Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

Quantitation Report (Not Reviewed)

Data File : VU032518.D
Acq On : 07 Jun 2019 00:13
Operator : JC/SP
Sample : K3215-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K4

Quant Time: Jun 07 07:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204198	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.08	117	190925	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97678	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	39332	29.69	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 59.38%#				
7) Chloroethane-d5	1.68	69	37186	34.93	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 69.86%#				
11) 1,1-Dichloroethene-d2	2.27	63	65889	25.40	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 50.80%#				
21) 2-Butanone-d5	4.17	46	108921	98.24	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.24%				
24) Chloroform-d	4.64	84	104081	42.12	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.24%				
26) 1,2-Dichloroethane-d4	5.30	65	71856	46.16	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.32%				
32) Benzene-d6	5.33	84	212433	42.86	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.72%				
36) 1,2-Dichloropropane-d6	6.32	67	71380	45.93	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.86%				
41) Toluene-d8	7.56	98	198168	42.17	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.34%				
43) trans-1,3-Dichloropropene-	7.85	79	31610	42.50	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.00%				
47) 2-Hexanone-d5	8.31	63	69196	91.79	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.79%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108193	48.04	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.08%				
64) 1,2-Dichlorobenzene-d4	11.85	152	89954	48.08	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.16%				
Target Compounds							Qvalue
13) Acetone	2.32	43	1421	1.242	ug/L		86
20) cis-1,2-Dichloroethene	4.22	96	13534	9.108	ug/L		95
27) 1,2-Dichloroethane	5.34	62	1204	0.617	ug/L	#	75
34) Trichloroethene	6.18	95	18874	12.932	ug/L		98
37) 1,2-Dichloropropane	6.32	63	7828	5.505	ug/L	#	88
39) cis-1,3-Dichloropropene	7.22	75	2159	0.962	ug/L	#	72
44) trans-1,3-Dichloropropene	7.85	75	1364	0.685	ug/L		98
45) 1,1,2-Trichloroethane	8.22	97	1145	0.851	ug/L	#	6
46) Tetrachloroethene	8.22	164	142217	117.985	ug/L		99
48) 2-Hexanone	8.36	43	5310	2.826	ug/L	#	93
51) Chlorobenzene	9.12	112	14680	3.878	ug/L		97
56) Isopropylbenzene	10.17	105	2859	0.439	ug/L	#	88
59) 1,2,3-Trichloropropane	11.48	75	12570	6.800	ug/L		95
63) 1,4-Dichlorobenzene	11.50	146	3458	1.145	ug/L		91
65) 1,2-Dichlorobenzene	11.87	146	15943	5.336	ug/L		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

Quantitation Report (Not Reviewed)

Data File : VU032518.D
Acq On : 07 Jun 2019 00:13
Operator : JC/SP
Sample : K3215-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K4

Quant Time: Jun 07 07:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 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\VU060619\

Quantitation Report (Not Reviewed)

Data File : VU032518.D
Acq On : 07 Jun 2019 00:13
Operator : JC/SP
Sample : K3215-14
Misc : 5.0mL/MSVOA_U/WATER
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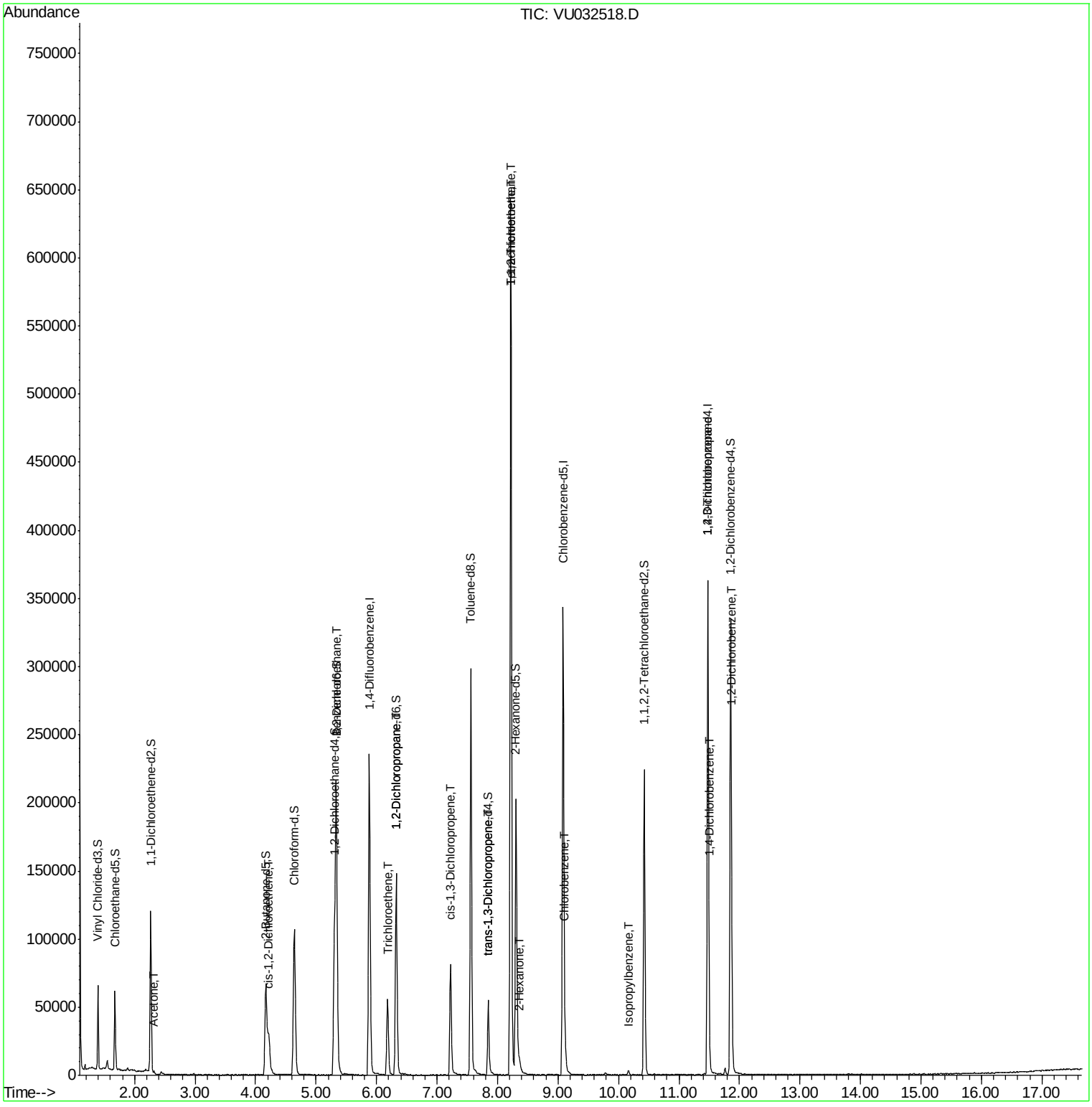
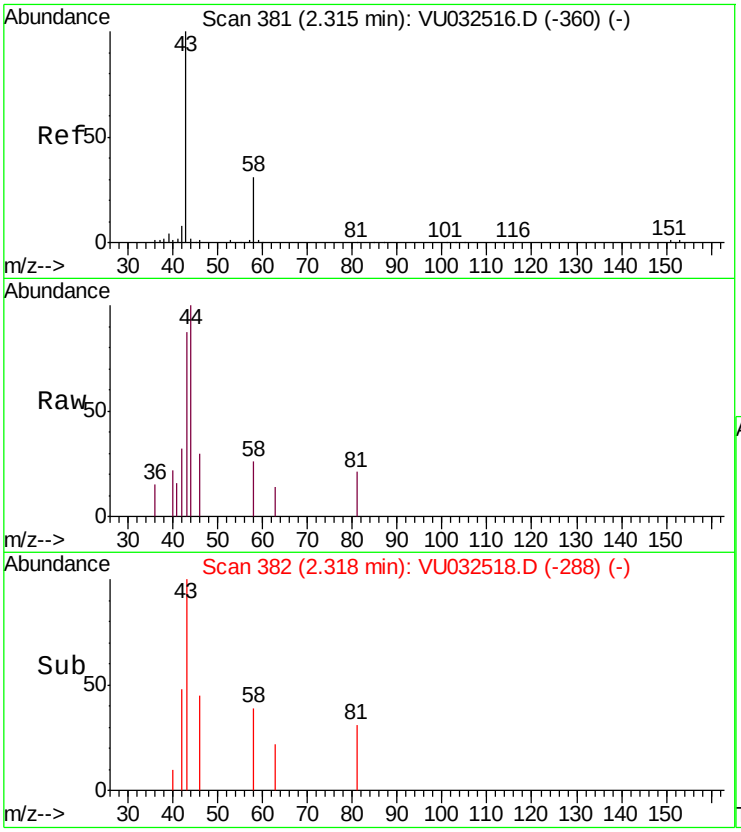
Quant Time: Jun 07 07:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration



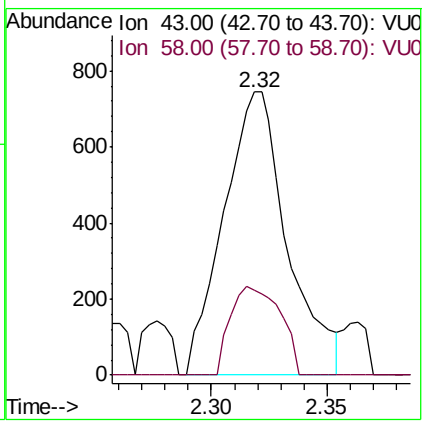


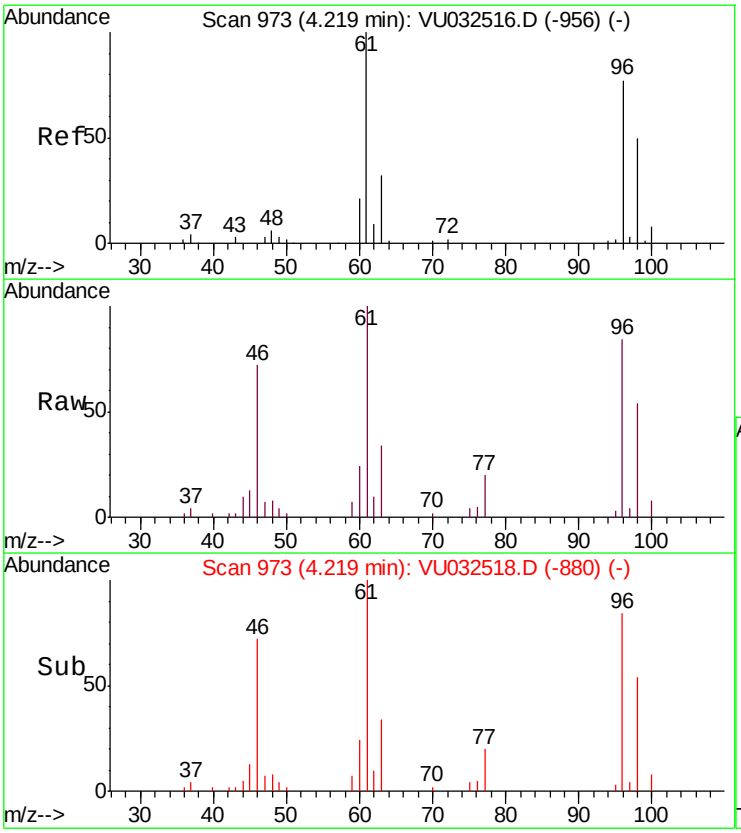
#13
Acetone
Concen: 1.242 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Instrument : MSVOA_U
ClientSampleId : DB8K4

Tgt Ion: 43 Resp: 1421

Ion	Ratio	Lower	Upper
43	100		
58	24.3	0.0	64.0

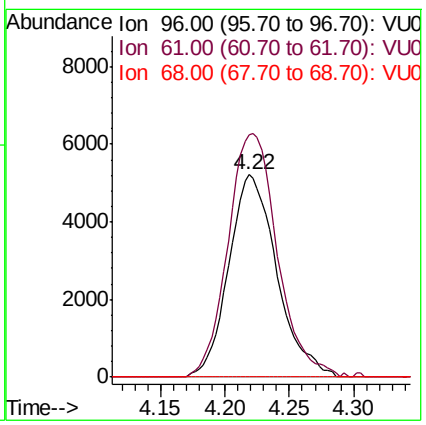


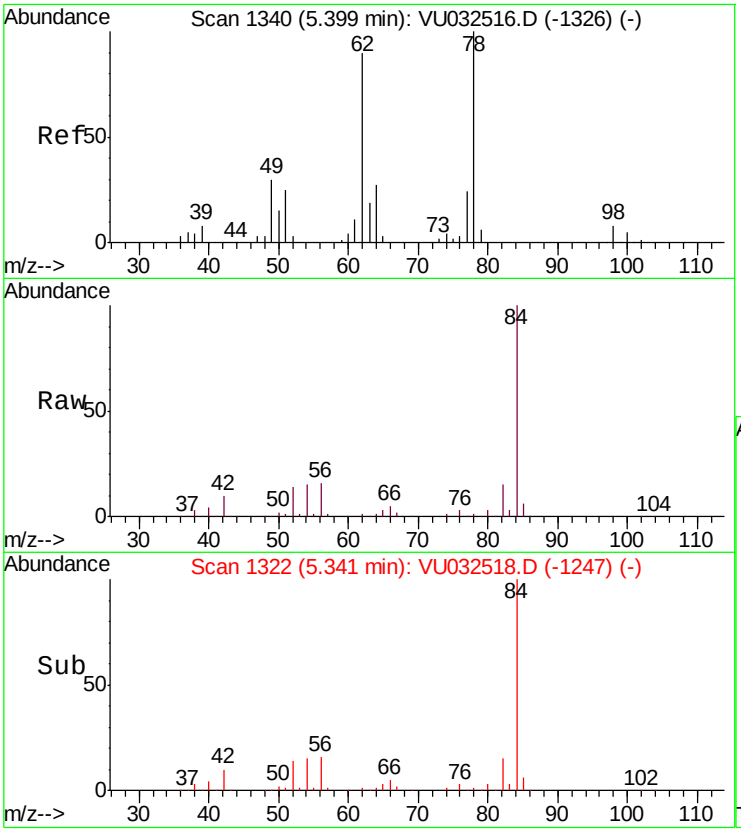


#20
cis-1,2-Dichloroethene
Concen: 9.108 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Tgt Ion: 96 Resp: 13534

Ion	Ratio	Lower	Upper
96	100		
61	119.4	87.2	162.0
68	0.0	0.0	0.0



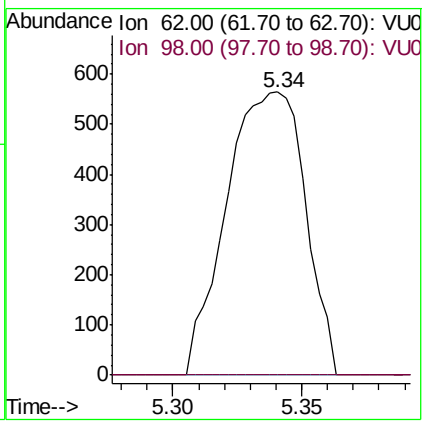


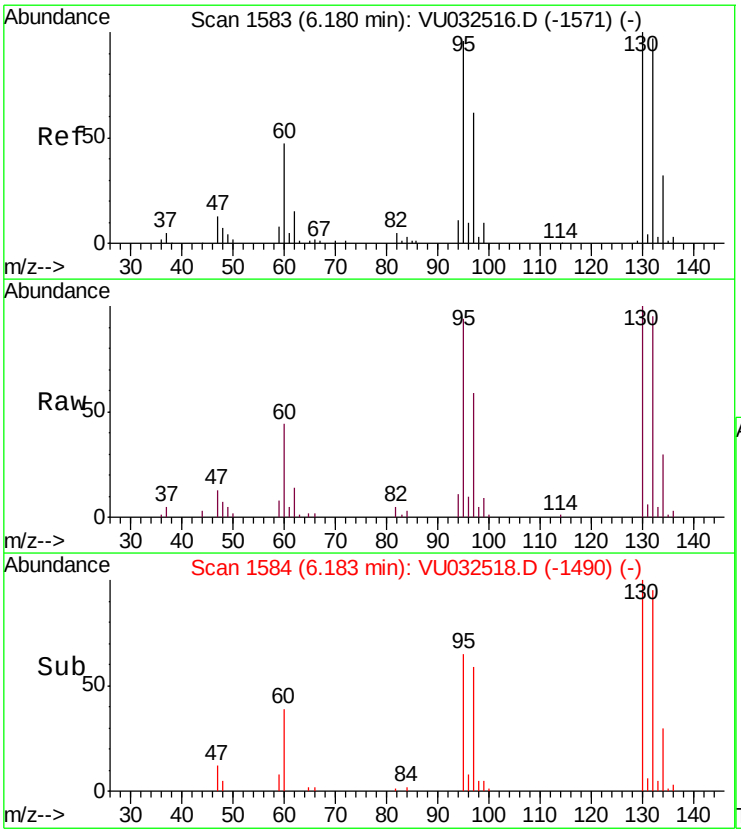
#27
1,2-Dichloroethane
Concen: 0.617 ug/L
RT: 5.34 min Scan# 1322
Delta R.T. -0.06 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Instrument : MSVOA_U
ClientSampleId : DB8K4

Tgt Ion: 62 Resp: 1204

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

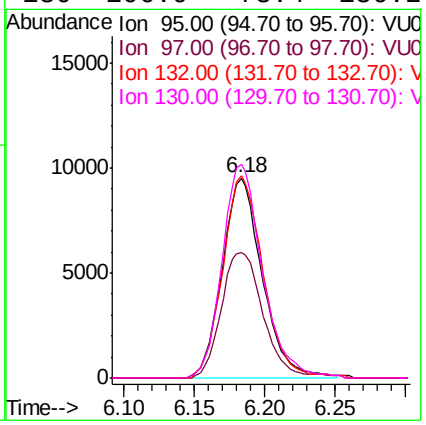


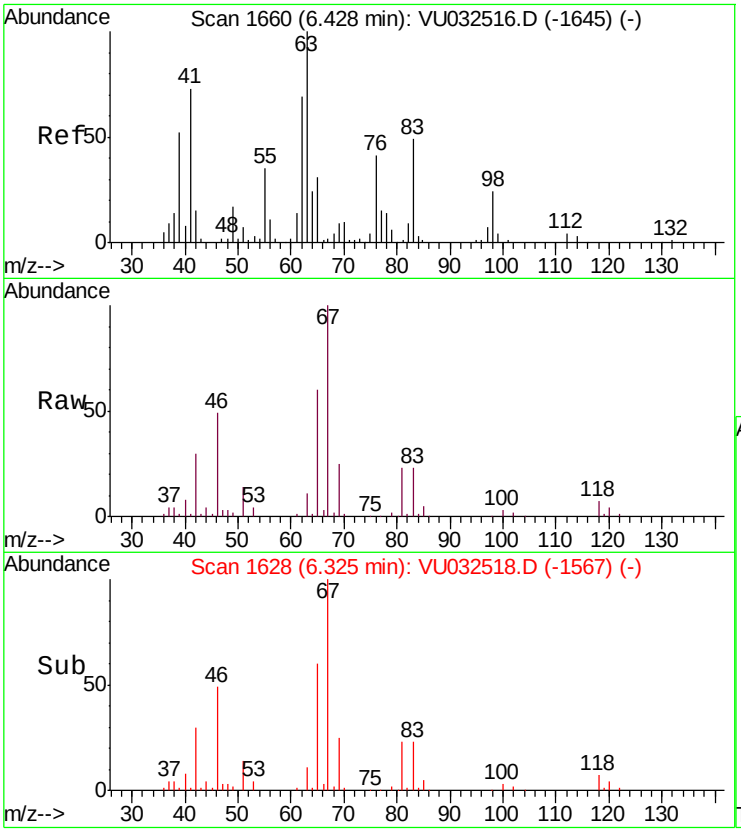


#34
Trichloroethene
Concen: 12.932 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Tgt Ion: 95 Resp: 18874

Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.8	85.2
132	101.1	71.0	131.8
130	106.9	73.4	136.2



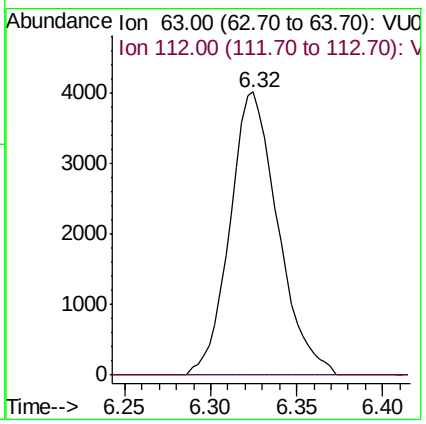


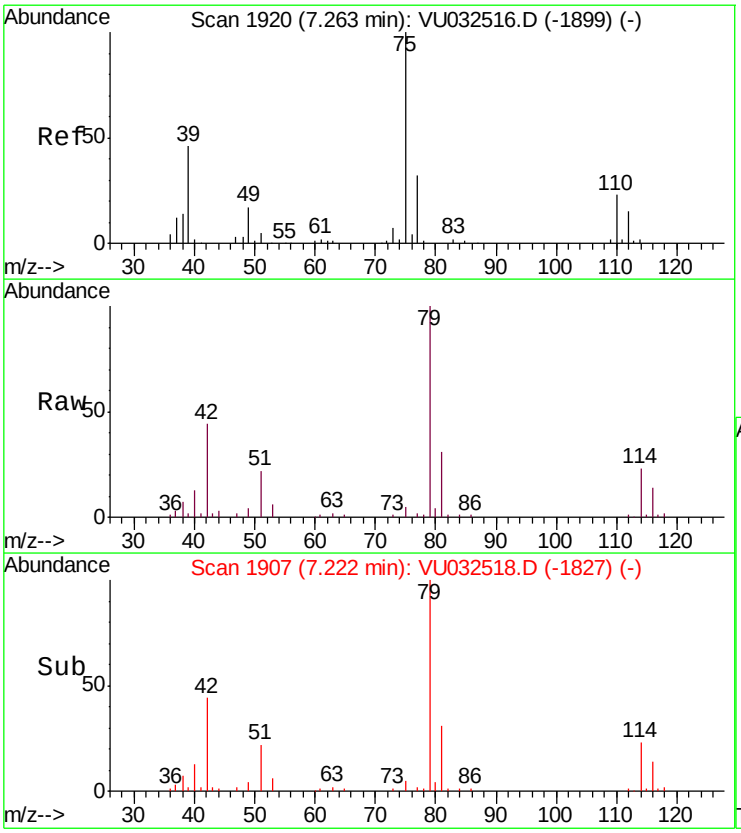
#37
1,2-Dichloropropane
Concen: 5.505 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Instrument : MSVOA_U
ClientSampleId : DB8K4

Tgt Ion: 63 Resp: 7828

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

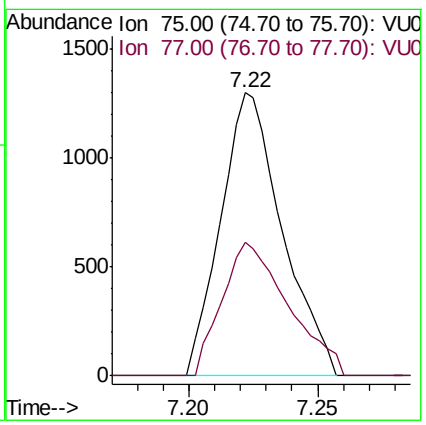


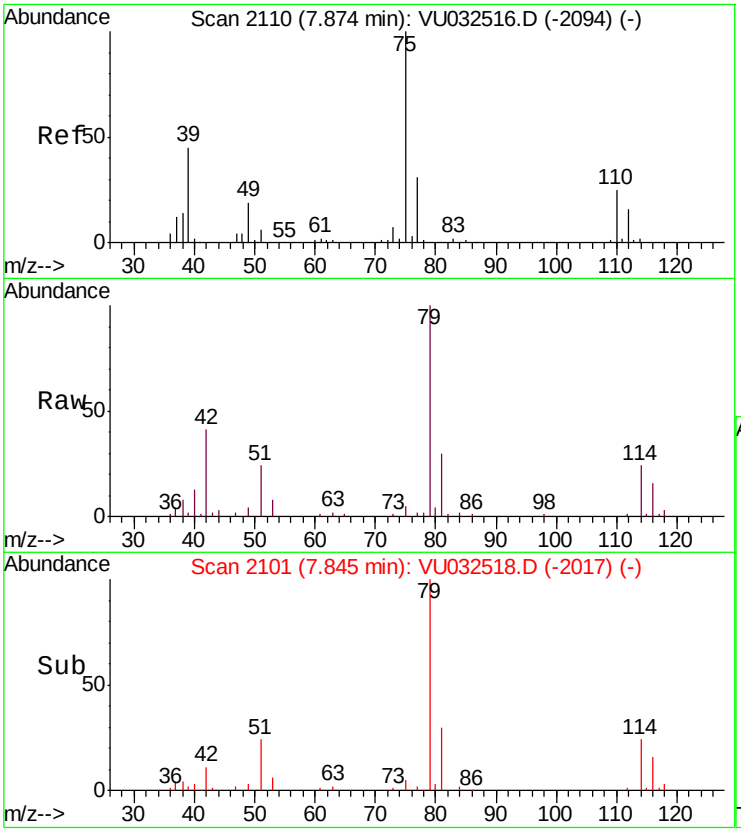


#39
cis-1,3-Dichloropropene
Concen: 0.962 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Tgt Ion: 75 Resp: 2159

Ion	Ratio	Lower	Upper
75	100		
77	47.0	22.0	41.0#



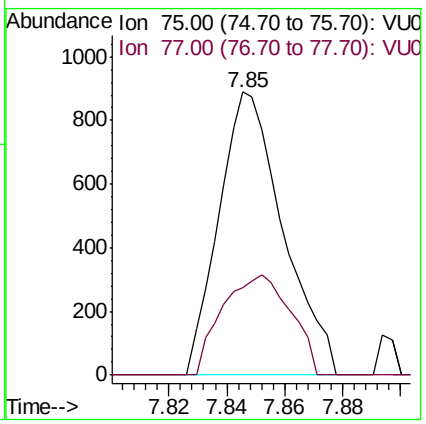


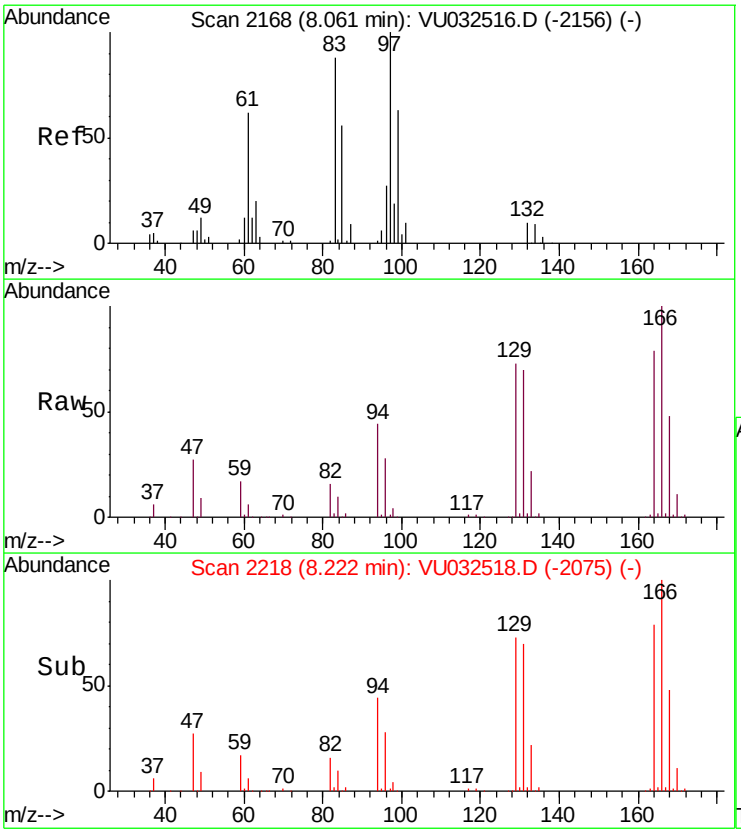
#44
trans-1,3-Dichloropropene
Concen: 0.685 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Instrument :
MSVOA_U
ClientSampleId :
DB8K4

Tgt Ion: 75 Resp: 1364

Ion	Ratio	Lower	Upper
75	100		
77	30.7	22.1	41.1

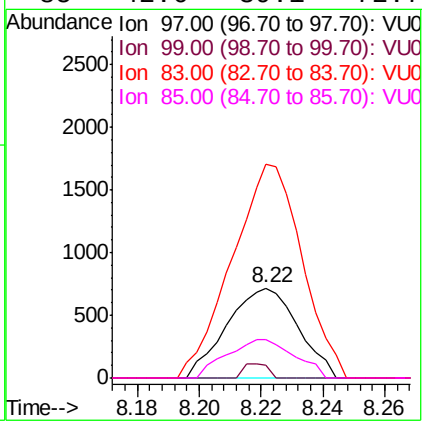


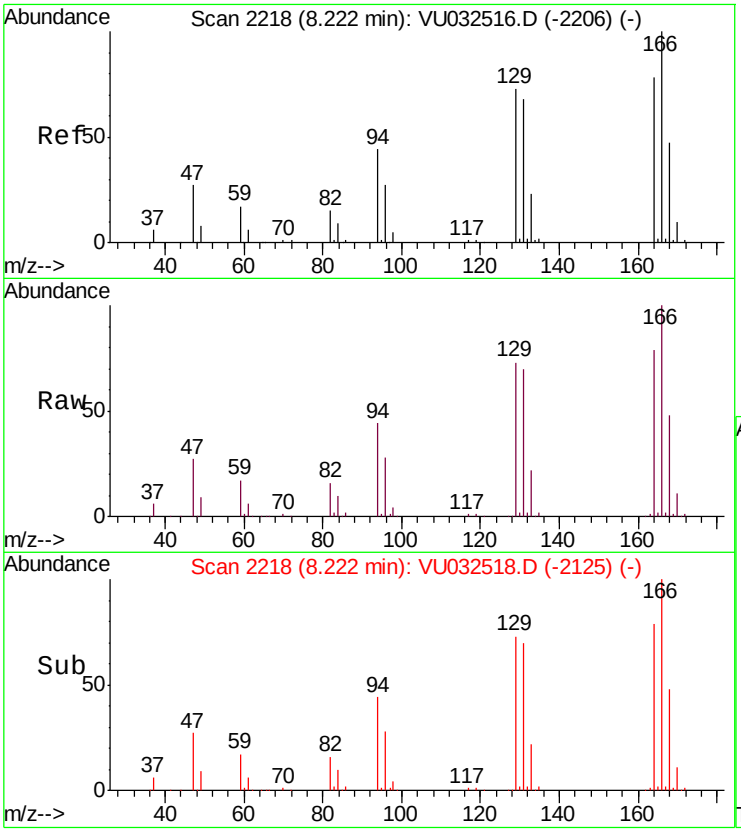


#45
1,1,2-Trichloroethane
Concen: 0.851 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.16 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Tgt Ion: 97 Resp: 1145

Ion	Ratio	Lower	Upper
97	100		
99	14.8	44.1	81.9#
83	237.3	59.4	110.2#
85	42.6	39.1	72.7



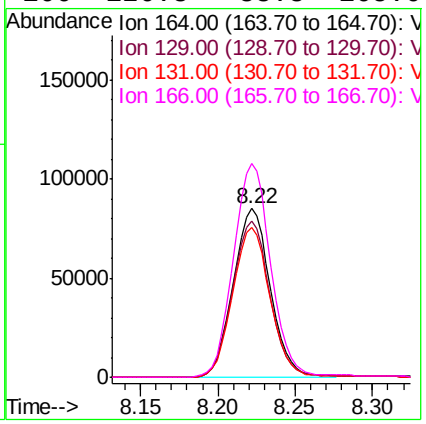


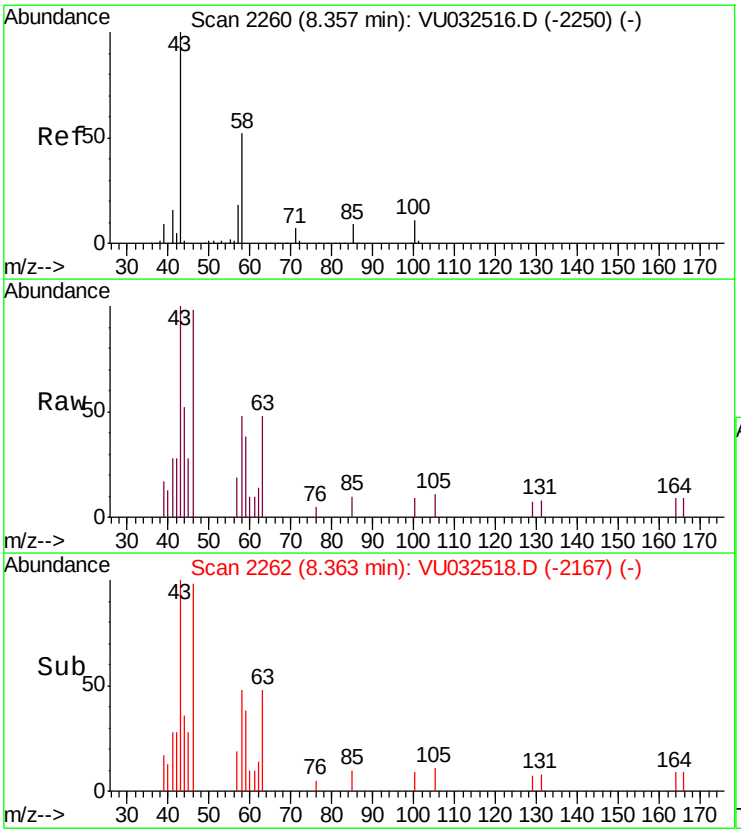
#46
Tetrachloroethene
Concen: 117.985 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Instrument : MSVOA_U
ClientSampleId : DB8K4

Tgt Ion:164 Resp: 142217

Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.3	121.3
131	89.3	64.0	119.0
166	126.8	88.8	165.0

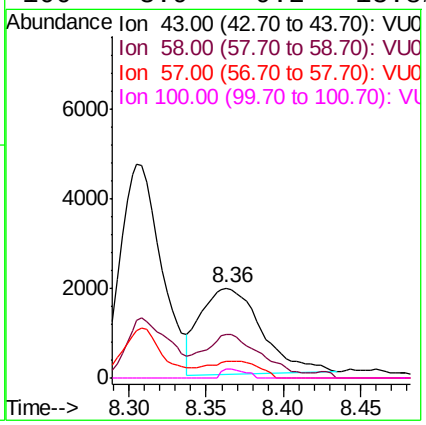


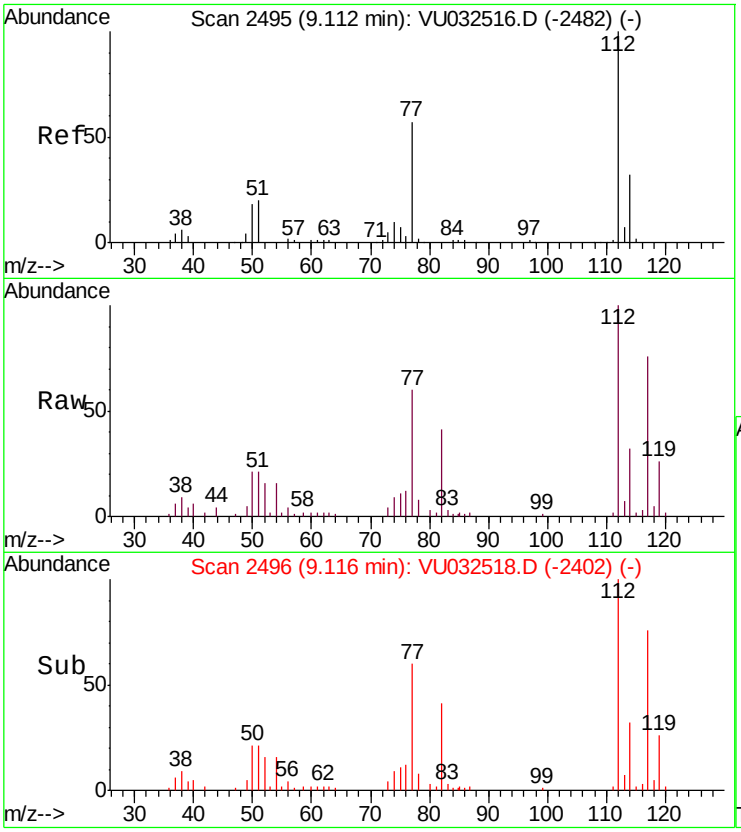


#48
2-Hexanone
Concen: 2.826 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Tgt Ion: 43 Resp: 5310

Ion	Ratio	Lower	Upper
43	100		
58	48.4	42.0	63.0
57	16.7	14.6	22.0
100	3.9	9.2	13.8#



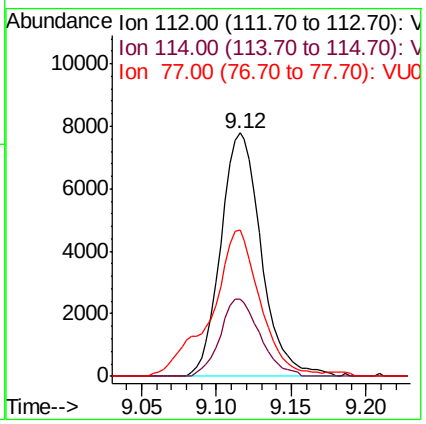


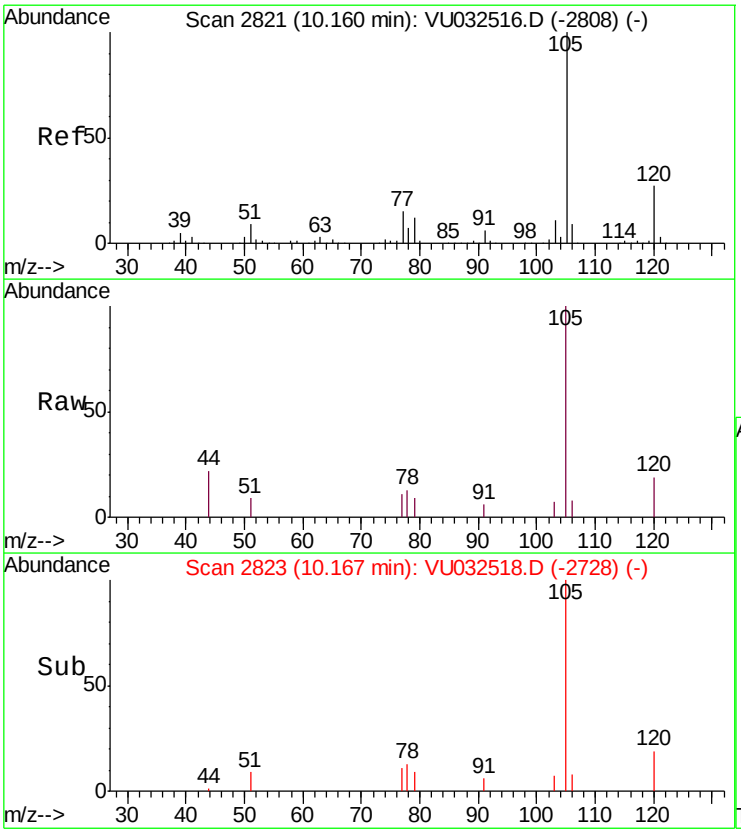
#51
Chlorobenzene
Concen: 3.878 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Instrument : MSVOA_U
ClientSampleId : DB8K4

Tgt Ion:112 Resp: 14680

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.6	42.0
77	60.3	46.1	69.1

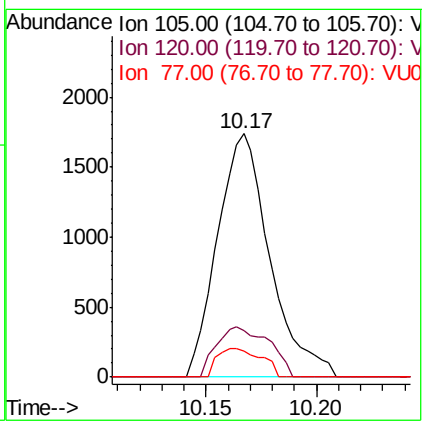


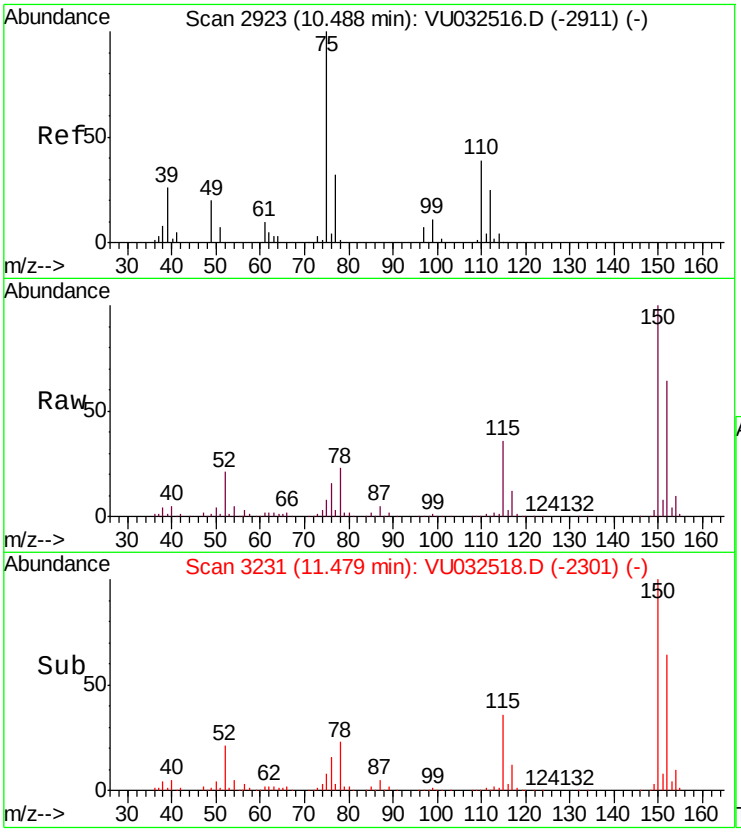


#56
Isopropylbenzene
Concen: 0.439 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.01 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Tgt Ion:105 Resp: 2859

Ion	Ratio	Lower	Upper
105	100		
120	20.8	21.6	32.4#
77	10.0	12.4	18.6#



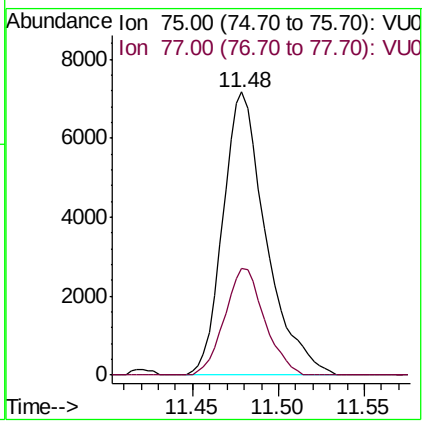


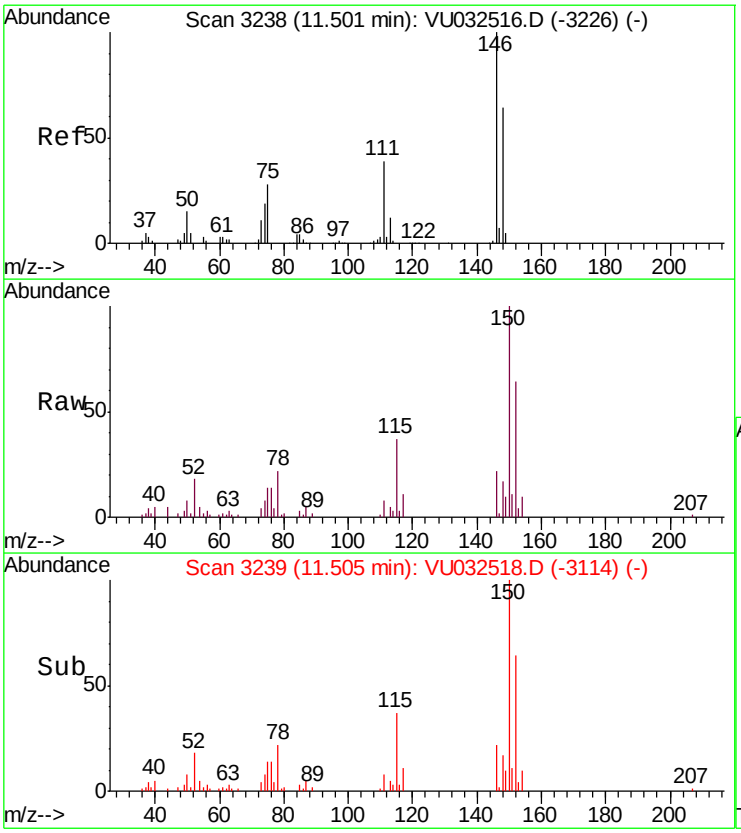
#59
1,2,3-Trichloropropane
Concen: 6.800 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Instrument :
MSVOA_U
ClientSampleId :
DB8K4

Tgt Ion: 75 Resp: 12570

Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.6	38.4

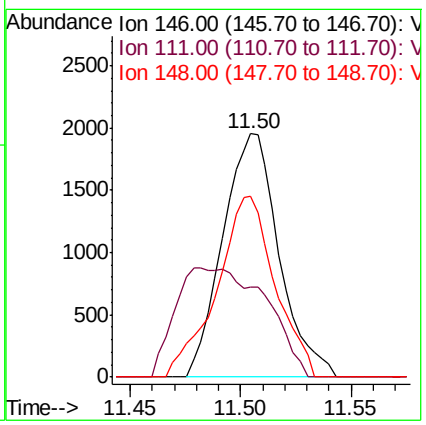


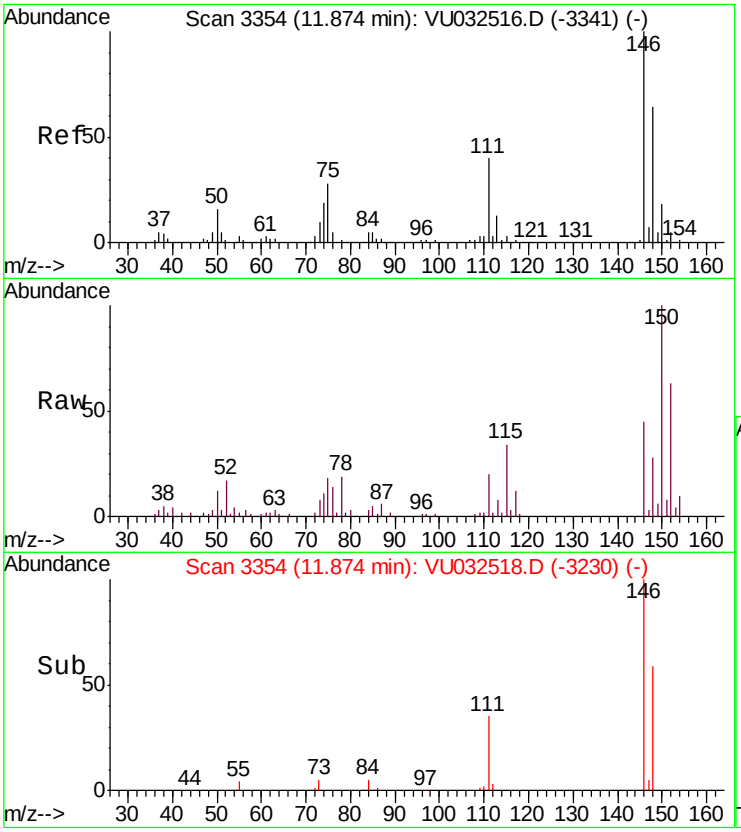


#63
1,4-Dichlorobenzene
Concen: 1.145 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Tgt Ion:146 Resp: 3458

Ion	Ratio	Lower	Upper
146	100		
111	36.8	26.6	49.4
148	74.3	44.9	83.5





#65
1,2-Dichlorobenzene
Concen: 5.336 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU032518.D
Acq: 07 Jun 2019 00:13

Instrument :
MSVOA_U
ClientSampleId :
DB8K4

Tgt Ion:146 Resp: 15943

Ion	Ratio	Lower	Upper
146	100		
111	43.9	32.6	48.8
148	61.6	50.5	75.7