Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122319\

Quantitation Report (Not Reviewed)

Data File : VU036329.D
Acq On : 23 Dec 2019 16:25
Operator : JC/MD
Sample : K6282-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Quant Time: Dec 24 00:22:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248834	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	109176	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	132215	6.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.60%			
7) Chloroethane-d5	1.93	69	112138	5.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.20%			
11) 1,1-Dichloroethene-d2	2.59	63	133704	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.60%			
20) 2-Butanone-d5	4.68	46	203340	49.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.06%			
24) Chloroform-d	5.11	84	184548	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.75	65	96465	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.77	84	358513	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
36) 1,2-Dichloropropane-d6	6.73	67	112827	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.40%			
41) Toluene-d8	7.93	98	299262	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	8.21	79	43302	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
46) 2-Hexanone-d5	8.67	63	161675	47.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.90%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	95661	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	112330	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	2709	0.147	ug/L #	1
13) Acetone	2.66	43	13470	3.765	ug/L	91
16) Methylene chloride	3.08	84	5238	0.193	ug/L	91
17) Methyl tert-butyl Ether	3.42	73	5805	0.147	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	57471	2.771	ug/L	99
34) Trichloroethene	6.58	95	215388	10.046	ug/L	98
35) Methylcyclohexane	6.73	83	26432	0.867	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	12345	0.582	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3016	0.104	ug/L #	59
42) Toluene	8.00	91	106339	1.193	ug/L	100
48) 2-Hexanone	8.67	43	20223	2.442	ug/L #	71
59) 1,2,3-Trichloropropane	11.84	75	12891	0.914	ug/L	96
62) 1,3-Dichlorobenzene	11.86	146	2609	0.071	ug/L #	90
63) 1,4-Dichlorobenzene	11.86	146	2609	0.071	ug/L #	89
65) 1,2-Dichlorobenzene	12.23	146	3004	0.086	ug/L #	76

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122319\

Quantitation Report (Not Reviewed)

Data File : VU036329.D
Acq On : 23 Dec 2019 16:25
Operator : JC/MD
Sample : K6282-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Quant Time: Dec 24 00:22:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 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\VU122319\

Quantitation Report (Not Reviewed)

Data File : VU036329.D
Acq On : 23 Dec 2019 16:25
Operator : JC/MD
Sample : K6282-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
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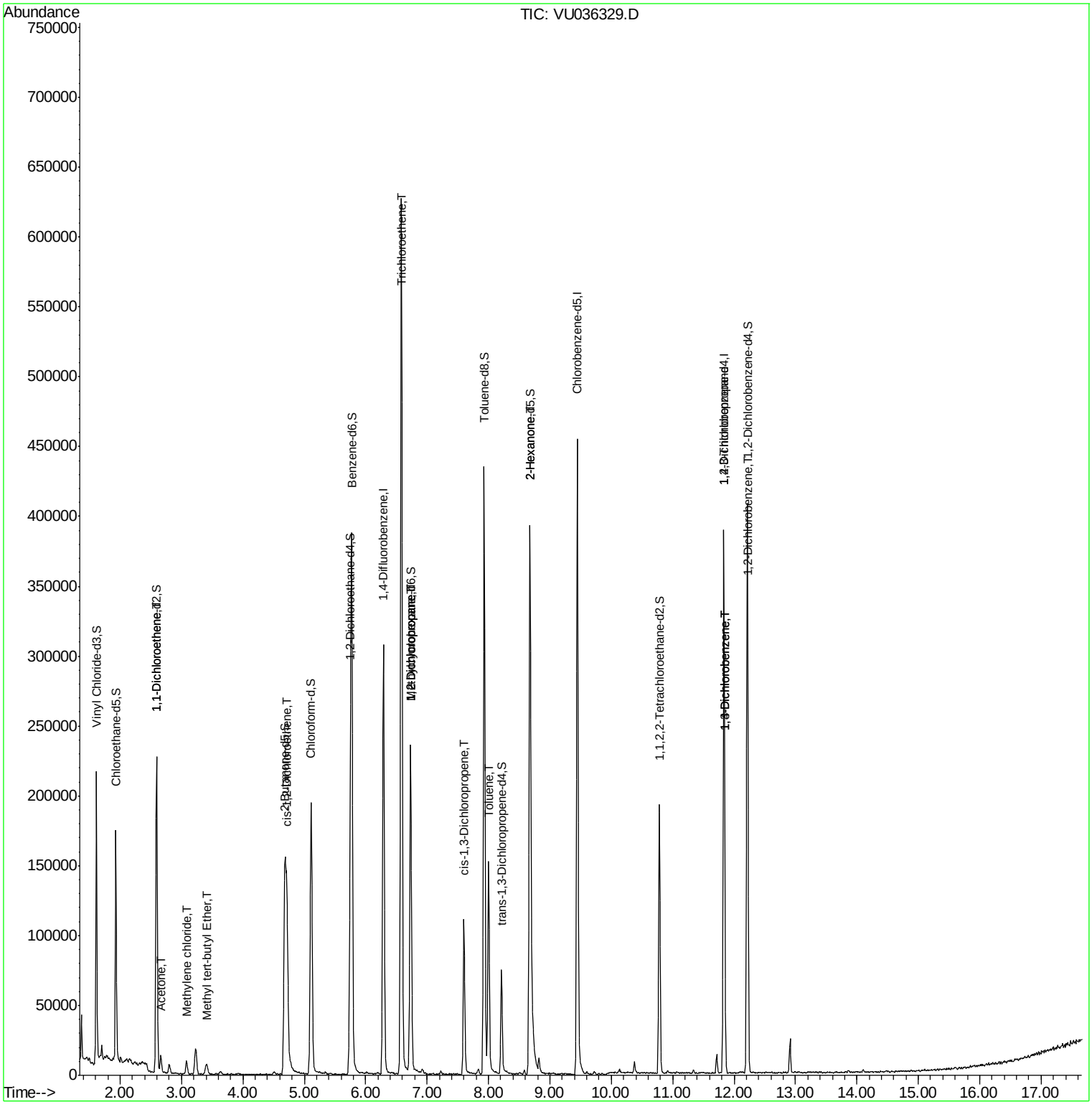
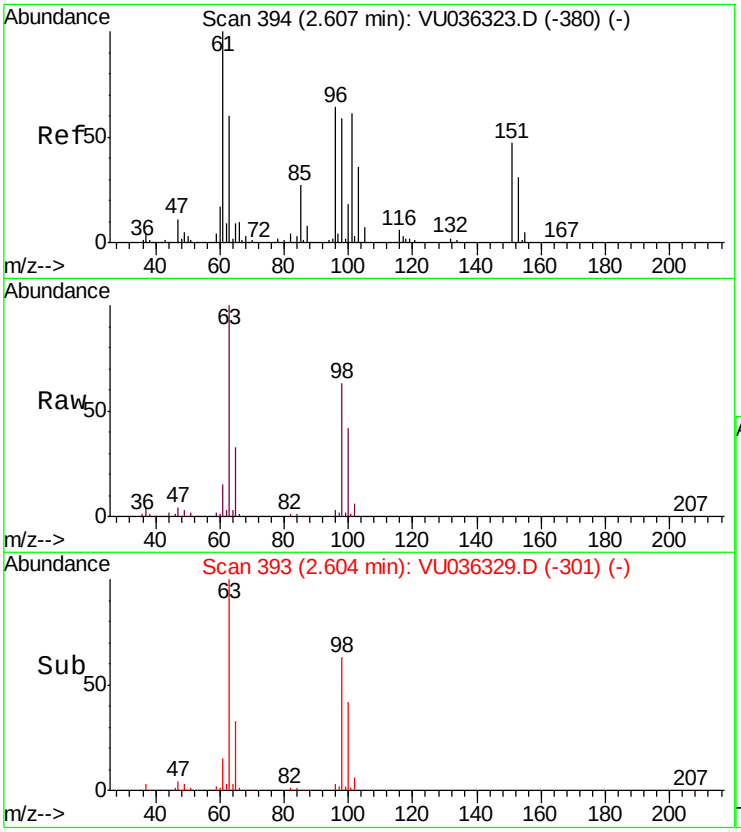
Quant Time: Dec 24 00:22:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration



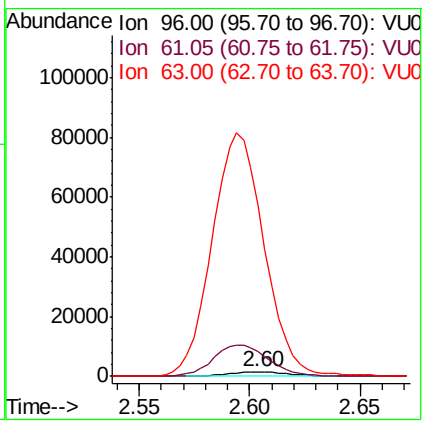


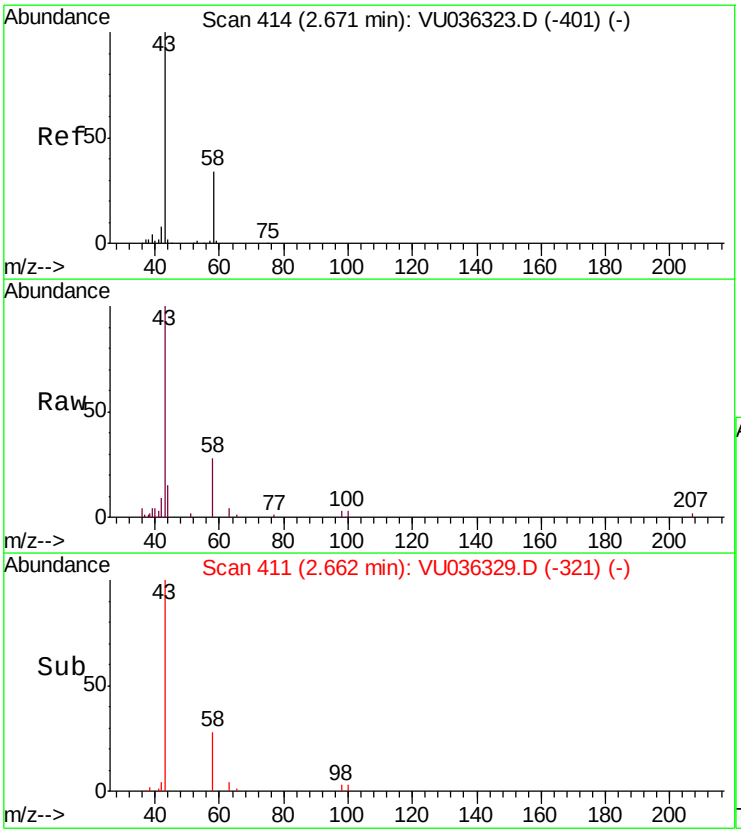
#12
1,1-Dichloroethene
Concen: 0.147 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 96 Resp: 2709

Ion	Ratio	Lower	Upper
96	100		
61	564.9	114.0	211.8#
63	3883.1	63.6	118.0#

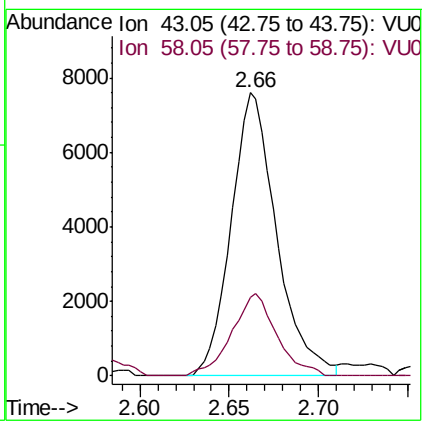


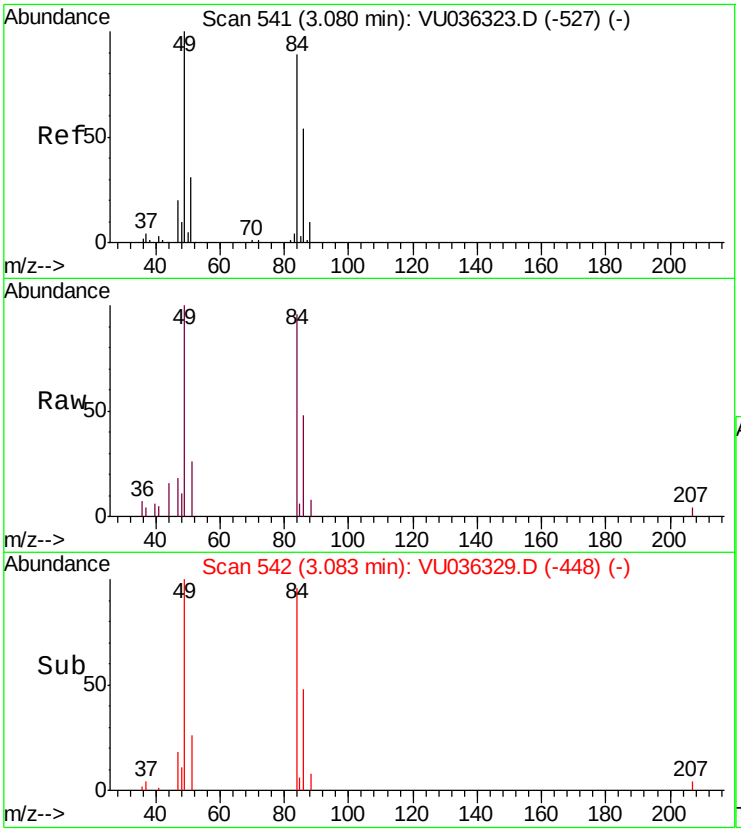


#13
Acetone
Concen: 3.765 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Tgt Ion: 43 Resp: 13470

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	67.6



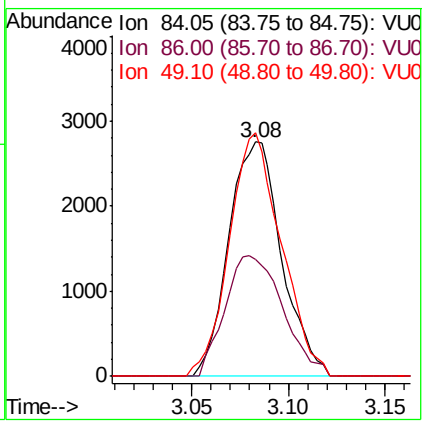


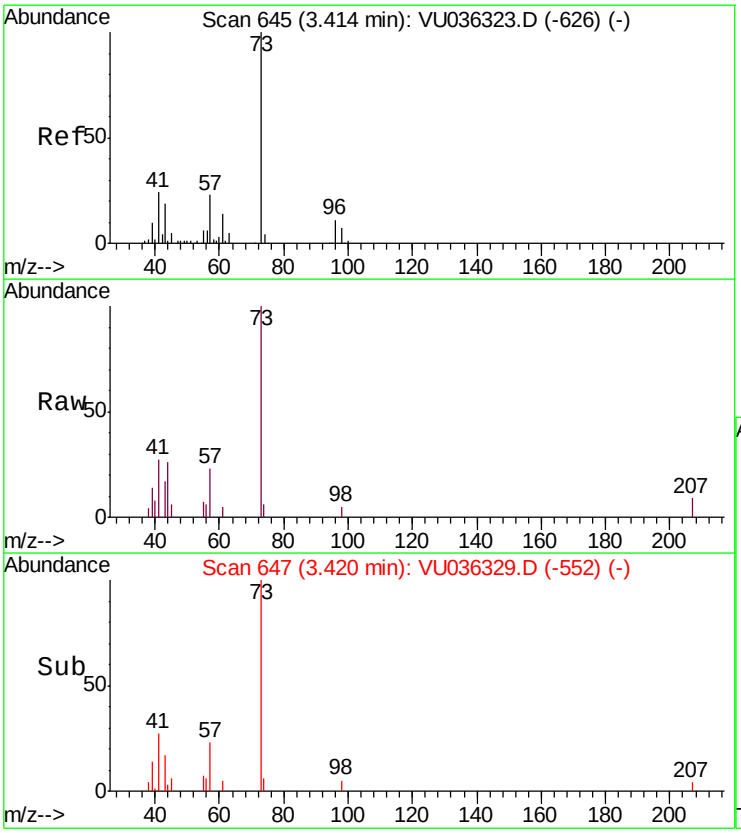
#16
Methylene chloride
Concen: 0.193 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 84 Resp: 5238

Ion	Ratio	Lower	Upper
84	100		
86	49.7	43.0	79.8
49	104.0	77.3	143.5

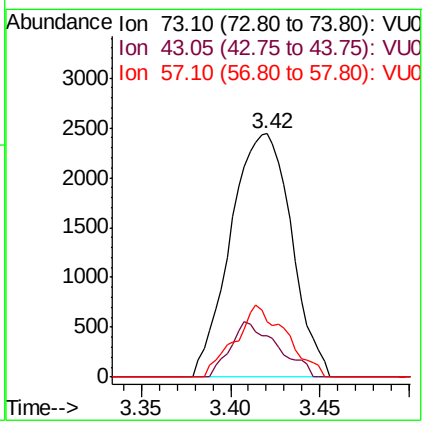


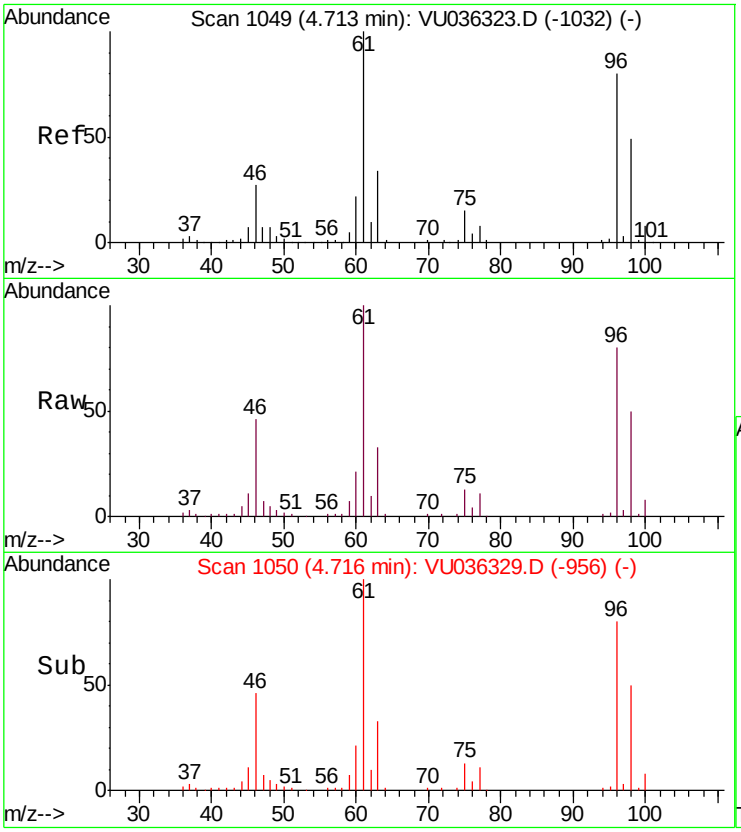


#17
Methyl tert-butyl Ether
Concen: 0.147 ug/L
RT: 3.42 min Scan# 647
Delta R.T. 0.01 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Tgt Ion: 73 Resp: 5805

Ion	Ratio	Lower	Upper
73	100		
43	17.5	15.3	22.9
57	25.0	18.2	27.2



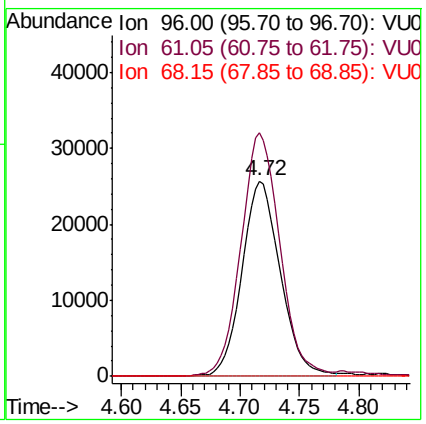


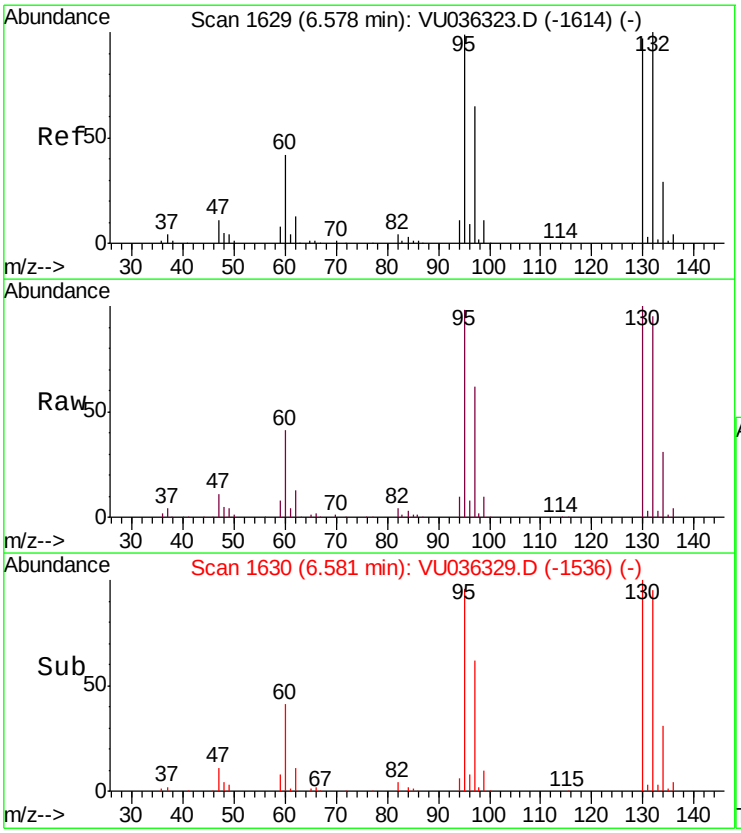
#22
cis-1,2-Dichloroethene
Concen: 2.771 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion: 96 Resp: 57471

Ion	Ratio	Lower	Upper
96	100		
61	124.9	86.7	161.1
68	0.0	0.0	0.0

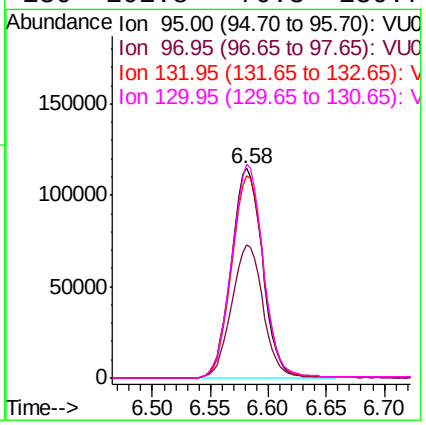


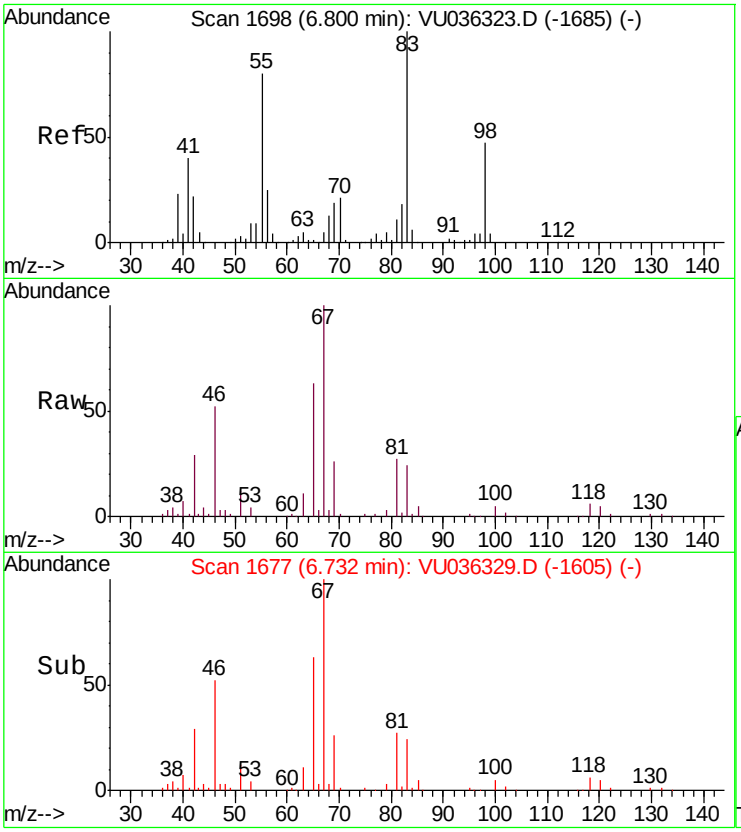


#34
Trichloroethene
Concen: 10.046 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Tgt Ion: 95 Resp: 215388

Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.6	81.0
132	96.5	69.6	129.2
130	101.8	70.3	130.7



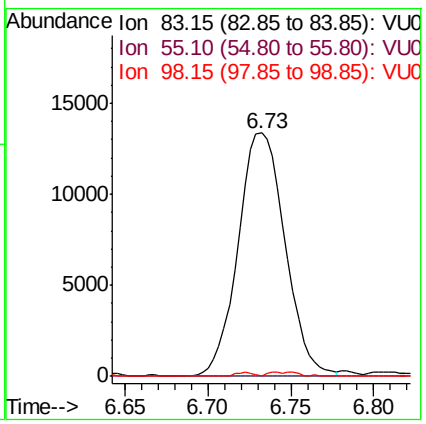


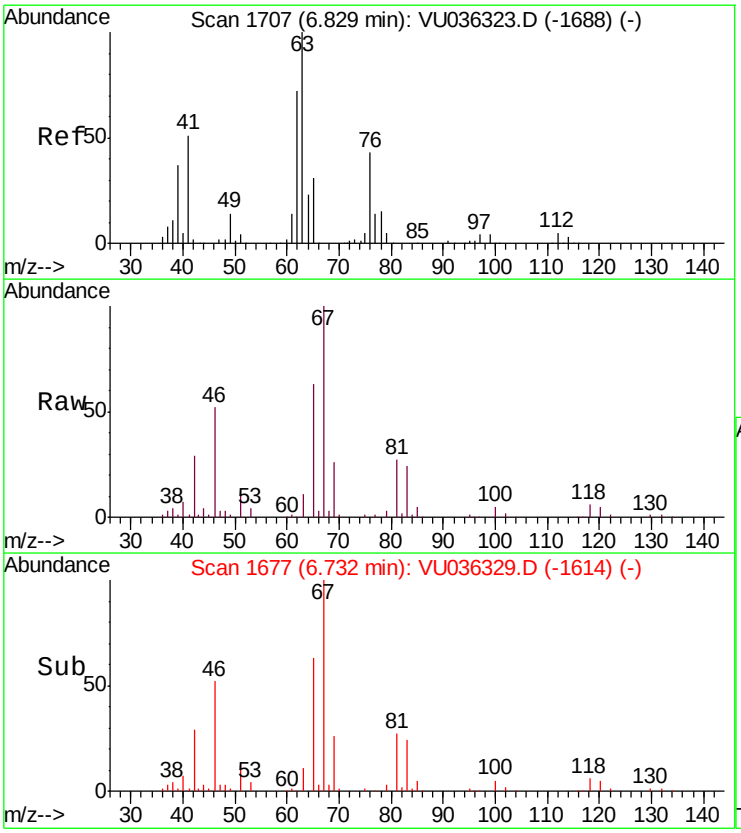
#35
Methylcyclohexane
Concen: 0.867 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 83 Resp: 26432

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.6	94.0#
98	0.6	36.2	54.2#

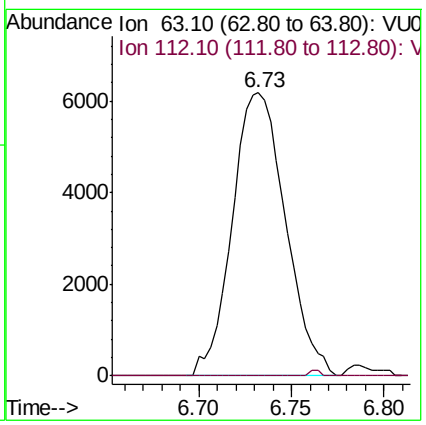


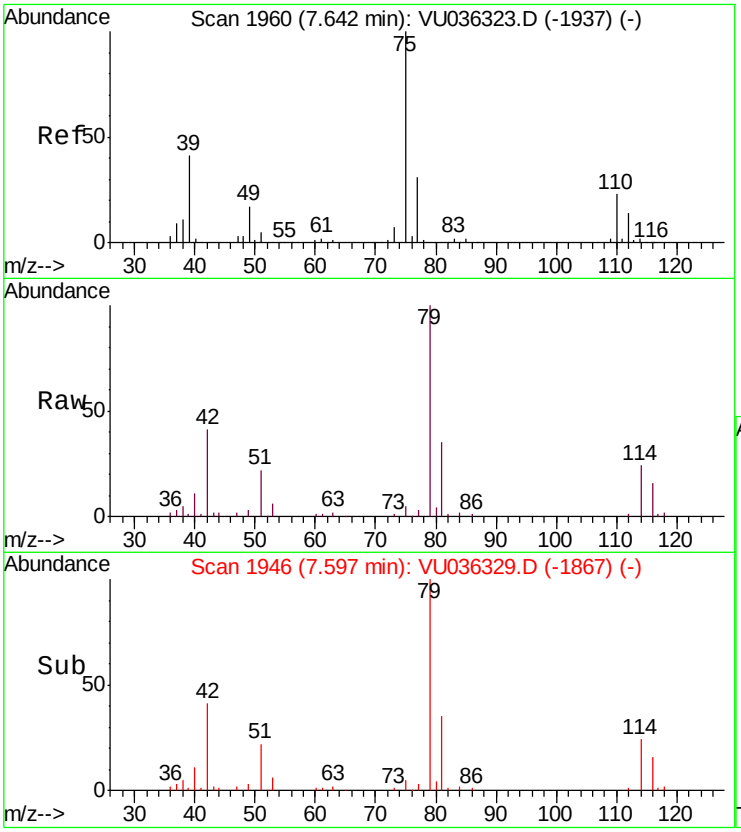


#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Tgt Ion: 63 Resp: 12345

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#



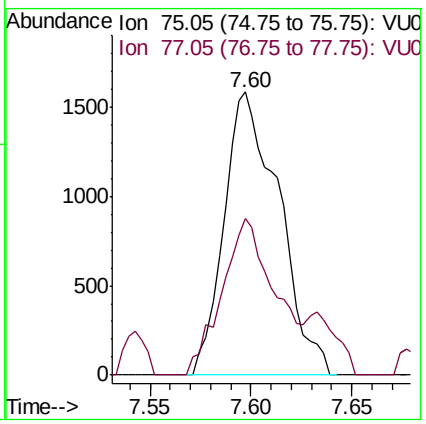


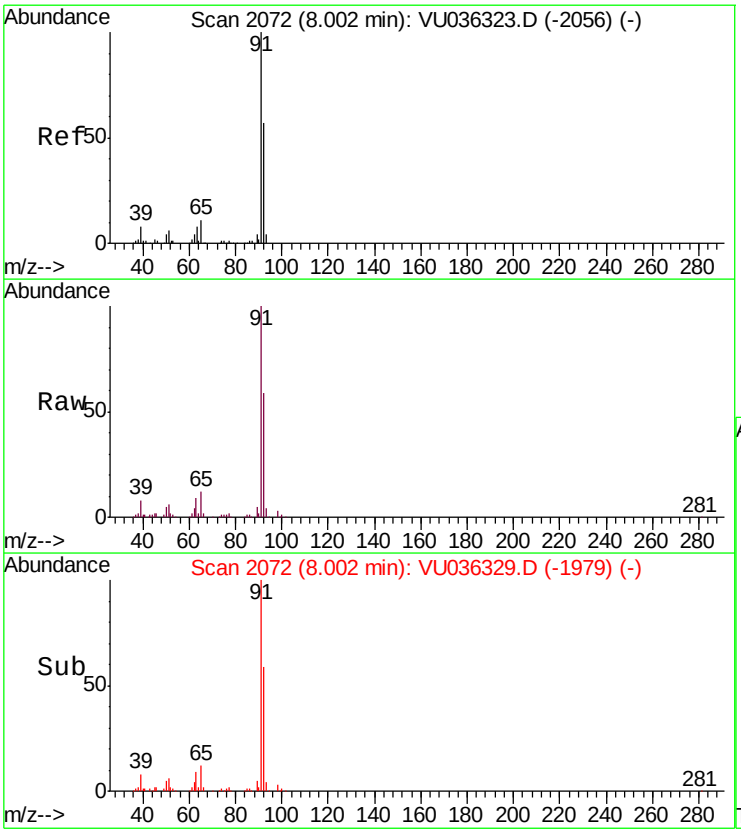
#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.05 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion: 75 Resp: 3016

Ion	Ratio	Lower	Upper
75	100		
77	55.4	22.7	42.1#

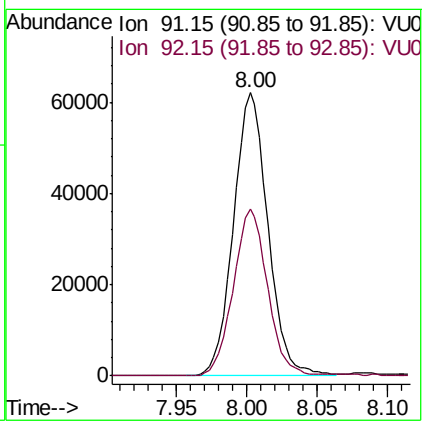


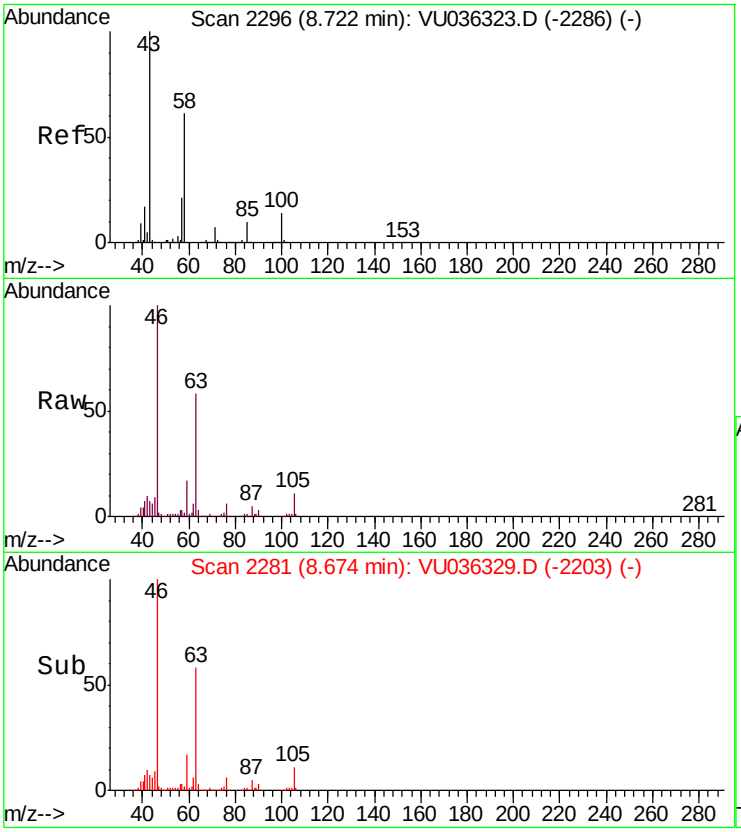


#42
Toluene
Concen: 1.193 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Tgt Ion: 91 Resp: 106339

Ion	Ratio	Lower	Upper
91	100		
92	58.9	41.2	76.6



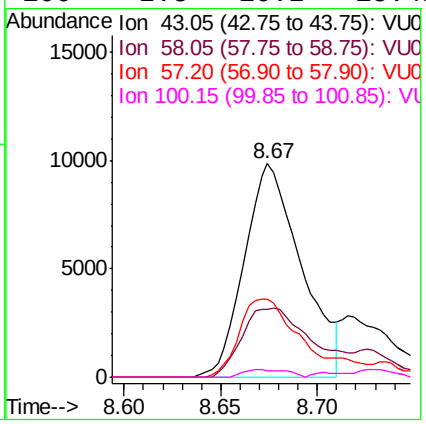


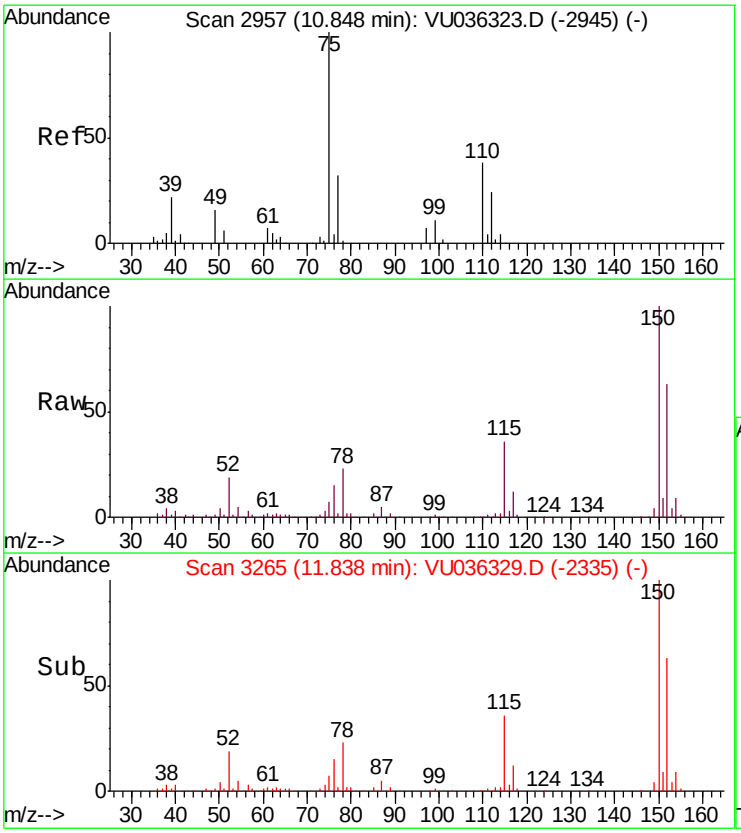
#48
2-Hexanone
Concen: 2.442 ug/L
RT: 8.67 min Scan# 2281
Delta R.T. -0.05 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 43 Resp: 20223

Ion	Ratio	Lower	Upper
43	100		
58	39.9	46.2	69.2#
57	41.5	16.2	24.4#
100	2.8	10.2	15.4#

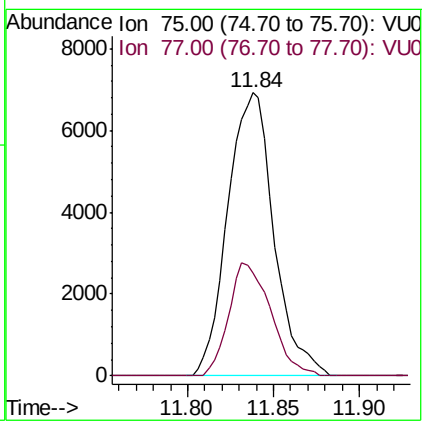


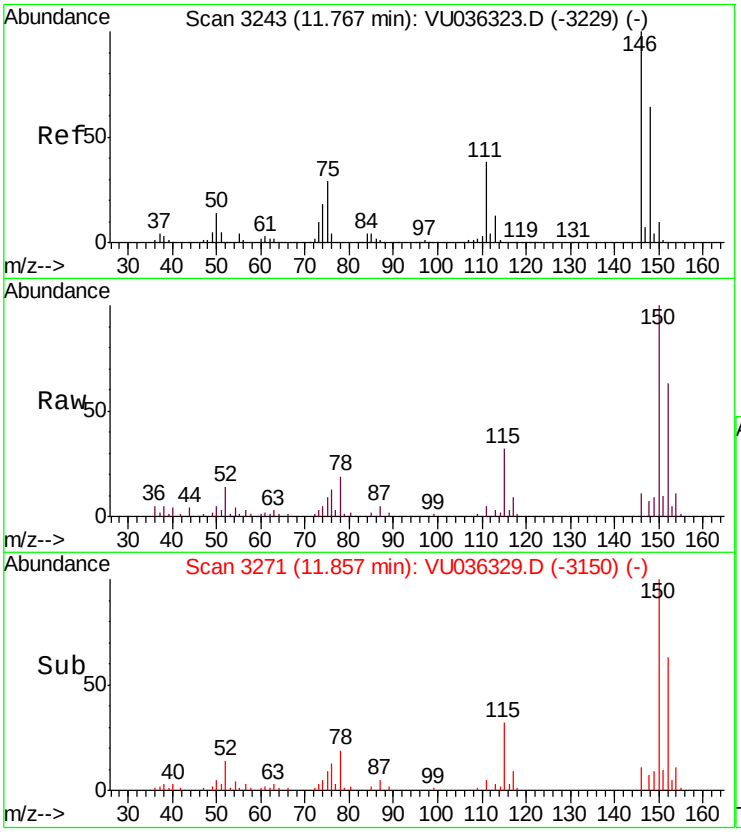


#59
1,2,3-Trichloropropane
Concen: 0.914 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Tgt Ion: 75 Resp: 12891

Ion	Ratio	Lower	Upper
75	100		
77	36.2	27.2	40.8



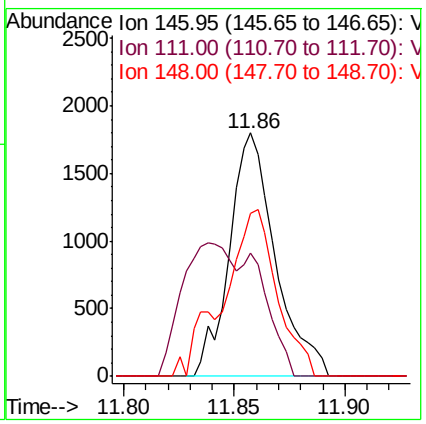


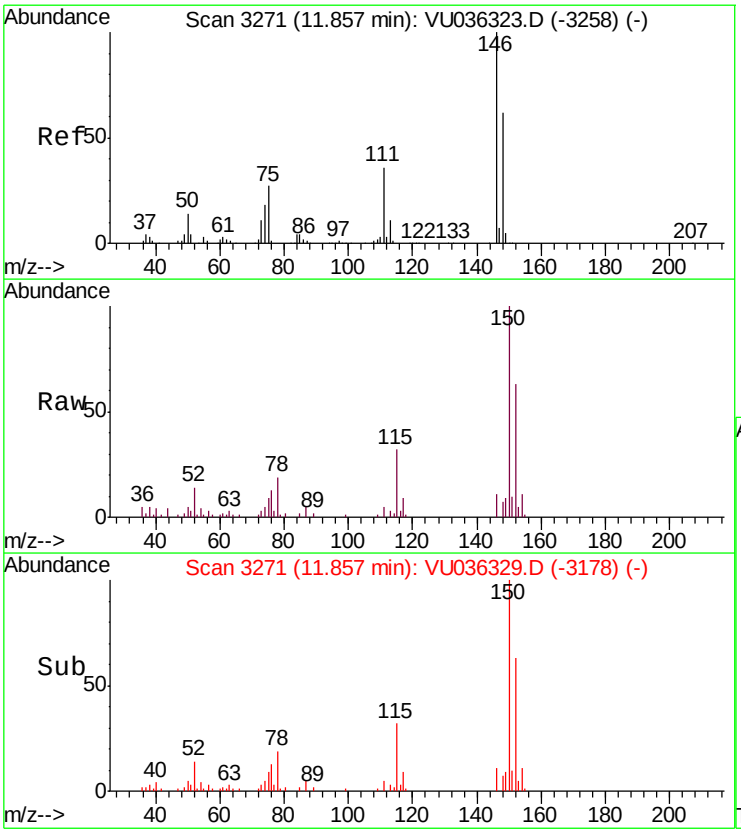
#62
1,3-Dichlorobenzene
Concen: 0.071 ug/L
RT: 11.86 min Scan# 3271
Delta R.T. 0.09 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion:146 Resp: 2609

Ion	Ratio	Lower	Upper
146	100		
111	50.7	26.3	48.9#
148	67.1	45.1	83.9

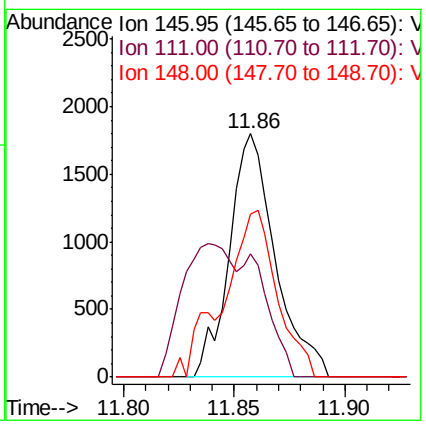


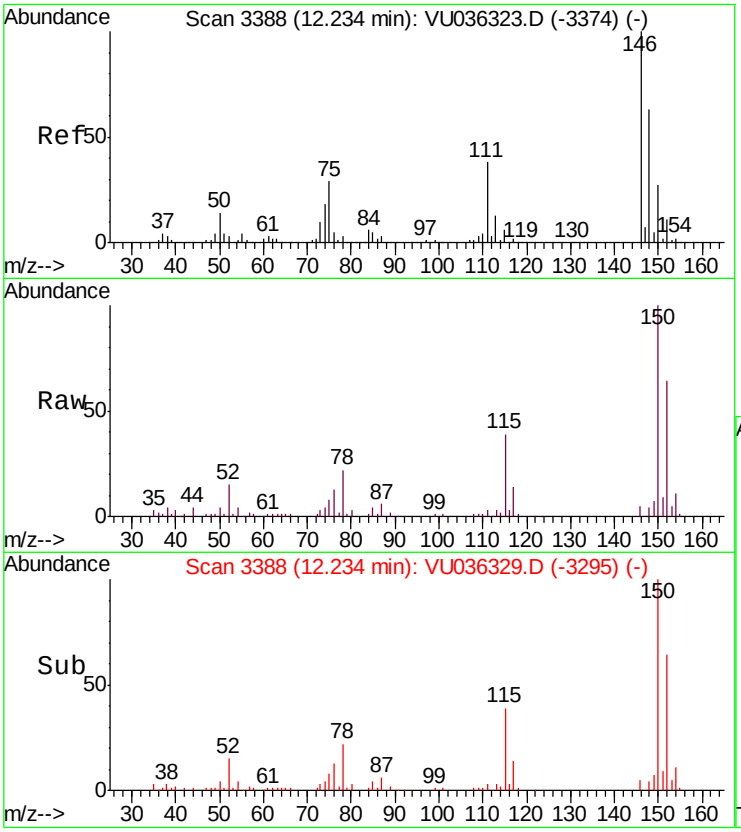


#63
1,4-Dichlorobenzene
Concen: 0.071 ug/L
RT: 11.86 min Scan# 3271
Delta R.T. -0.00 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Tgt Ion:146 Resp: 2609

Ion	Ratio	Lower	Upper
146	100		
111	50.7	25.8	48.0#
148	67.1	44.7	82.9





#65
1,2-Dichlorobenzene
Concen: 0.086 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VU036329.D
Acq: 23 Dec 2019 16:25

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion:146 Resp: 3004

Ion	Ratio	Lower	Upper
146	100		
111	57.2	32.5	48.7#
148	78.7	49.2	73.8#