Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100419\

Quantitation Report (Not Reviewed)

Data File : VU034933.D
Acq On : 04 Oct 2019 14:23
Operator : JC/SP
Sample : K5196-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0K00

Quant Time: Oct 05 00:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	203195	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	194540	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	90223	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	73517	5.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.20%			
7) Chloroethane-d5	1.68	69	62734	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.00%			
11) 1,1-Dichloroethene-d2	2.26	63	101712	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.40%			
20) 2-Butanone-d5	4.17	46	182702	44.61	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.22%			
24) Chloroform-d	4.62	84	125292	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.29	65	70215	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.32	84	258573	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.80%			
36) 1,2-Dichloropropane-d6	6.31	67	85815	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.54	98	238199	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
43) trans-1,3-Dichloropropene-	7.83	79	30134	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.30	63	146390	50.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.66%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	66639	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.84	152	84515	5.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.00%			

Target Compounds						Qvalue
3) Chloromethane	1.33	50	2903	0.296	ug/L	92
12) 1,1-Dichloroethene	2.27	96	2703	0.396	ug/L #	1
13) Acetone	2.31	43	3245	1.083	ug/L	97
14) Carbon disulfide	2.47	76	3867	0.341	ug/L #	91
18) trans-1,2-Dichloroethene	2.96	96	1237	0.176	ug/L #	64
19) 1,1-Dichloroethane	3.42	63	3010	0.139	ug/L #	90
22) cis-1,2-Dichloroethene	4.20	96	26900	2.504	ug/L	87
25) Chloroform	4.65	83	5894	0.226	ug/L	97
31) Carbon tetrachloride	5.11	117	3700	0.267	ug/L	97
34) Trichloroethene	6.16	95	99157	9.592	ug/L	94
35) Methylcyclohexane	6.39	83	1110	0.086	ug/L #	49
47) Tetrachloroethene	8.21	164	6528	0.954	ug/L	95
48) 2-Hexanone	8.36	43	12314	1.604	ug/L #	92
51) Chlorobenzene	9.11	112	2496	0.086	ug/L	95
53) m,p-Xylene	9.37	106	2651	0.150	ug/L	97
55) Styrene	9.78	104	3079	0.097	ug/L	96
56) Isopropylbenzene	10.15	105	4488	0.084	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100419\

Quantitation Report (Not Reviewed)

Data File : VU034933.D
Acq On : 04 Oct 2019 14:23
Operator : JC/SP
Sample : K5196-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0K00

Quant Time: Oct 05 00:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) 1,2,3-Trichloropropane	11.46	75	12423	1.302	ug/L		90
62) 1,3-Dichlorobenzene	11.40	146	5326	0.229	ug/L		92
63) 1,4-Dichlorobenzene	11.49	146	6206	0.259	ug/L		88
65) 1,2-Dichlorobenzene	11.86	146	5611	0.235	ug/L		93
67) 1,3,5-Trichlorobenzene	13.49	180	8117	0.475	ug/L	#	96
68) 1,2,4-trichlorobenzene	13.49	180	8117	0.665	ug/L		96
69) Naphthalene	13.74	128	20623	1.007	ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.97	180	10270	0.838	ug/L		89

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

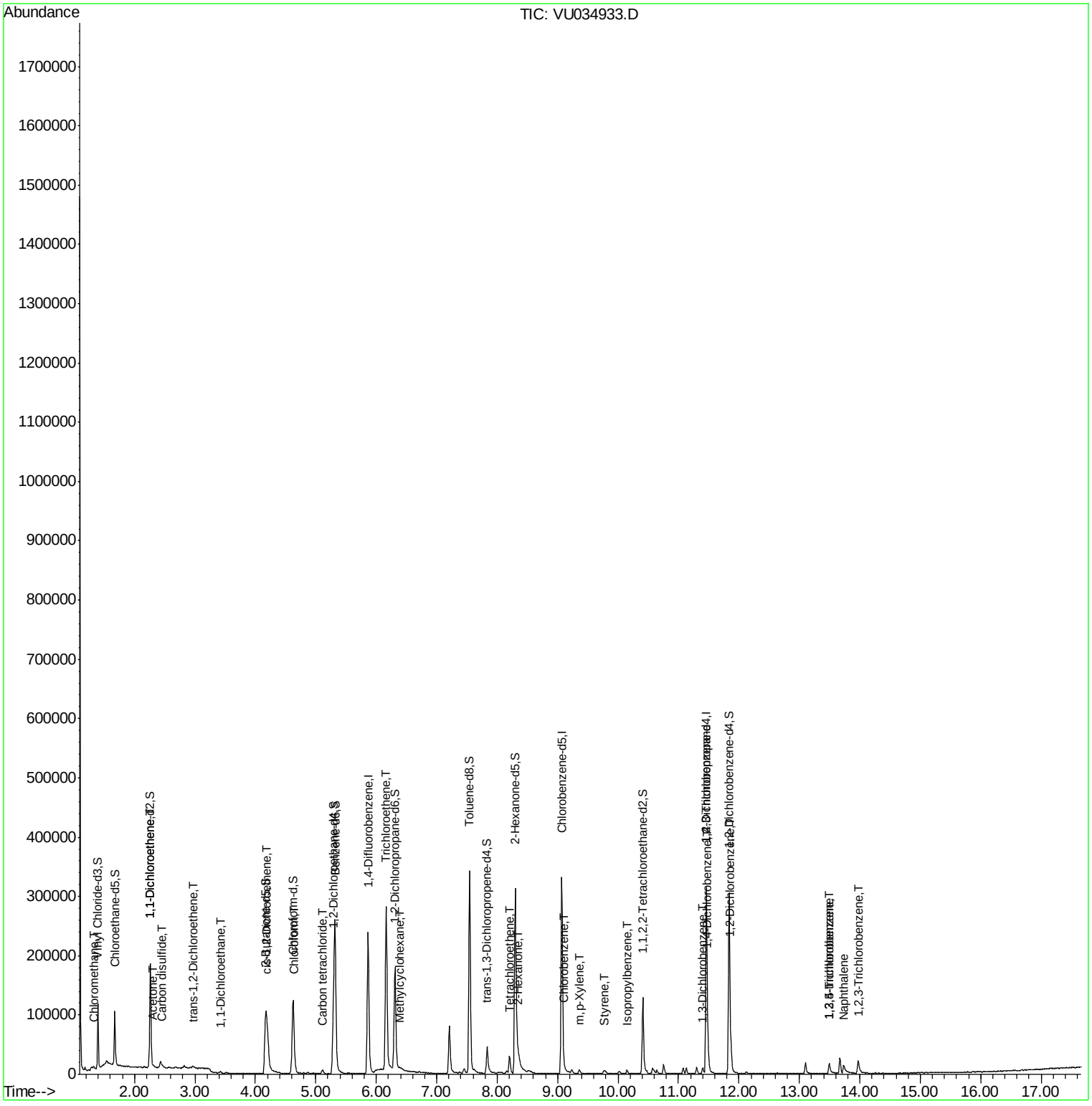
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100419\

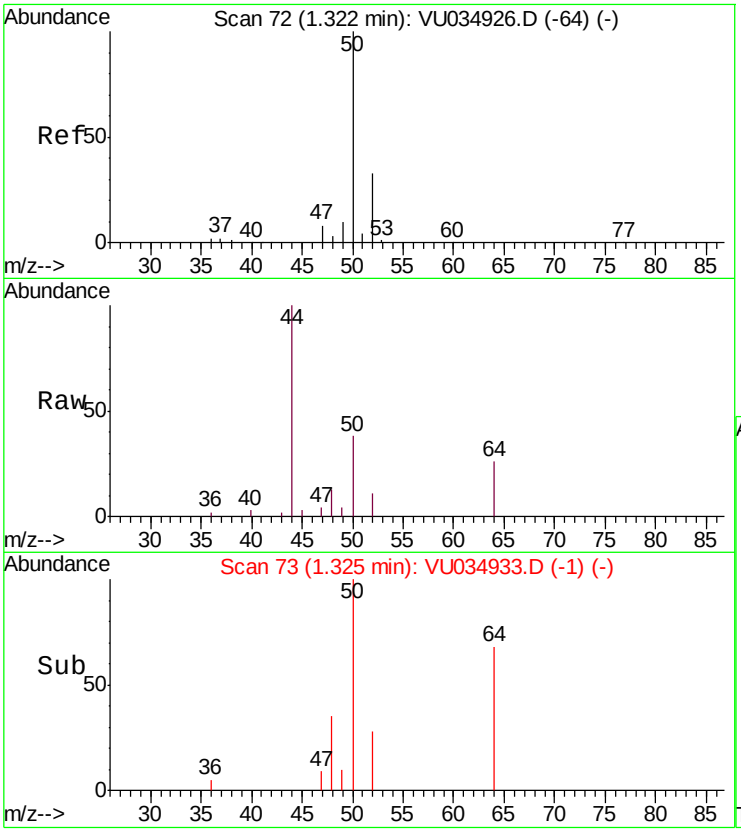
Quantitation Report (Not Reviewed)

Data File : VU034933.D
Acq On : 04 Oct 2019 14:23
Operator : JC/SP
Sample : K5196-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Quant Time: Oct 05 00:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration



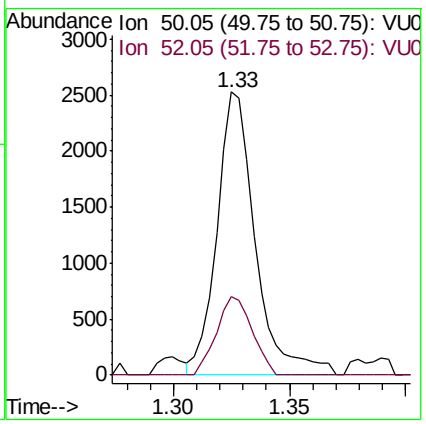


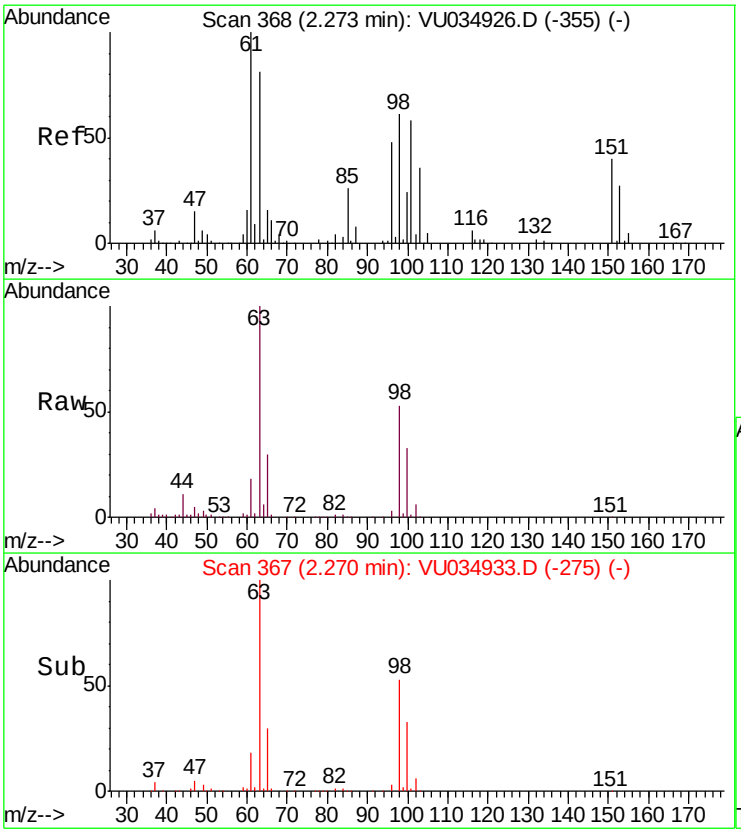
#3
Chloromethane
Concen: 0.296 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument : MSVOA_U
ClientSampleId : C0K00

Tgt Ion: 50 Resp: 2903

Ion	Ratio	Lower	Upper
50	100		
52	27.8	22.7	42.1

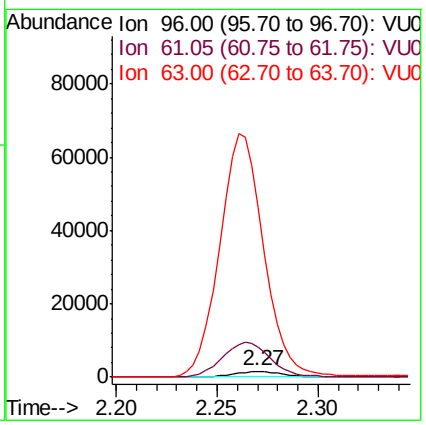


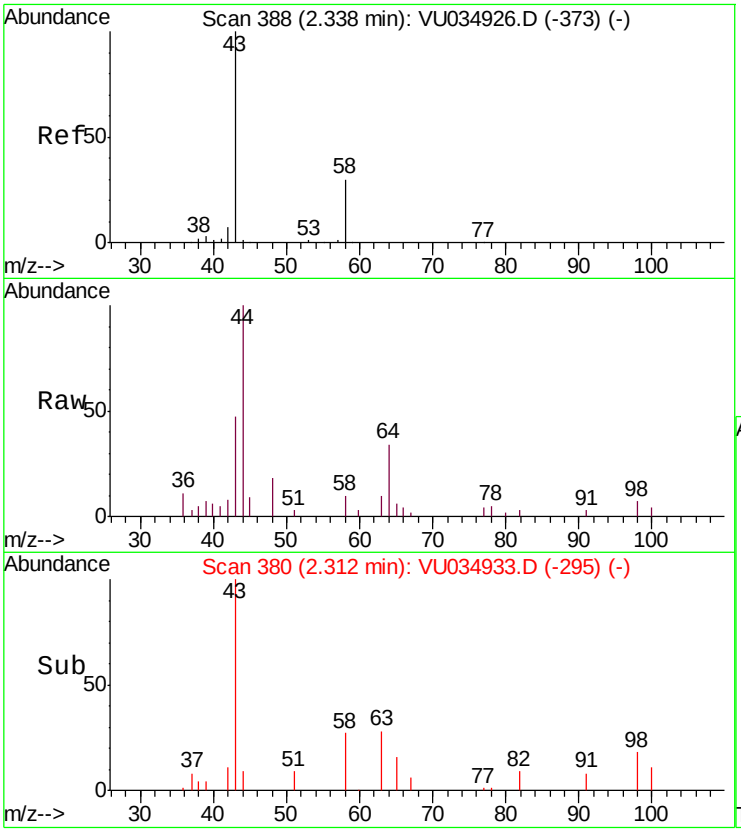


#12
1,1-Dichloroethene
Concen: 0.396 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion: 96 Resp: 2703

Ion	Ratio	Lower	Upper
96	100		
61	518.4	160.5	298.1#
63	2952.5	162.3	301.5#



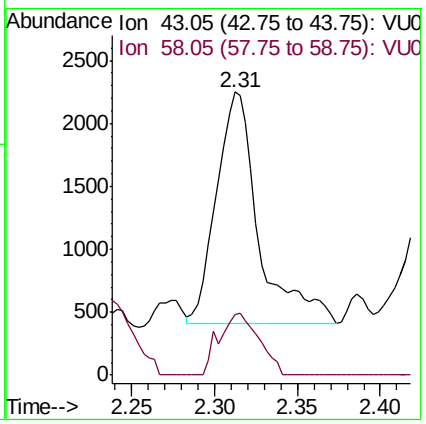


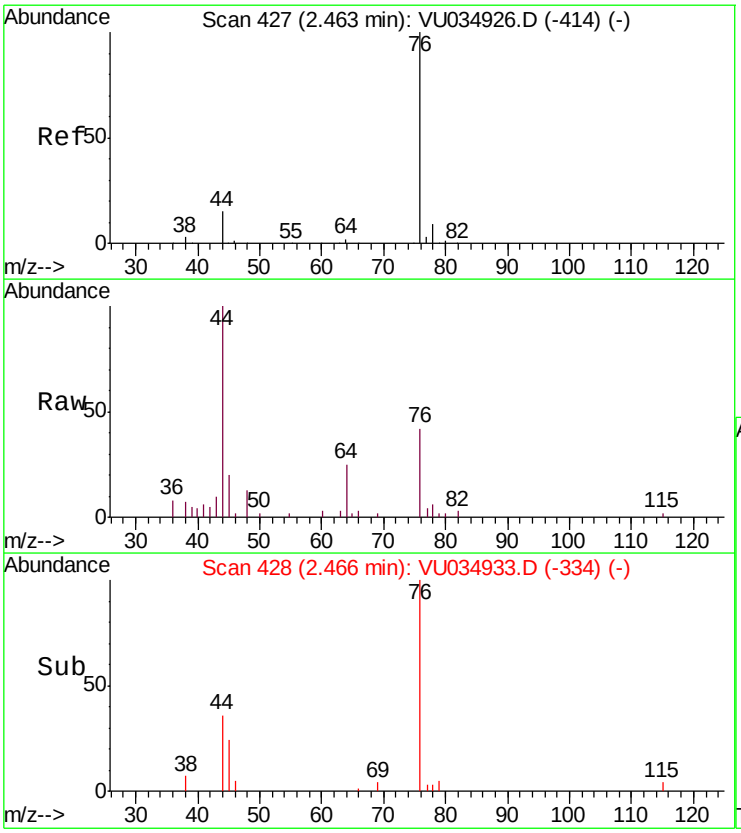
#13
Acetone
Concen: 1.083 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.03 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion: 43 Resp: 3245

Ion	Ratio	Lower	Upper
43	100		
58	25.4	0.0	54.0

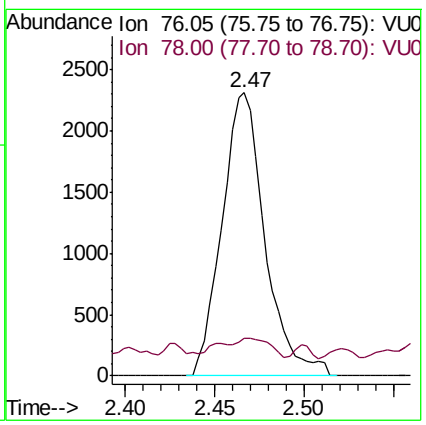


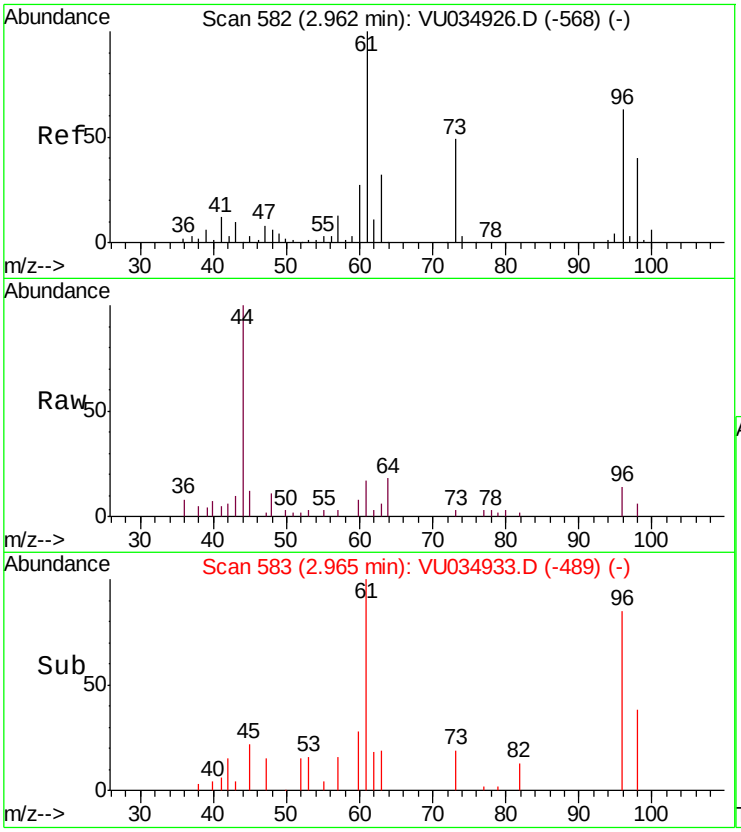


#14
Carbon disulfide
Concen: 0.341 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion: 76 Resp: 3867

Ion	Ratio	Lower	Upper
76	100		
78	13.1	7.9	11.9#



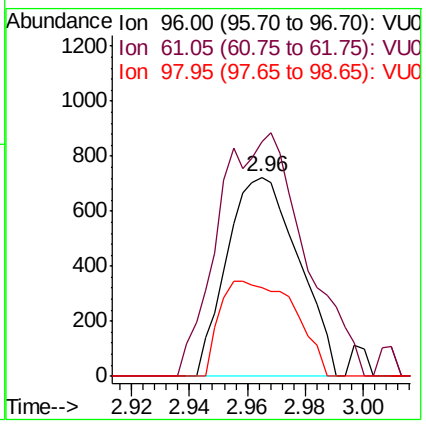


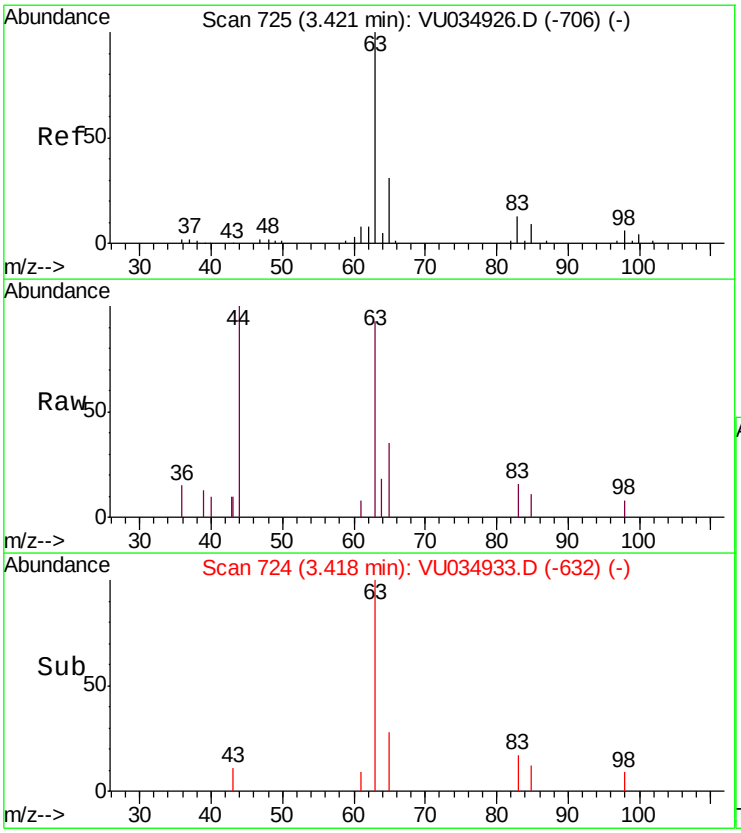
#18
trans-1,2-Dichloroethene
Concen: 0.176 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion: 96 Resp: 1237

Ion	Ratio	Lower	Upper
96	100		
61	117.5	121.0	224.8#
98	44.5	44.7	83.1#

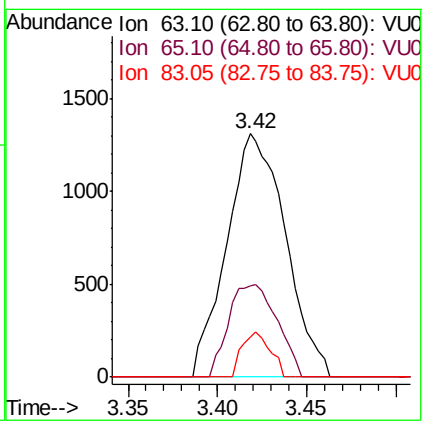


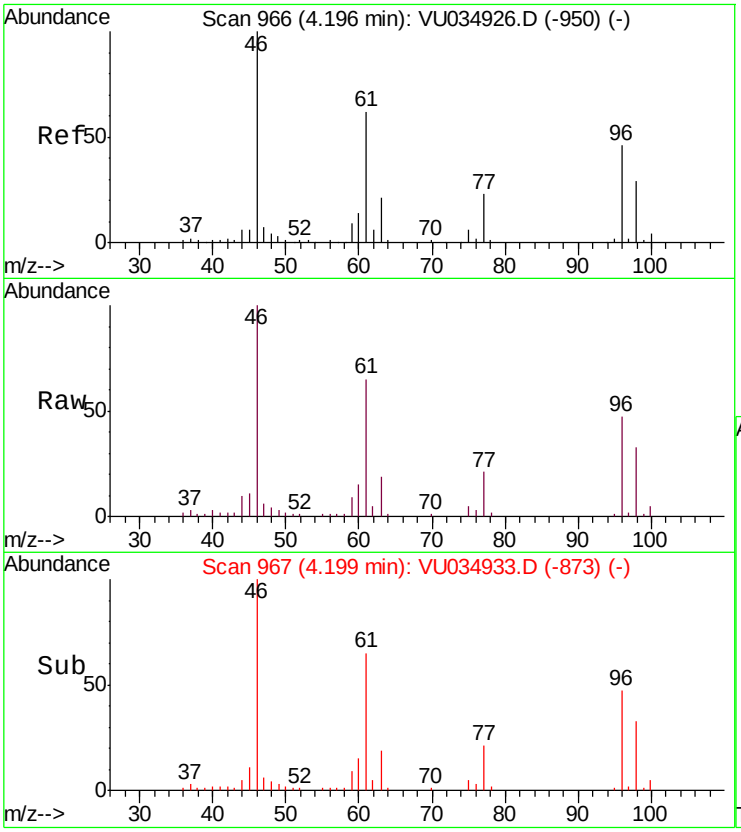


#19
1,1-Dichloroethane
Concen: 0.139 ug/L
RT: 3.42 min Scan# 724
Delta R.T. -0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion: 63 Resp: 3010

Ion	Ratio	Lower	Upper
63	100		
65	37.3	22.7	42.1
83	16.7	8.4	15.6#



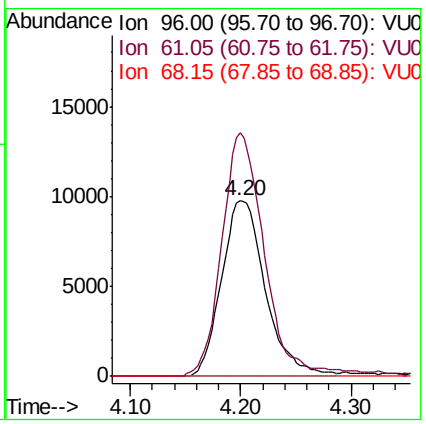


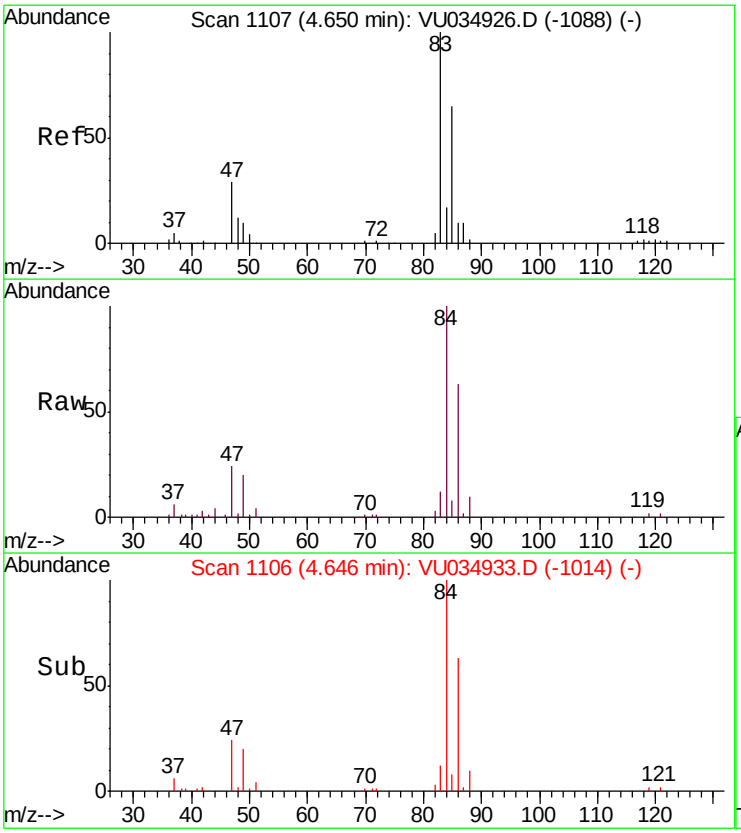
#22
cis-1,2-Dichloroethene
Concen: 2.504 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion: 96 Resp: 26900

Ion	Ratio	Lower	Upper
96	100		
61	138.7	108.6	201.8
68	0.0	0.0	0.0

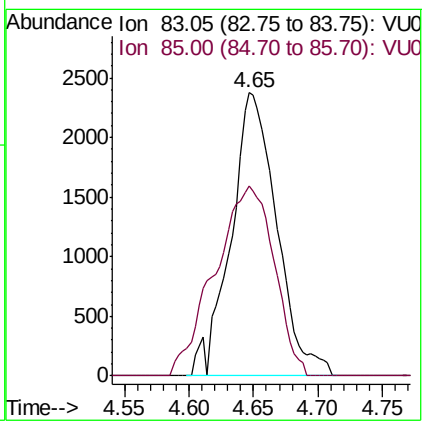


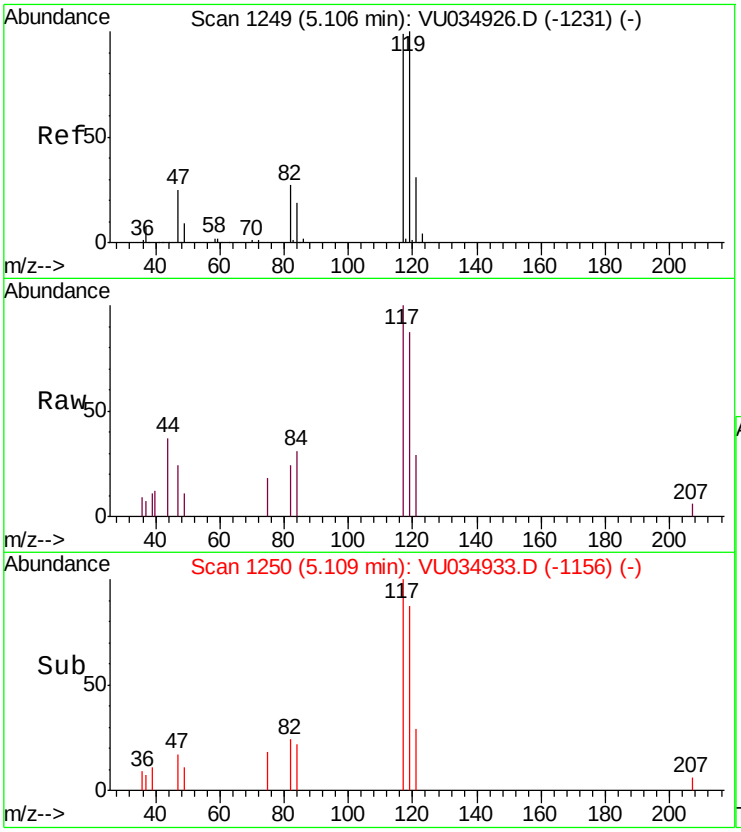


#25
Chloroform
Concen: 0.226 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion: 83 Resp: 5894

Ion	Ratio	Lower	Upper
83	100		
85	66.9	45.2	84.0



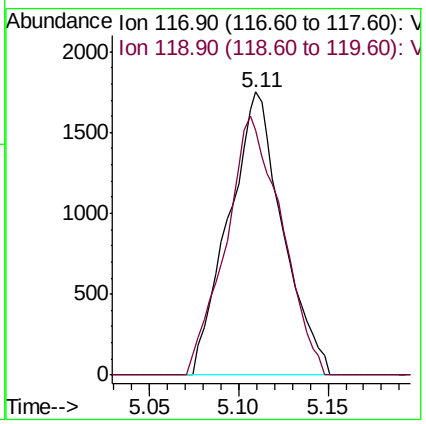


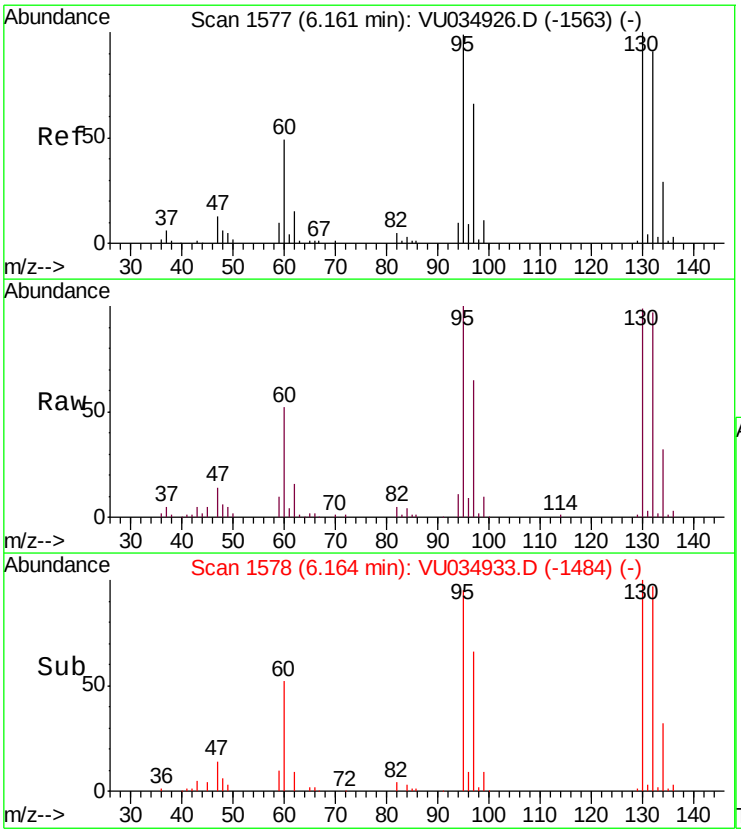
#31
Carbon tetrachloride
Concen: 0.267 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion:117 Resp: 3700

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.8	116.8

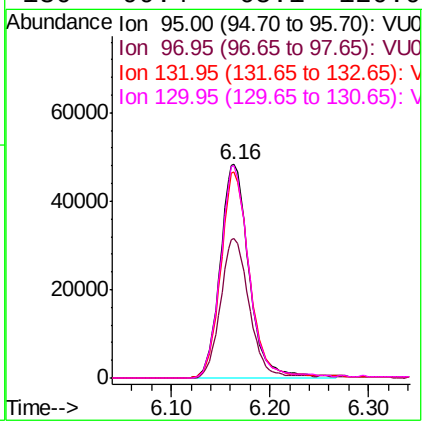


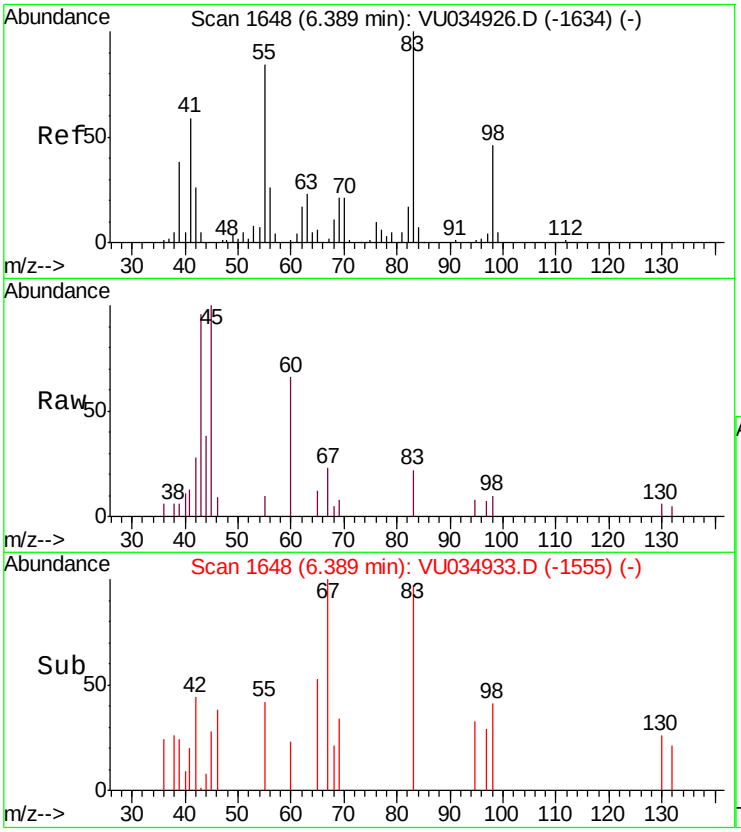


#34
Trichloroethene
Concen: 9.592 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion: 95 Resp: 99157

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.1	83.7
132	96.6	61.2	113.8
130	99.4	65.1	120.9



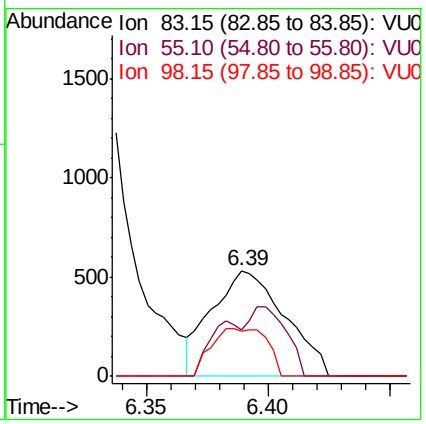


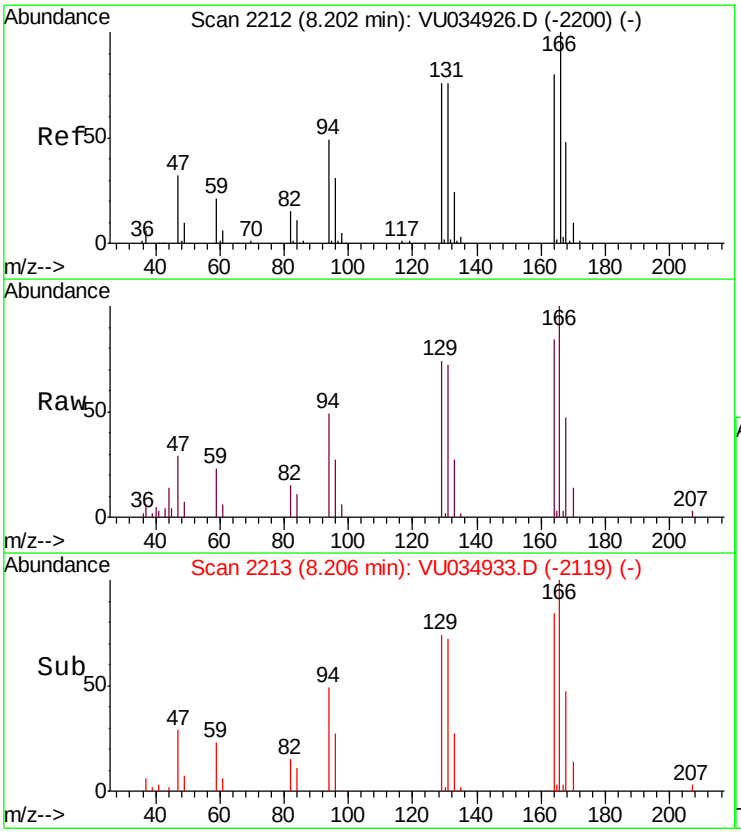
#35
Methylcyclohexane
Concen: 0.086 ug/L
RT: 6.39 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion: 83 Resp: 1110

Ion	Ratio	Lower	Upper
83	100		
55	23.2	68.9	103.3#
98	34.1	36.6	54.8#

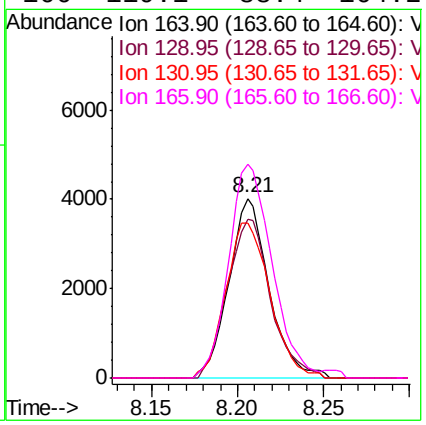


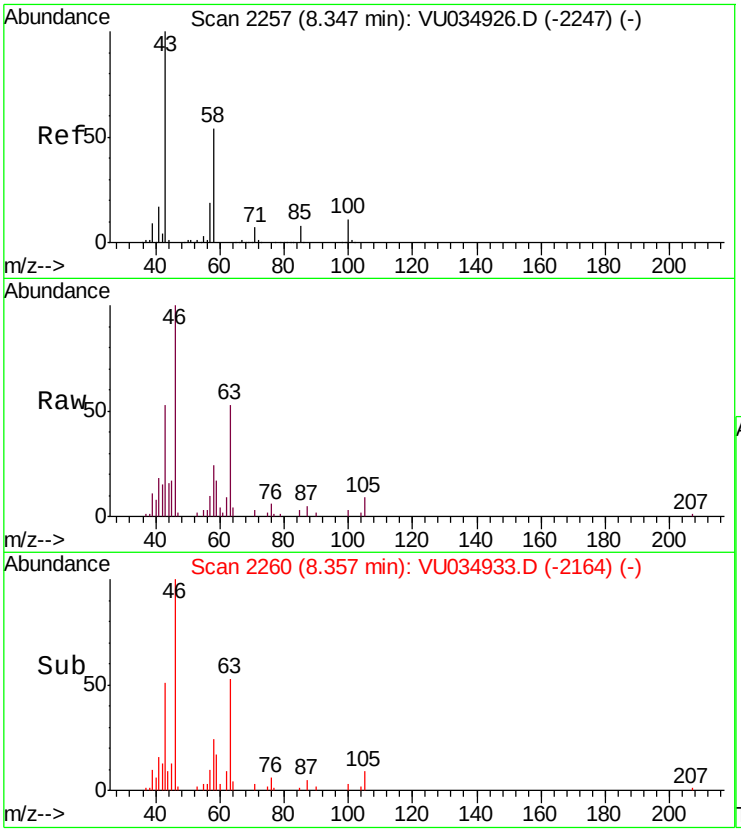


#47
Tetrachloroethene
Concen: 0.954 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion:164 Resp: 6528

Ion	Ratio	Lower	Upper
164	100		
129	88.3	66.3	123.1
131	86.2	62.2	115.4
166	119.1	88.4	164.2



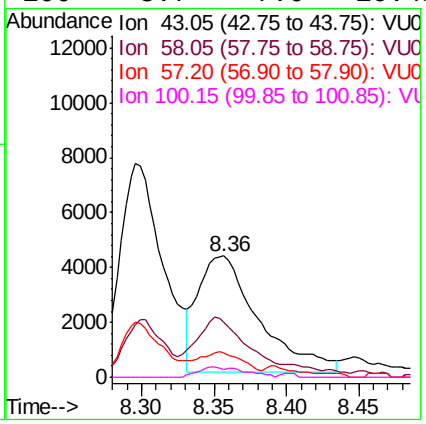


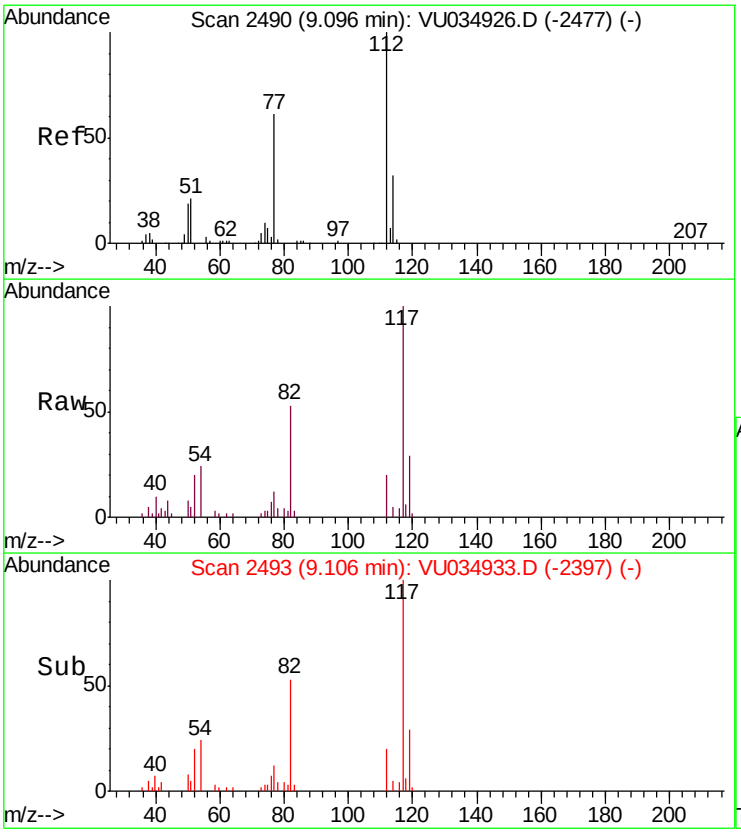
#48
2-Hexanone
Concen: 1.604 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument : MSVOA_U
ClientSampleId : C0K00

Tgt Ion: 43 Resp: 12314

Ion	Ratio	Lower	Upper
43	100		
58	41.4	37.1	55.7
57	13.7	13.4	20.0
100	3.7	7.0	10.4#

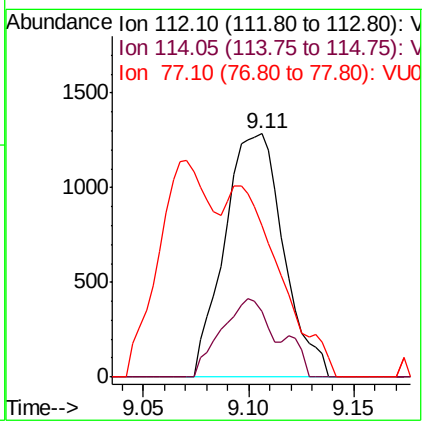


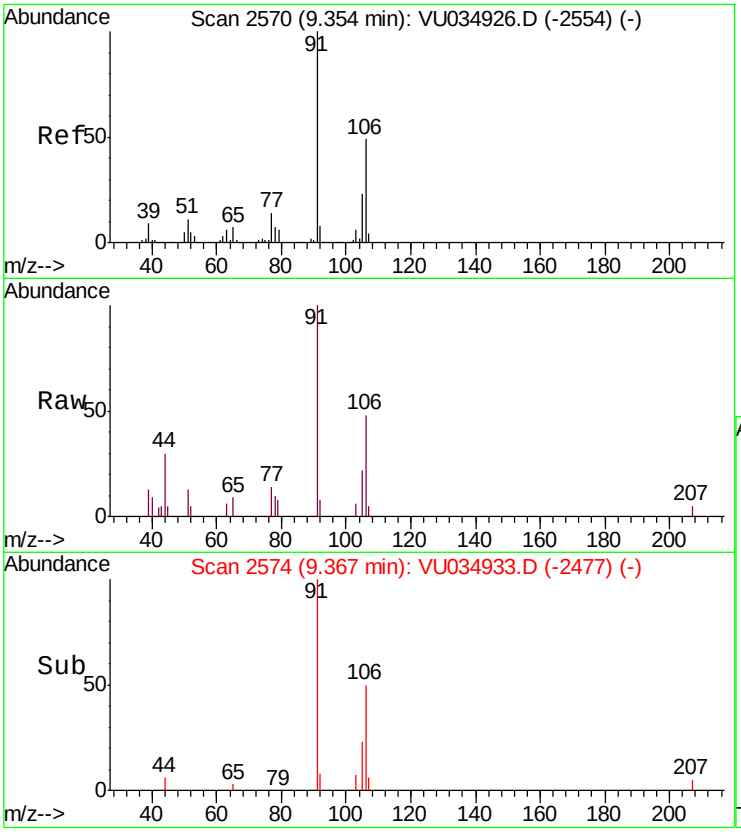


#51
Chlorobenzene
Concen: 0.086 ug/L
RT: 9.11 min Scan# 2493
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion:112 Resp: 2496

Ion	Ratio	Lower	Upper
112	100		
114	26.8	22.7	42.3
77	62.1	51.5	77.3



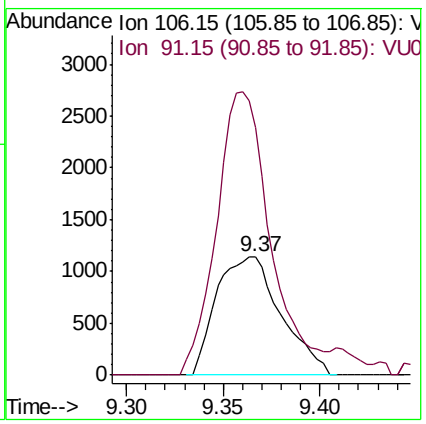


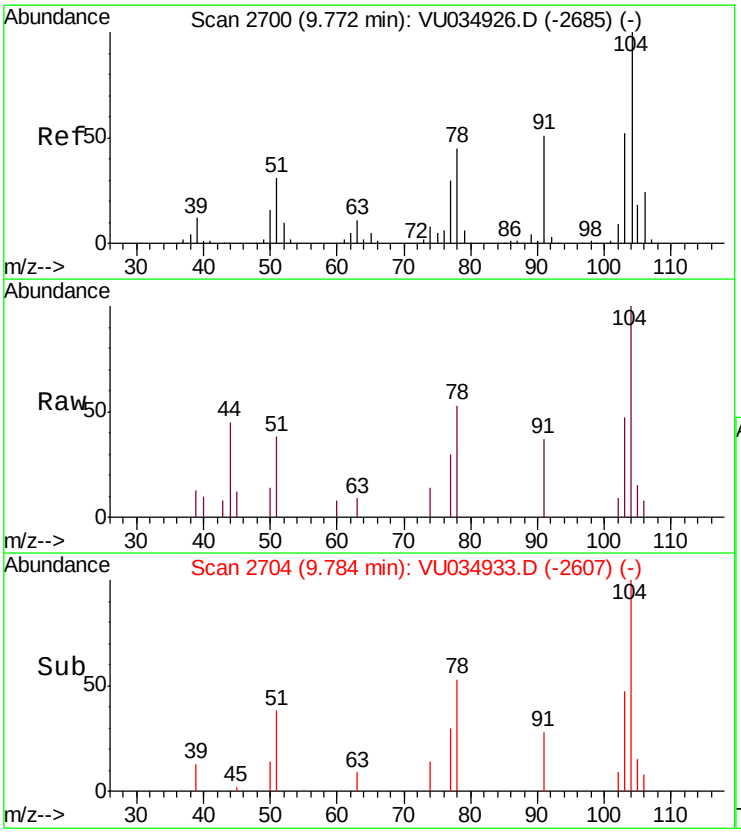
#53
m,p-Xylene
Concen: 0.150 ug/L
RT: 9.37 min Scan# 2574
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion:106 Resp: 2651

Ion	Ratio	Lower	Upper
106	100		
91	209.4	149.4	277.5

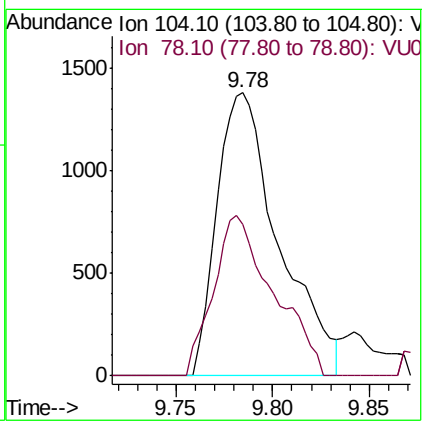


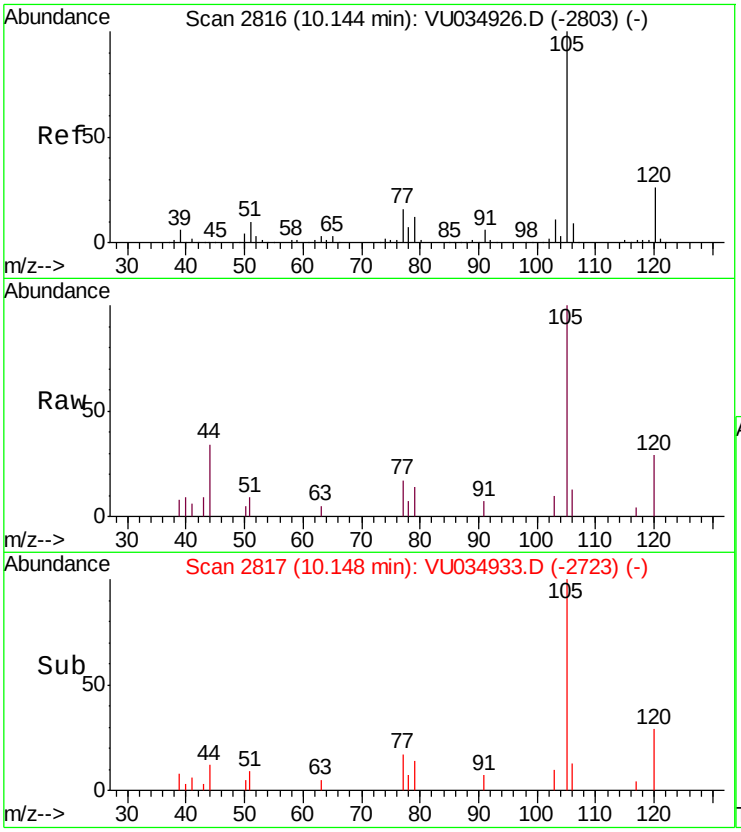


#55
Styrene
Concen: 0.097 ug/L
RT: 9.78 min Scan# 2704
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion:104 Resp: 3079

Ion	Ratio	Lower	Upper
104	100		
78	53.4	35.4	65.7



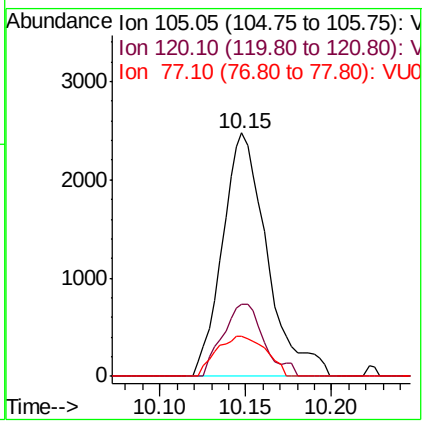


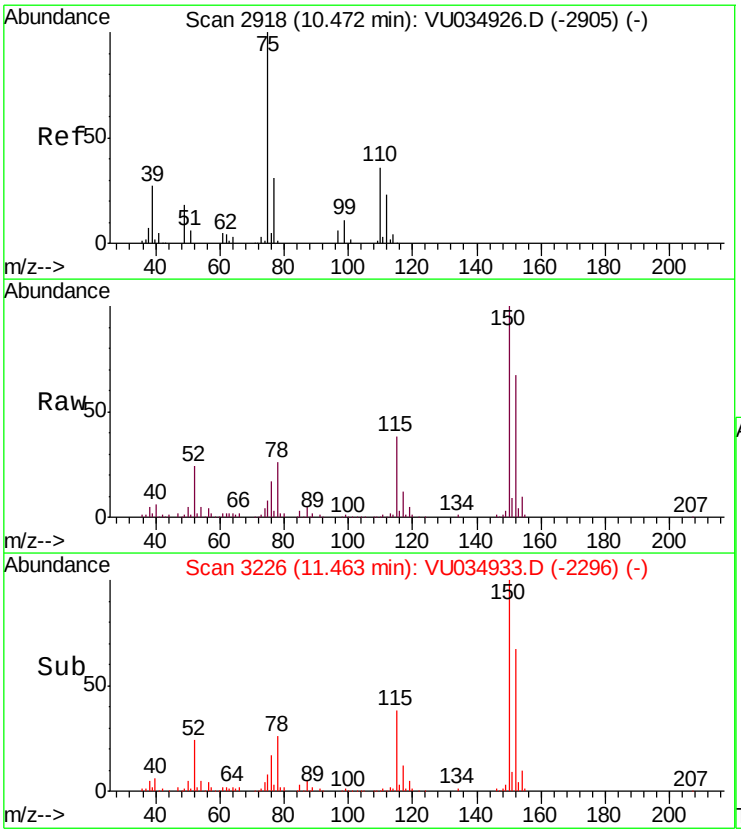
#56
Isopropylbenzene
Concen: 0.084 ug/L
RT: 10.15 min Scan# 2817
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument : MSVOA_U
ClientSampleId : C0K00

Tgt Ion:105 Resp: 4488

Ion	Ratio	Lower	Upper
105	100		
120	27.3	20.2	30.4
77	18.1	13.8	20.6

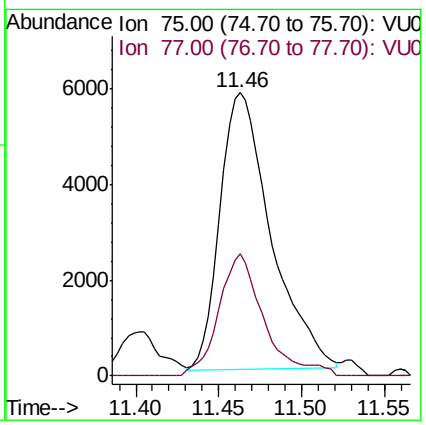


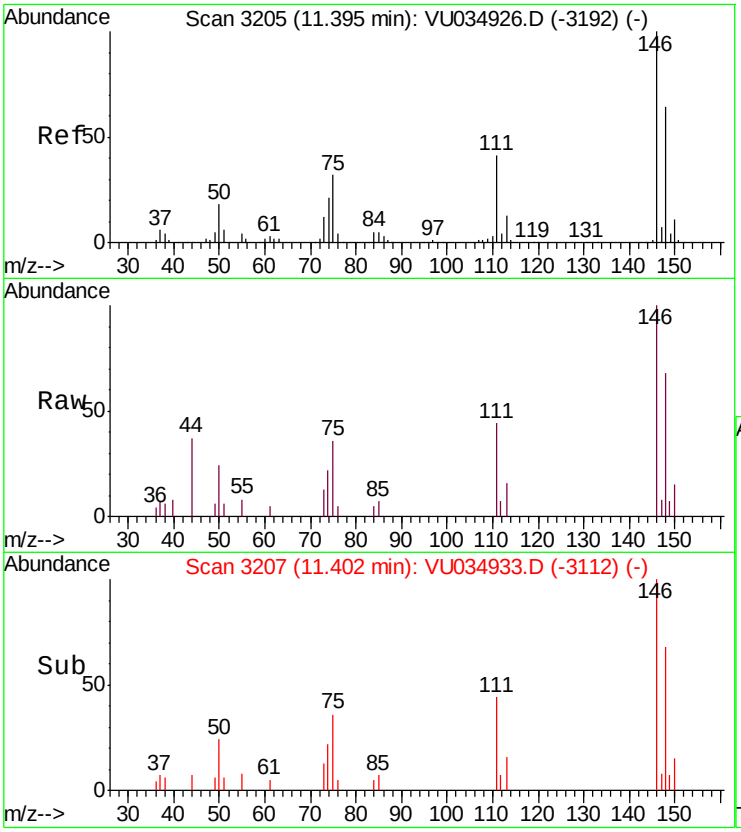


#59
1,2,3-Trichloropropane
Concen: 1.302 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion: 75 Resp: 12423

Ion	Ratio	Lower	Upper
75	100		
77	38.9	26.5	39.7



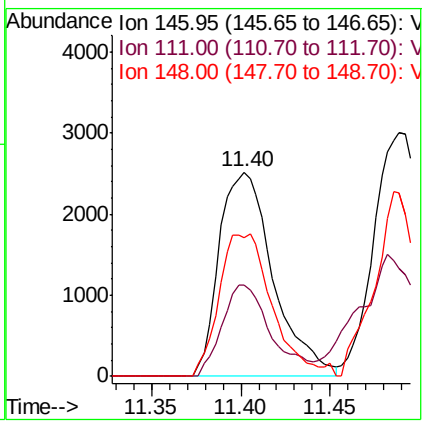


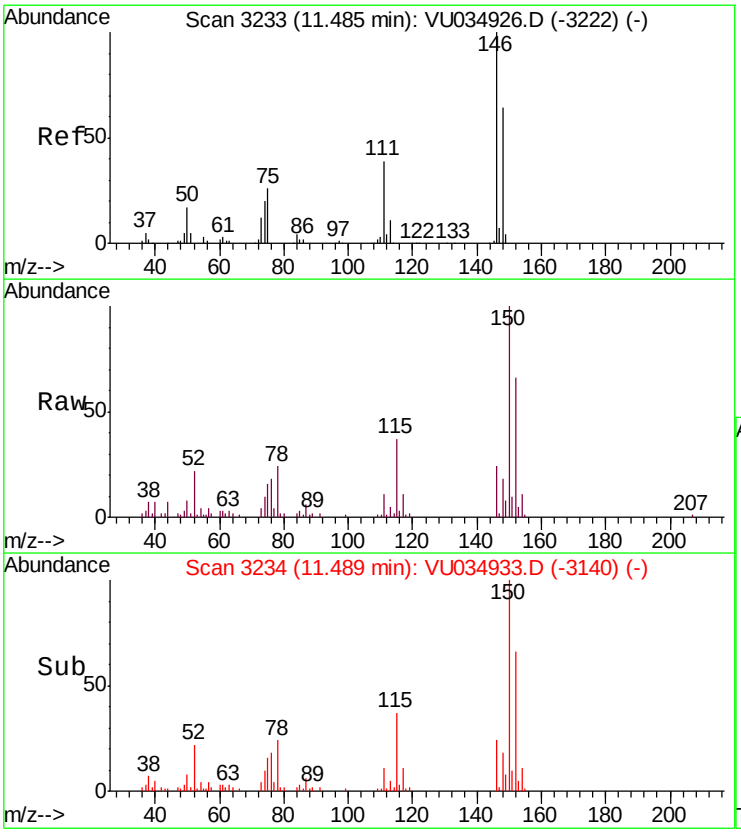
#62
1,3-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.40 min Scan# 3207
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion:146 Resp: 5326

Ion	Ratio	Lower	Upper
146	100		
111	44.4	27.7	51.5
148	68.0	43.3	80.3

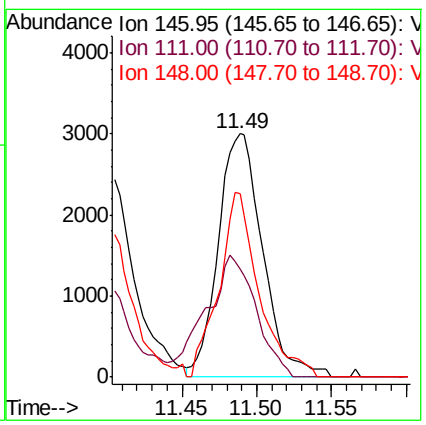


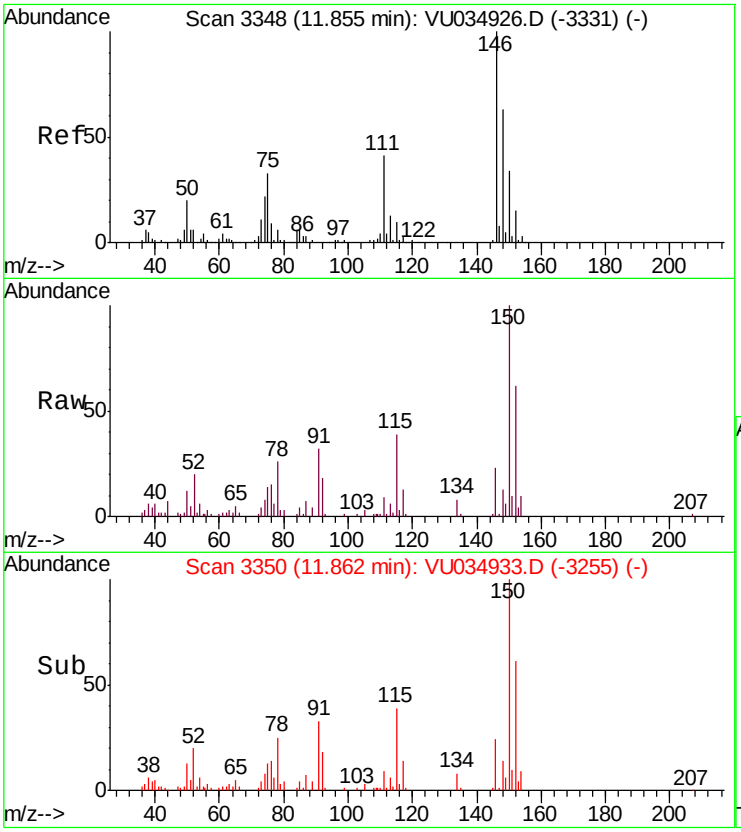


#63
1,4-Dichlorobenzene
Concen: 0.259 ug/L
RT: 11.49 min Scan# 3234
Delta R.T. 0.00 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion:146 Resp: 6206

Ion	Ratio	Lower	Upper
146	100		
111	44.4	27.4	50.8
148	75.2	44.6	82.8



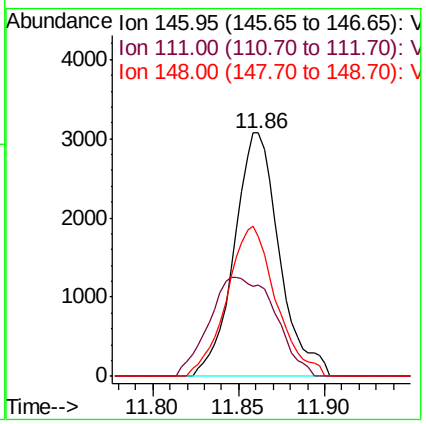


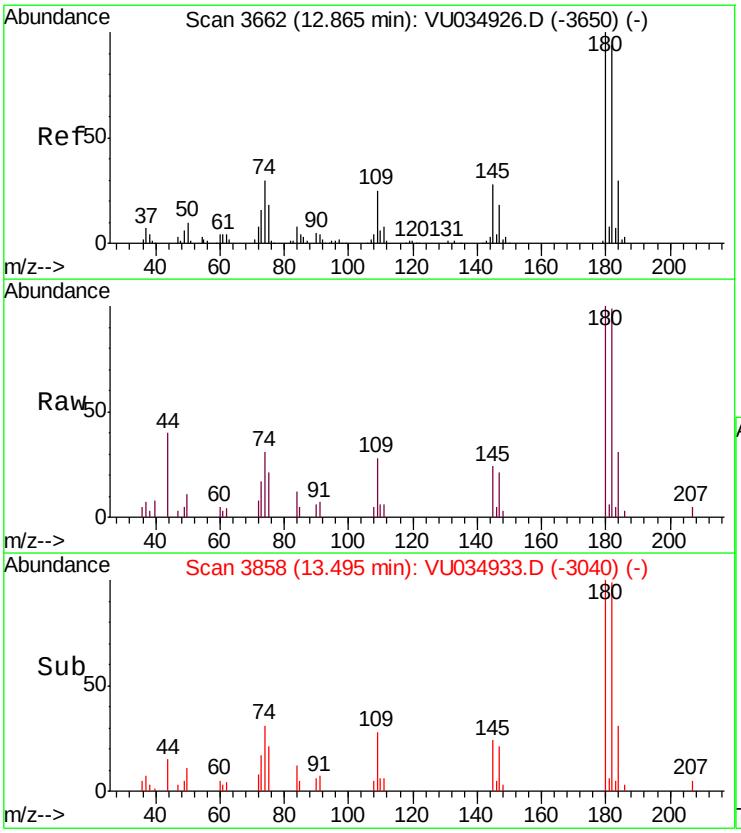
#65
1,2-Dichlorobenzene
Concen: 0.235 ug/L
RT: 11.86 min Scan# 3350
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion:146 Resp: 5611

Ion	Ratio	Lower	Upper
146	100		
111	37.7	33.4	50.2
148	57.4	50.0	75.0

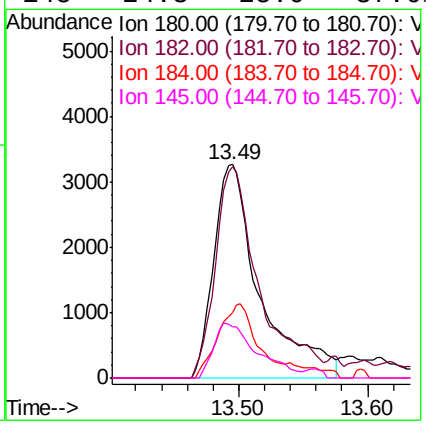


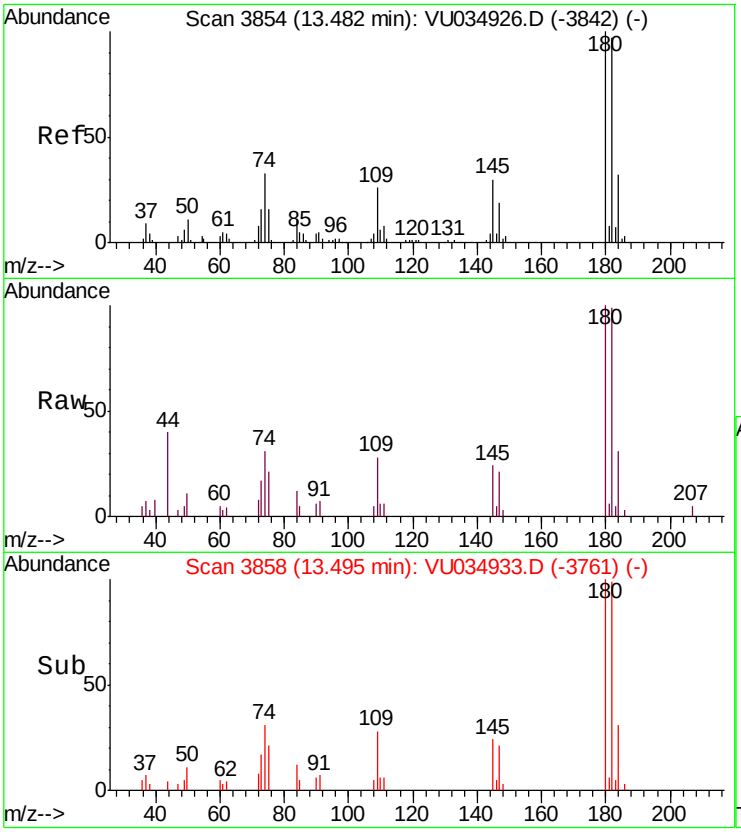


#67
1,3,5-Trichlorobenzene
Concen: 0.475 ug/L
RT: 13.49 min Scan# 3858
Delta R.T. 0.63 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion:180 Resp: 8117

Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.4
184	31.6	24.4	36.6
145	24.3	25.0	37.6#



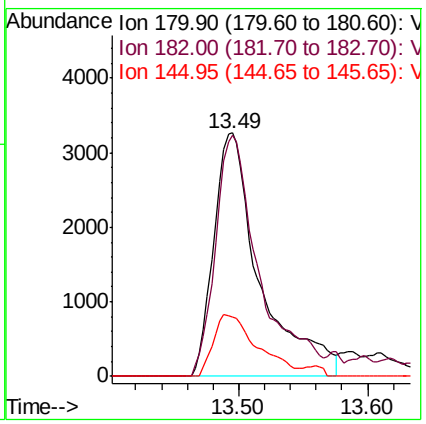


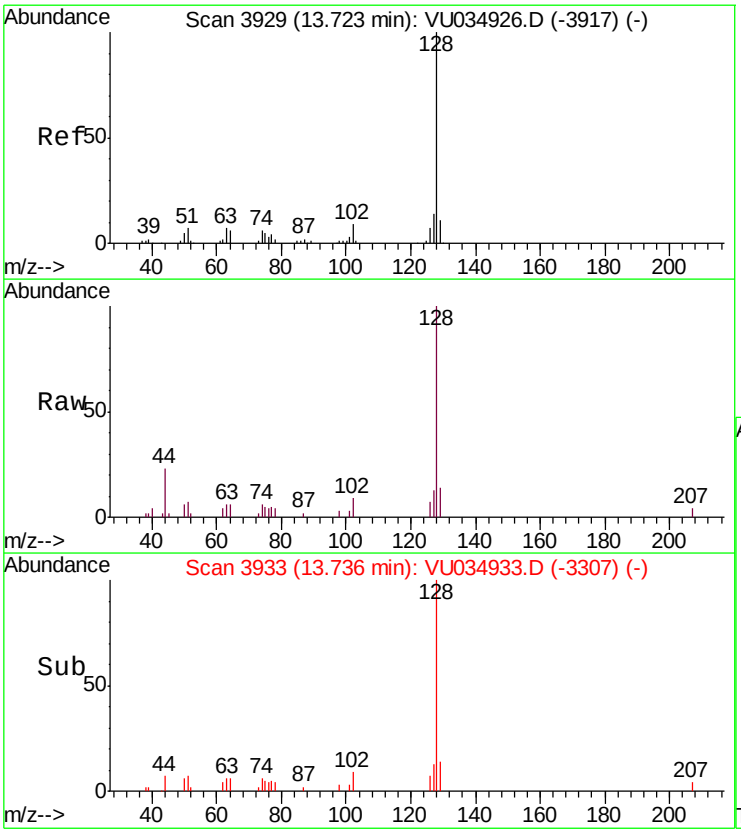
#68
1,2,4-trichlorobenzene
Concen: 0.665 ug/L
RT: 13.49 min Scan# 3858
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion:180 Resp: 8117

Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.3	111.5
145	24.3	24.0	36.0

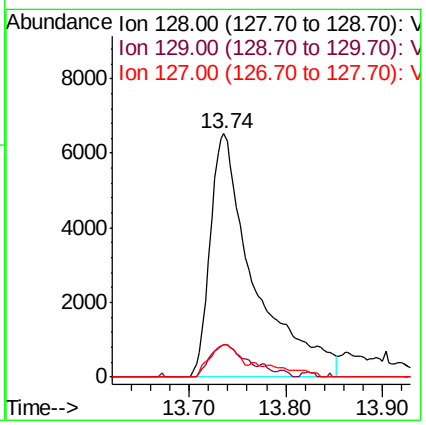


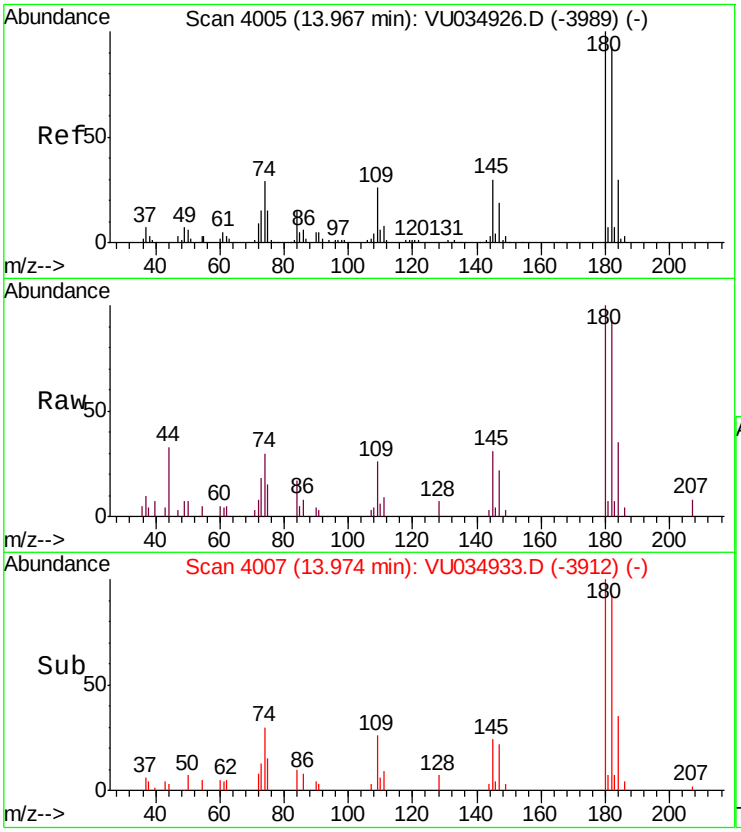


#69
Naphthalene
Concen: 1.007 ug/L
RT: 13.74 min Scan# 3933
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Tgt Ion:128 Resp: 20623

Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.5	12.7
127	9.1	11.0	16.6#





#70
1,2,3-Trichlorobenzene
Concen: 0.838 ug/L
RT: 13.97 min Scan# 4007
Delta R.T. 0.01 min
Lab File: VU034933.D
Acq: 04 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion:180 Resp: 10270

Ion	Ratio	Lower	Upper
180	100		
182	85.2	78.2	117.2
145	28.9	25.4	38.0