Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

Quantitation Report (Not Reviewed)

Data File : VU035999.D
Acq On : 05 Dec 2019 17:32
Operator : JC/SP
Sample : VIBLK60
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK22

Quant Time: Dec 06 01:01:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	266028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292368	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	96199	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	123973	4.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.80%			
7) Chloroethane-d5	1.93	69	109291	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.59	63	141162	3.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.80%			
20) 2-Butanone-d5	4.70	46	290287	54.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.12%			
24) Chloroform-d	5.11	84	204527	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.75	65	112325	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.77	84	398149	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.73	67	129122	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.93	98	319379	4.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.20%			
43) trans-1,3-Dichloropropene-	8.21	79	48038	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.68	63	229465	51.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.04%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	120484	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	107539	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	3695	0.117	ug/L	94
12) 1,1-Dichloroethene	2.59	96	1627	0.085	ug/L #	1
13) Acetone	2.68	43	8009	1.650	ug/L	72
15) Methyl Acetate	2.87	43	19167	2.203	ug/L #	50
16) Methylene chloride	3.09	84	2748	0.093	ug/L	91
25) Chloroform	5.14	83	17301	0.434	ug/L	92
34) Trichloroethene	6.58	95	2980	0.128	ug/L #	78
35) Methylcyclohexane	6.73	83	29520	0.847	ug/L #	17
37) 1,2-Dichloropropane	6.73	63	13910	0.559	ug/L #	89
48) 2-Hexanone	8.73	43	11617	1.075	ug/L #	76
62) 1,3-Dichlorobenzene	11.77	146	2227	0.070	ug/L	84
63) 1,4-Dichlorobenzene	11.86	146	2450	0.077	ug/L	89
65) 1,2-Dichlorobenzene	12.24	146	2561	0.084	ug/L #	78
67) 1,3,5-Trichlorobenzene	13.24	180	1940	0.089	ug/L #	87
68) 1,2,4-trichlorobenzene	13.86	180	1491	0.127	ug/L #	93
69) Naphthalene	14.11	128	2255	0.169	ug/L #	80
70) 1,2,3-Trichlorobenzene	14.35	180	1680	0.145	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

Quantitation Report (Not Reviewed)

Data File : VU035999.D
Acq On : 05 Dec 2019 17:32
Operator : JC/SP
Sample : VIBLK60
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK22

Quant Time: Dec 06 01:01:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

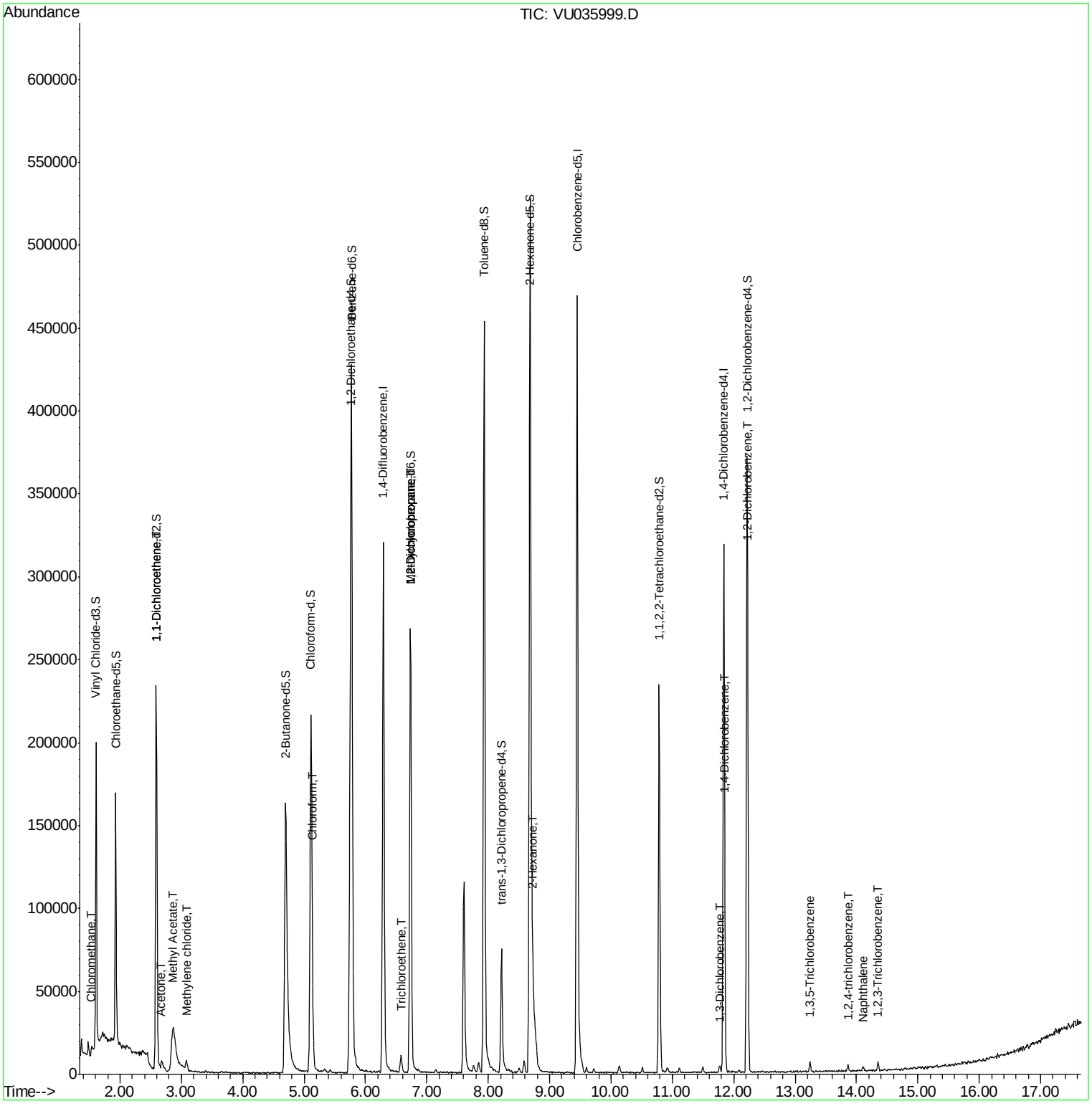
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

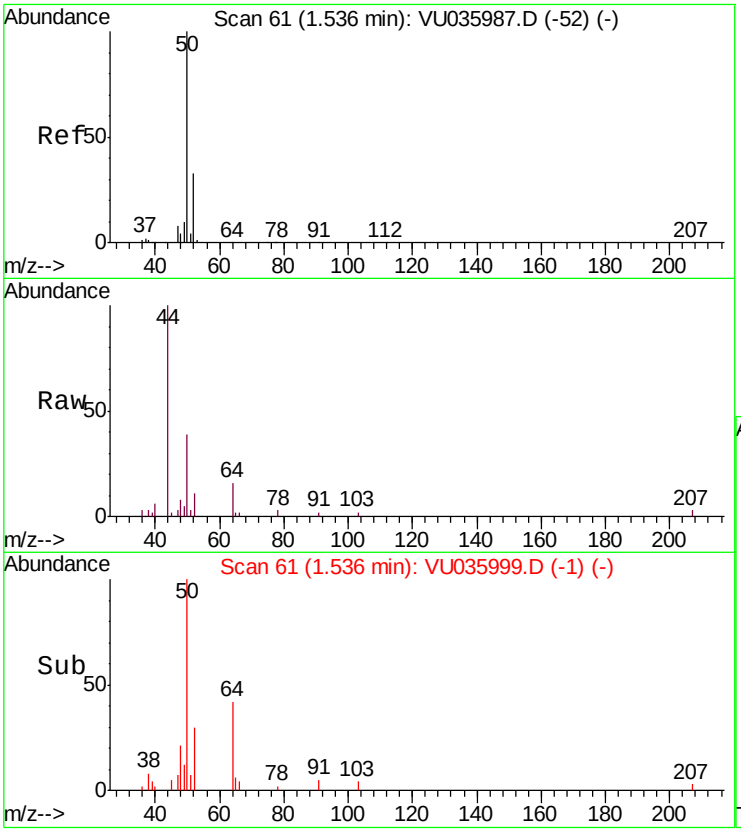
Quantitation Report (Not Reviewed)

Data File : VU035999.D
Acq On : 05 Dec 2019 17:32
Operator : JC/SP
Sample : VIBLK60
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Quant Time: Dec 06 01:01:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration



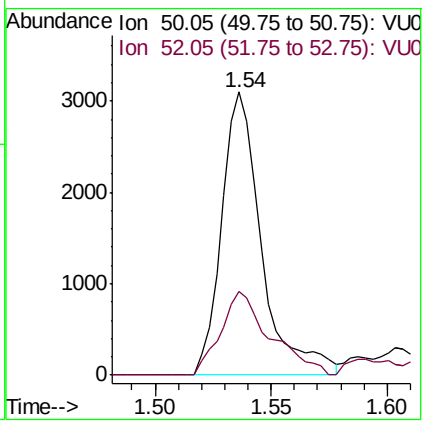


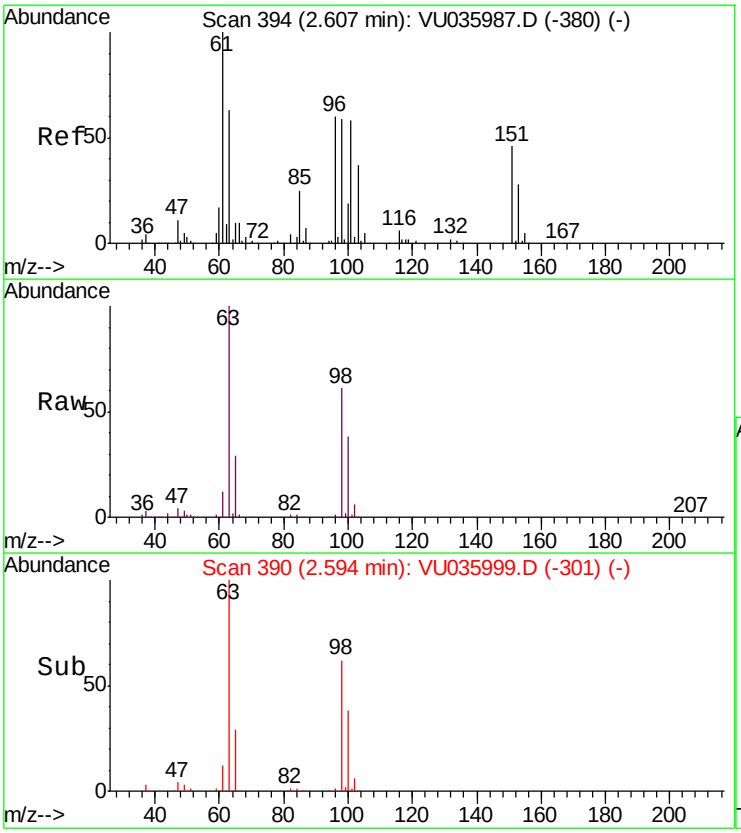
#3
Chloromethane
Concen: 0.117 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Tgt Ion: 50 Resp: 3695

Ion	Ratio	Lower	Upper
50	100		
52	29.6	23.1	42.9

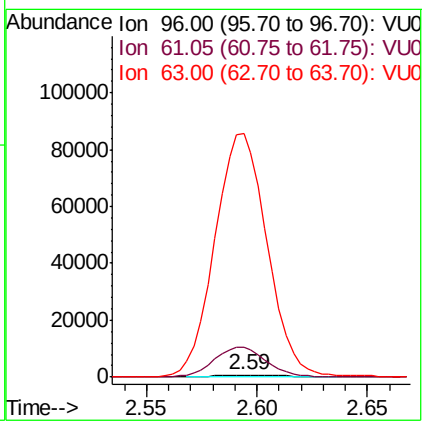


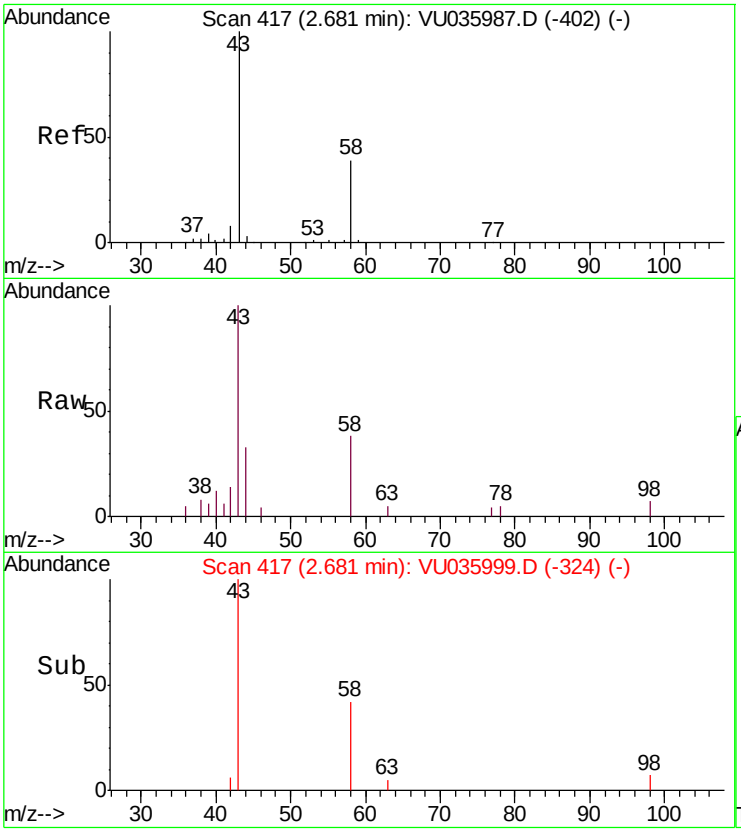


#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Tgt Ion: 96 Resp: 1627

Ion	Ratio	Lower	Upper
96	100		
61	1392.0	127.1	236.1#
63	11193.7	86.0	159.8#



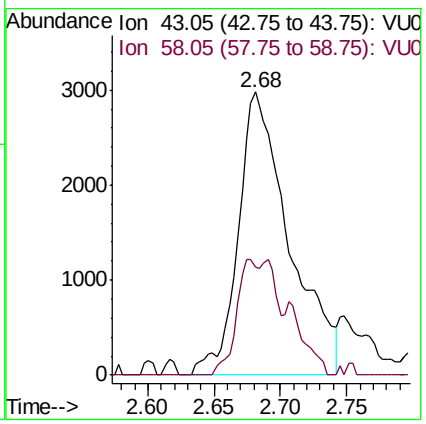


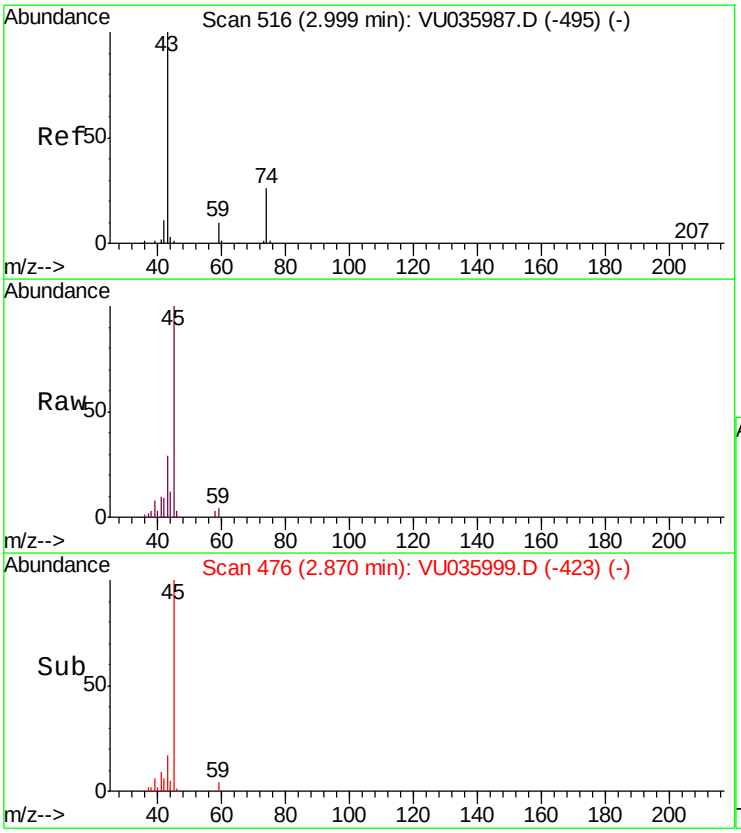
#13
Acetone
Concen: 1.650 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Tgt Ion: 43 Resp: 8009

Ion	Ratio	Lower	Upper
43	100		
58	18.2	0.0	68.6

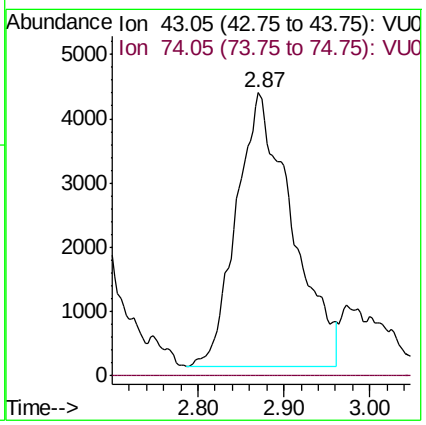


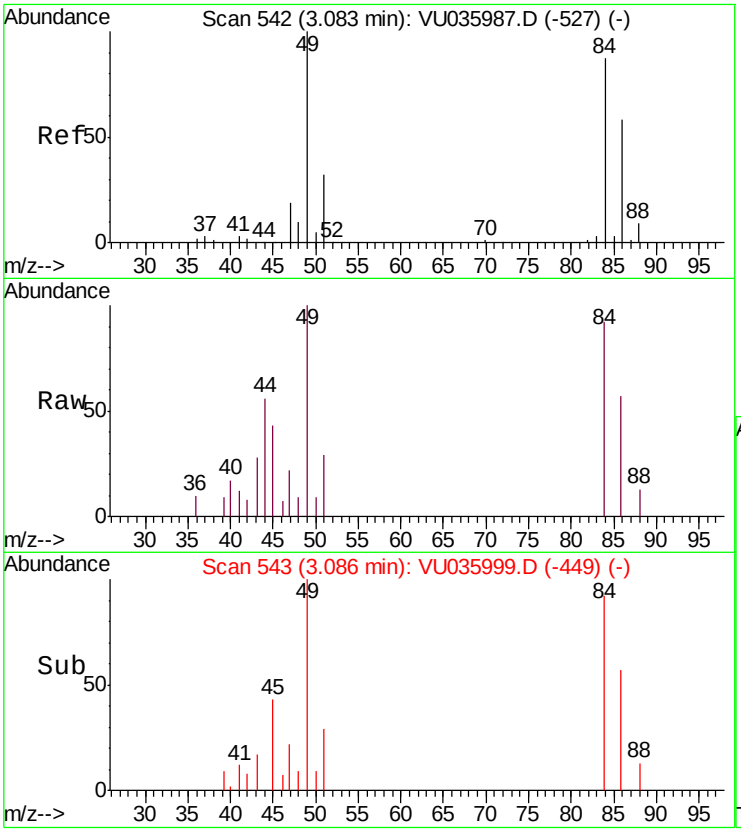


#15
Methyl Acetate
Concen: 2.203 ug/L
RT: 2.87 min Scan# 476
Delta R.T. -0.13 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Tgt Ion: 43 Resp: 19167

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.0	30.0#



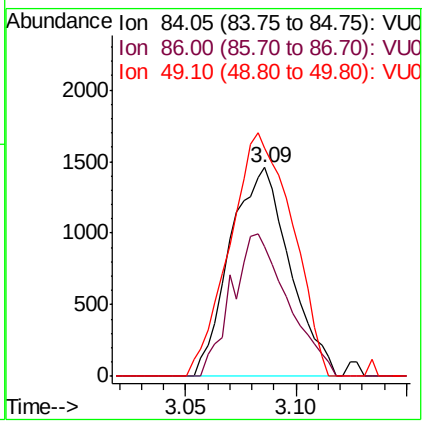


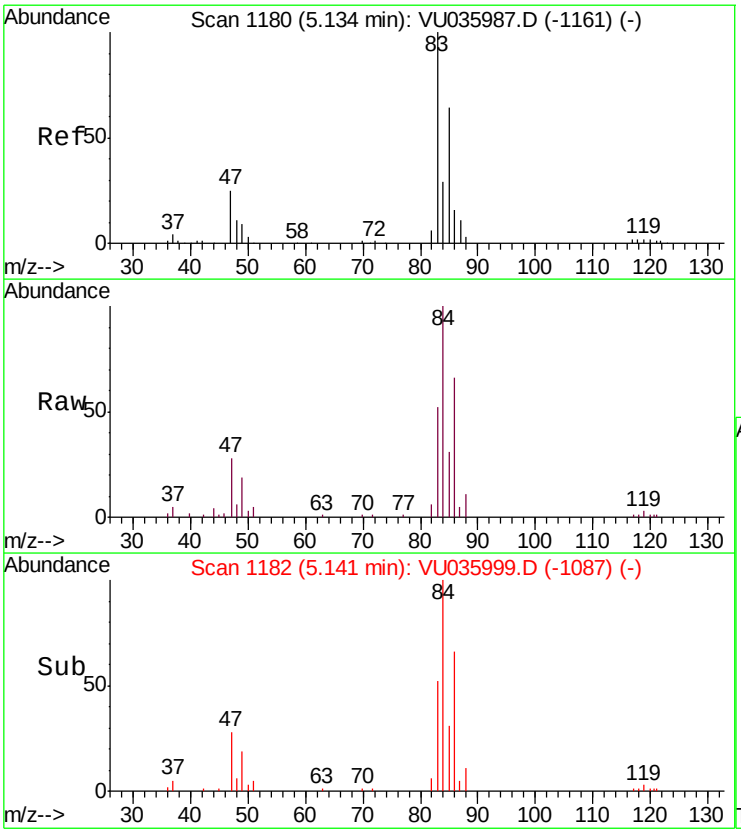
#16
Methylene chloride
Concen: 0.093 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Tgt Ion: 84 Resp: 2748

Ion	Ratio	Lower	Upper
84	100		
86	62.3	44.7	82.9
49	109.1	86.2	160.2

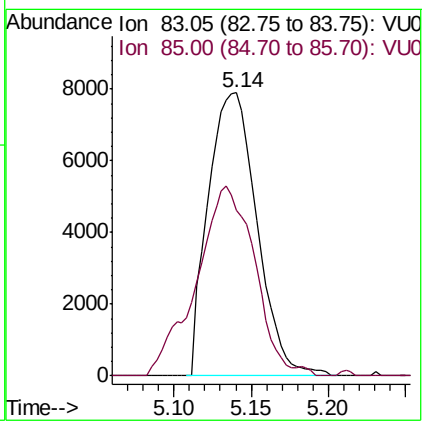


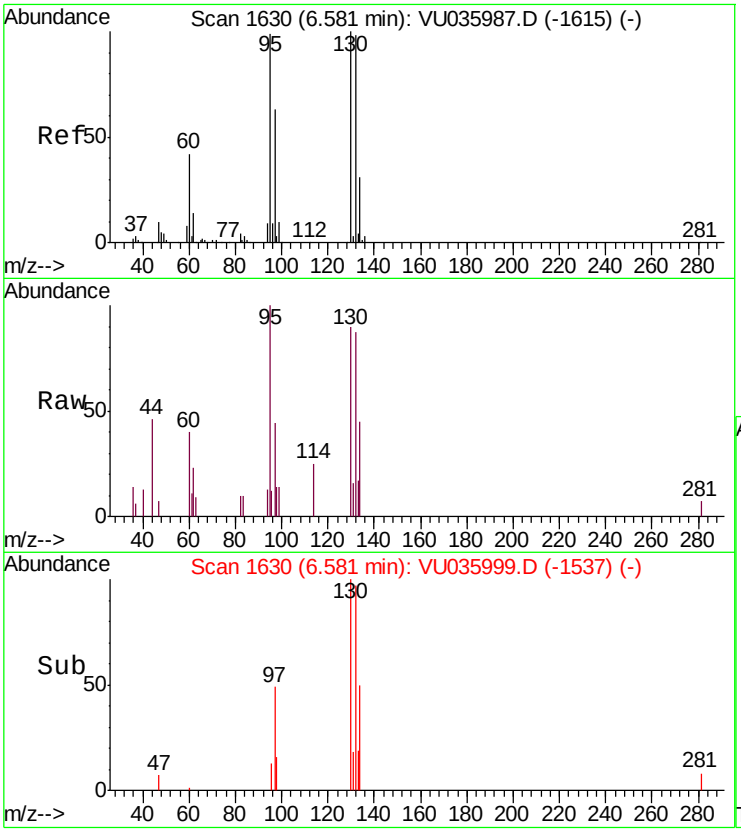


#25
Chloroform
Concen: 0.434 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Tgt Ion: 83 Resp: 17301

Ion	Ratio	Lower	Upper
83	100		
85	58.6	45.4	84.2



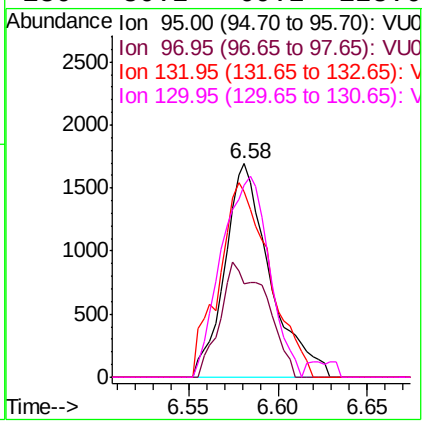


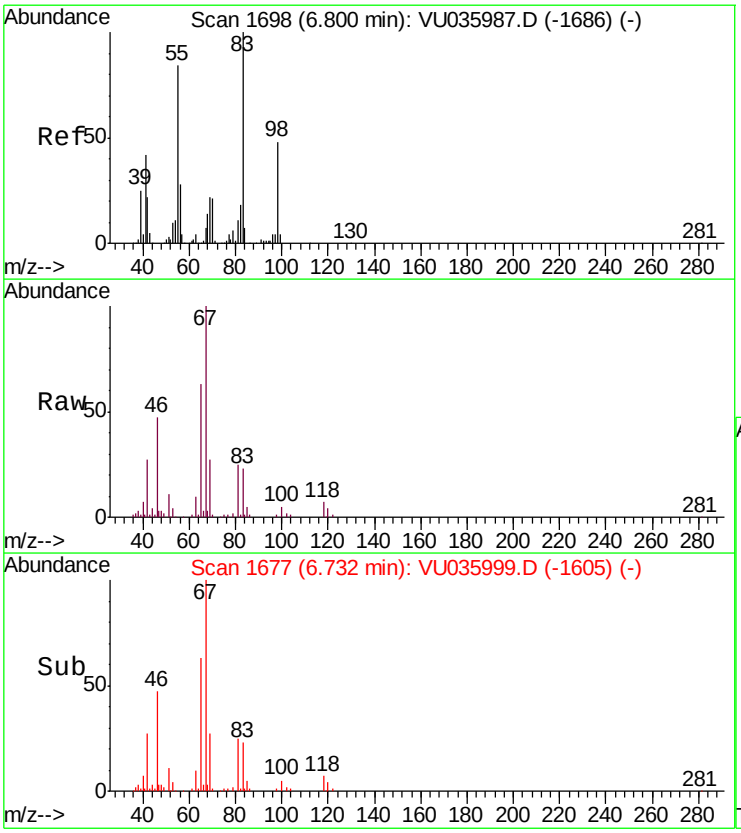
#34
Trichloroethene
Concen: 0.128 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument : MSVOA_U
ClientSampleId : VIBLK22

Tgt Ion: 95 Resp: 2980

Ion	Ratio	Lower	Upper
95	100		
97	39.3	46.3	85.9#
132	77.4	65.7	122.1
130	80.2	69.2	128.6

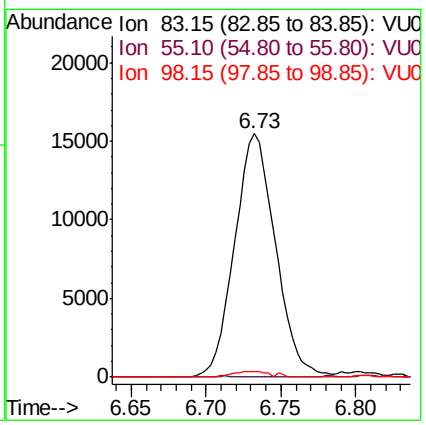


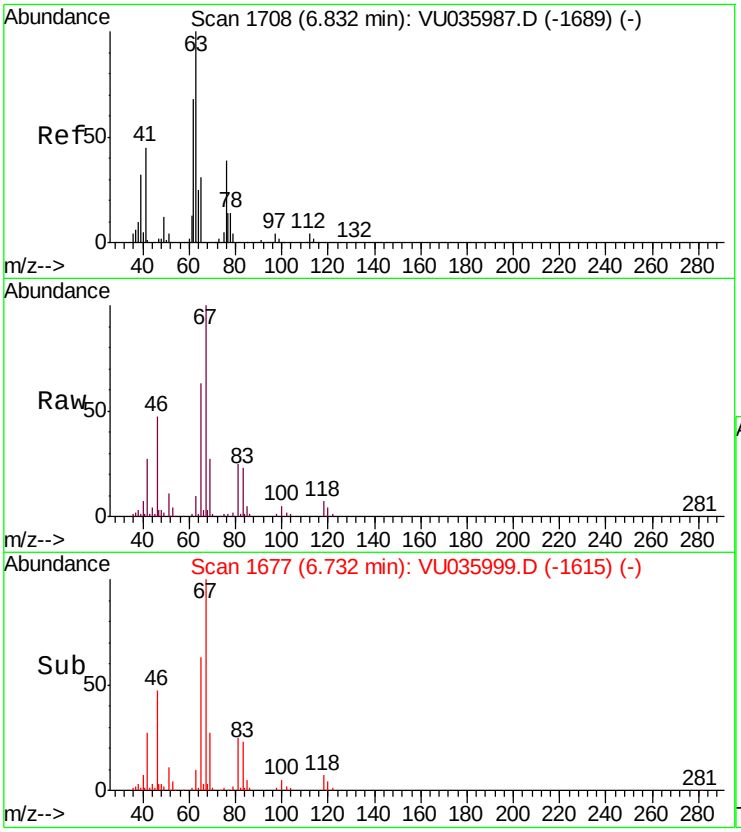


#35
Methylcyclohexane
Concen: 0.847 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Tgt Ion: 83 Resp: 29520

Ion	Ratio	Lower	Upper
83	100		
55	0.2	67.4	101.0#
98	1.8	34.6	52.0#



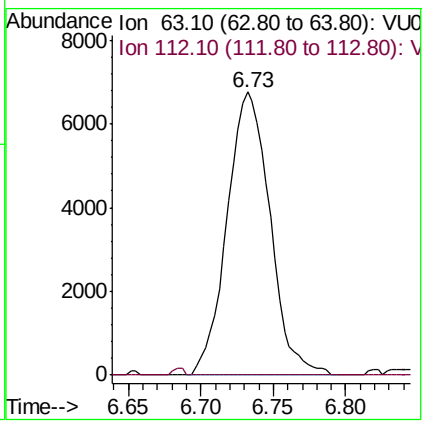


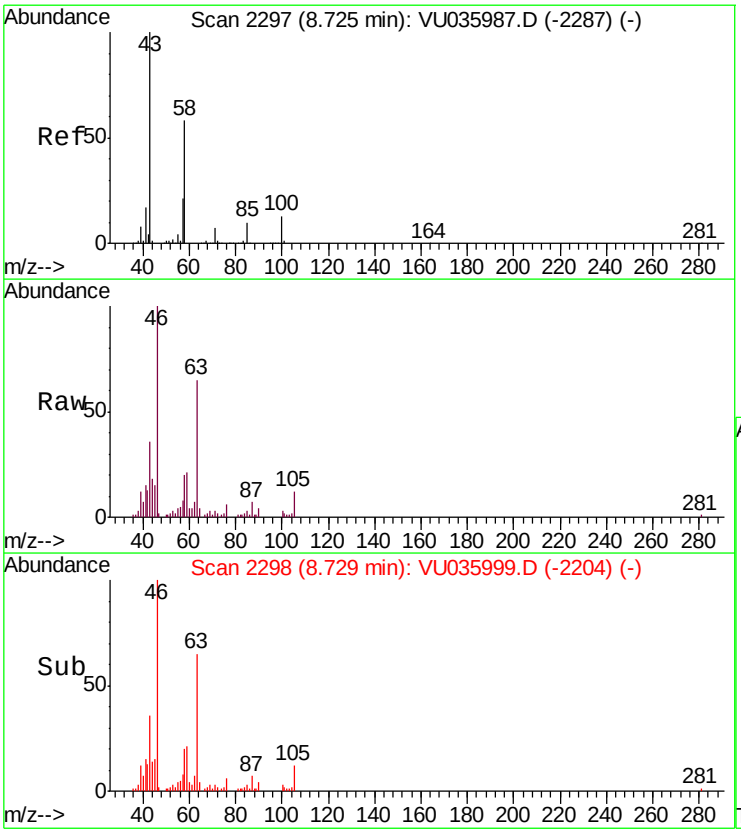
#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Tgt Ion: 63 Resp: 13910

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.3	4.9#

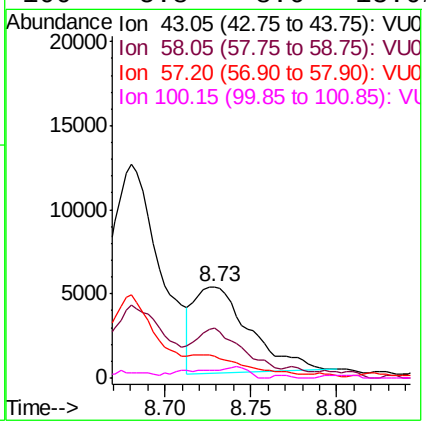


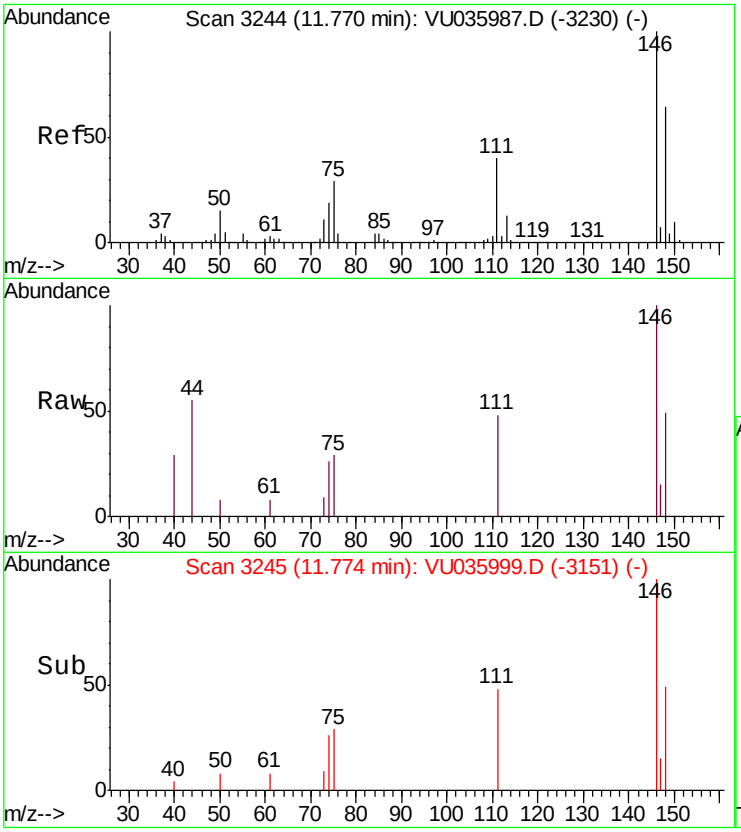


#48
2-Hexanone
Concen: 1.075 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Tgt Ion: 43 Resp: 11617

Ion	Ratio	Lower	Upper
43	100		
58	41.9	45.4	68.2#
57	0.0	14.9	22.3#
100	5.8	8.6	13.0#



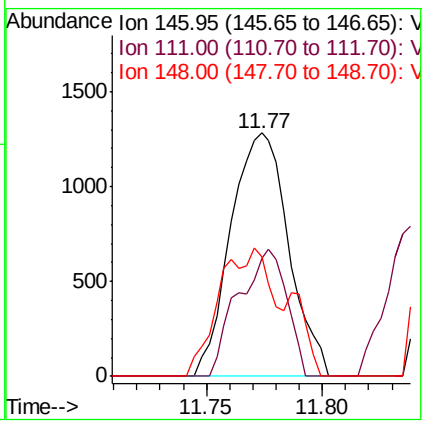


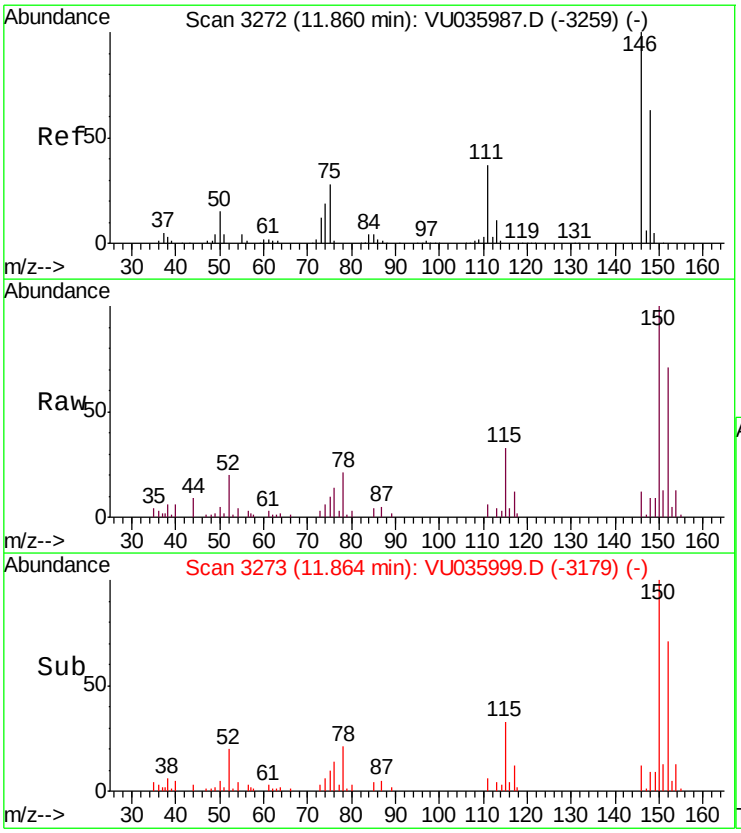
#62
1,3-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.77 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Tgt Ion:146 Resp: 2227

Ion	Ratio	Lower	Upper
146	100		
111	48.5	27.6	51.4
148	49.3	43.4	80.6

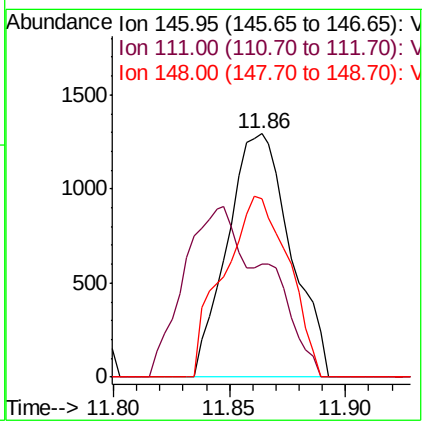


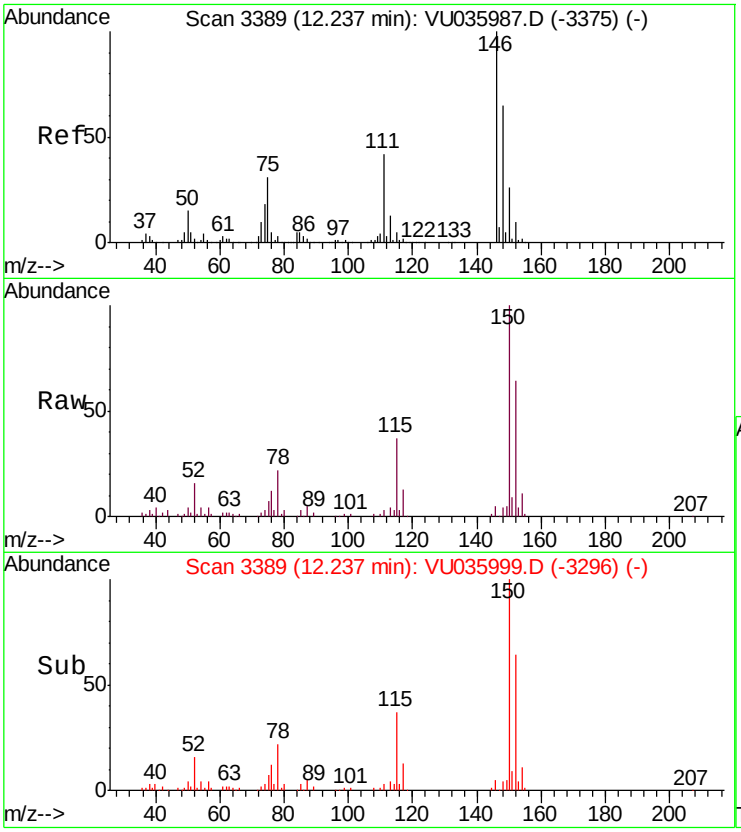


#63
1,4-Dichlorobenzene
Concen: 0.077 ug/L
RT: 11.86 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Tgt Ion:146 Resp: 2450

Ion	Ratio	Lower	Upper
146	100		
111	46.4	28.5	52.9
148	73.3	44.4	82.5



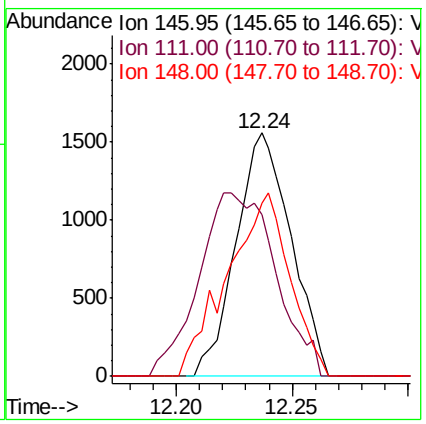


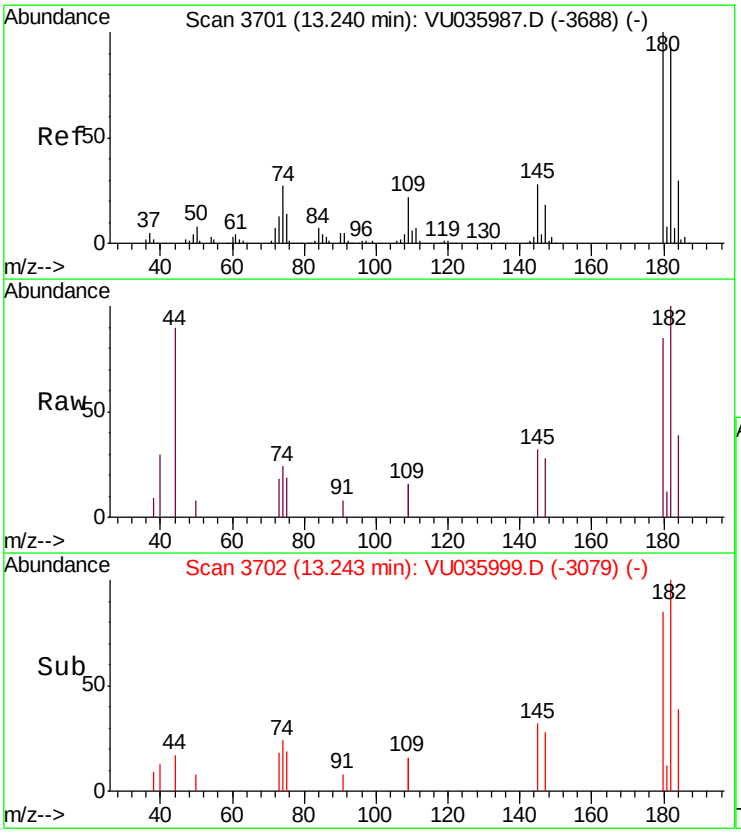
#65
1,2-Dichlorobenzene
Concen: 0.084 ug/L
RT: 12.24 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument : MSVOA_U
ClientSampleId : VIBLK22

Tgt Ion:146 Resp: 2561

Ion	Ratio	Lower	Upper
146	100		
111	66.4	32.6	48.8#
148	71.4	50.9	76.3

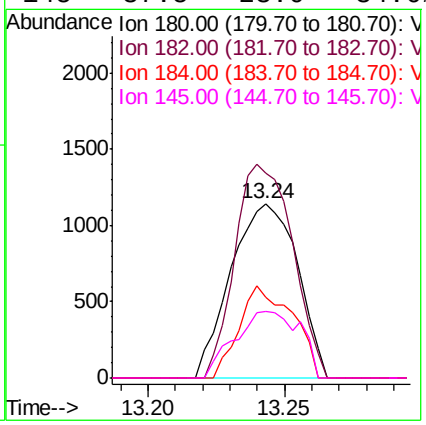


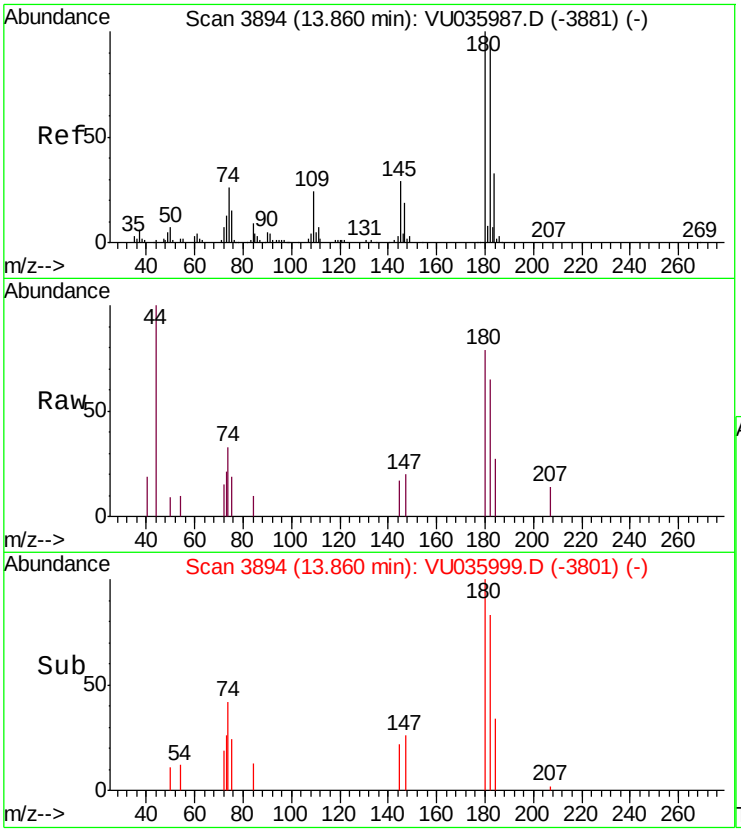


#67
1,3,5-Trichlorobenzene
Concen: 0.089 ug/L
RT: 13.24 min Scan# 3702
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Tgt Ion:180 Resp: 1940

Ion	Ratio	Lower	Upper
180	100		
182	106.3	77.2	115.8
184	42.5	24.5	36.7#
145	37.5	23.0	34.6#



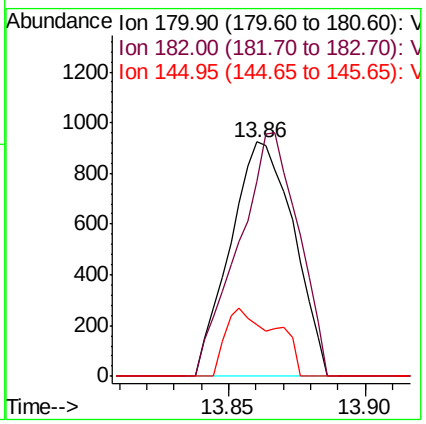


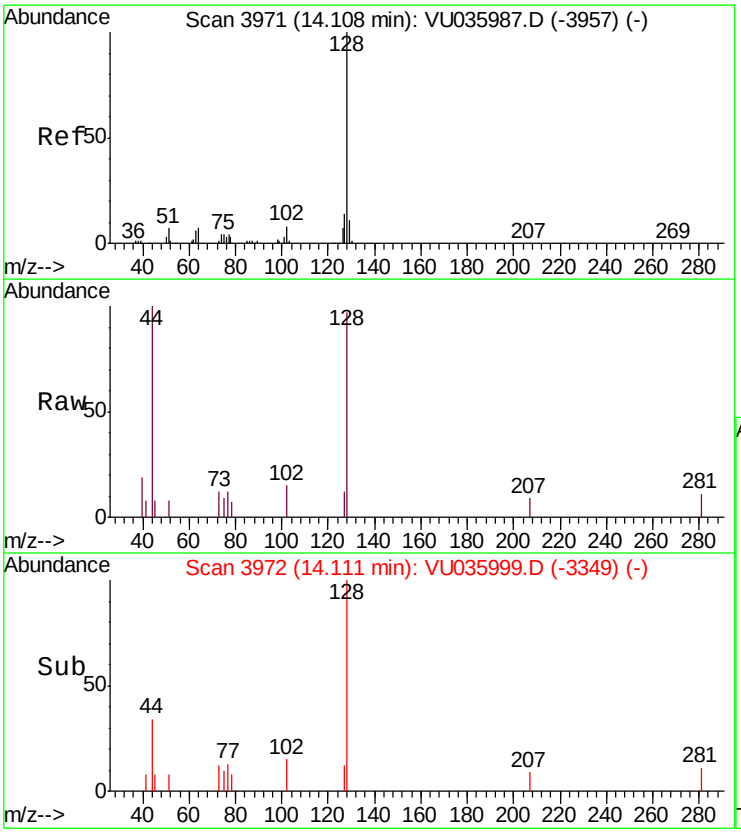
#68
1,2,4-trichlorobenzene
Concen: 0.127 ug/L
RT: 13.86 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Tgt Ion:180 Resp: 1491

Ion	Ratio	Lower	Upper
180	100		
182	98.5	74.5	111.7
145	23.2	23.4	35.0#

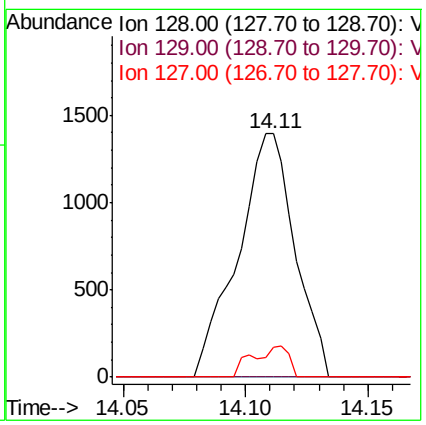


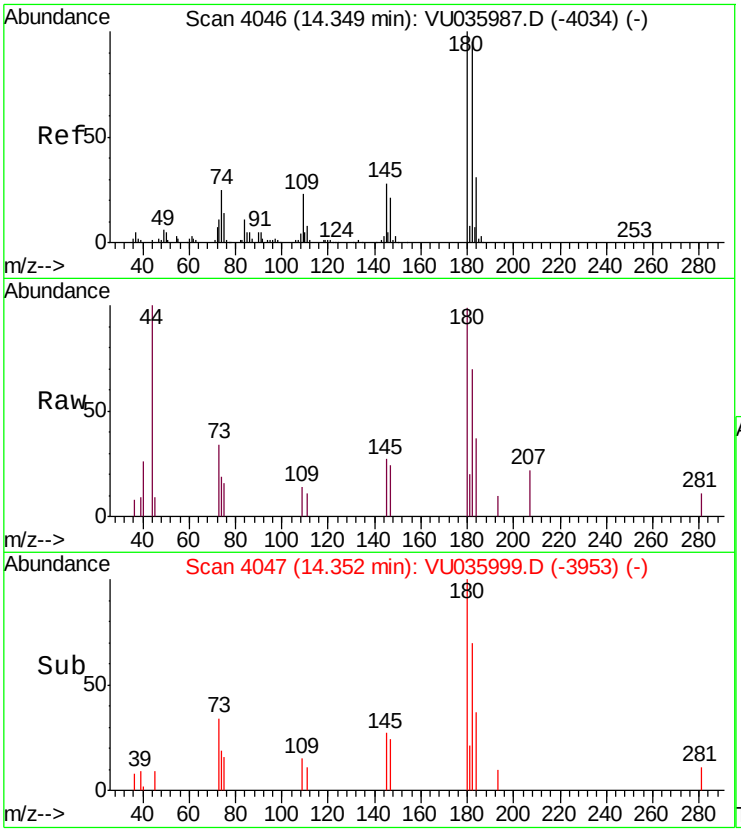


#69
Naphthalene
Concen: 0.169 ug/L
RT: 14.11 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Tgt Ion:128 Resp: 2255

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.4	12.6#
127	7.9	10.6	15.8#





#70
1,2,3-Trichlorobenzene
Concen: 0.145 ug/L
RT: 14.35 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VU035999.D
Acq: 05 Dec 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Tgt Ion:180 Resp: 1680

Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.6	112.0
145	27.6	24.3	36.5