Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\

Quantitation Report (Not Reviewed)

Data File : VU029766.D
Acq On : 01 Mar 2019 16:06
Operator : JC/SP
Sample : K1660-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY8

Quant Time: Mar 01 22:17:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	235368	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	226870	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116266	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	88246	5.74	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.80%				
7) Chloroethane-d5	1.68	69	68928	4.77	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%				
11) 1,1-Dichloroethene-d2	2.27	63	120094	3.64	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.80%				
20) 2-Butanone-d5	4.19	46	180630	51.97	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.94%				
24) Chloroform-d	4.65	84	120483	4.45	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%				
26) 1,2-Dichloroethane-d4	5.31	65	72380	4.95	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%				
32) Benzene-d6	5.34	84	304595	5.23	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%				
36) 1,2-Dichloropropane-d6	6.33	67	91327	5.39	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%				
41) Toluene-d8	7.56	98	278667	4.89	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%				
43) trans-1,3-Dichloropropene-	7.85	79	33751	4.85	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%				
46) 2-Hexanone-d5	8.31	63	173602	50.91	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.82%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72191	4.74	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%				
64) 1,2-Dichlorobenzene-d4	11.86	152	114405	5.00	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%				
Target Compounds							Qvalue
8) Chloroethane	1.70	64	1954	0.150	ug/L		92
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1323	0.072	ug/L	#	17
12) 1,1-Dichloroethene	2.27	96	1097	0.063	ug/L	#	1
13) Acetone	2.32	43	100090	40.088	ug/L		98
19) 1,1-Dichloroethane	3.44	63	2294	0.078	ug/L	#	88
21) 2-Butanone	4.30	43	3638	1.050	ug/L		95
22) cis-1,2-Dichloroethene	4.22	96	24198	1.391	ug/L		98
25) Chloroform	4.67	83	28338	0.957	ug/L		93
27) 1,2-Dichloroethane	5.33	62	1484	0.085	ug/L	#	74
34) Trichloroethene	6.18	95	5812	0.347	ug/L		89
35) Methylcyclohexane	6.33	83	21185	0.780	ug/L	#	21
37) 1,2-Dichloropropane	6.33	63	9077	0.601	ug/L	#	86
39) cis-1,3-Dichloropropene	7.22	75	2068	0.094	ug/L	#	45
42) Toluene	7.64	91	49915	0.734	ug/L		99
47) Tetrachloroethene	8.22	164	9832	0.633	ug/L		95
48) 2-Hexanone	8.37	43	2445	0.394	ug/L	#	61
49) Dibromochloromethane	8.22	129	8532	0.596	ug/L	#	12

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\

Quantitation Report (Not Reviewed)

Data File : VU029766.D
Acq On : 01 Mar 2019 16:06
Operator : JC/SP
Sample : K1660-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY8

Quant Time: Mar 01 22:17:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Chlorobenzene	9.12	112	18352	0.393	ug/L		97
59) 1,2,3-Trichloropropane	11.48	75	13359	1.325	ug/L		96
63) 1,4-Dichlorobenzene	11.50	146	5978	0.160	ug/L		98
65) 1,2-Dichlorobenzene	11.87	146	2039	0.057	ug/L	#	81

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

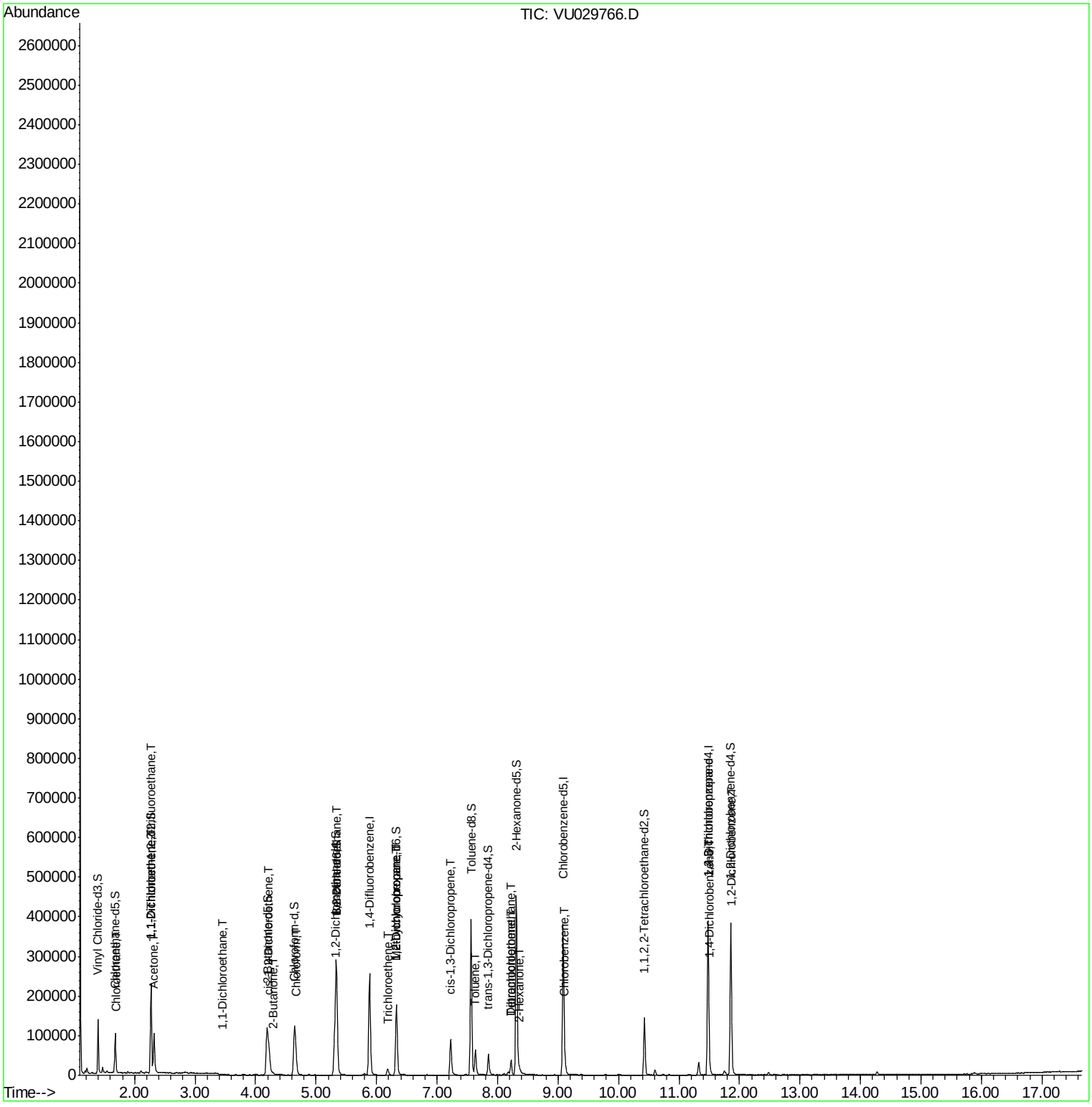
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\

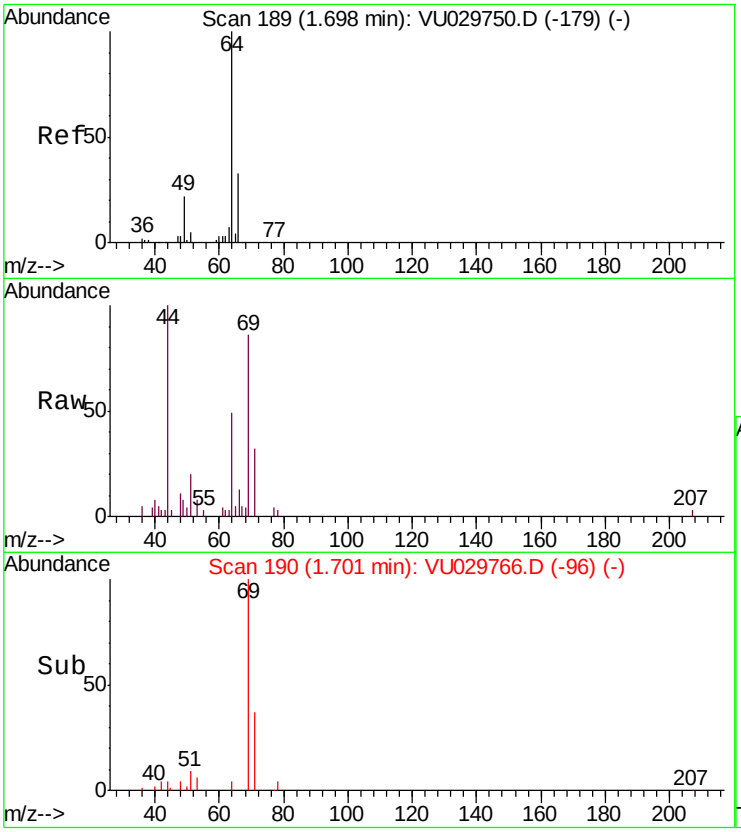
Quantitation Report (Not Reviewed)

Data File : VU029766.D
Acq On : 01 Mar 2019 16:06
Operator : JC/SP
Sample : K1660-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY8

Quant Time: Mar 01 22:17:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration



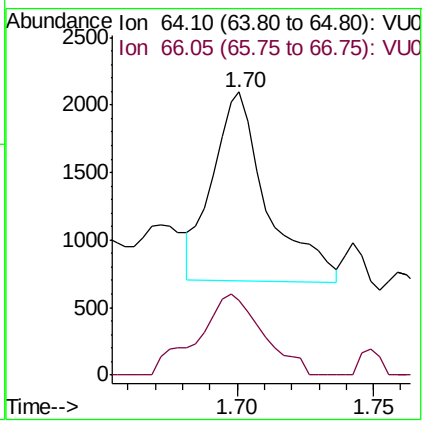


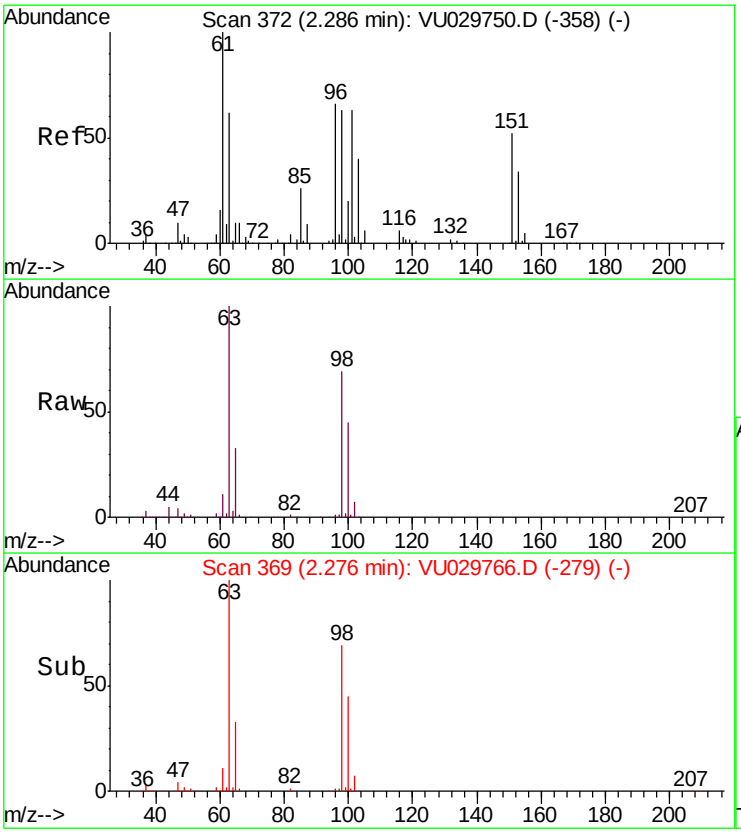
#8
Chloroethane
Concen: 0.150 ug/L
RT: 1.70 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument :
MSVOA_U
ClientSampleId :
CWJY8

Tgt Ion: 64 Resp: 1954

Ion	Ratio	Lower	Upper
64	100		
66	26.3	21.4	39.8

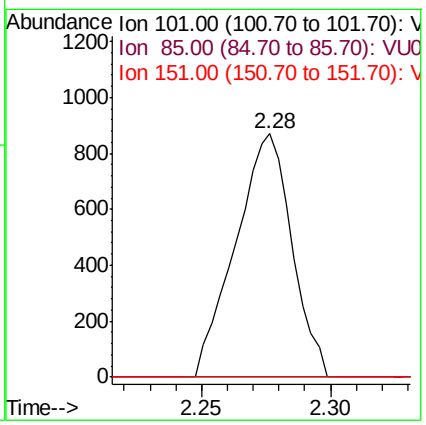


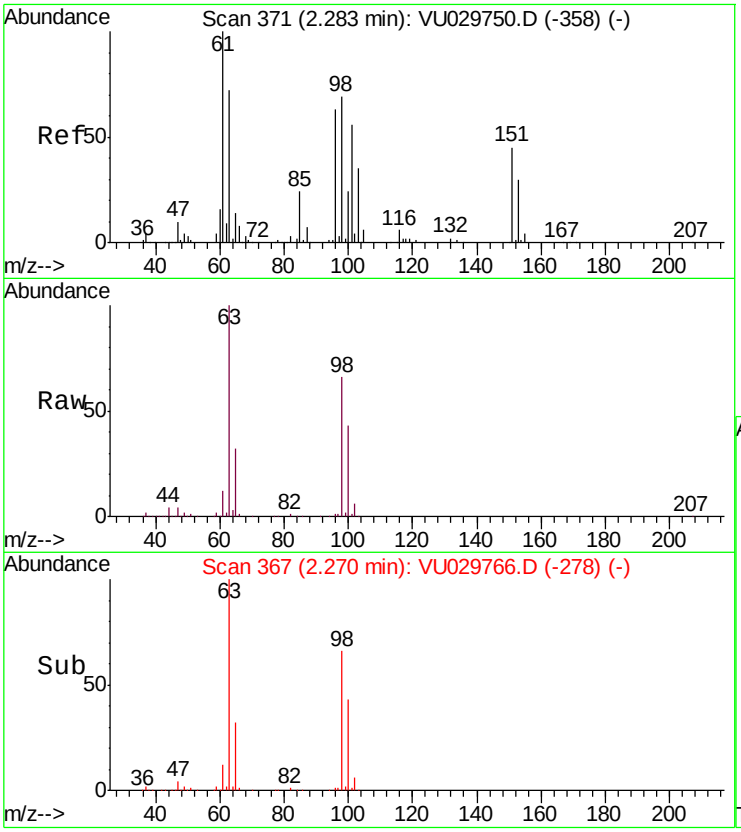


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion:101 Resp: 1323

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.8	49.2#
151	0.0	65.9	98.9#



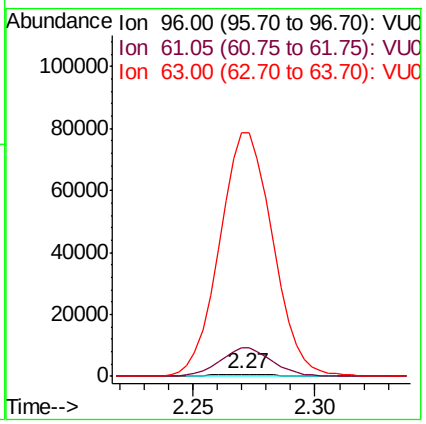


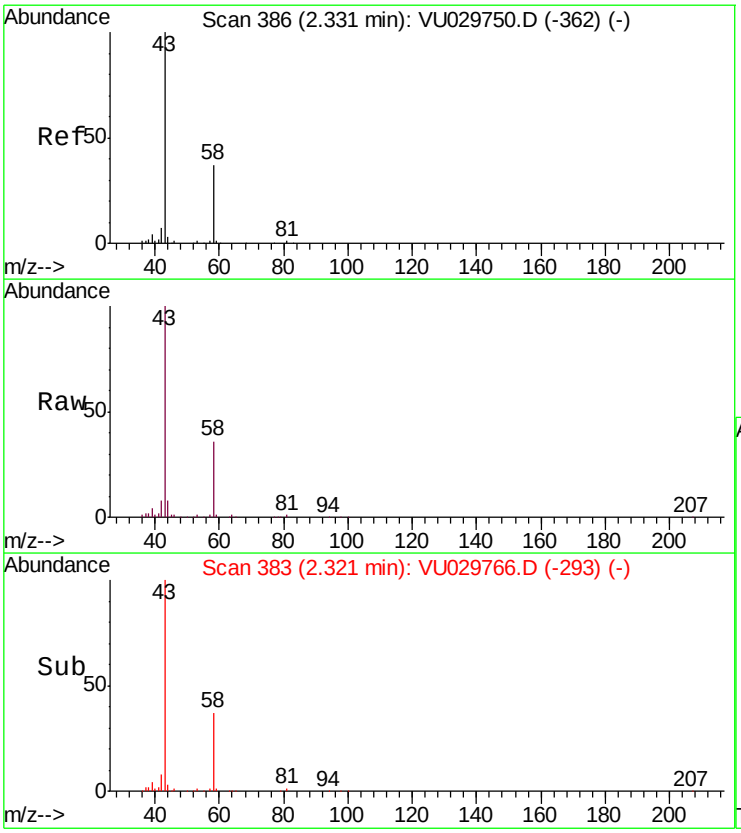
#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument : MSVOA_U
ClientSampleId : CWJY8

Tgt Ion: 96 Resp: 1097

Ion	Ratio	Lower	Upper
96	100		
61	1516.1	111.3	206.7#
63	13017.2	88.5	164.3#

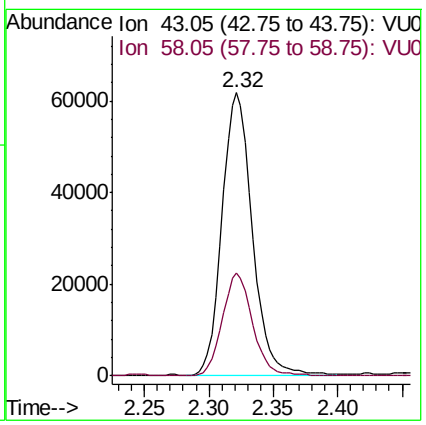


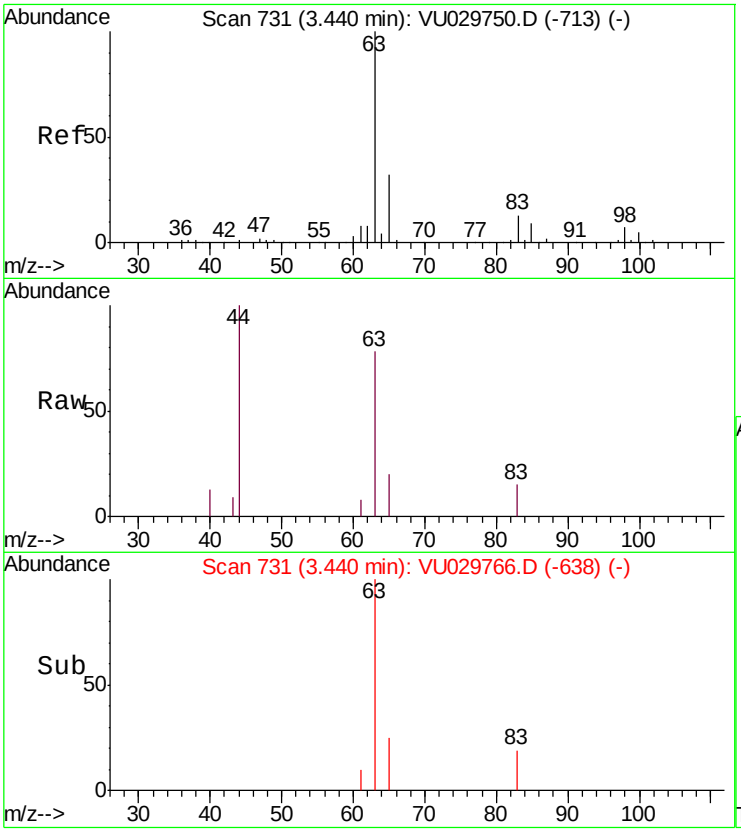


#13
Acetone
Concen: 40.088 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion: 43 Resp: 100090

Ion	Ratio	Lower	Upper
43	100		
58	36.5	0.0	70.2



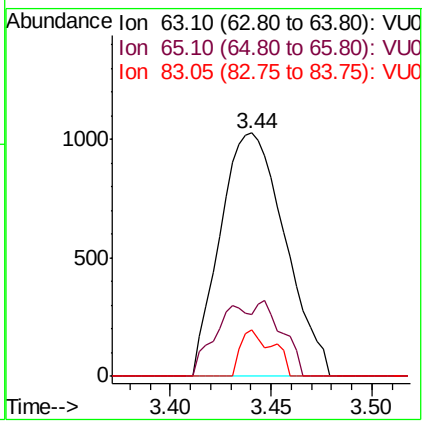


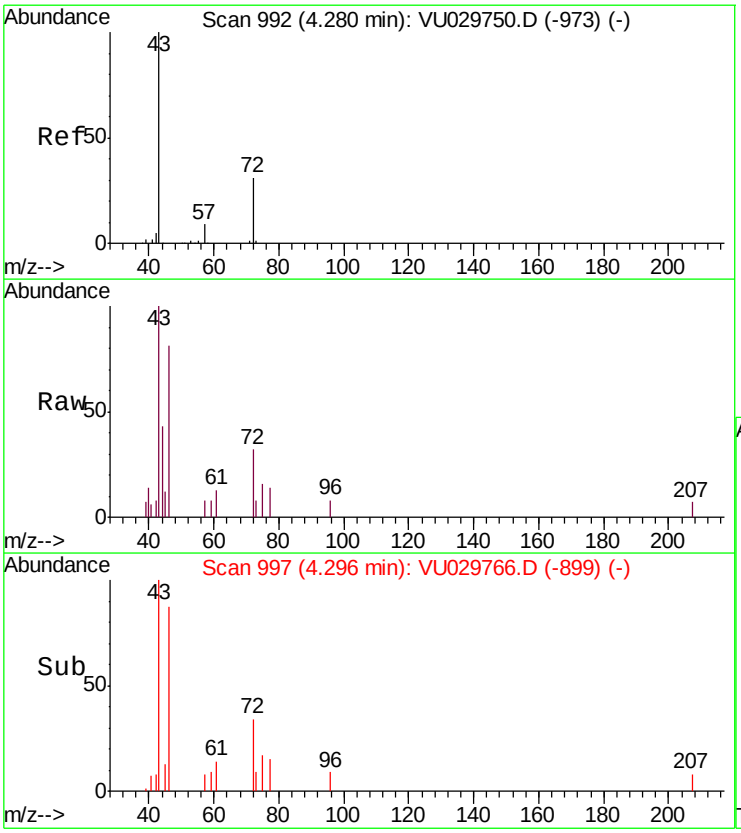
#19
1,1-Dichloroethane
Concen: 0.078 ug/L
RT: 3.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument : MSVOA_U
ClientSampleId : CWJY8

Tgt Ion: 63 Resp: 2294

Ion	Ratio	Lower	Upper
63	100		
65	25.4	22.3	41.5
83	19.2	9.9	18.5#

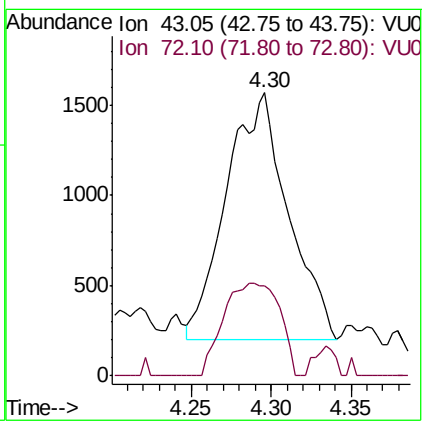


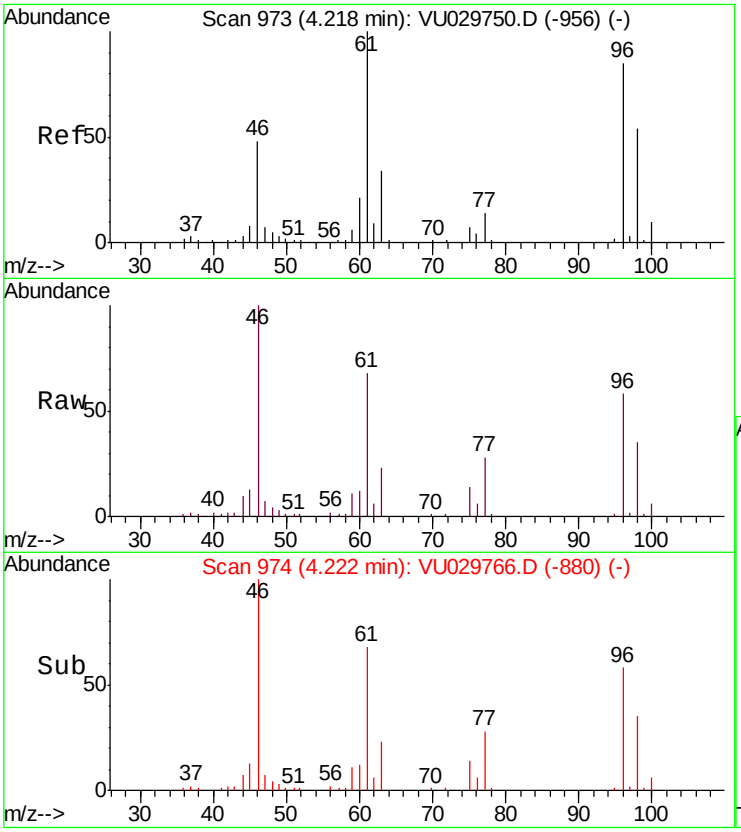


#21
2-Butanone
Concen: 1.050 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.02 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion: 43 Resp: 3638

Ion	Ratio	Lower	Upper
43	100		
72	33.8	15.4	46.4



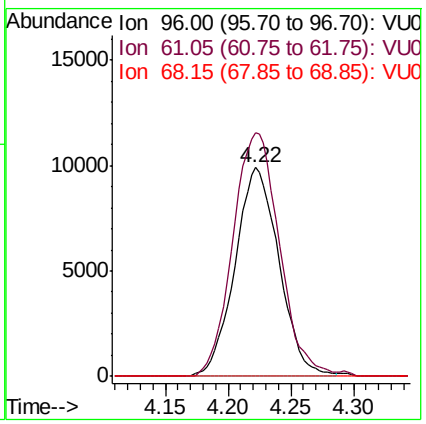


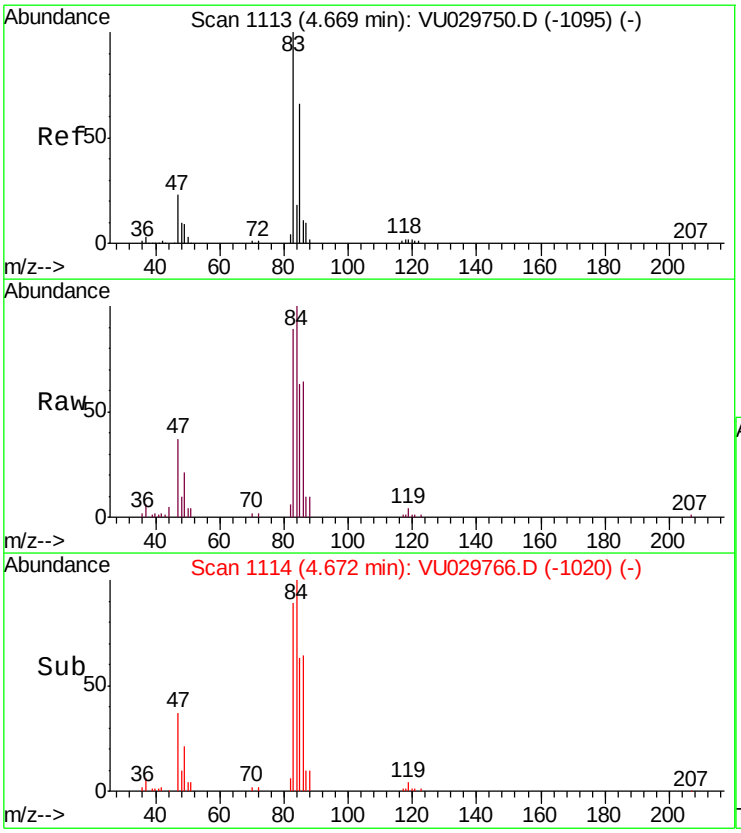
#22
cis-1,2-Dichloroethene
Concen: 1.391 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument :
MSVOA_U
ClientSampleId :
CWJY8

Tgt Ion: 96 Resp: 24198

Ion	Ratio	Lower	Upper
96	100		
61	116.6	80.2	149.0
68	0.0	0.0	0.0

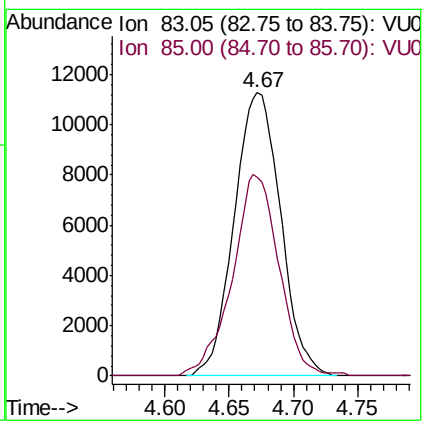


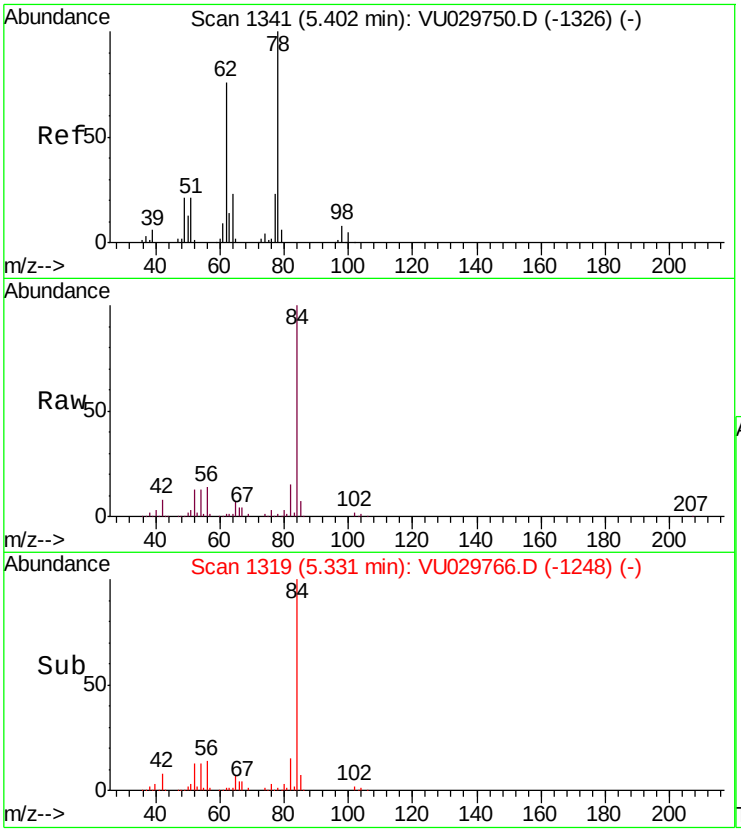


#25
Chloroform
Concen: 0.957 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion: 83 Resp: 28338

Ion	Ratio	Lower	Upper
83	100		
85	70.4	45.6	84.6



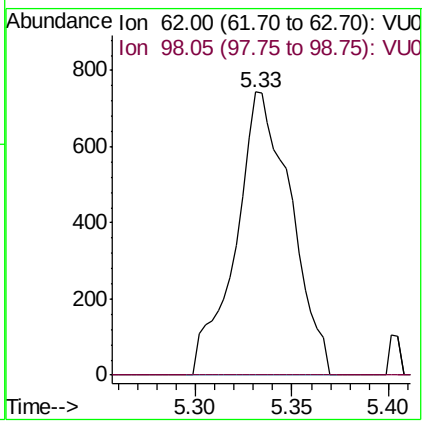


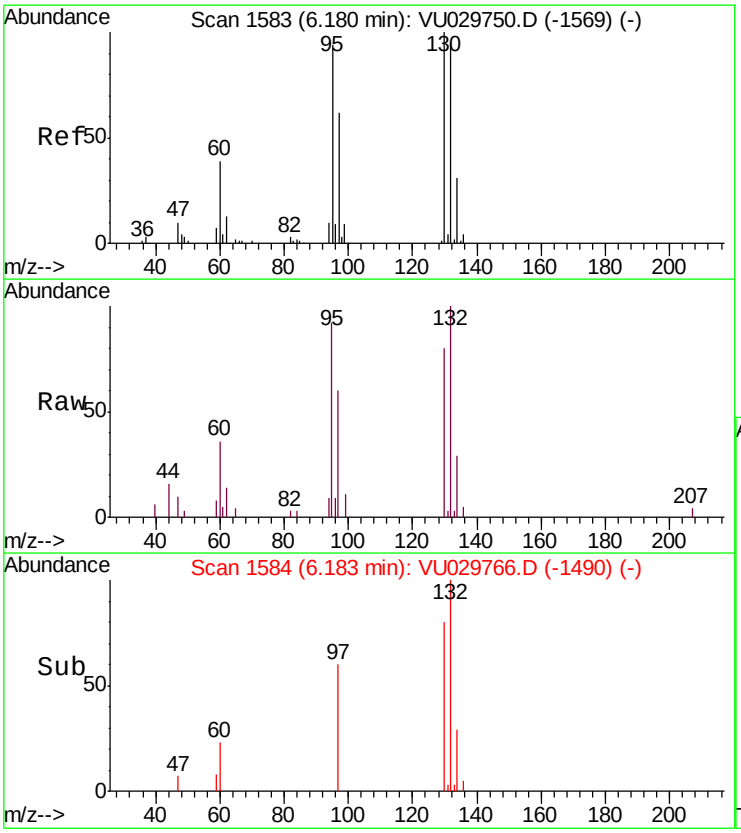
#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.07 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument : MSVOA_U
ClientSampleId : CWJY8

Tgt Ion: 62 Resp: 1484

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

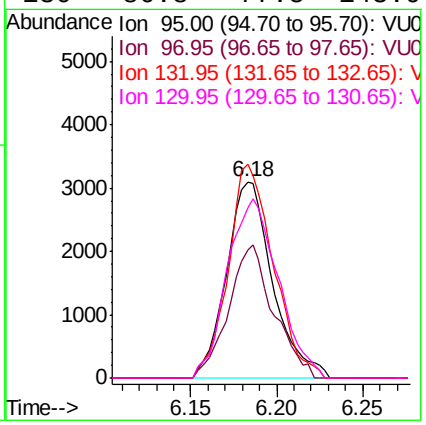


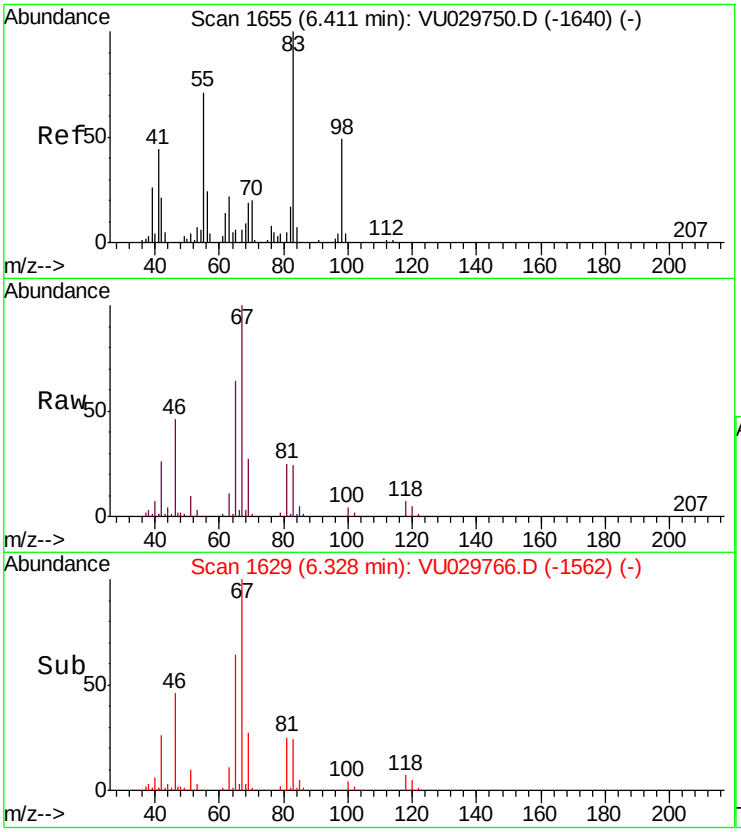


#34
Trichloroethene
Concen: 0.347 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion: 95 Resp: 5812

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.6	84.8
132	108.7	72.9	135.3
130	86.8	77.5	143.9



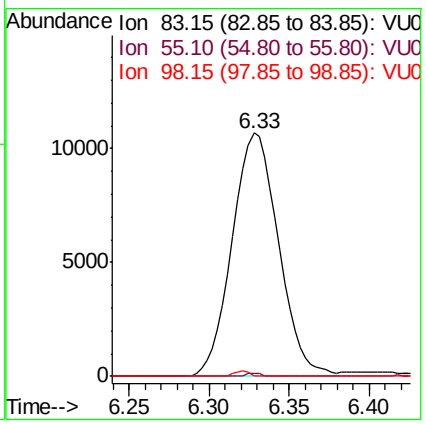


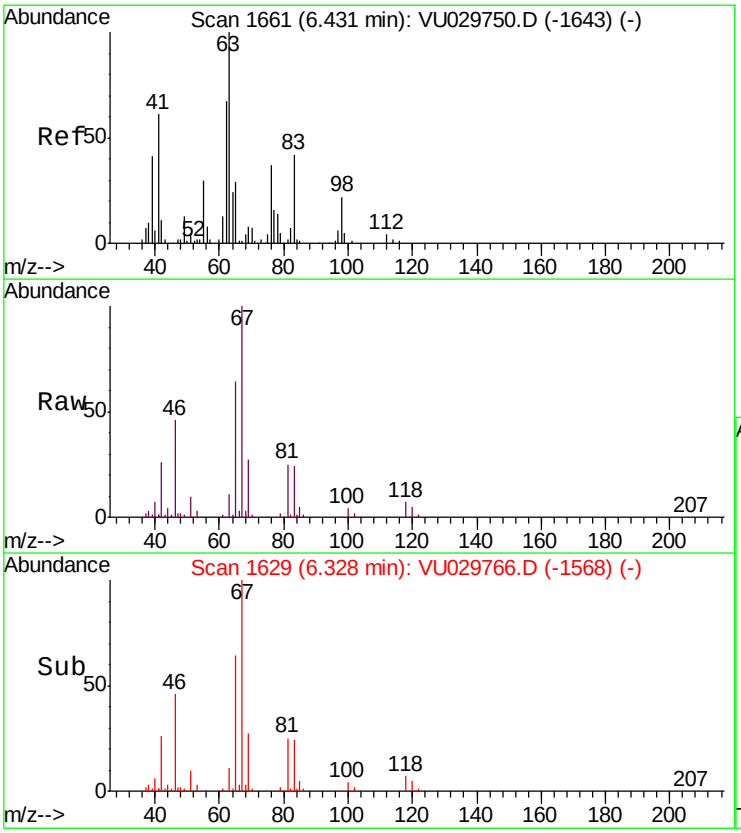
#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument :
MSVOA_U
ClientSampleId :
CWJY8

Tgt Ion: 83 Resp: 21185

Ion	Ratio	Lower	Upper
83	100		
55	0.3	56.5	84.7#
98	0.7	39.4	59.2#

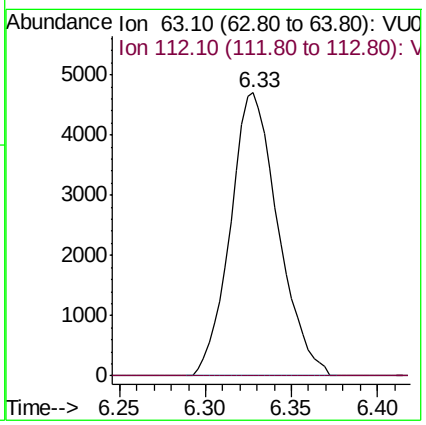


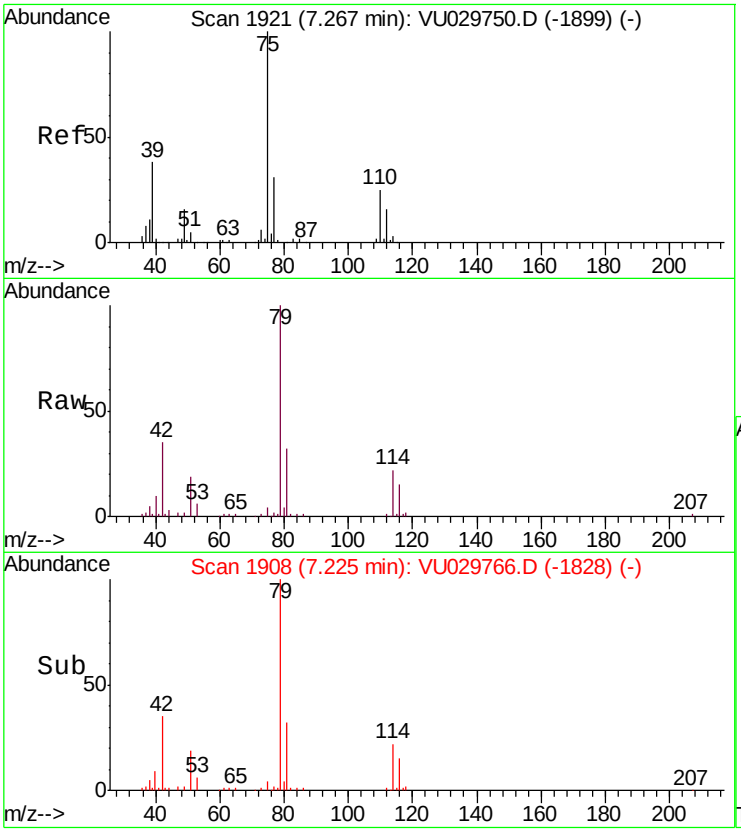


#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion: 63 Resp: 9077

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



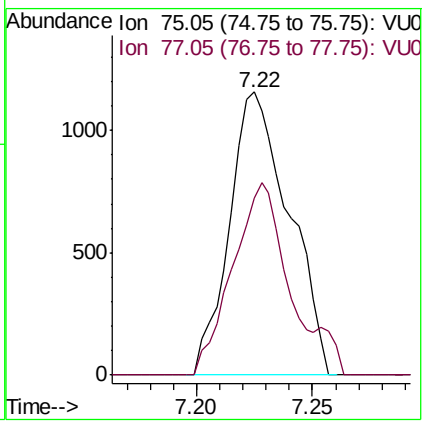


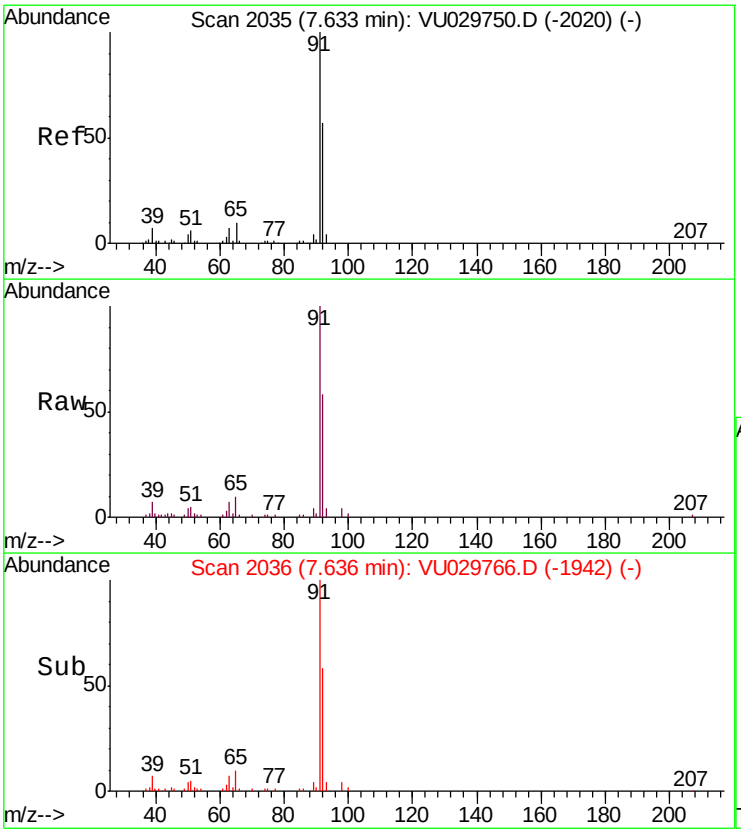
#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument :
MSVOA_U
ClientSampleId :
CWJY8

Tgt Ion: 75 Resp: 2068

Ion	Ratio	Lower	Upper
75	100		
77	62.5	22.3	41.5#

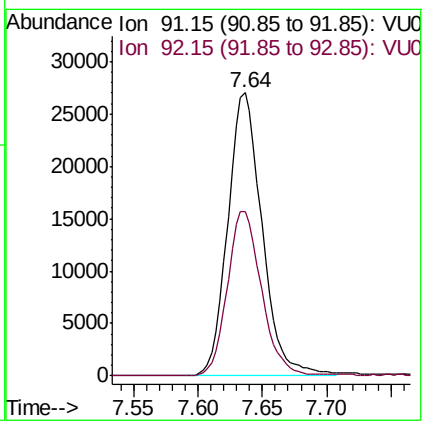


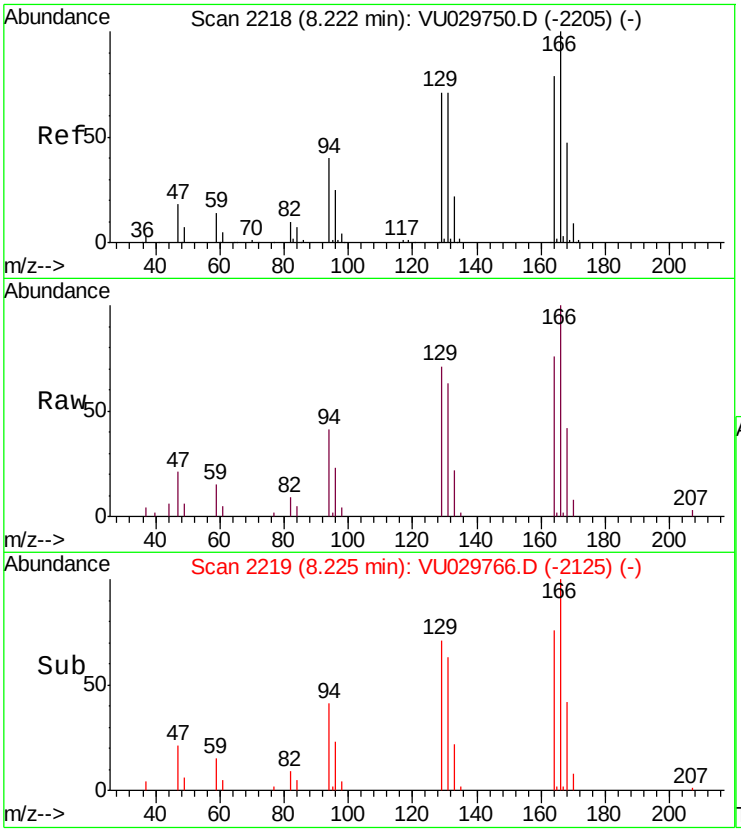


#42
Toluene
Concen: 0.734 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion: 91 Resp: 49915

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.1	74.5



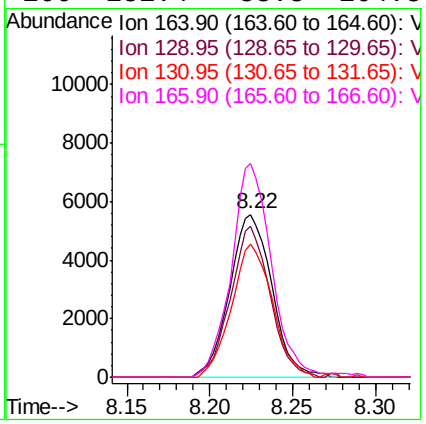


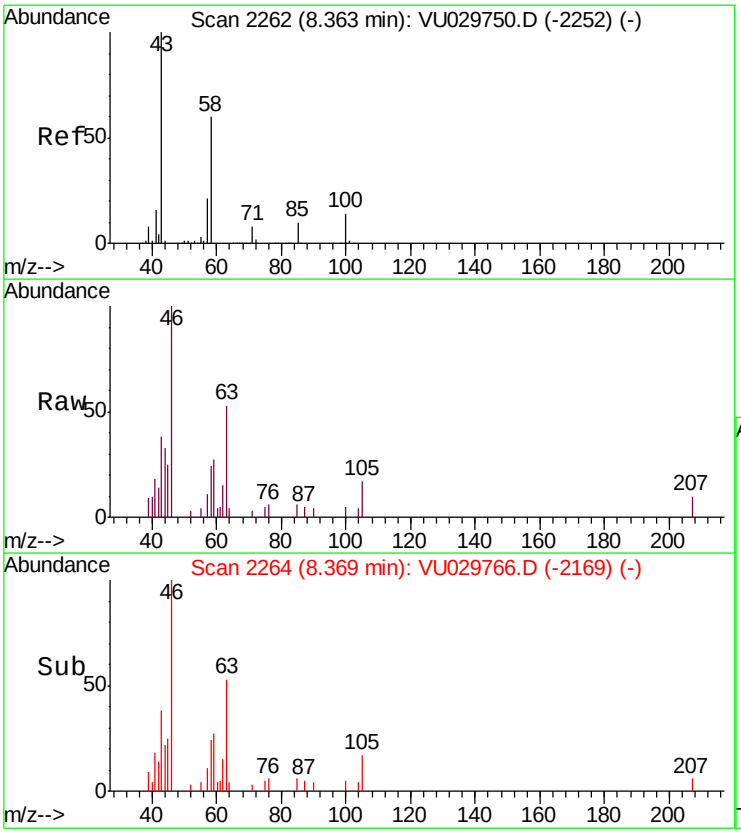
#47
Tetrachloroethene
Concen: 0.633 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument : MSVOA_U
ClientSampleId : CWJY8

Tgt Ion:164 Resp: 9832

Ion	Ratio	Lower	Upper
164	100		
129	92.9	62.9	116.7
131	82.2	61.8	114.8
166	131.4	88.8	164.8

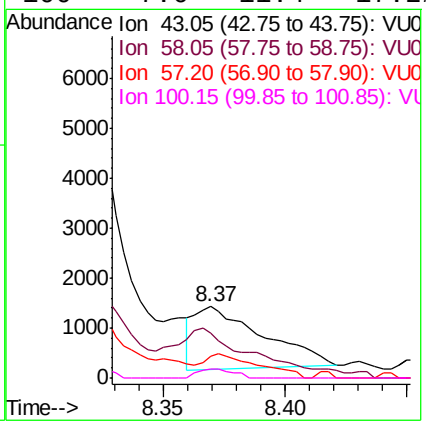


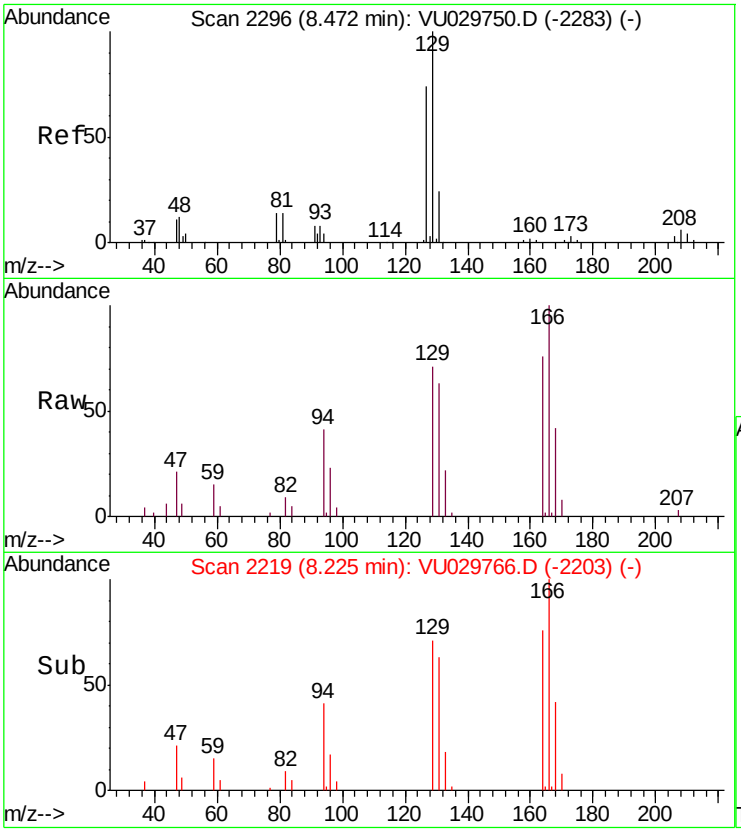


#48
2-Hexanone
Concen: 0.394 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion: 43 Resp: 2445

Ion	Ratio	Lower	Upper
43	100		
58	95.4	46.6	69.8#
57	30.5	15.9	23.9#
100	7.6	11.4	17.2#



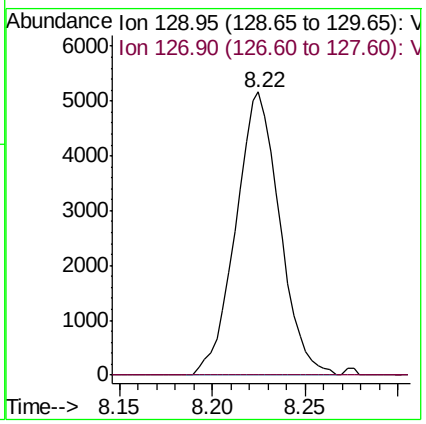


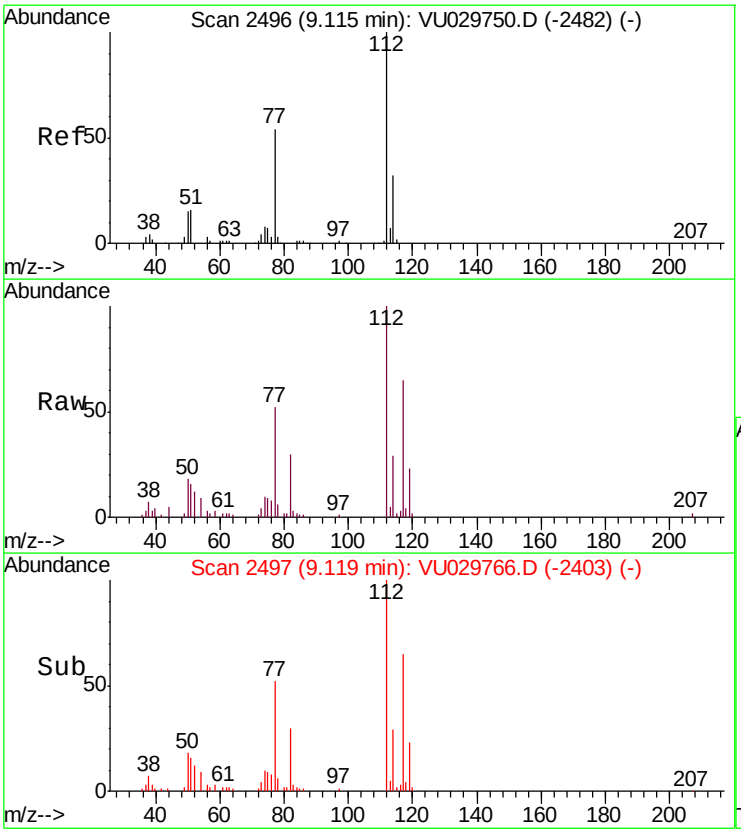
#49
Dibromochloromethane
Concen: 0.596 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument : MSVOA_U
ClientSampleId : CWJY8

Tgt Ion:129 Resp: 8532

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#

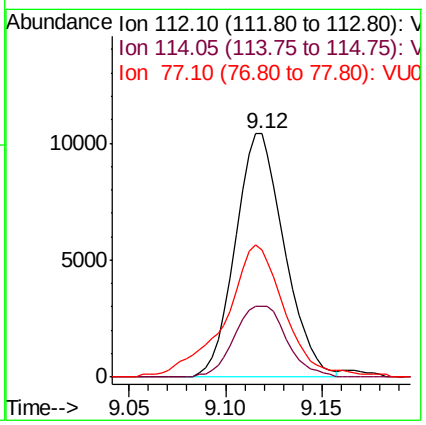


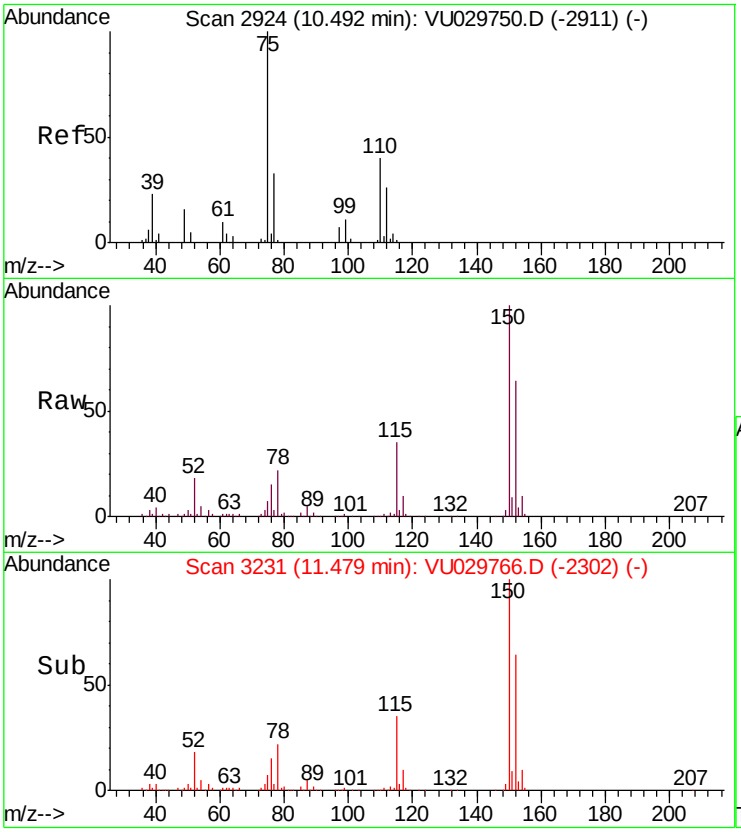


#51
Chlorobenzene
Concen: 0.393 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion:112 Resp: 18352

Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.3	41.3
77	52.3	42.7	64.1



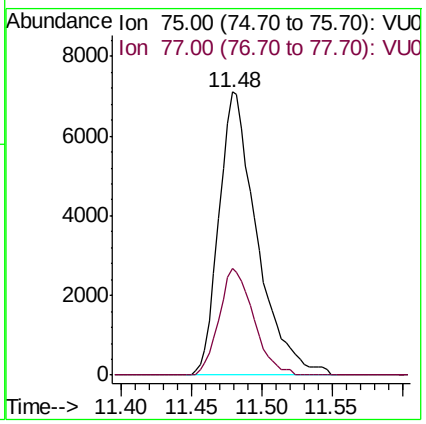


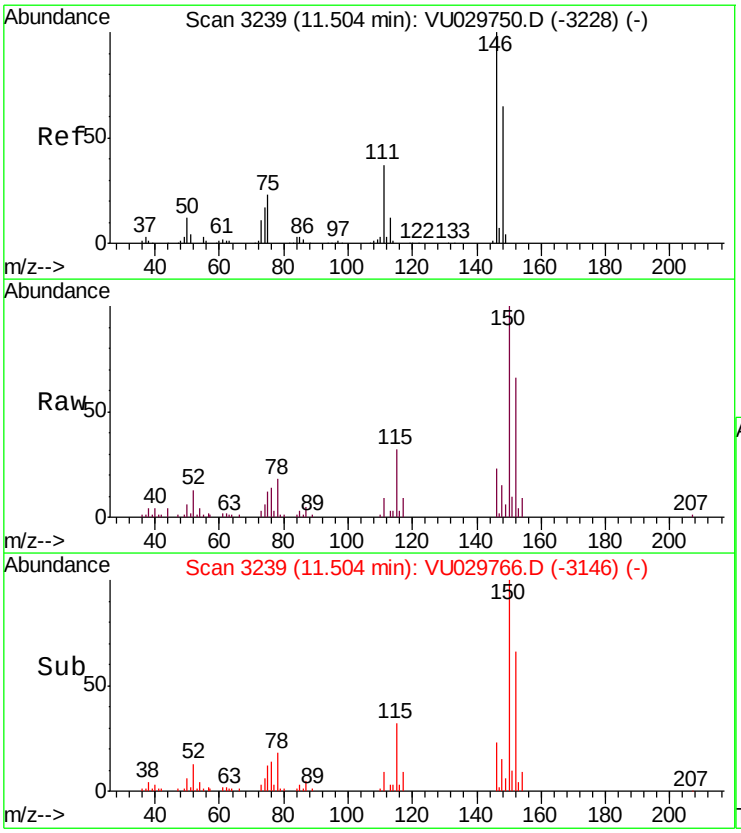
#59
1,2,3-Trichloropropane
Concen: 1.325 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument : MSVOA_U
ClientSampleId : CWJY8

Tgt Ion: 75 Resp: 13359

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.6	38.4

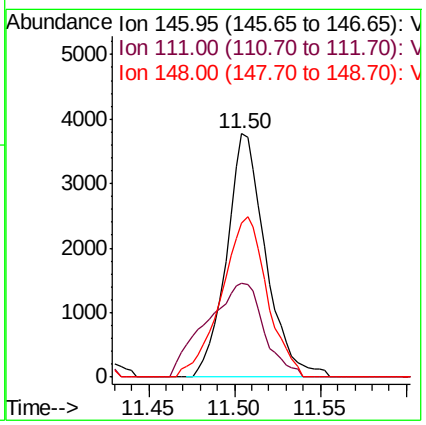


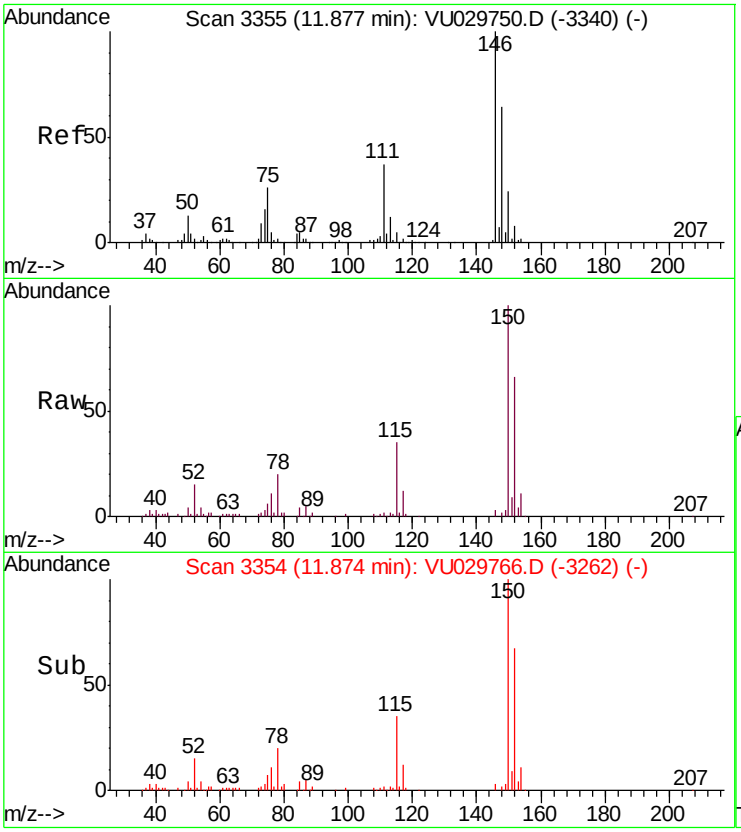


#63
1,4-Dichlorobenzene
Concen: 0.160 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Tgt Ion:146 Resp: 5978

Ion	Ratio	Lower	Upper
146	100		
111	38.7	25.4	47.2
148	63.5	43.7	81.1





#65
1,2-Dichlorobenzene
Concen: 0.057 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU029766.D
Acq: 01 Mar 2019 16:06

Instrument :
MSVOA_U
ClientSampleId :
CWJY8

Tgt Ion:146 Resp: 2039

Ion	Ratio	Lower	Upper
146	100		
111	64.2	32.2	48.2#
148	70.9	52.2	78.4