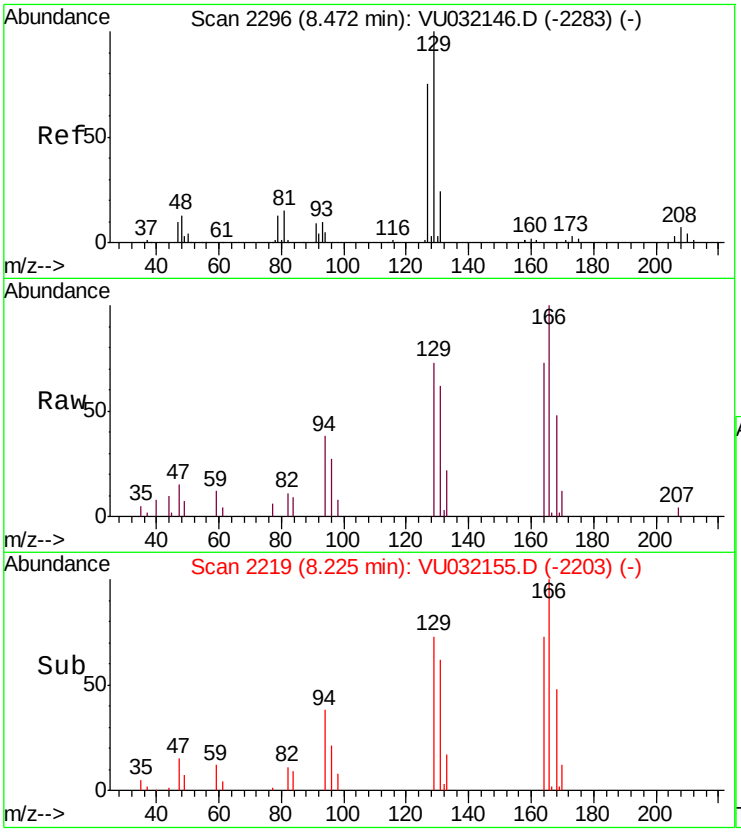


#48
2-Hexanone
Concen: 1.622 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.01 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Tgt Ion: 43 Resp: 8146

Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.6	77.4#
57	0.0	18.4	27.6#
100	7.8	12.2	18.4#



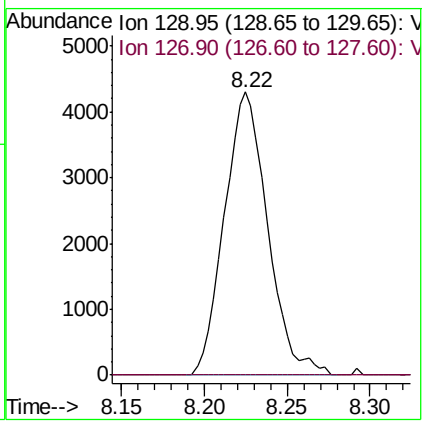


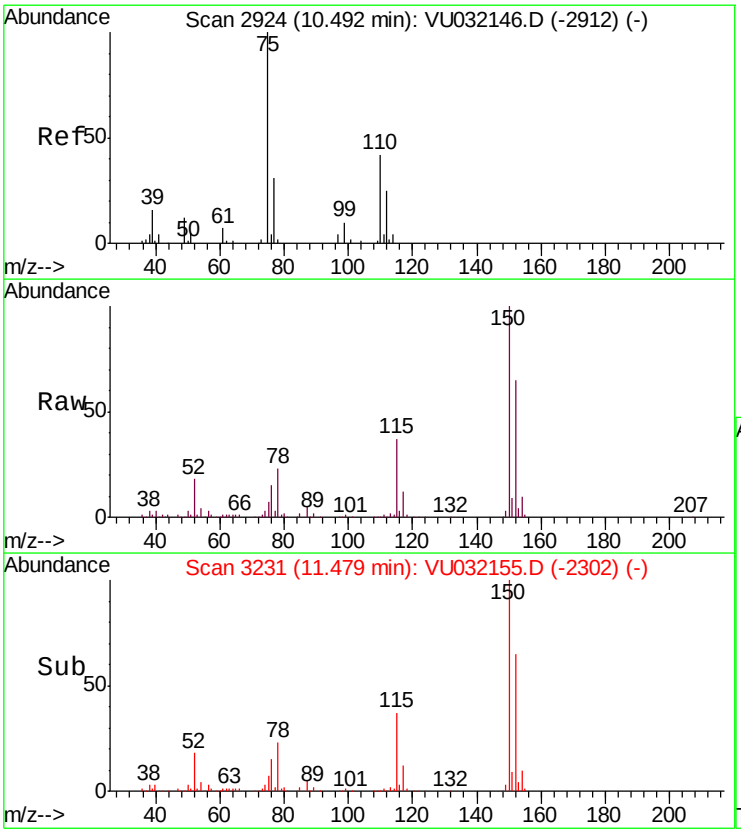
#49
Dibromochloromethane
Concen: 0.656 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
F9W38

Tgt Ion:129 Resp: 7803

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.681 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032155.D
Acq: 20 May 2019 15:17

Tgt Ion: 75 Resp: 14913

Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.2	39.2