Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032135.D
Acq On : 18 May 2019 06:16
Operator : JC/SP
Sample : K2860-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W37

Quant Time: May 20 04:59:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	348584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	352343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142307	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	107370	3.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.00%			
7) Chloroethane-d5	1.68	69	94159	3.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.00%			
11) 1,1-Dichloroethene-d2	2.27	63	152947	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.20	46	230614	40.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.00%			
24) Chloroform-d	4.64	84	215268	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.31	65	110976	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
32) Benzene-d6	5.33	84	432155	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.40%			
36) 1,2-Dichloropropane-d6	6.32	67	128240	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.60%			
41) Toluene-d8	7.56	98	353174	3.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.60%			
43) trans-1,3-Dichloropropene-	7.85	79	40604	3.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.80%			
46) 2-Hexanone-d5	8.31	63	199050	38.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.94%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109298	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	136172	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3417	0.204	ug/L	94
13) Acetone	2.33	43	52436	27.707	ug/L	97
15) Methyl Acetate	2.48	43	2509	0.462	ug/L #	43
22) cis-1,2-Dichloroethene	4.22	96	1766	0.120	ug/L	76
27) 1,2-Dichloroethane	5.33	62	2283	0.156	ug/L #	73
34) Trichloroethene	6.18	95	23540	1.604	ug/L	88
35) Methylcyclohexane	6.32	83	31803	1.505	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13738	1.039	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3055	0.167	ug/L #	74
42) Toluene	7.64	91	9396	0.166	ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	1779	0.125	ug/L #	73
47) Tetrachloroethene	8.22	164	25544	2.328	ug/L	90
48) 2-Hexanone	8.37	43	10295	2.164	ug/L #	85
49) Dibromochloromethane	8.22	129	23672	2.102	ug/L #	10
59) 1,2,3-Trichloropropane	10.21	75	1309	0.156	ug/L #	42

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032135.D
Acq On : 18 May 2019 06:16
Operator : JC/SP
Sample : K2860-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W37

Quant Time: May 20 04:59:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 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\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032135.D
Acq On : 18 May 2019 06:16
Operator : JC/SP
Sample : K2860-10
Misc : 25.0mL/MSVOA_U/WATER
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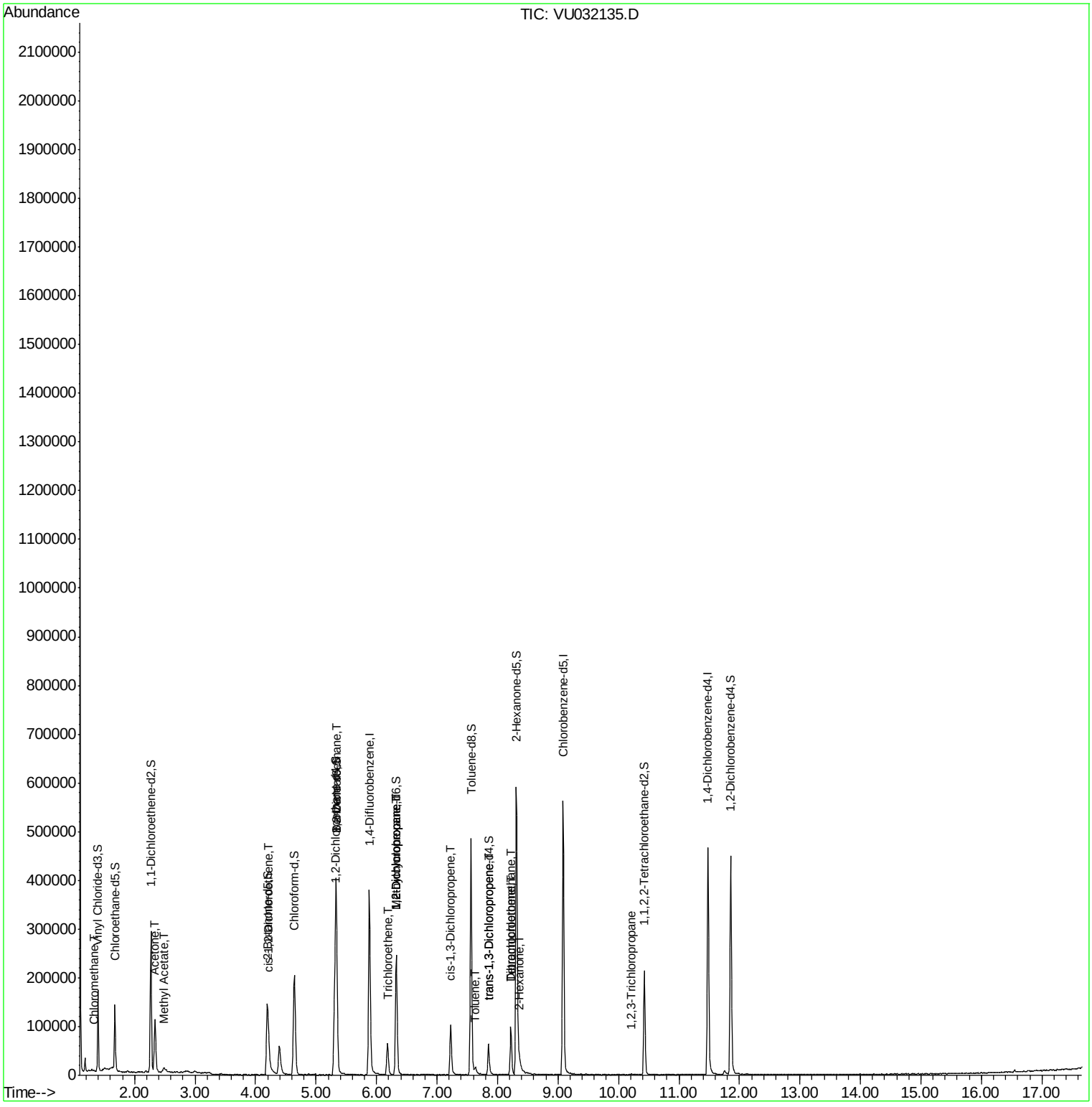
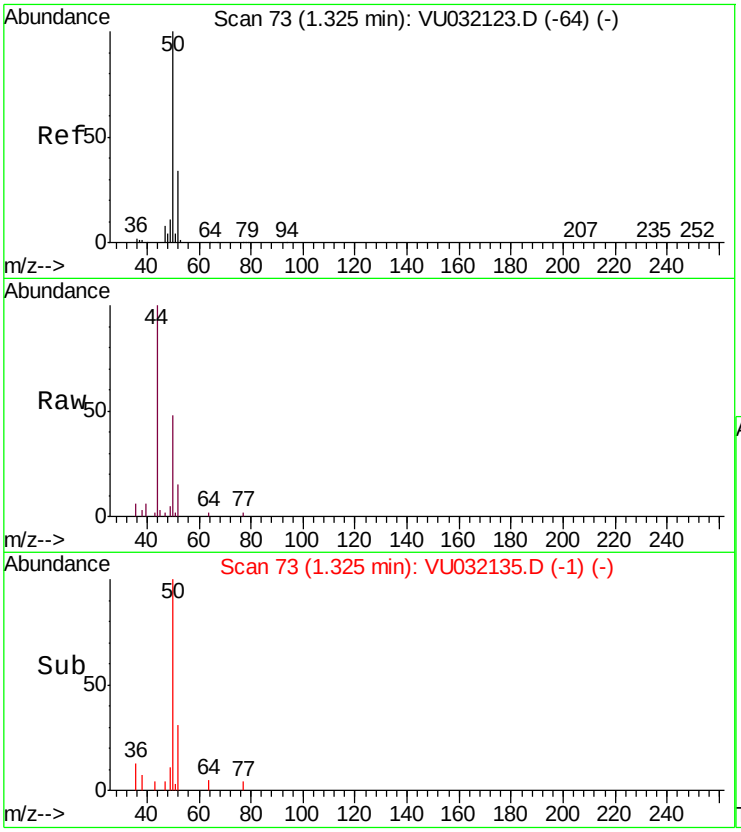
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration



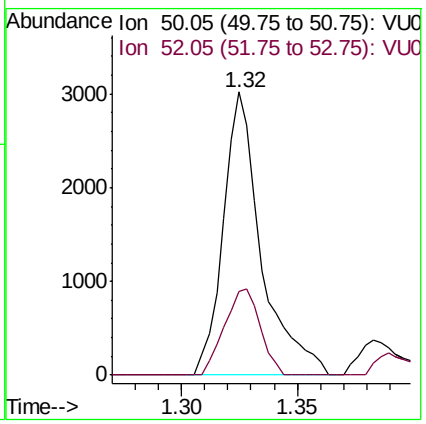


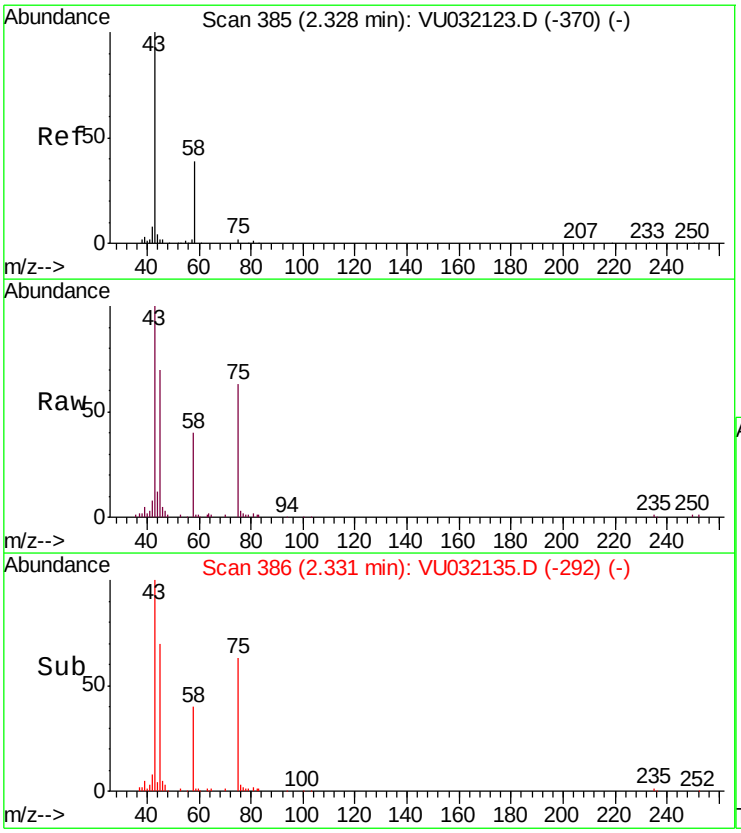
#3
Chloromethane
Concen: 0.204 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Instrument :
MSVOA_U
ClientSampleId :
F9W37

Tgt Ion: 50 Resp: 3417

Ion	Ratio	Lower	Upper
50	100		
52	29.7	23.2	43.0

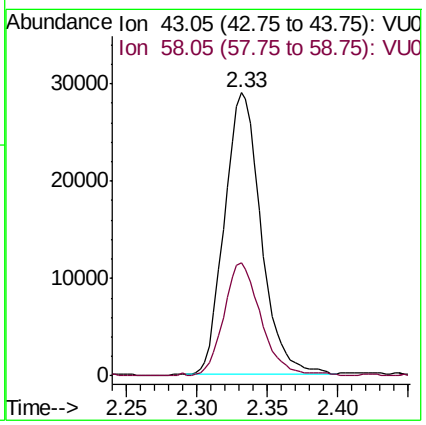


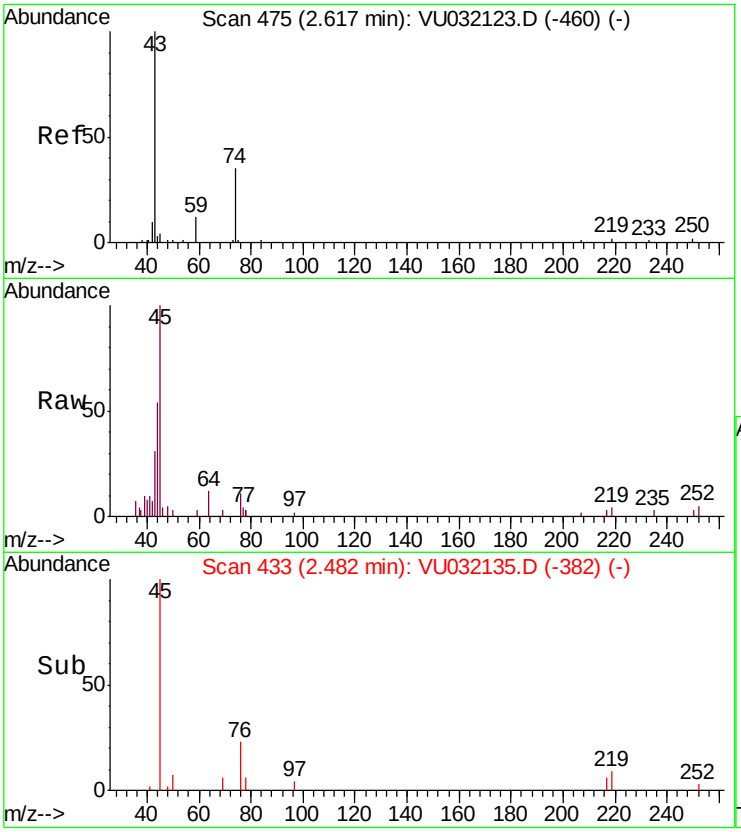


#13
Acetone
Concen: 27.707 ug/L
RT: 2.33 min Scan# 386
Delta R.T. 0.00 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Tgt Ion: 43 Resp: 52436

Ion	Ratio	Lower	Upper
43	100		
58	41.0	0.0	78.8



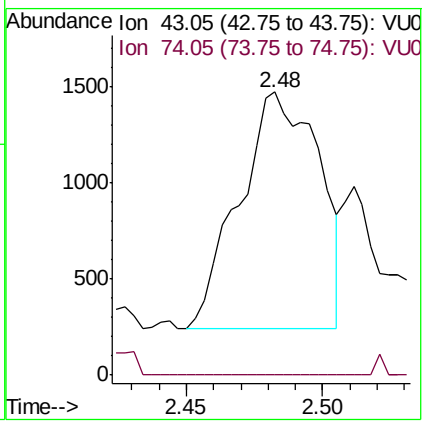


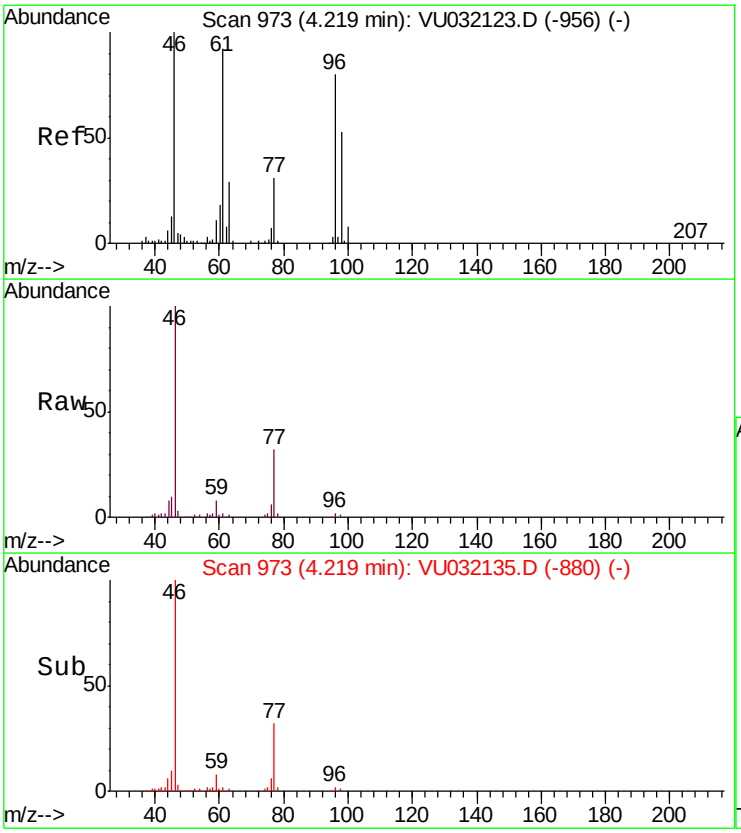
#15
Methyl Acetate
Concen: 0.462 ug/L
RT: 2.48 min Scan# 433
Delta R.T. -0.14 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Instrument : MSVOA_U
ClientSampleId : F9W37

Tgt Ion: 43 Resp: 2509

Ion	Ratio	Lower	Upper
43	100		
74	0.9	26.4	39.6#

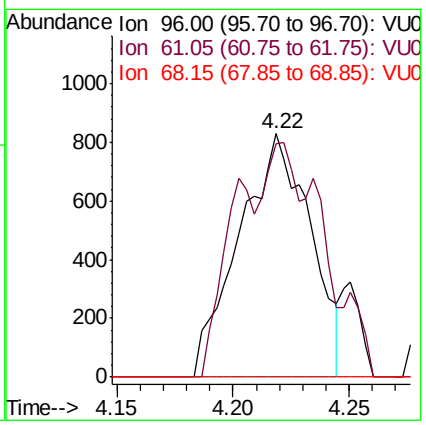


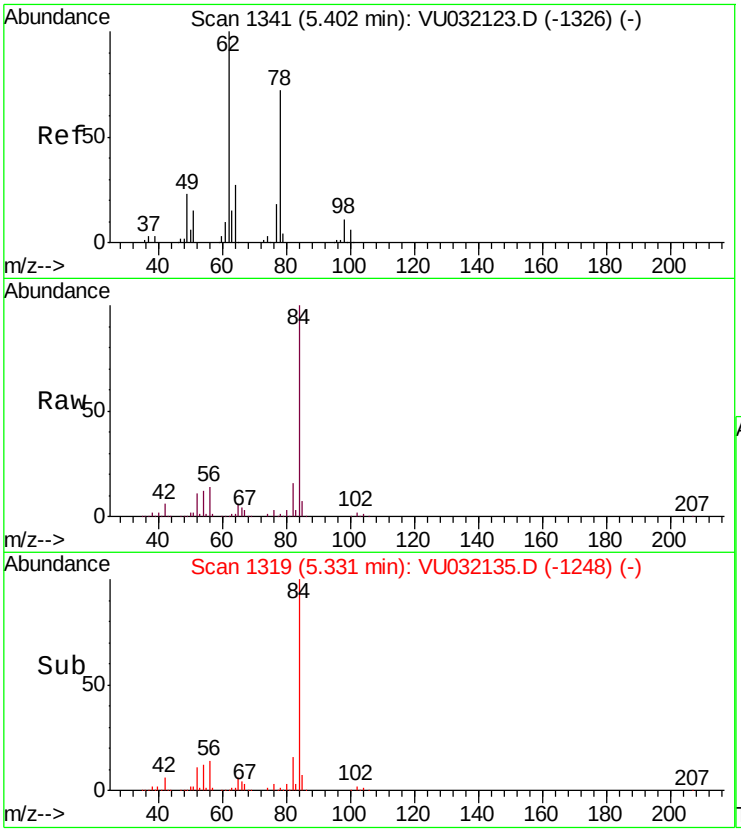


#22
cis-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Tgt Ion: 96 Resp: 1766

Ion	Ratio	Lower	Upper
96	100		
61	95.7	85.8	159.4
68	0.0	0.0	0.0



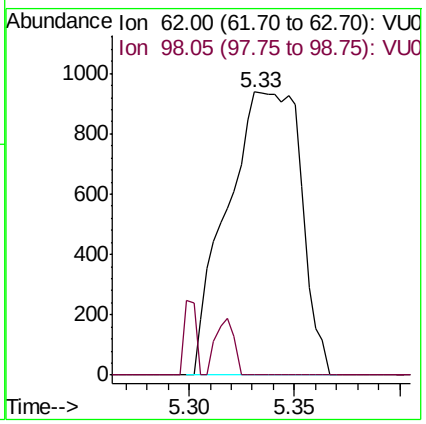


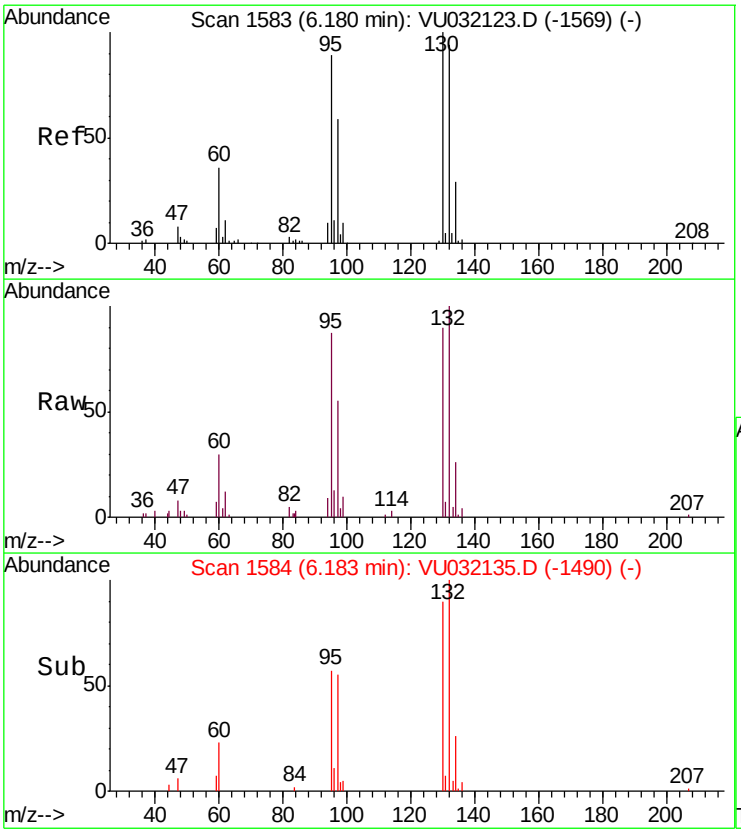
#27
1,2-Dichloroethane
Concen: 0.156 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.07 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Instrument : MSVOA_U
ClientSampleId : F9W37

Tgt Ion: 62 Resp: 2283

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#

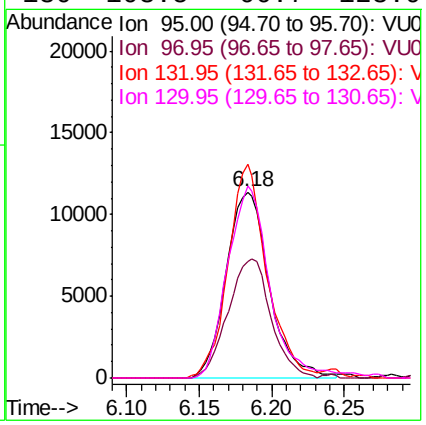


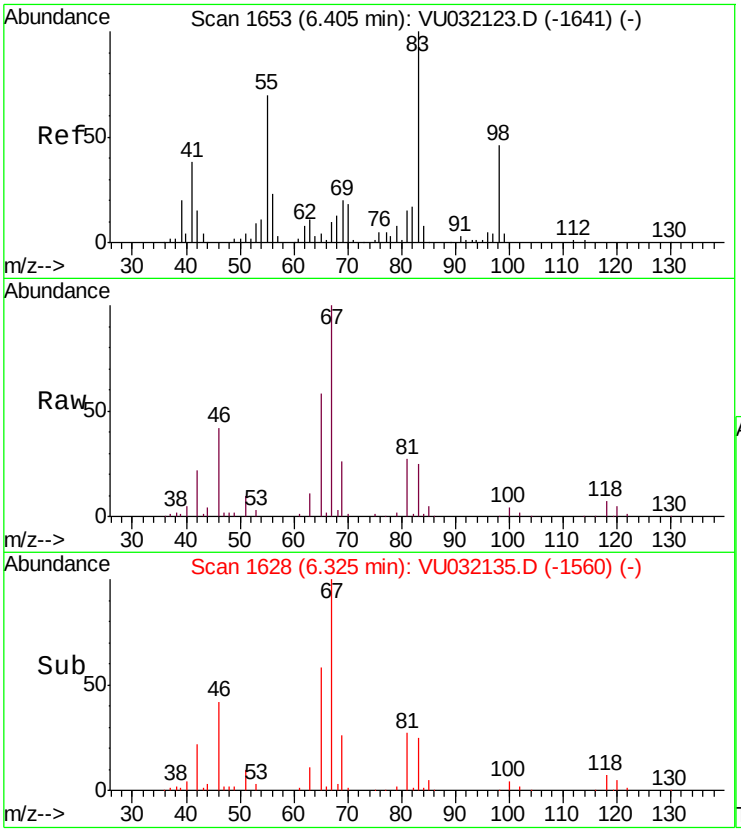


#34
Trichloroethene
Concen: 1.604 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Tgt Ion: 95 Resp: 23540

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.2	84.0
132	114.8	66.1	122.7
130	103.5	66.7	123.9



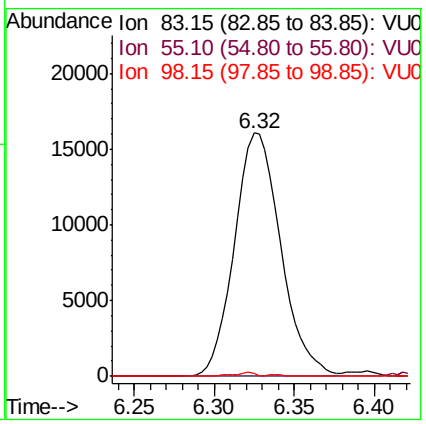


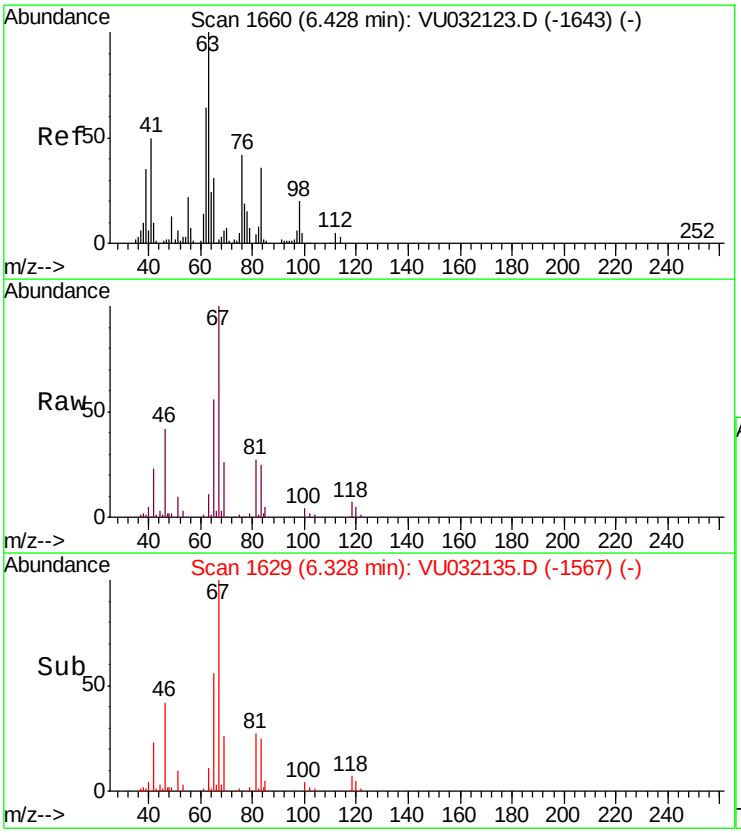
#35
Methylcyclohexane
Concen: 1.505 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Instrument : MSVOA_U
ClientSampleId : F9W37

Tgt Ion: 83 Resp: 31803

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.7	89.5#
98	0.7	36.8	55.2#

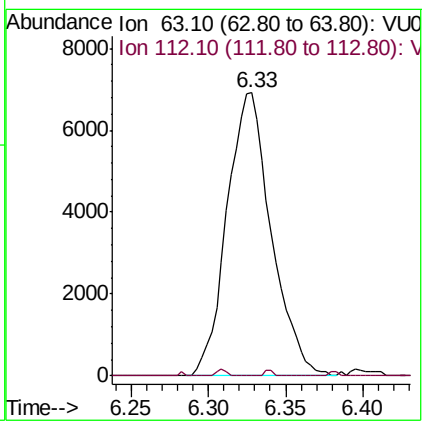


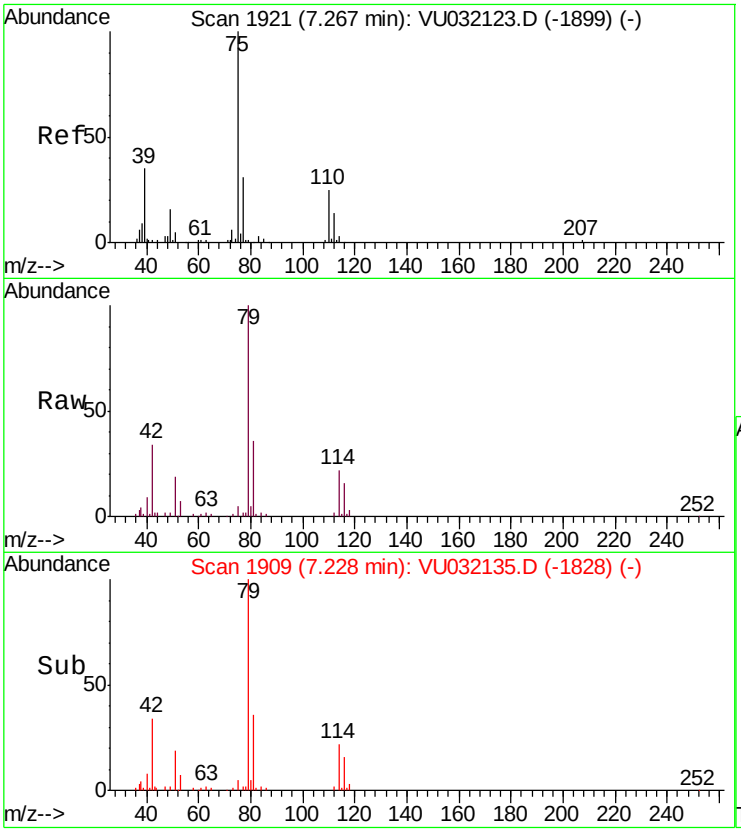


#37
1,2-Dichloropropane
Concen: 1.039 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Tgt Ion: 63 Resp: 13738

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.6#



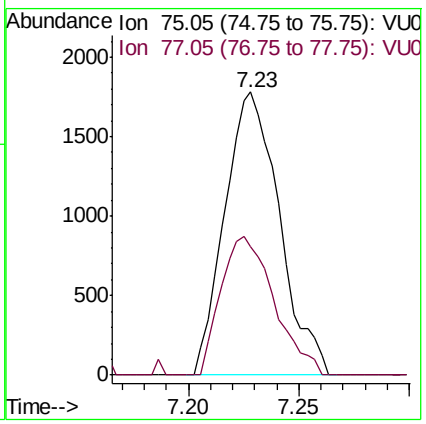


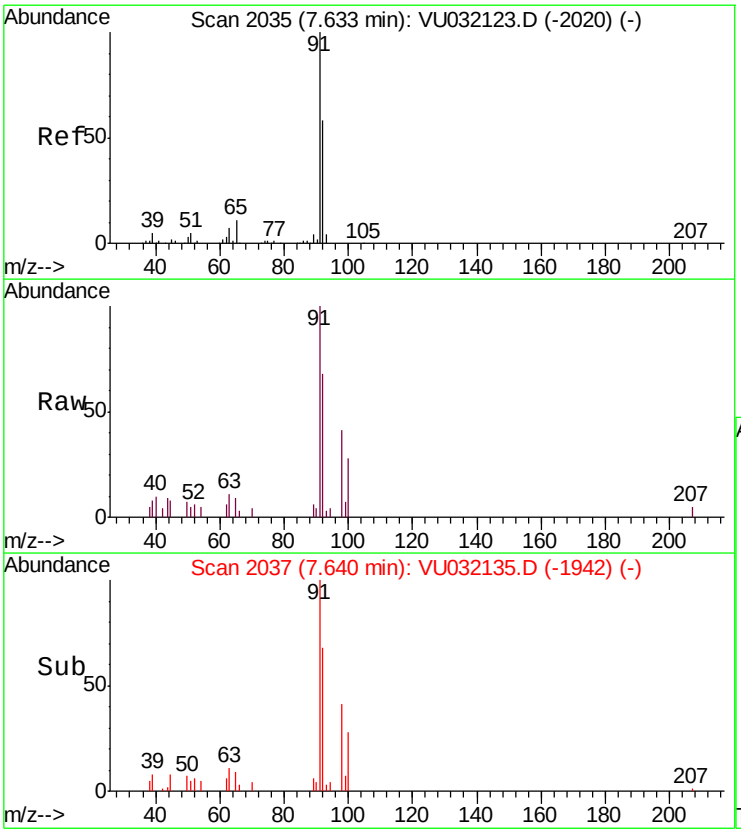
#39
cis-1,3-Dichloropropene
Concen: 0.167 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Instrument : MSVOA_U
ClientSampleId : F9W37

Tgt Ion: 75 Resp: 3055

Ion	Ratio	Lower	Upper
75	100		
77	45.3	21.7	40.3#

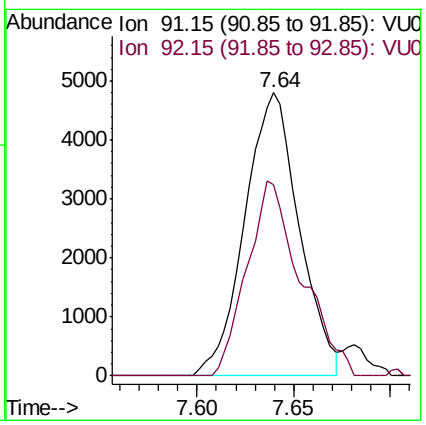


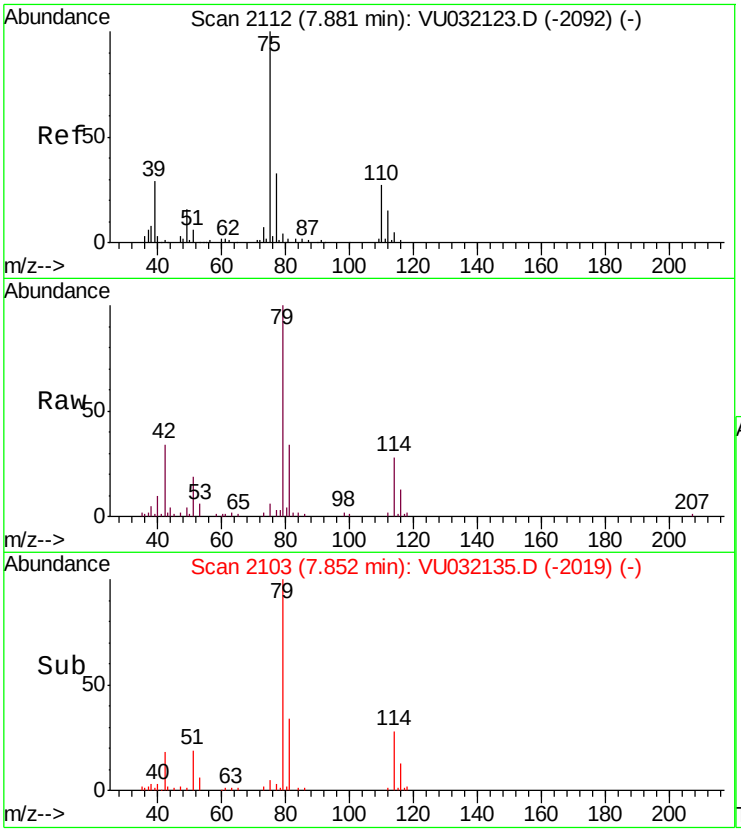


#42
Toluene
Concen: 0.166 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Tgt Ion: 91 Resp: 9396

Ion	Ratio	Lower	Upper
91	100		
92	67.6	40.2	74.6



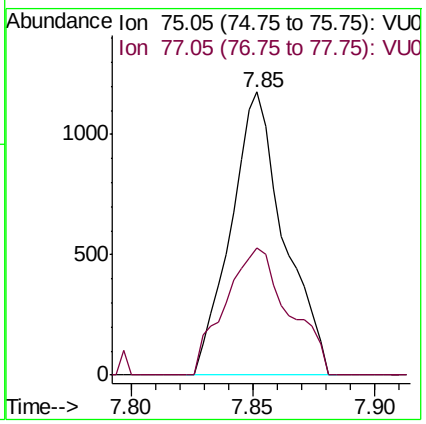


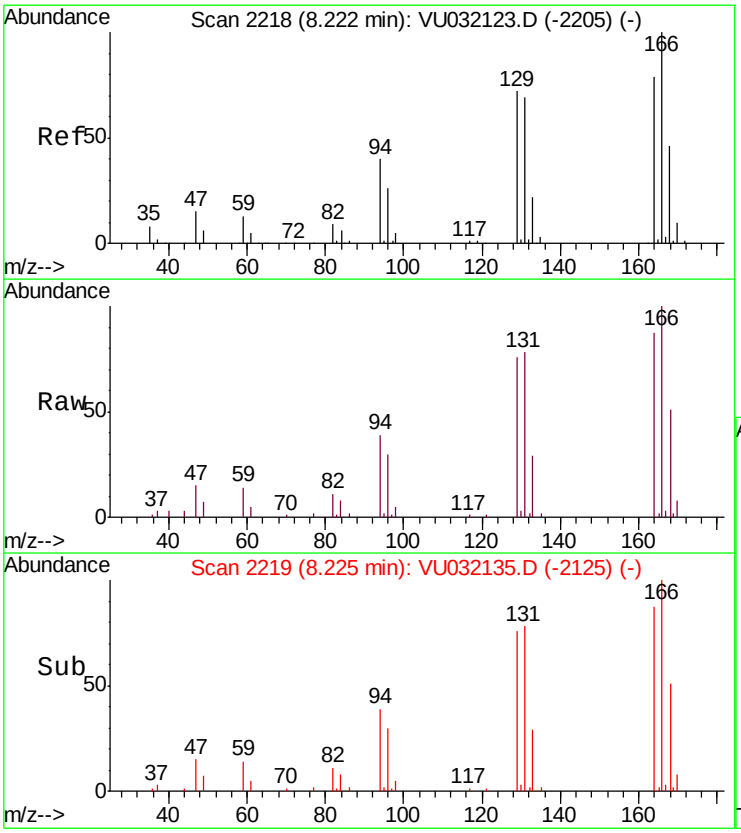
#44
trans-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Instrument : MSVOA_U
ClientSampleId : F9W37

Tgt Ion: 75 Resp: 1779

Ion	Ratio	Lower	Upper
75	100		
77	44.9	21.0	39.0#

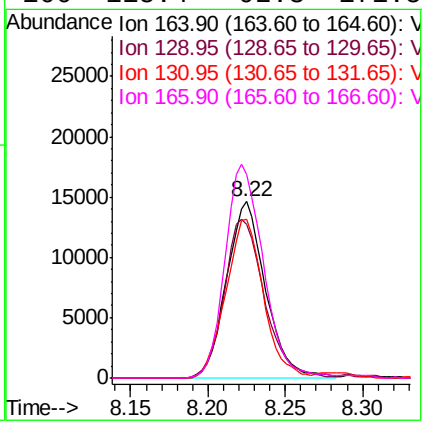


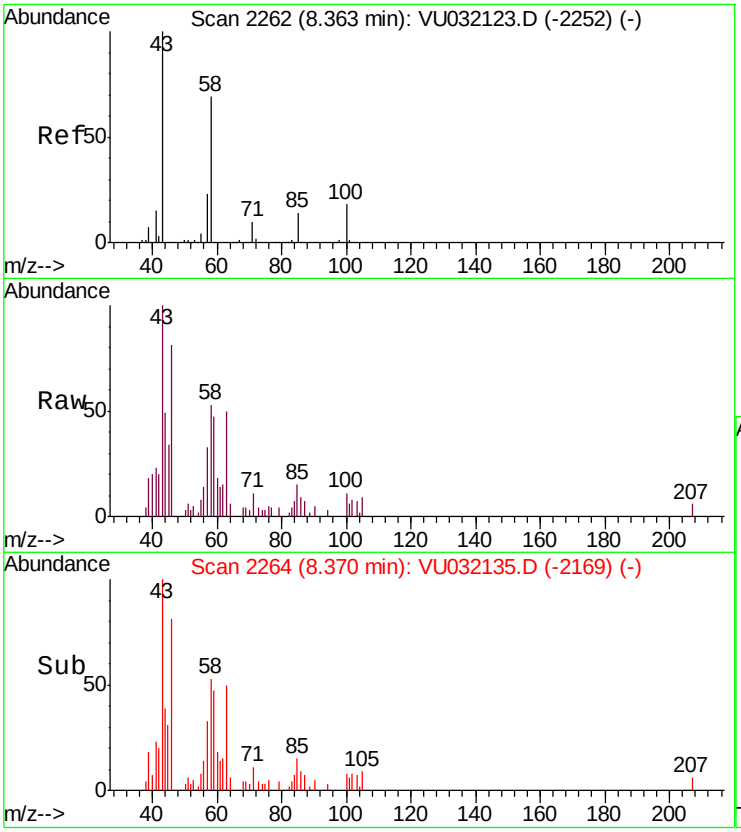


#47
Tetrachloroethene
Concen: 2.328 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Tgt Ion:164 Resp: 25544

Ion	Ratio	Lower	Upper
164	100		
129	87.3	70.3	130.5
131	90.4	64.5	119.9
166	115.4	92.3	171.5



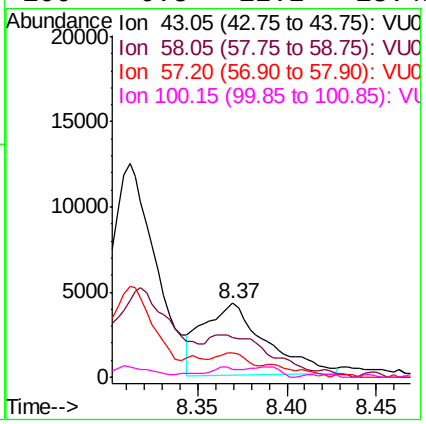


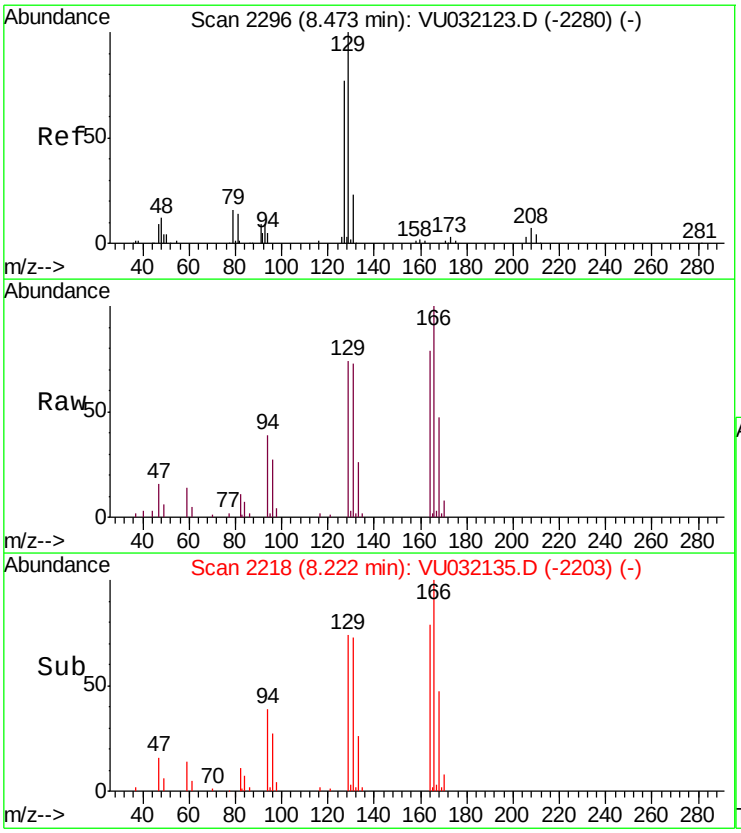
#48
2-Hexanone
Concen: 2.164 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Instrument : MSVOA_U
ClientSampleId : F9W37

Tgt Ion: 43 Resp: 10295

Ion	Ratio	Lower	Upper
43	100		
58	50.5	51.6	77.4#
57	20.9	18.4	27.6
100	6.3	12.2	18.4#

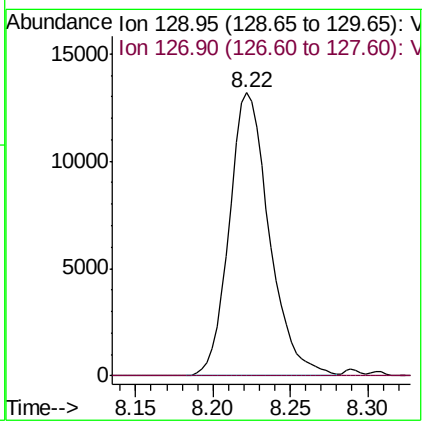


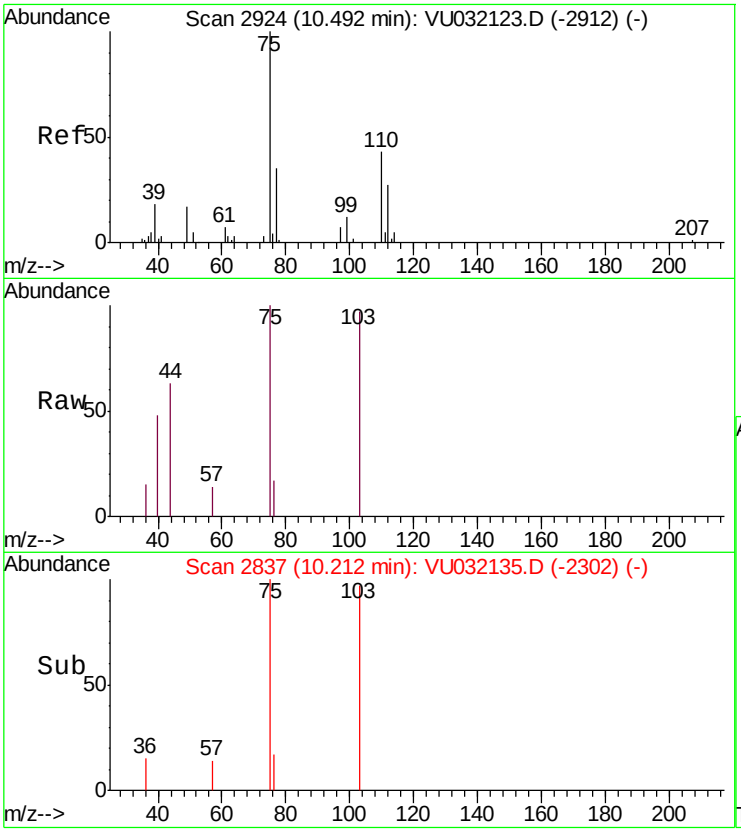


#49
Dibromochloromethane
Concen: 2.102 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Tgt Ion:129 Resp: 23672

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 0.156 ug/L
RT: 10.21 min Scan# 2837
Delta R.T. -0.28 min
Lab File: VU032135.D
Acq: 18 May 2019 06:16

Instrument :
MSVOA_U
ClientSampleId :
F9W37

Tgt Ion: 75 Resp: 1309

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#