Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\

Quantitation Report (Not Reviewed)

Data File : VU029742.D
Acq On : 28 Feb 2019 16:52
Operator : JC/SP
Sample : K1577-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY0

Quant Time: Mar 01 00:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	242926	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	232970	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119528	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	71170	4.49	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.80%				
7) Chloroethane-d5	1.68	69	70246	4.71	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.20%				
11) 1,1-Dichloroethene-d2	2.27	63	110560	3.24	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.80%				
20) 2-Butanone-d5	4.20	46	232265	64.75	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.50%				
24) Chloroform-d	4.65	84	135892	4.86	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%				
26) 1,2-Dichloroethane-d4	5.31	65	79279	5.25	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%				
32) Benzene-d6	5.34	84	314166	5.26	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%				
36) 1,2-Dichloropropane-d6	6.33	67	98778	5.68	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.60%				
41) Toluene-d8	7.56	98	279077	4.76	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%				
43) trans-1,3-Dichloropropene-	7.85	79	35127	4.92	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%				
46) 2-Hexanone-d5	8.31	63	225365	64.36	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.72%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86561	5.54	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.80%				
64) 1,2-Dichlorobenzene-d4	11.86	152	121945	5.19	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.29	85	2539	0.134	ug/L		91
5) Vinyl chloride	1.40	62	8143	0.393	ug/L	#	19
8) Chloroethane	1.70	64	3097	0.231	ug/L	#	72
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1253	0.066	ug/L	#	17
12) 1,1-Dichloroethene	2.27	96	1230	0.068	ug/L	#	1
13) Acetone	2.33	43	12729	4.940	ug/L		94
18) trans-1,2-Dichloroethene	2.98	96	7294	0.372	ug/L		98
19) 1,1-Dichloroethane	3.44	63	1578	0.052	ug/L	#	93
22) cis-1,2-Dichloroethene	4.22	96	103403	5.757	ug/L		94
25) Chloroform	4.67	83	18851	0.617	ug/L		99
33) Benzene	5.39	78	14212	0.231	ug/L		100
34) Trichloroethene	6.18	95	75909	4.417	ug/L		98
35) Methylcyclohexane	6.33	83	22859	0.820	ug/L	#	21
37) 1,2-Dichloropropane	6.33	63	9762	0.629	ug/L	#	86
39) cis-1,3-Dichloropropene	7.22	75	2438	0.107	ug/L	#	73
42) Toluene	7.63	91	66260	0.949	ug/L		100
47) Tetrachloroethene	8.22	164	41825	2.621	ug/L		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\

Quantitation Report (Not Reviewed)

Data File : VU029742.D
Acq On : 28 Feb 2019 16:52
Operator : JC/SP
Sample : K1577-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY0

Quant Time: Mar 01 00:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.36	43	2497	0.392	ug/L	#	44
49) Dibromochloromethane	8.22	129	36838	2.504	ug/L	#	12
51) Chlorobenzene	9.12	112	68717	1.432	ug/L		98
53) m,p-xylene	9.38	106	1674	0.053	ug/L		97
59) 1,2,3-Trichloropropane	11.48	75	18739	1.809	ug/L	#	86
63) 1,4-Dichlorobenzene	11.50	146	24744	0.643	ug/L		96
65) 1,2-Dichlorobenzene	11.88	146	5389	0.147	ug/L		94

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

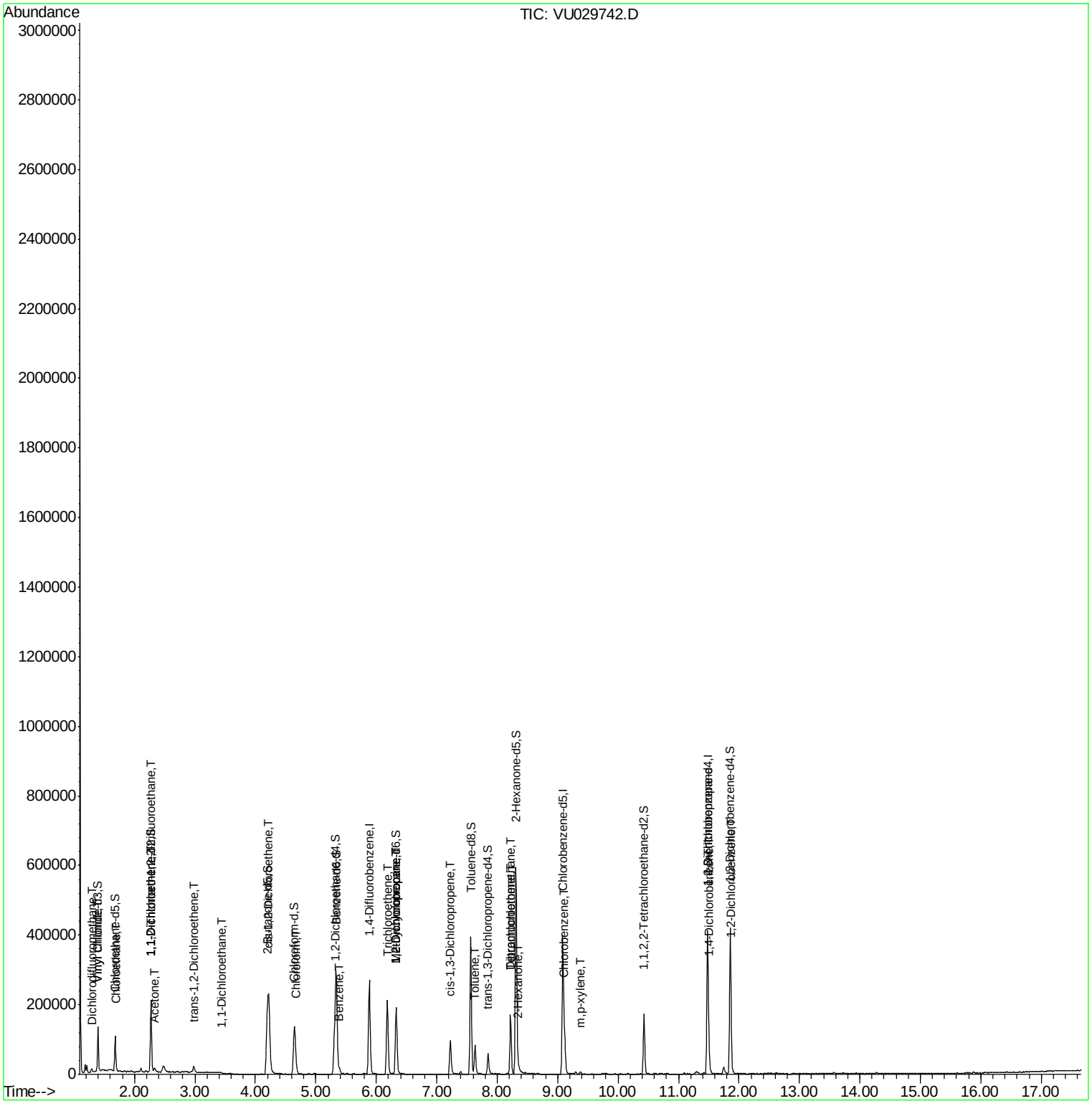
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\

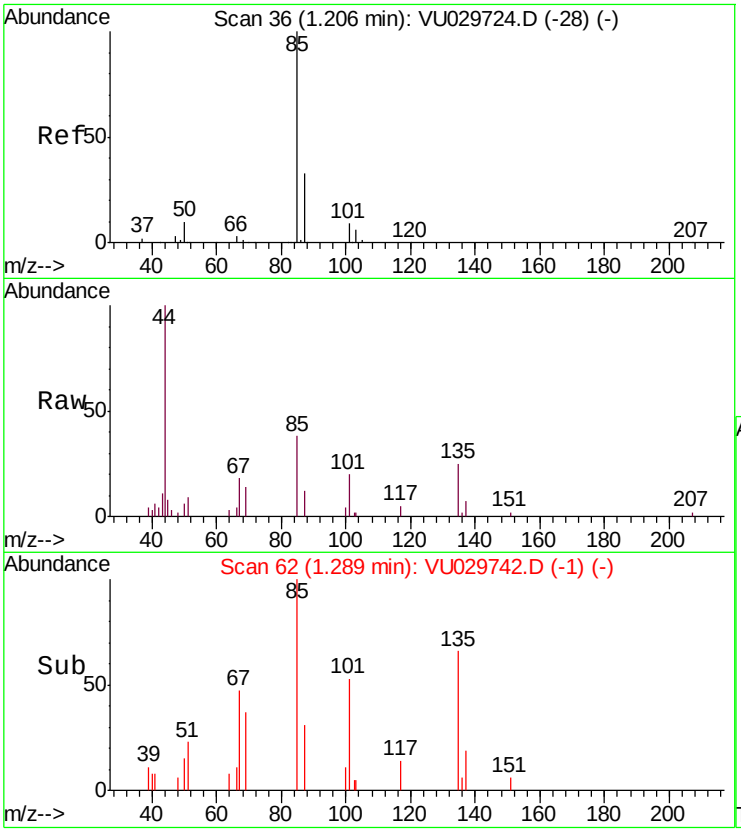
Quantitation Report (Not Reviewed)

Data File : VU029742.D
Acq On : 28 Feb 2019 16:52
Operator : JC/SP
Sample : K1577-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY0

Quant Time: Mar 01 00:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration



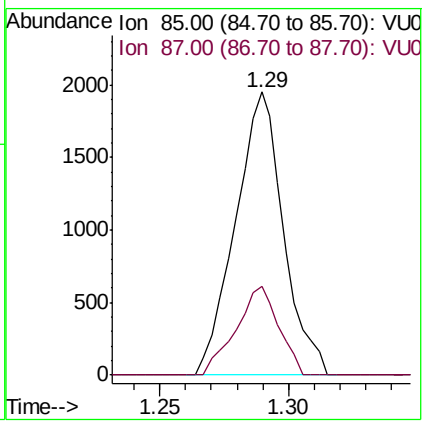


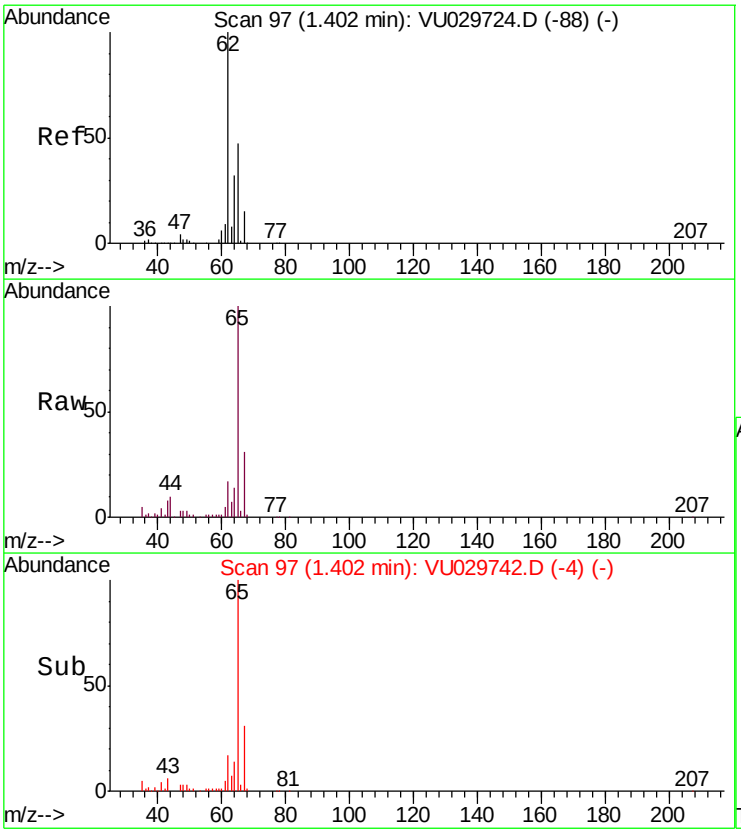
#2
Dichlorodifluoromethane
Concen: 0.134 ug/L
RT: 1.29 min Scan# 62
Delta R.T. 0.08 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument : MSVOA_U
ClientSampleId : CWJY0

Tgt Ion: 85 Resp: 2539

Ion	Ratio	Lower	Upper
85	100		
87	27.8	26.2	39.4

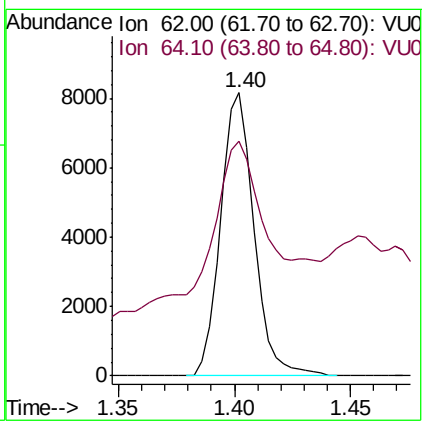


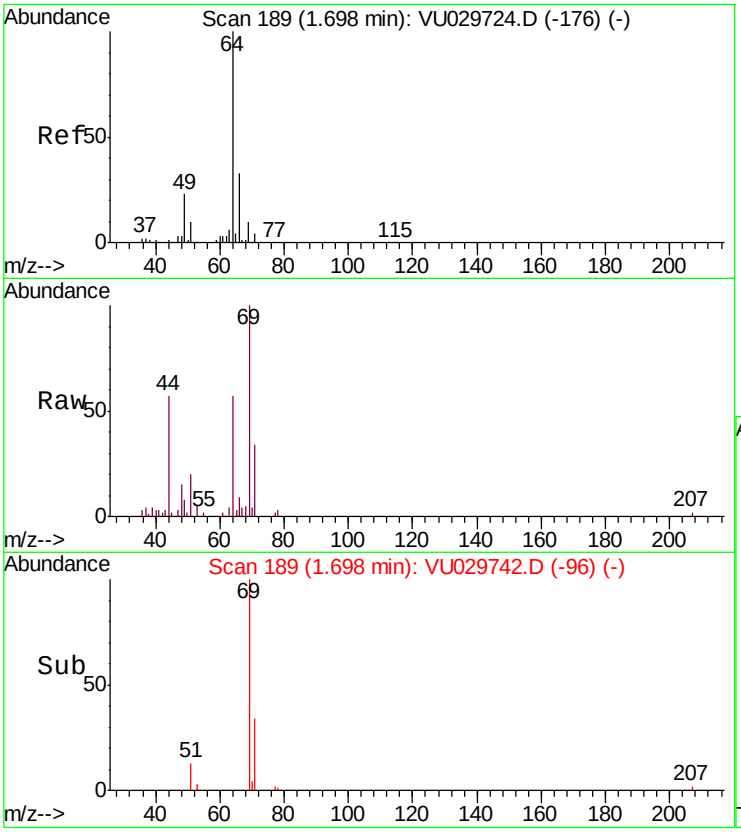


#5
Vinyl chloride
Concen: 0.393 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 62 Resp: 8143

Ion	Ratio	Lower	Upper
62	100		
64	83.0	24.8	46.1#



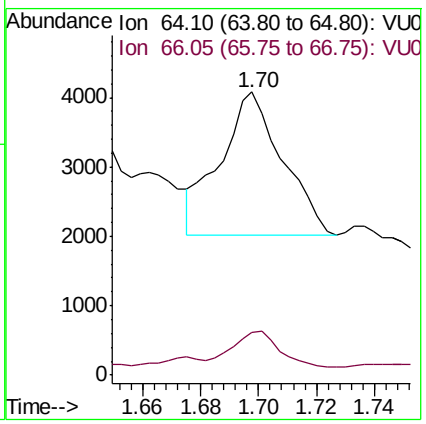


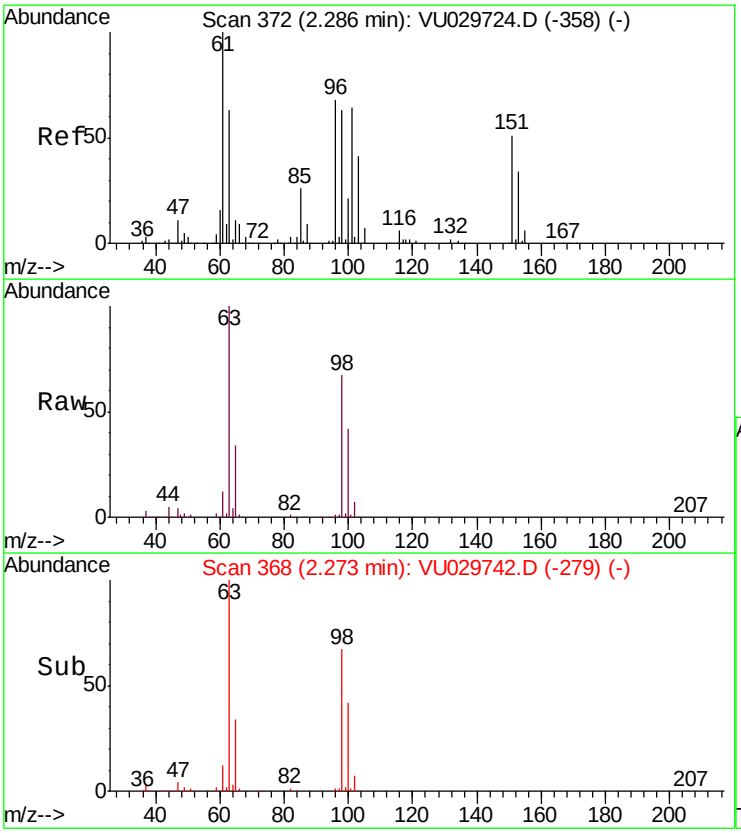
#8
Chloroethane
Concen: 0.231 ug/L
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument :
MSVOA_U
ClientSampleId :
CWJY0

Tgt Ion: 64 Resp: 3097

Ion	Ratio	Lower	Upper
64	100		
66	15.3	21.4	39.8#

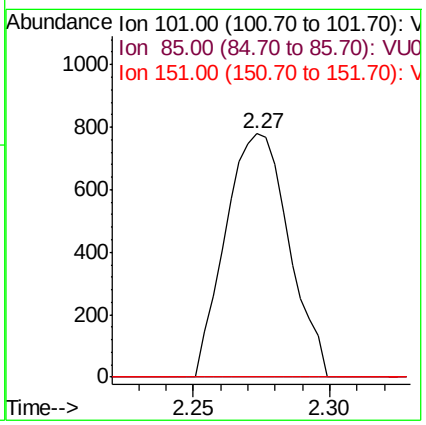


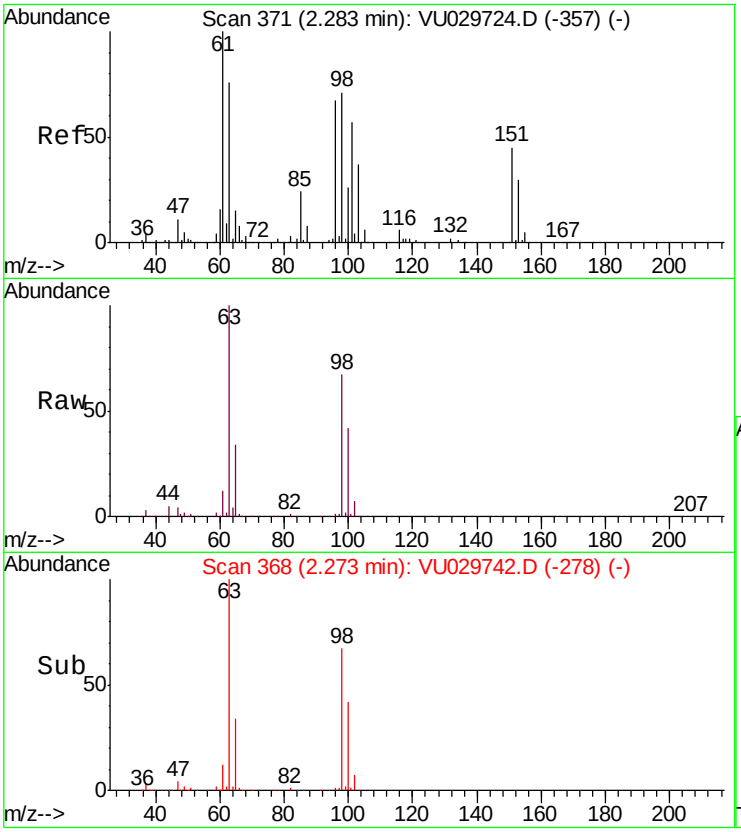


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion:101 Resp: 1253

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



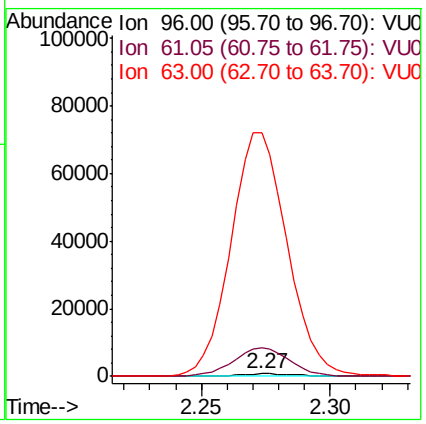


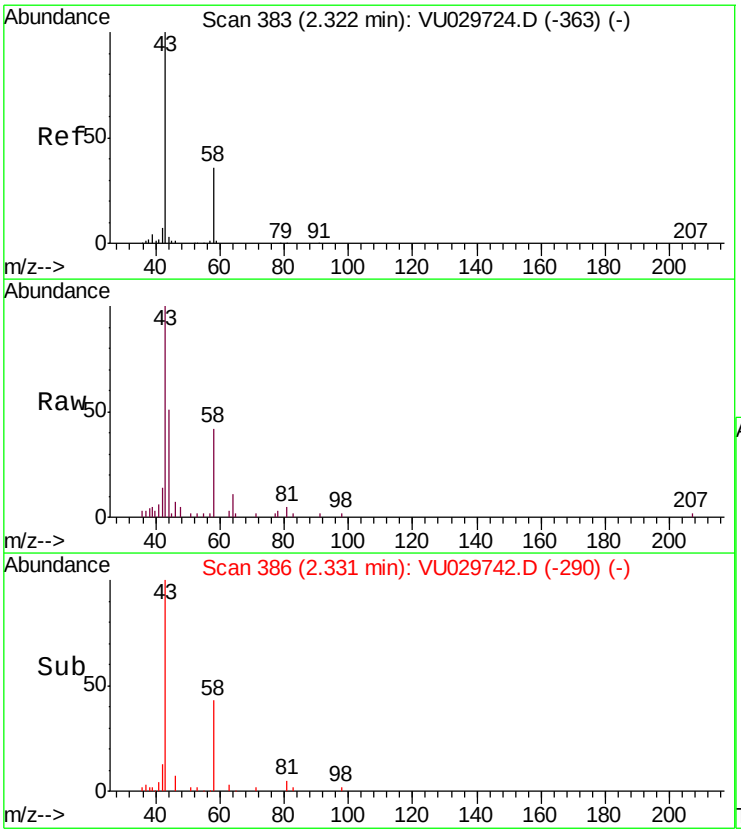
#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument :
MSVOA_U
ClientSampleId :
CWJY0

Tgt Ion: 96 Resp: 1230

Ion	Ratio	Lower	Upper
96	100		
61	1100.1	111.3	206.7#
63	9367.0	88.5	164.3#

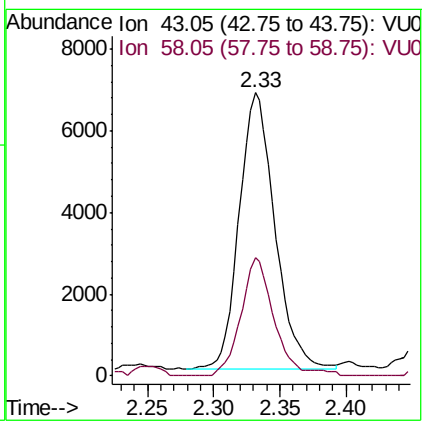


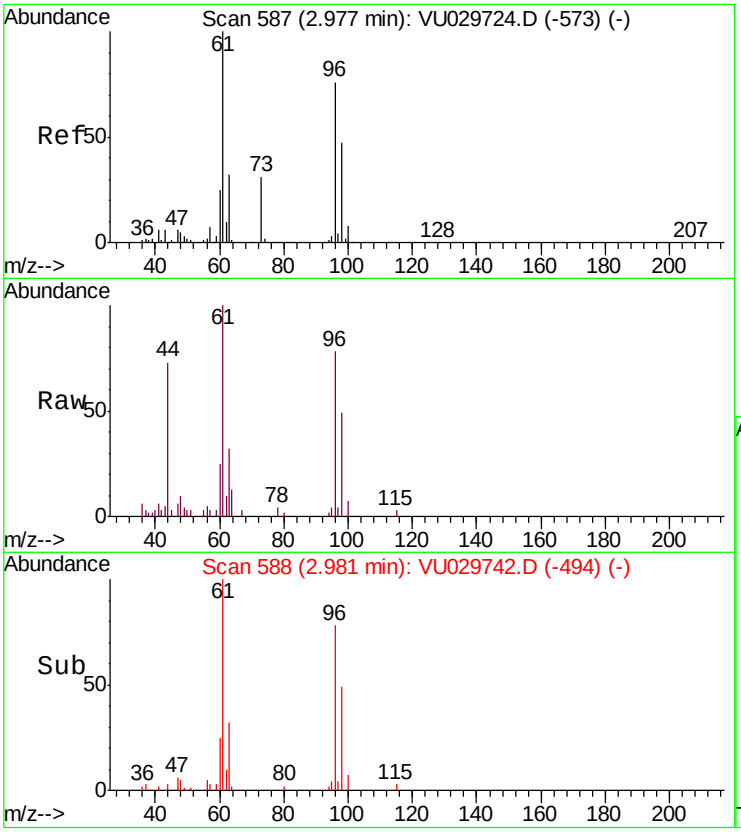


#13
Acetone
Concen: 4.940 ug/L
RT: 2.33 min Scan# 386
Delta R.T. 0.01 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 43 Resp: 12729

Ion	Ratio	Lower	Upper
43	100		
58	38.4	0.0	70.2



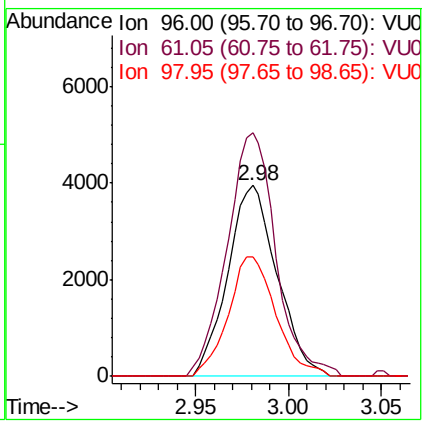


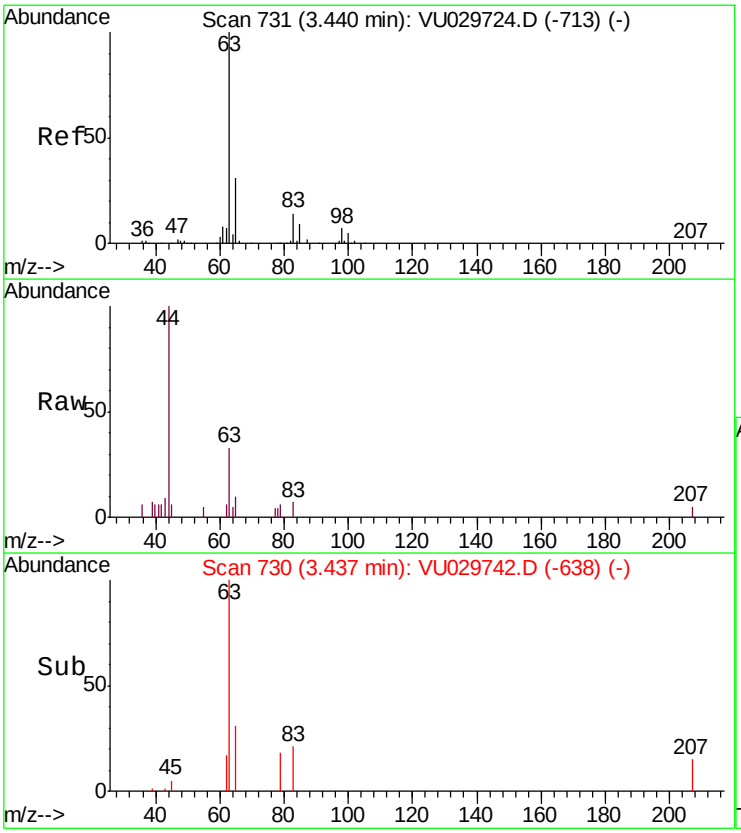
#18
trans-1,2-Dichloroethene
Concen: 0.372 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument :
MSVOA_U
ClientSampleId :
CWJY0

Tgt Ion: 96 Resp: 7294

Ion	Ratio	Lower	Upper
96	100		
61	127.5	90.3	167.7
98	62.3	45.2	84.0

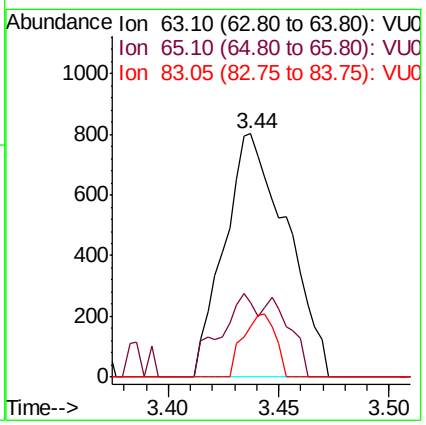


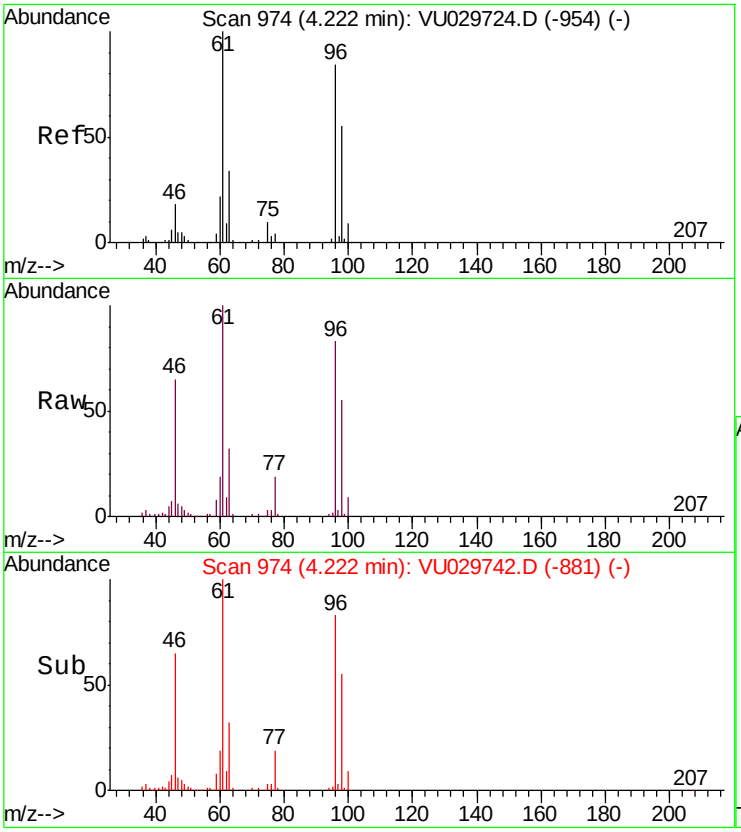


#19
1,1-Dichloroethane
Concen: 0.052 ug/L
RT: 3.44 min Scan# 730
Delta R.T. -0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 63 Resp: 1578

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.3	41.5
83	20.9	9.9	18.5#



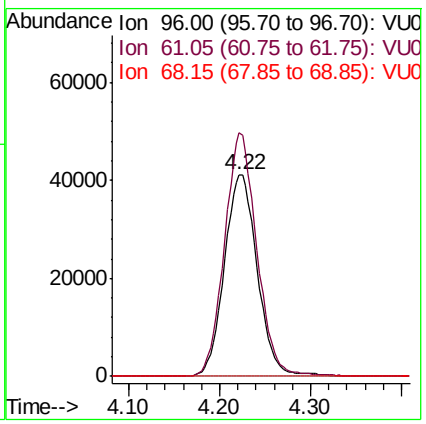


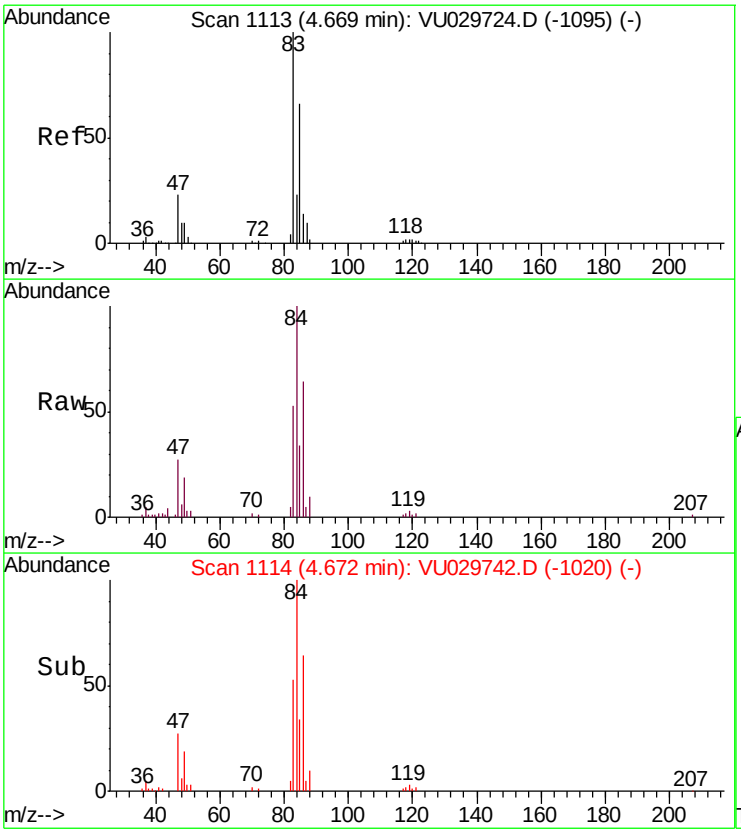
#22
cis-1,2-Dichloroethene
Concen: 5.757 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument :
MSVOA_U
ClientSampleId :
CWJY0

Tgt Ion: 96 Resp: 103403

Ion	Ratio	Lower	Upper
96	100		
61	120.8	80.2	149.0
68	0.0	0.0	0.0

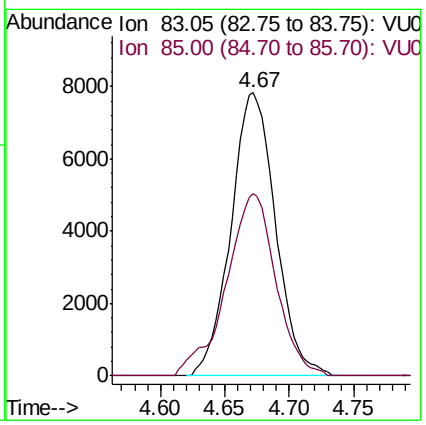


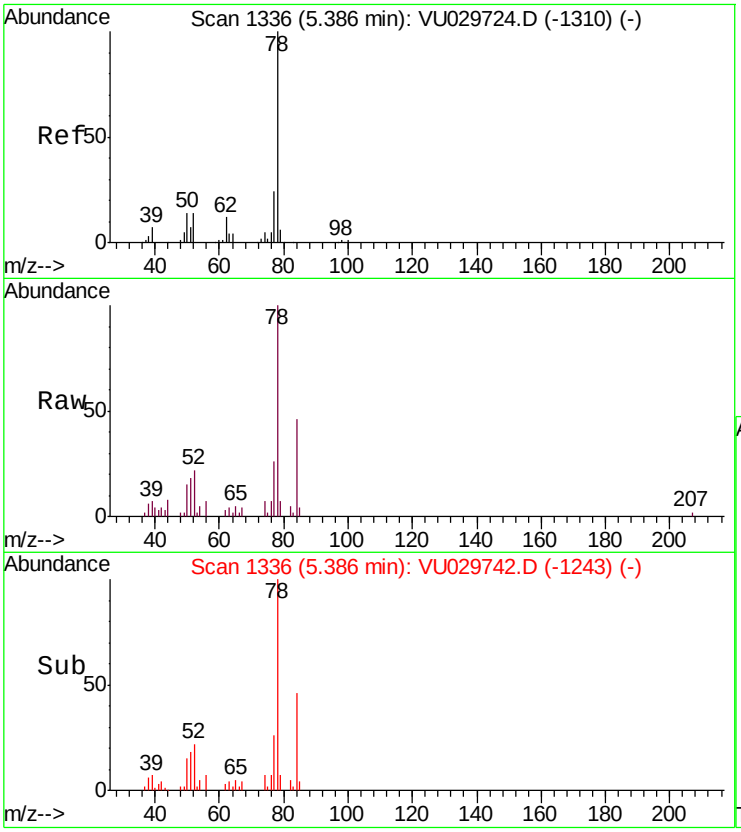


#25
Chloroform
Concen: 0.617 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 83 Resp: 18851

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.6	84.6

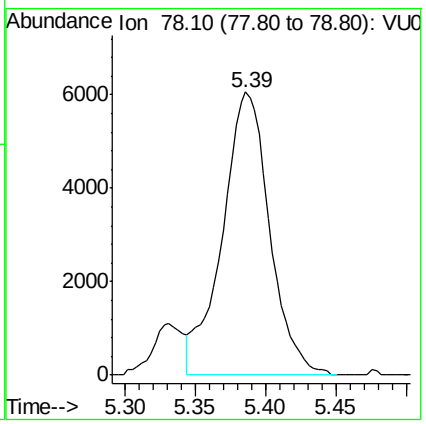


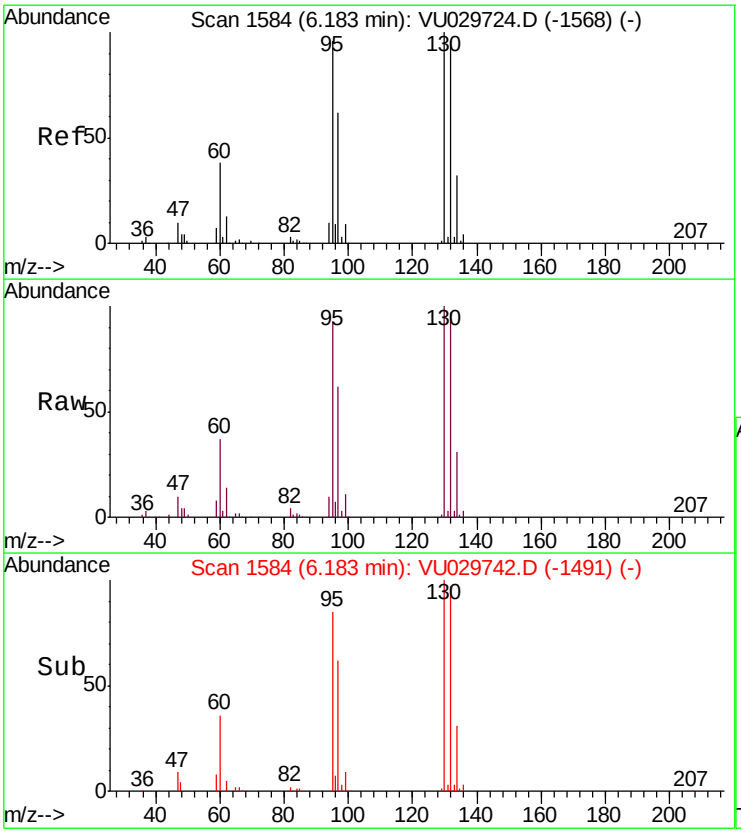


#33
Benzene
Concen: 0.231 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument :
MSVOA_U
ClientSampleId :
CWJY0

Tgt Ion: 78 Resp: 14212

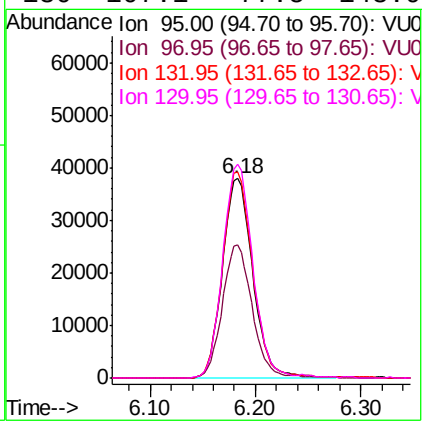


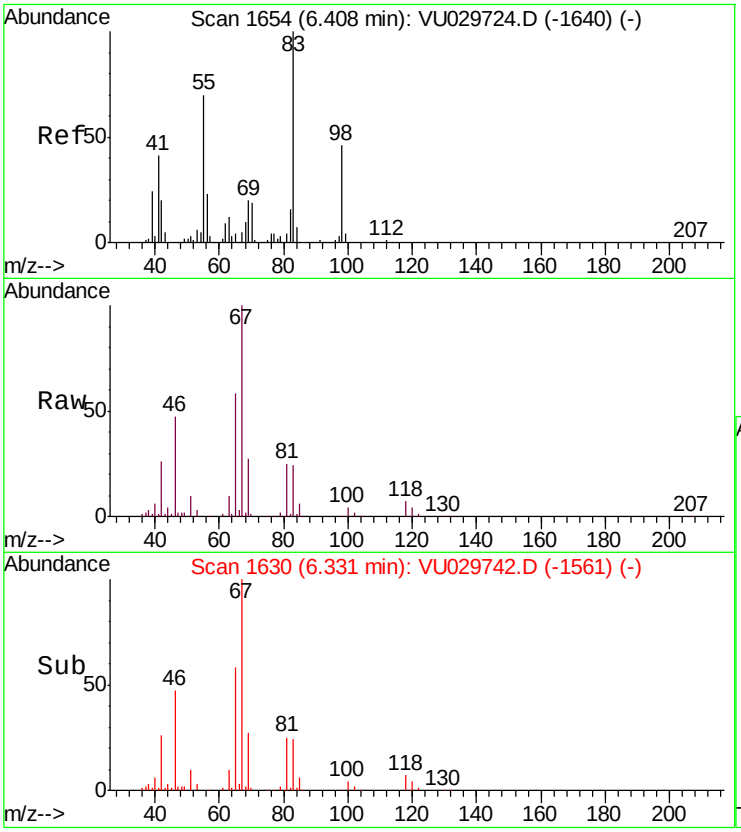


#34
Trichloroethene
Concen: 4.417 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 95 Resp: 75909

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.6	84.8
132	103.6	72.9	135.3
130	107.1	77.5	143.9



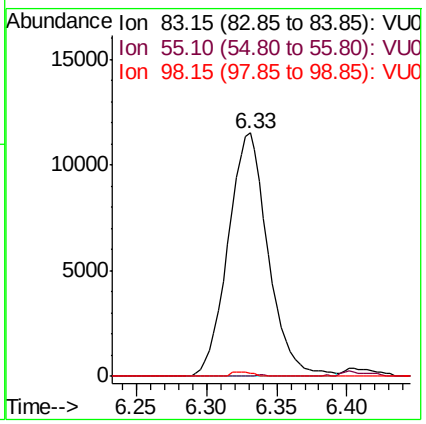


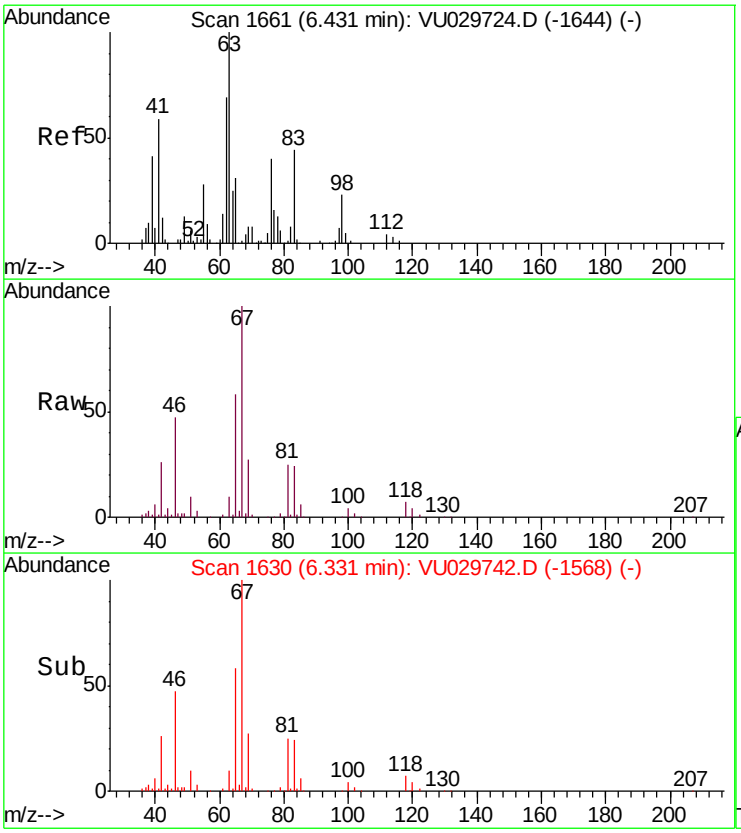
#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument :
MSVOA_U
ClientSampleId :
CWJY0

Tgt Ion: 83 Resp: 22859

Ion	Ratio	Lower	Upper
83	100		
55	0.2	56.5	84.7#
98	0.9	39.4	59.2#

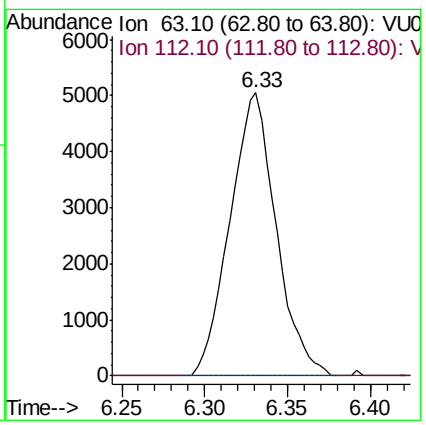


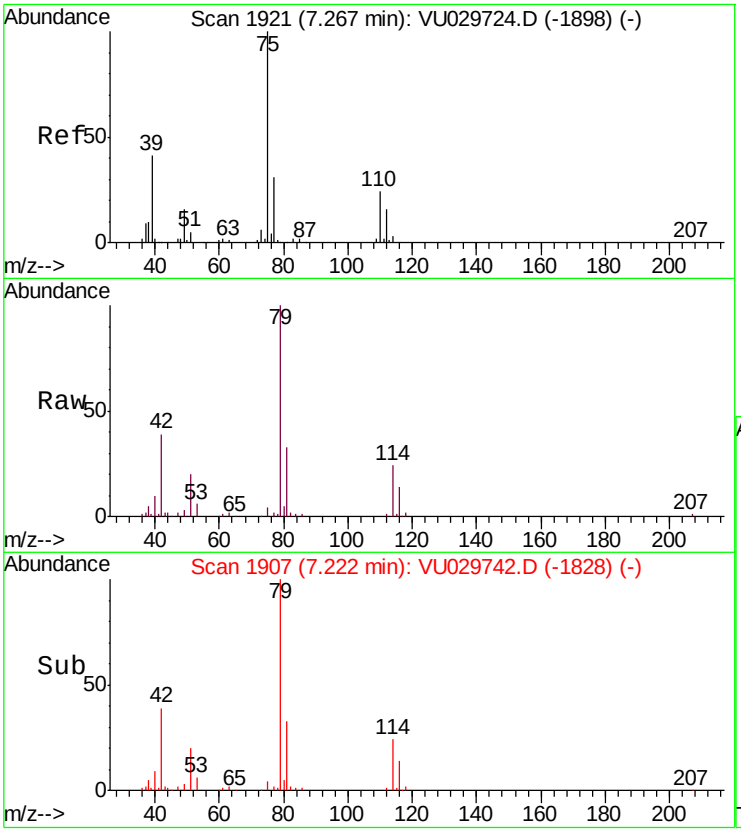


#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 63 Resp: 9762

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



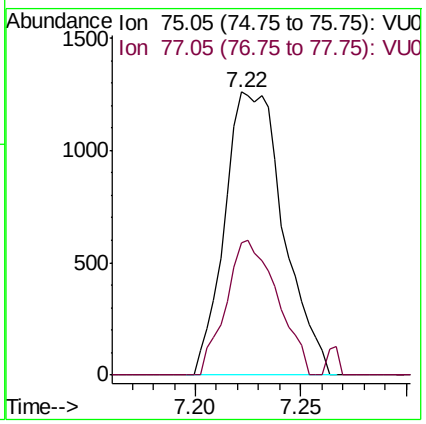


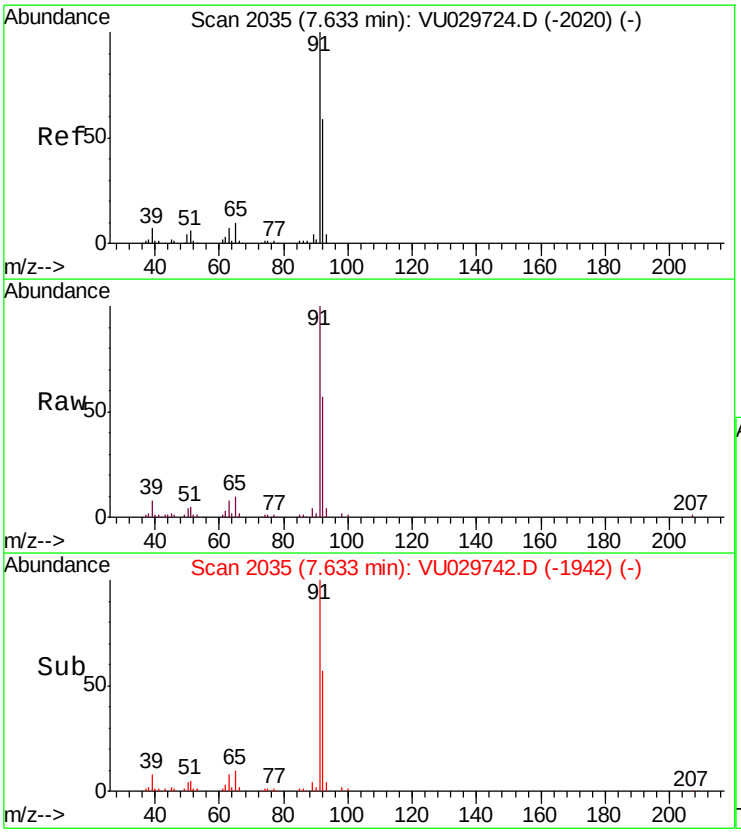
#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument : MSVOA_U
ClientSampleId : CWJY0

Tgt Ion: 75 Resp: 2438

Ion	Ratio	Lower	Upper
75	100		
77	46.9	22.3	41.5#

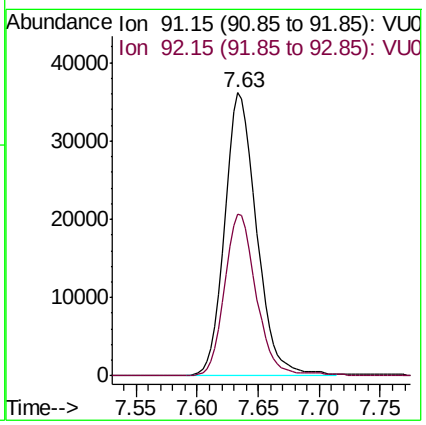


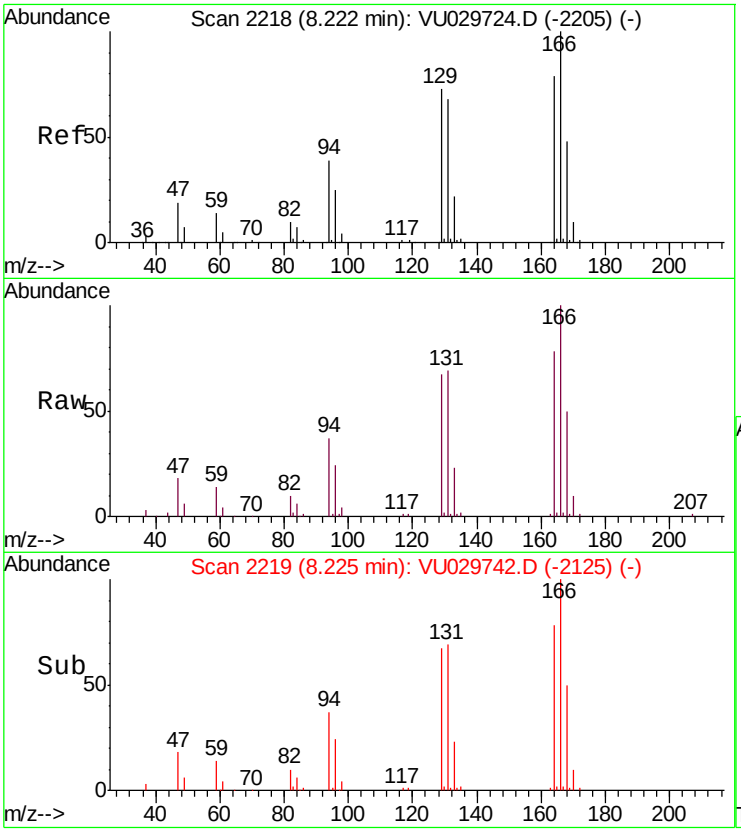


#42
Toluene
Concen: 0.949 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 91 Resp: 66260

Ion	Ratio	Lower	Upper
91	100		
92	57.0	40.1	74.5



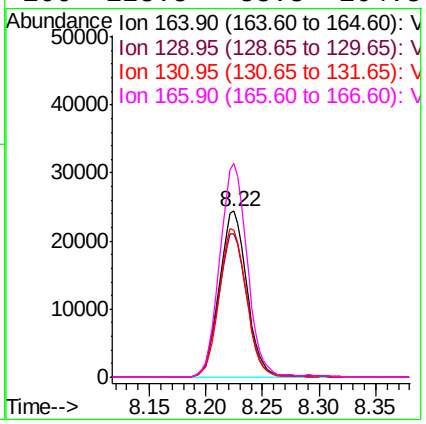


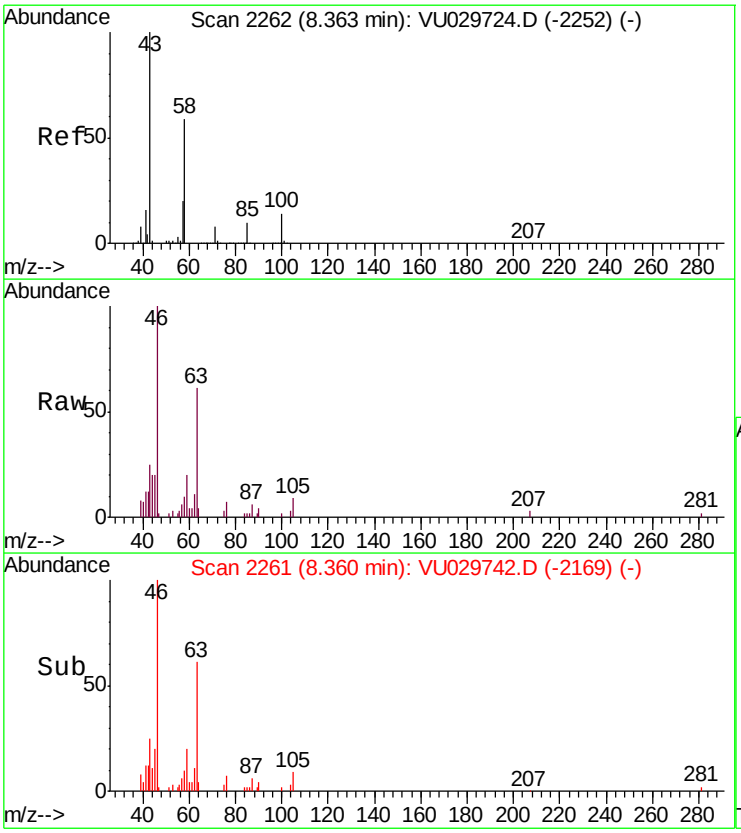
#47
Tetrachloroethene
Concen: 2.621 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument : MSVOA_U
ClientSampleId : CWJY0

Tgt Ion:164 Resp: 41825

Ion	Ratio	Lower	Upper
164	100		
129	86.5	62.9	116.7
131	88.5	61.8	114.8
166	128.5	88.8	164.8

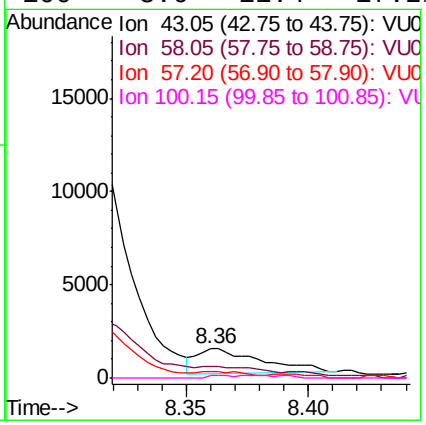


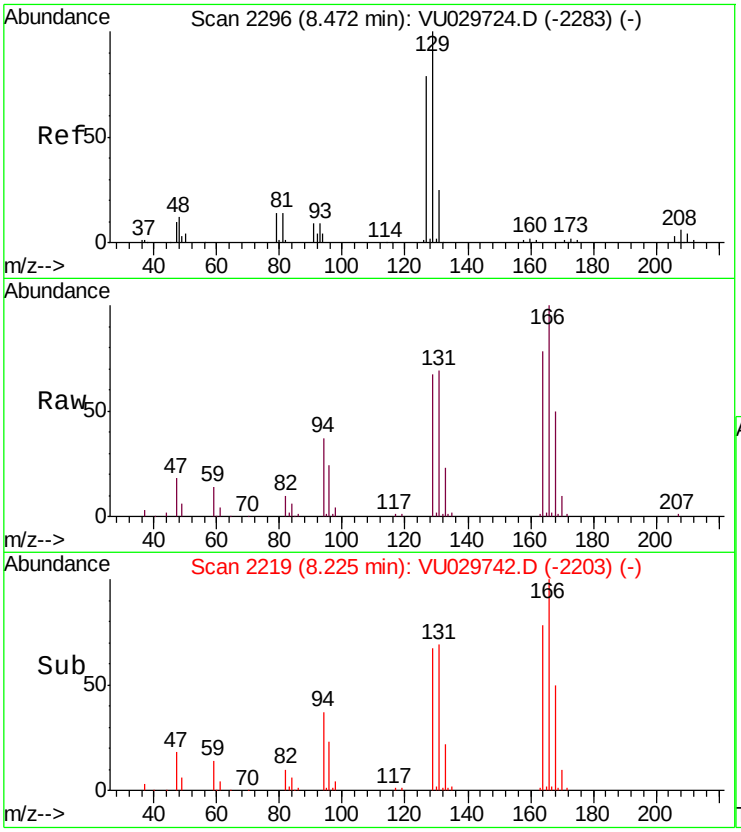


#48
2-Hexanone
Concen: 0.392 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 43 Resp: 2497

Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.6	69.8#
57	15.1	15.9	23.9#
100	3.6	11.4	17.2#



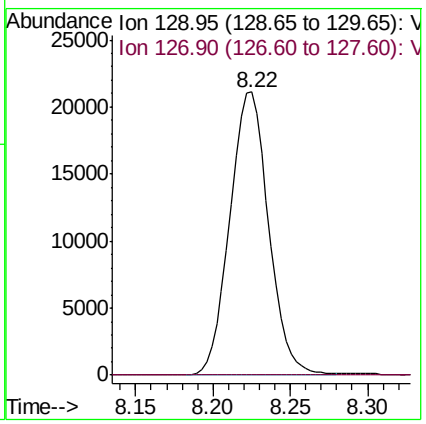


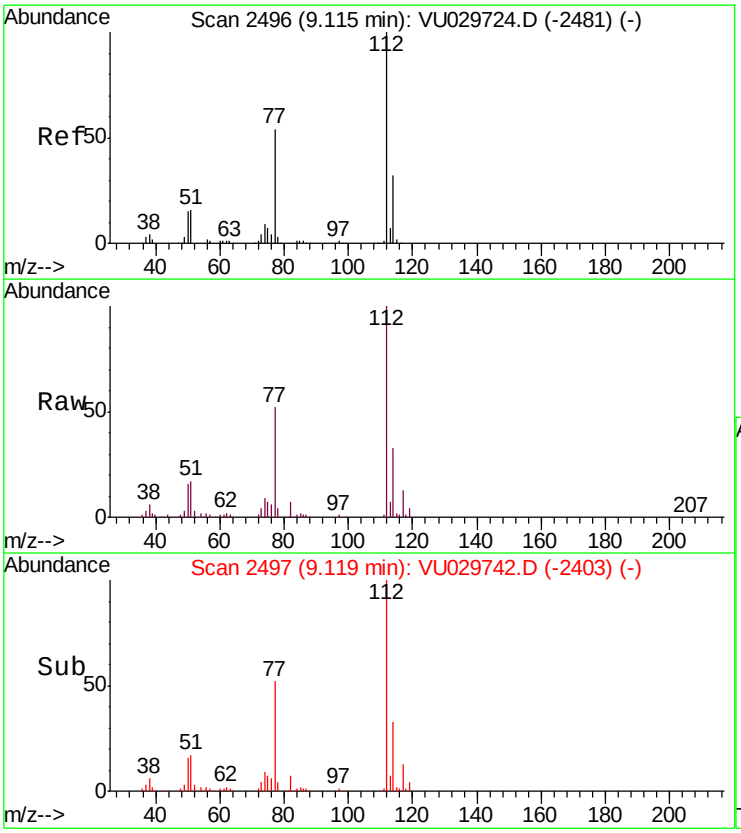
#49
Dibromochloromethane
Concen: 2.504 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument : MSVOA_U
ClientSampleId : CWJY0

Tgt Ion:129 Resp: 36838

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#

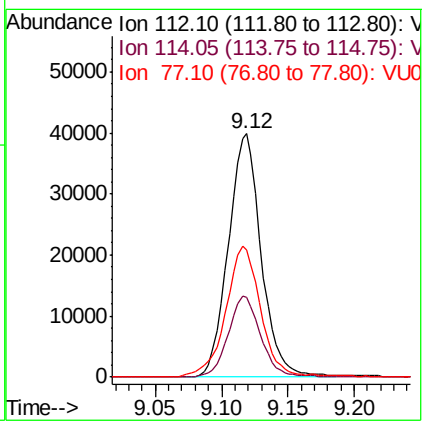


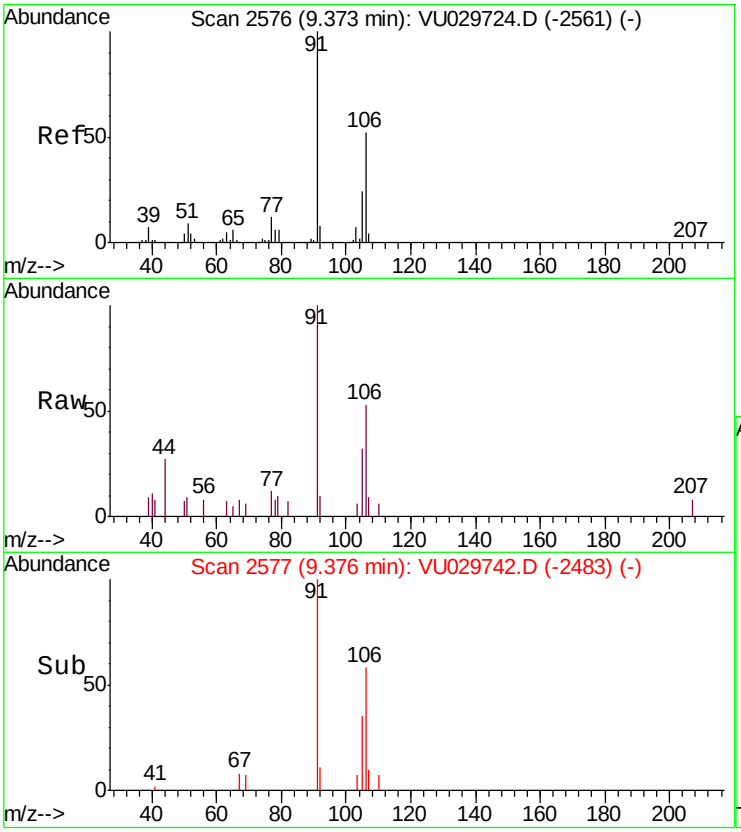


#51
Chlorobenzene
Concen: 1.432 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion:112 Resp: 68717

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.3	41.3
77	52.1	42.7	64.1



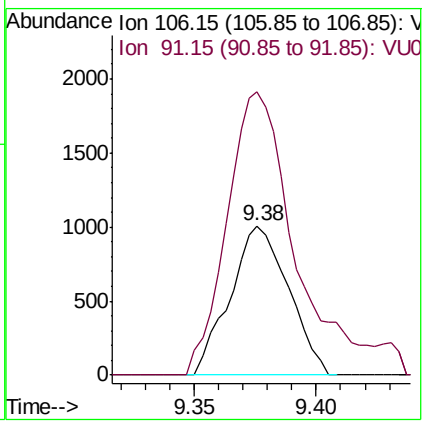


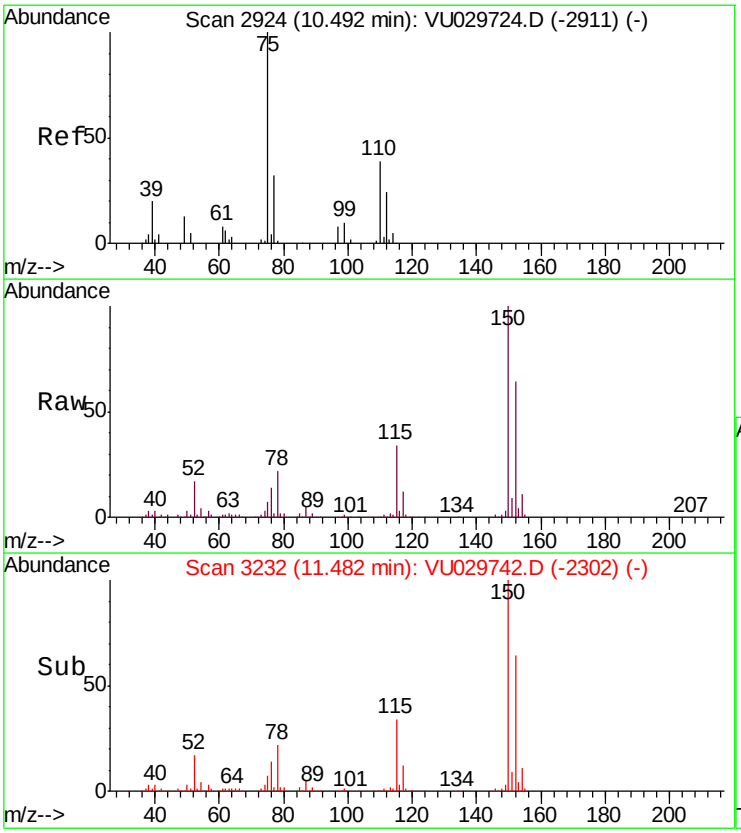
#53
m,p-xylene
Concen: 0.053 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument :
MSVOA_U
ClientSampleId :
CWJY0

Tgt Ion:106 Resp: 1674

Ion	Ratio	Lower	Upper
106	100		
91	189.3	136.0	252.6

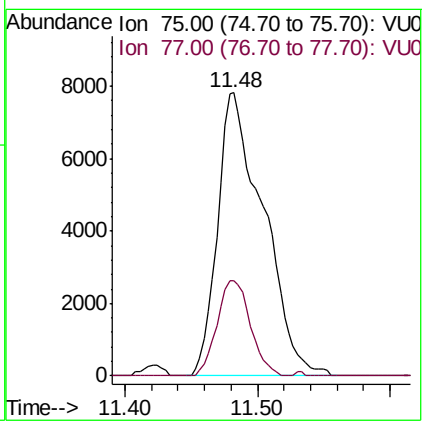


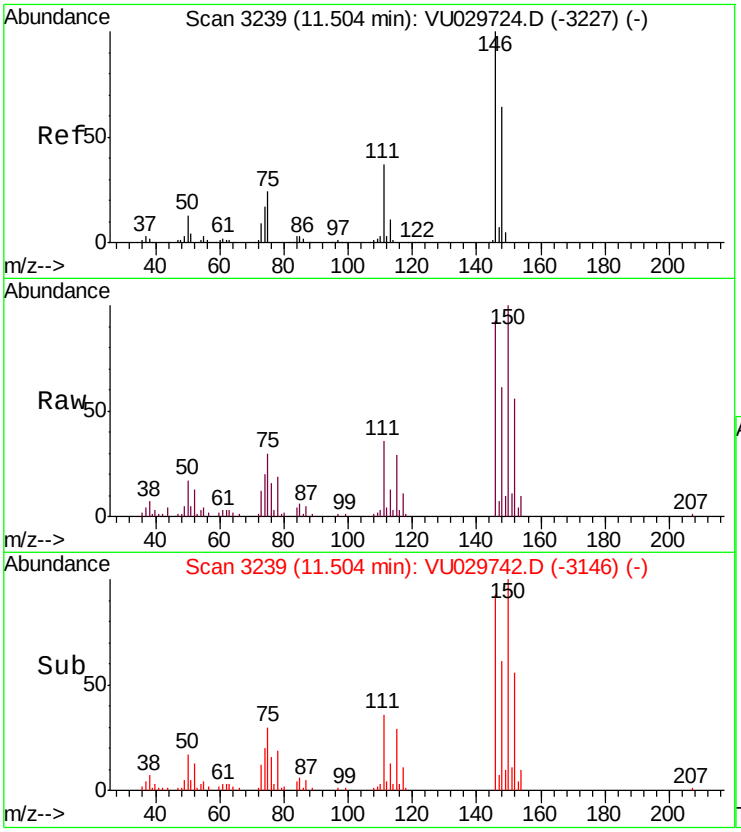


#59
1,2,3-Trichloropropane
Concen: 1.809 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 75 Resp: 18739

Ion	Ratio	Lower	Upper
75	100		
77	24.5	25.6	38.4#



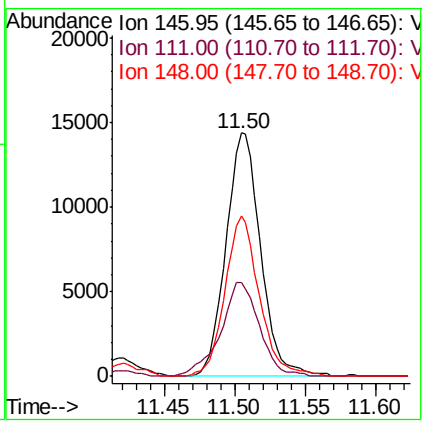


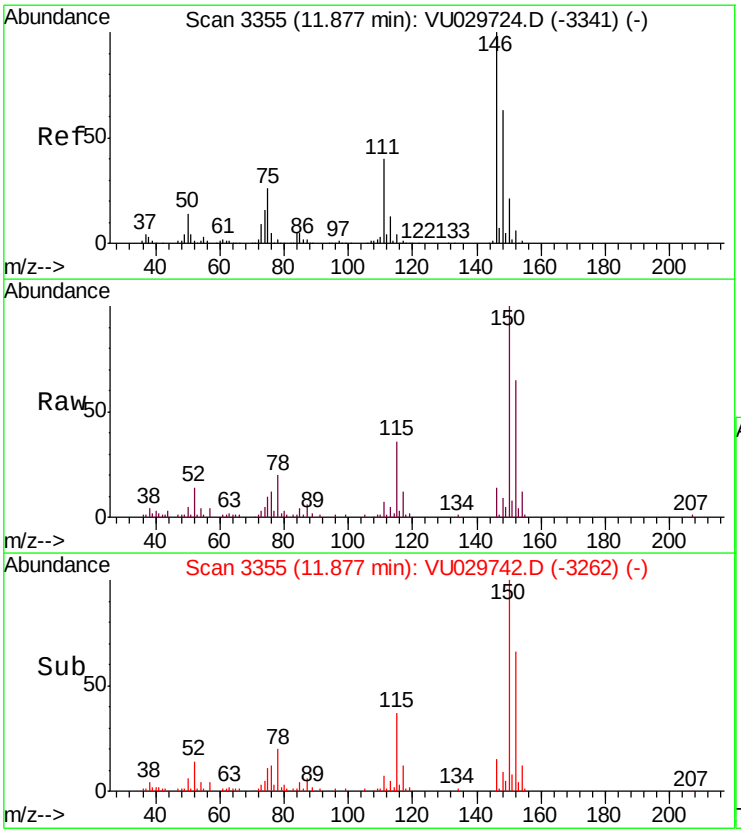
#63
1,4-Dichlorobenzene
Concen: 0.643 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Instrument : MSVOA_U
ClientSampleId : CWJY0

Tgt Ion:146 Resp: 24744

Ion	Ratio	Lower	Upper
146	100		
111	38.7	25.4	47.2
148	65.9	43.7	81.1





#65
1,2-Dichlorobenzene
Concen: 0.147 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion:146 Resp: 5389

Ion	Ratio	Lower	Upper
146	100		
111	46.1	32.2	48.2
148	62.9	52.2	78.4