Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022219\

Quantitation Report (Not Reviewed)

Data File : VU029604.D
Acq On : 22 Feb 2019 08:32
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Quant Time: Feb 22 22:12:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 15 23:28:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	478255	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	479776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	261474	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	165530	47.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.46%			
7) Chloroethane-d5	1.68	69	144806	46.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.96%			
11) 1,1-Dichloroethene-d2	2.27	63	324573	47.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.76%			
21) 2-Butanone-d5	4.17	46	223722	104.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.90%			
24) Chloroform-d	4.64	84	301380	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.04%			
26) 1,2-Dichloroethane-d4	5.31	65	187508	52.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.20%			
32) Benzene-d6	5.34	84	633188	52.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.90%			
36) 1,2-Dichloropropane-d6	6.33	67	190239	52.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.76%			
41) Toluene-d8	7.56	98	620228	50.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.68%			
43) trans-1,3-Dichloropropene-	7.85	79	96198	49.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.86%			
47) 2-Hexanone-d5	8.31	63	188632	93.26	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300323	48.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.88%			
64) 1,2-Dichlorobenzene-d4	11.86	152	274857	48.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.56%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	151207	46.111	ug/L	100
3) Chloromethane	1.33	50	133610	46.445	ug/L	98
5) Vinyl chloride	1.40	62	172998	44.280	ug/L	100
6) Bromomethane	1.62	94	99774	55.957	ug/L	100
8) Chloroethane	1.70	64	108640	41.808	ug/L	100
9) Trichlorofluoromethane	1.88	101	253106	40.641	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	158838	47.680	ug/L	99
12) 1,1-Dichloroethene	2.28	96	148741	46.965	ug/L	91
13) Acetone	2.32	43	240944	105.728	ug/L	100
14) Carbon disulfide	2.48	76	396100	47.755	ug/L	100
15) Methyl Acetate	2.61	43	141807	47.941	ug/L	100
16) Methylene chloride	2.70	84	147903	48.262	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	141925	48.552	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	416842	46.060	ug/L	99
19) 1,1-Dichloroethane	3.44	63	240445	47.570	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	160268	47.185	ug/L	98
22) 2-Butanone	4.26	43	262704	101.009	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022219\

Quantitation Report (Not Reviewed)

Data File : VU029604.D
Acq On : 22 Feb 2019 08:32
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Quant Time: Feb 22 22:12:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 15 23:28:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	86491	46.451	ug/L	97
25) Chloroform	4.67	83	267044	47.352	ug/L	100
27) 1,2-Dichloroethane	5.40	62	197719	45.600	ug/L	99
29) Cyclohexane	4.99	56	221335	46.617	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	225651	44.358	ug/L	98
31) Carbon tetrachloride	5.13	117	202866	44.060	ug/L	99
33) Benzene	5.39	78	574406	46.697	ug/L	100
34) Trichloroethene	6.18	95	154755	46.702	ug/L	98
35) Methylcyclohexane	6.41	83	258356	46.948	ug/L	98
37) 1,2-Dichloropropane	6.43	63	148294	45.926	ug/L	99
38) Bromodichloromethane	6.75	83	196239	45.080	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	238710	45.821	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	387209	85.276	ug/L	98
42) Toluene	7.63	91	656489	45.130	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	222042	45.224	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	153137	44.494	ug/L	97
46) Tetrachloroethene	8.22	164	145745	44.937	ug/L	98
48) 2-Hexanone	8.36	43	355834	89.707	ug/L	98
49) Dibromochloromethane	8.47	129	182052	43.632	ug/L	99
50) 1,2-Dibromoethane	8.58	107	171906	45.082	ug/L	98
51) Chlorobenzene	9.12	112	447858	44.857	ug/L	98
52) Ethylbenzene	9.25	91	734871	44.481	ug/L	100
53) m,p-Xylene	9.37	106	287801	43.397	ug/L	98
54) o-xylene	9.77	106	290592	43.622	ug/L	99
55) Styrene	9.79	104	492519	43.797	ug/L	97
56) Isopropylbenzene	10.16	105	762415	43.737	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	262375	43.111	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	198850	43.191	ug/L	99
61) Bromoform	9.95	173	145655	41.365	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	372814	44.719	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	380726	45.380	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	379400	43.597	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	57907	42.760	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	295914	46.514	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	257678	46.830	ug/L	100
69) Naphthalene	13.74	128	765933	45.287	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	267279	45.741	ug/L	99

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

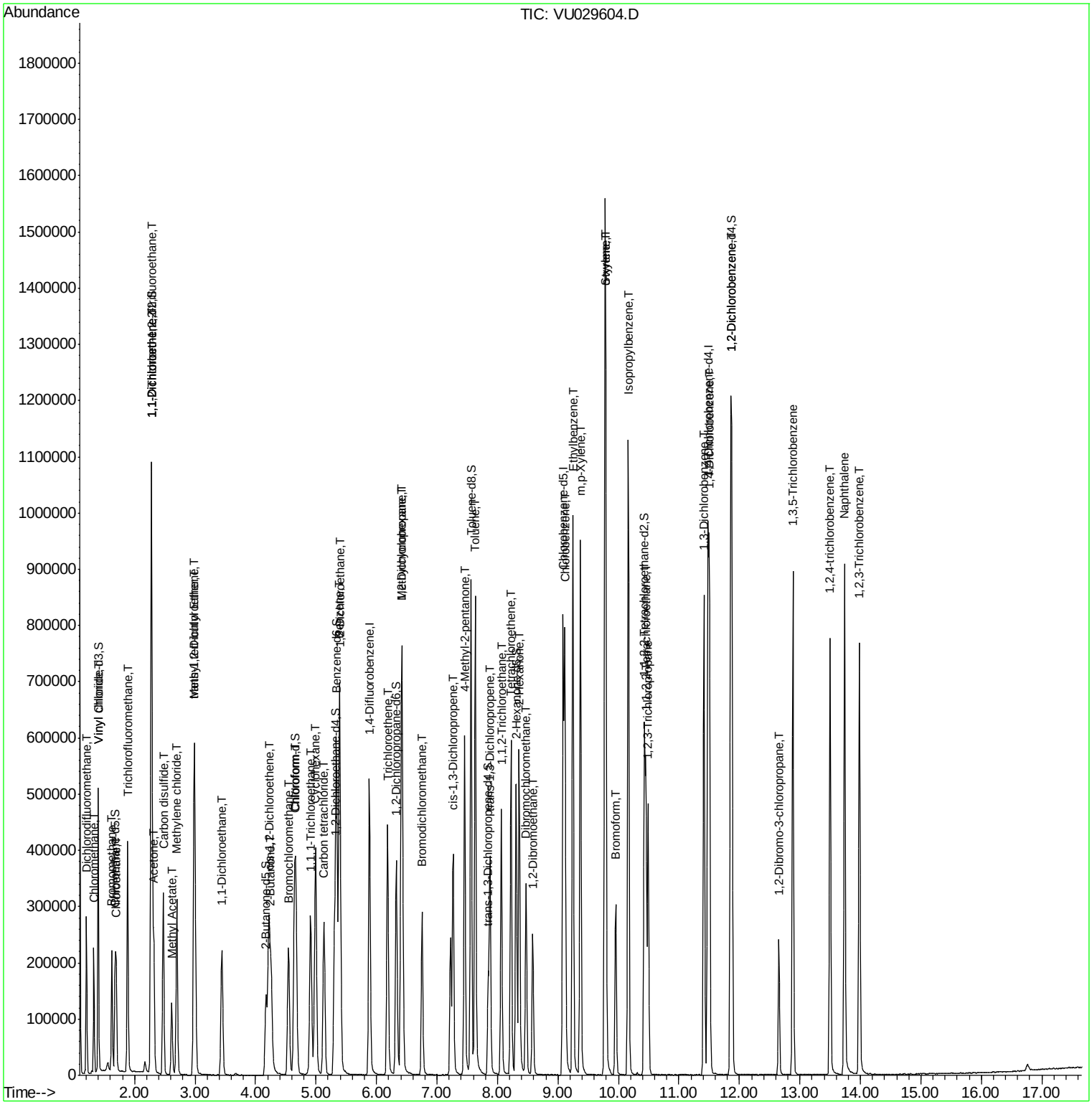
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022219\

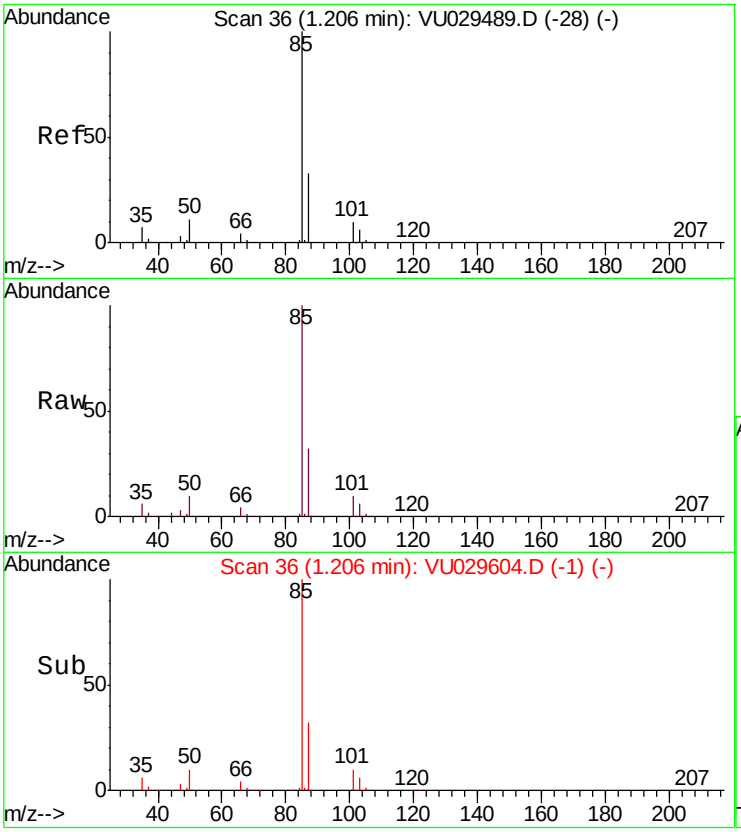
Quantitation Report (Not Reviewed)

Data File : VU029604.D
Acq On : 22 Feb 2019 08:32
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Quant Time: Feb 22 22:12:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 15 23:28:02 2019
Response via : Initial Calibration



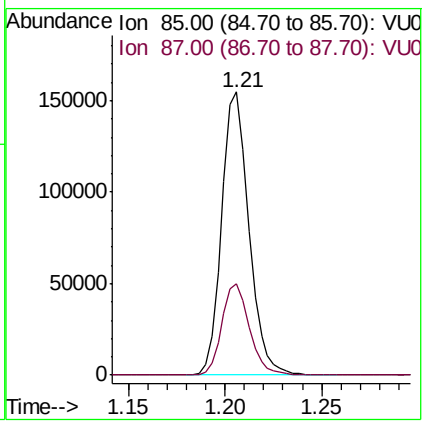


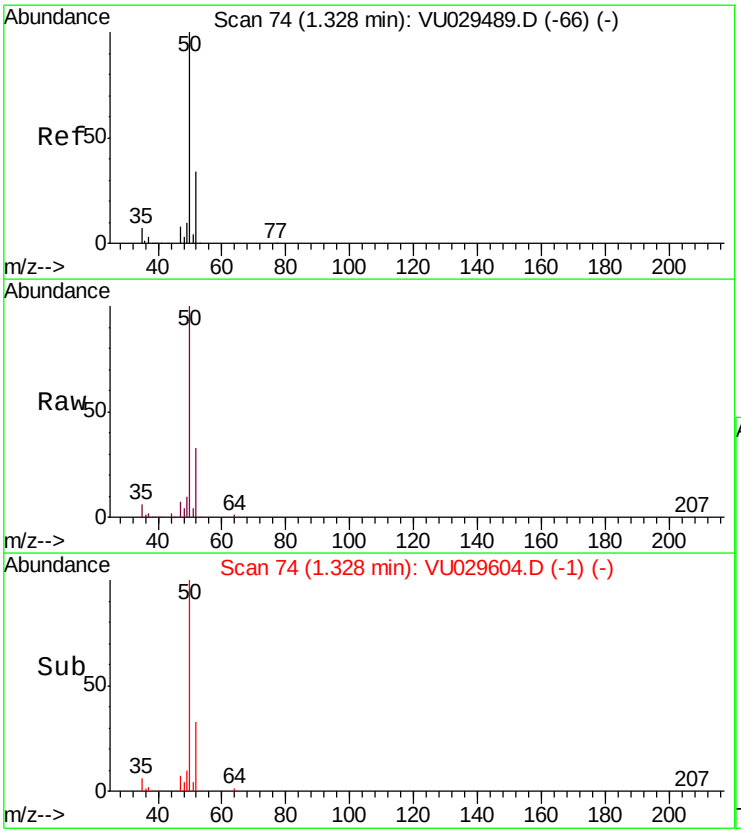
#2
Dichlorodifluoromethane
Concen: 46.111 ug/L
RT: 1.21 min Scan# 36
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 85 Resp: 151207

Ion	Ratio	Lower	Upper
85	100		
87	32.5	25.9	38.9

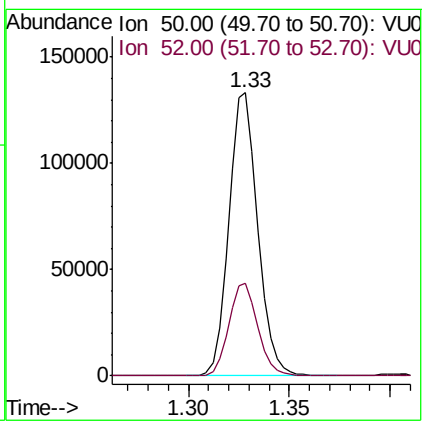


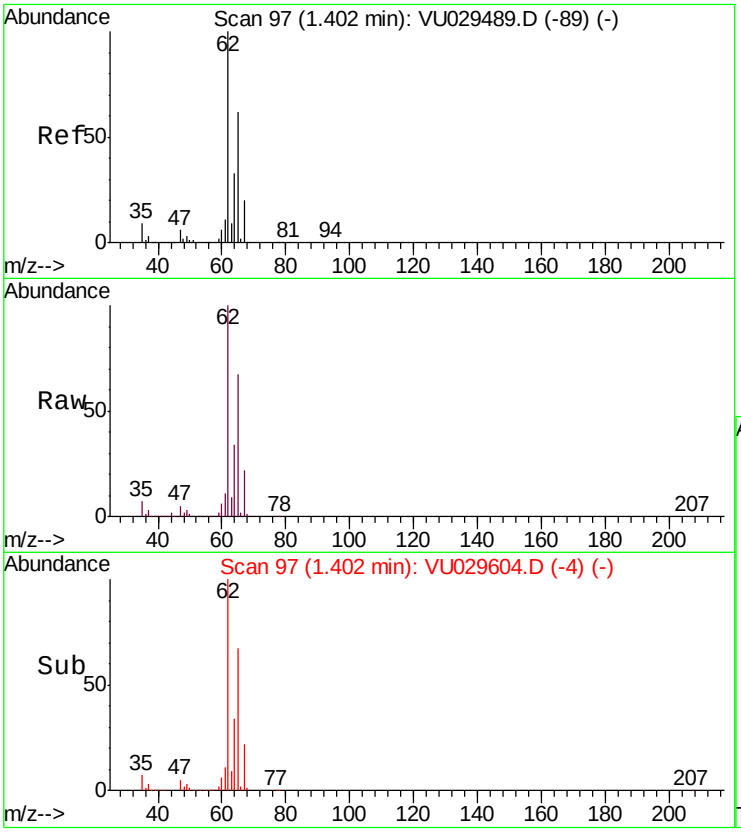


#3
Chloromethane
Concen: 46.445 ug/L
RT: 1.33 min Scan# 74
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 50 Resp: 133610

Ion	Ratio	Lower	Upper
50	100		
52	32.7	23.9	44.3



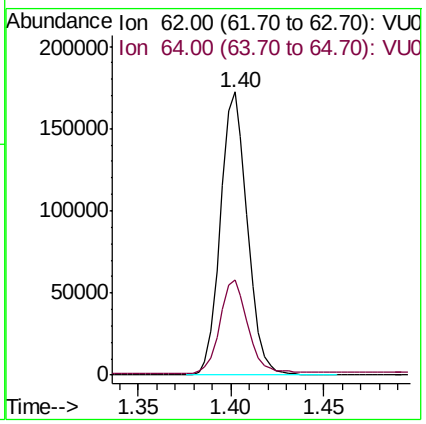


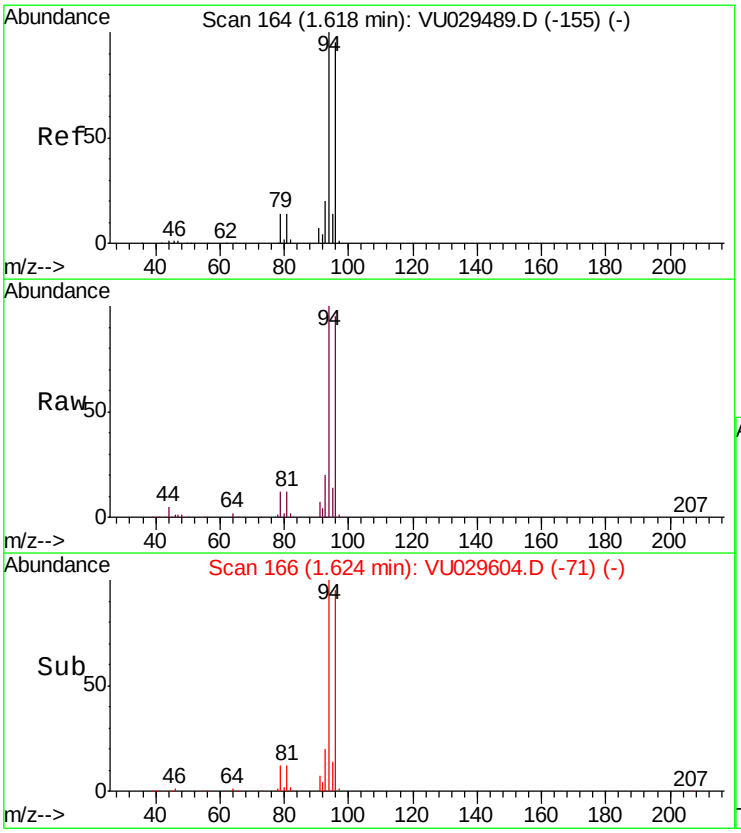
#5
Vinyl chloride
Concen: 44.280 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 62 Resp: 172998

Ion	Ratio	Lower	Upper
62	100		
64	33.8	23.7	43.9

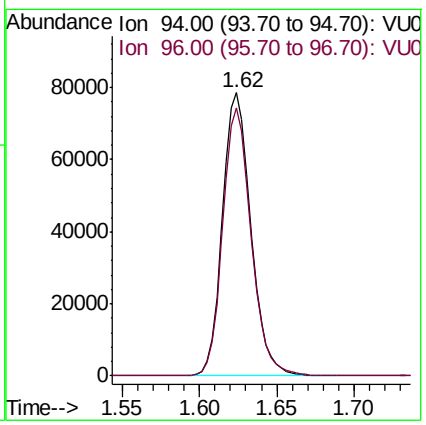


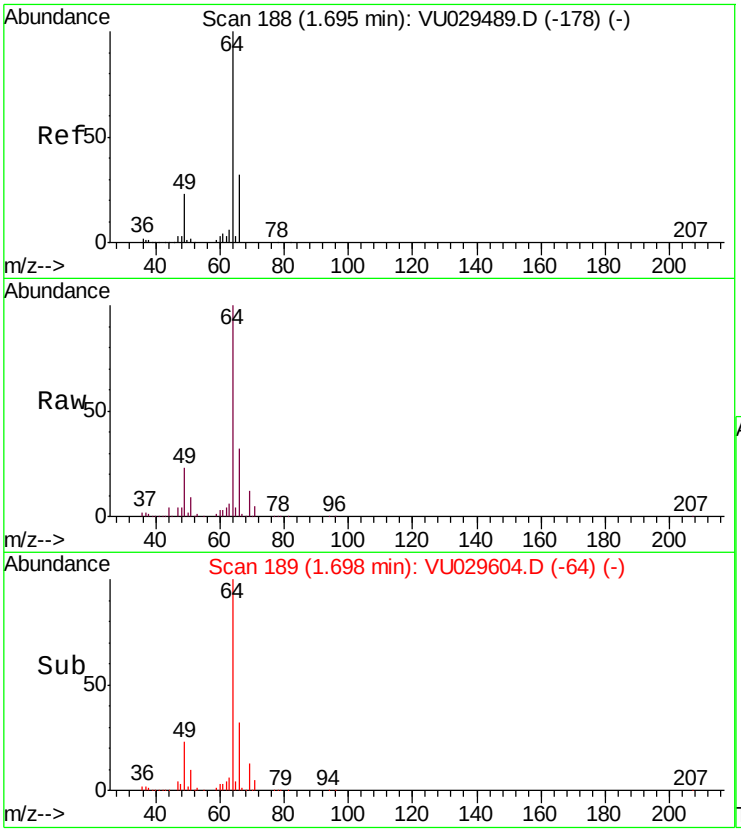


#6
Bromomethane
Concen: 55.957 ug/L
RT: 1.62 min Scan# 166
Delta R.T. 0.01 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 94 Resp: 99774

Ion	Ratio	Lower	Upper
94	100		
96	94.9	66.4	123.2



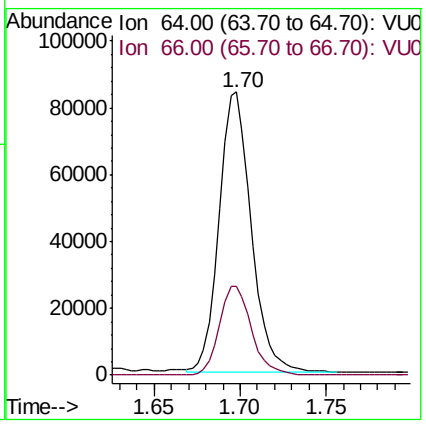


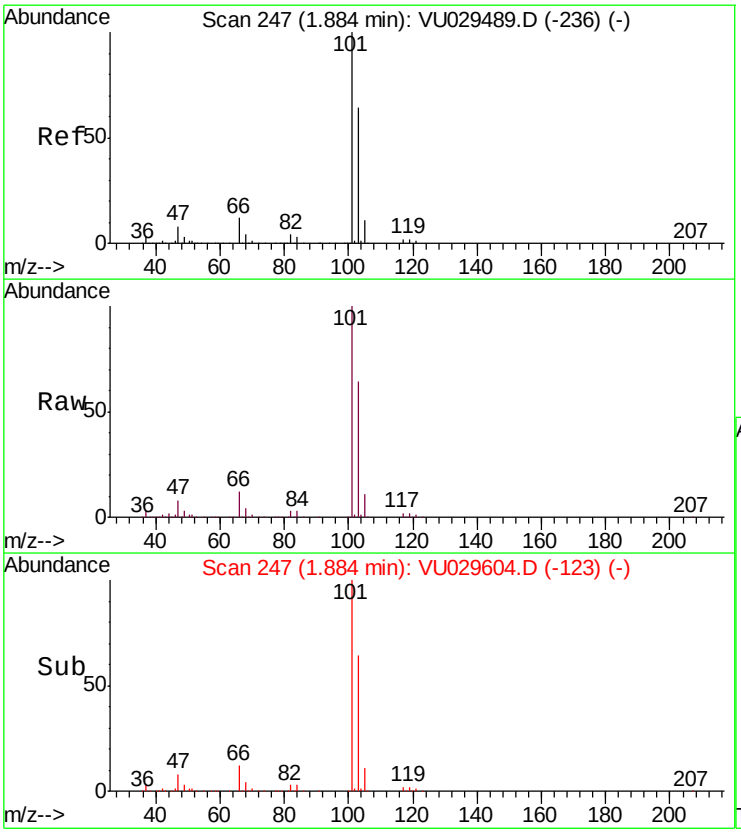
#8
Chloroethane
Concen: 41.808 ug/L
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 64 Resp: 108640

Ion	Ratio	Lower	Upper
64	100		
66	31.6	22.0	41.0

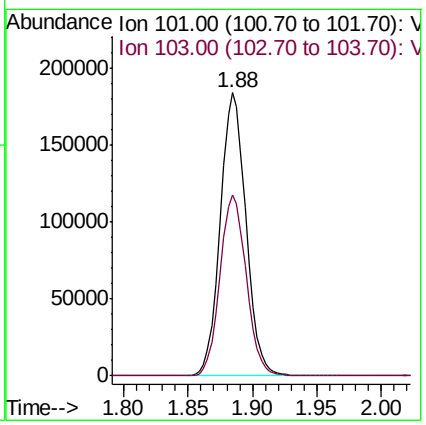


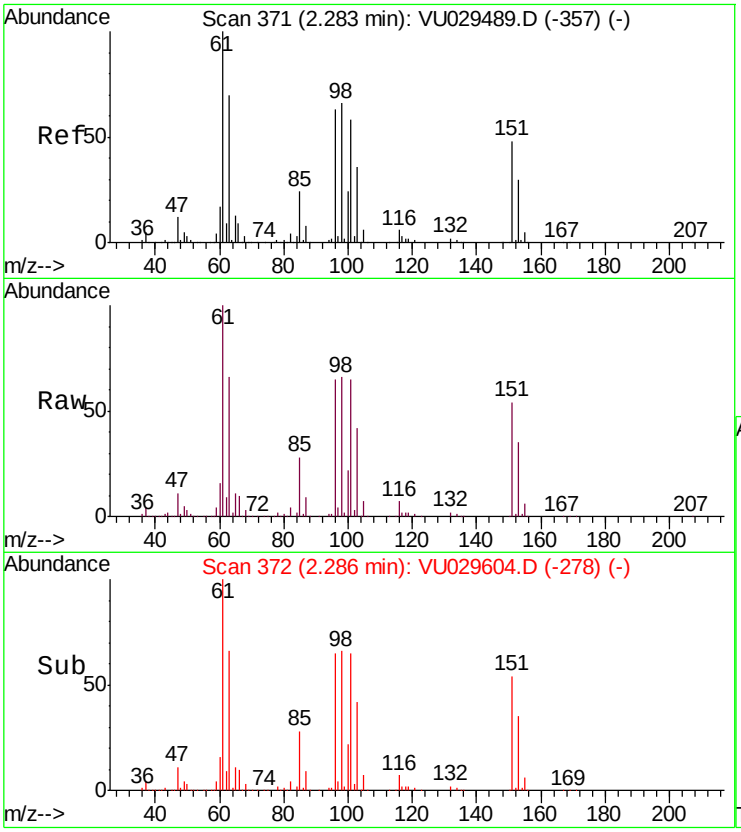


#9
Trichlorofluoromethane
Concen: 40.641 ug/L
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:101 Resp: 253106

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.4	77.2



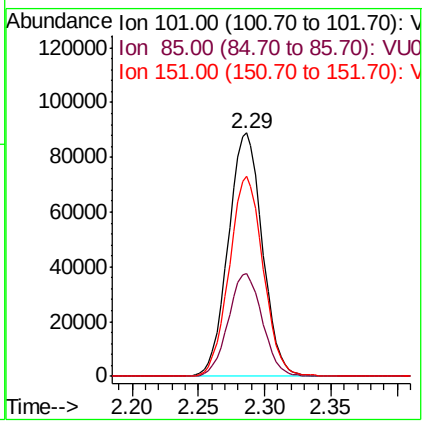


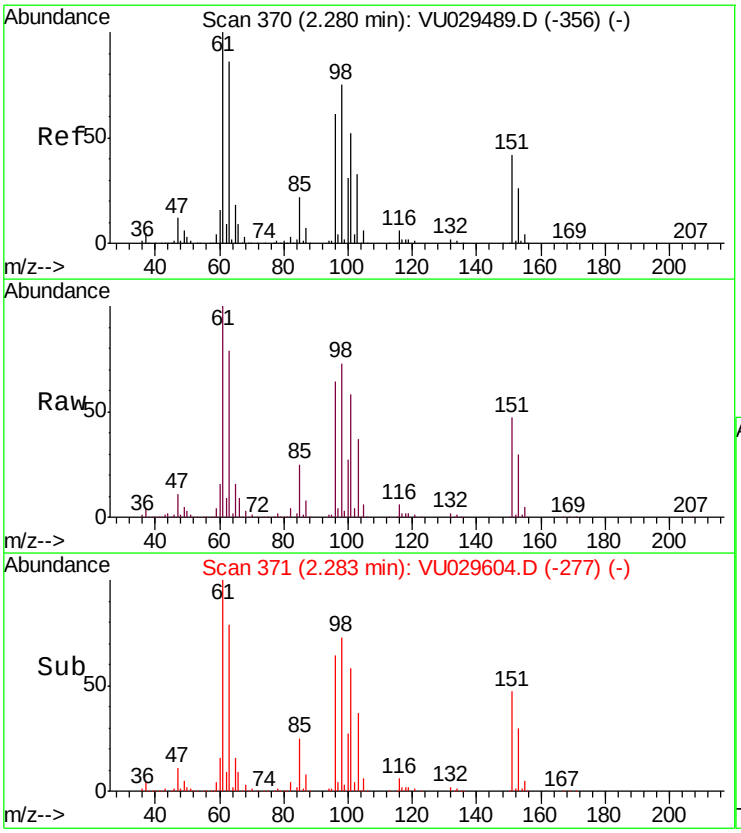
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.680 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion:101 Resp: 158838

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.0	49.6
151	81.6	65.7	98.5

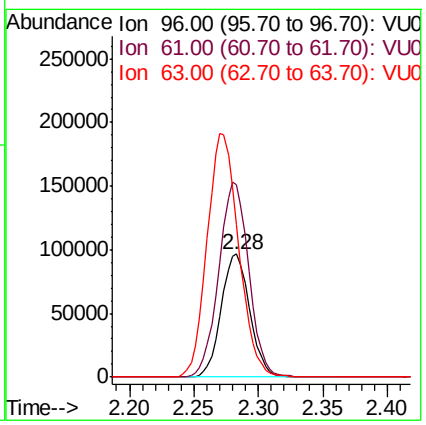


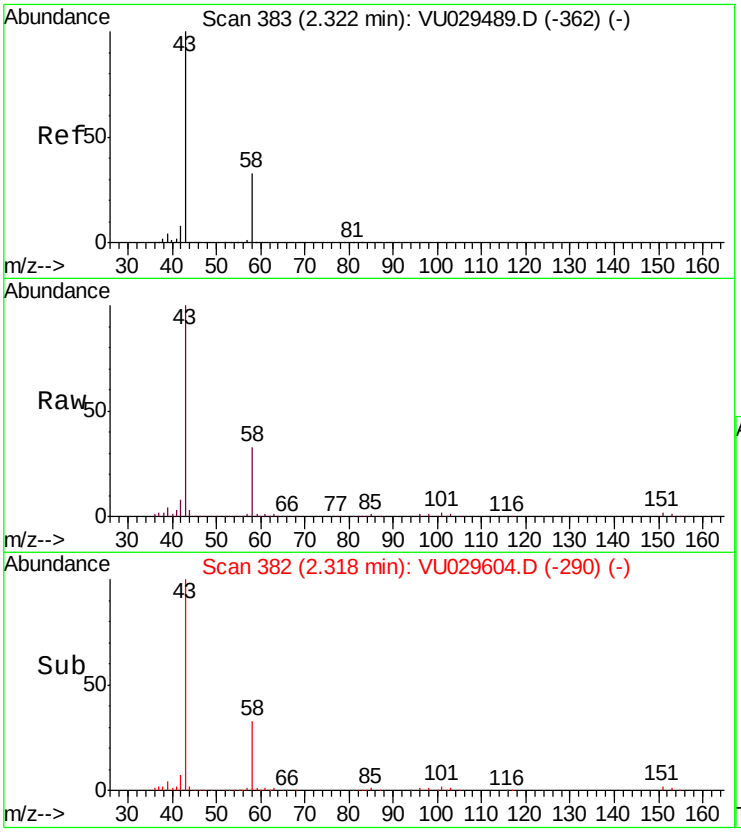


#12
1,1-Dichloroethene
Concen: 46.965 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 96 Resp: 148741

Ion	Ratio	Lower	Upper
96	100		
61	156.3	114.0	211.8
63	123.6	98.7	183.3



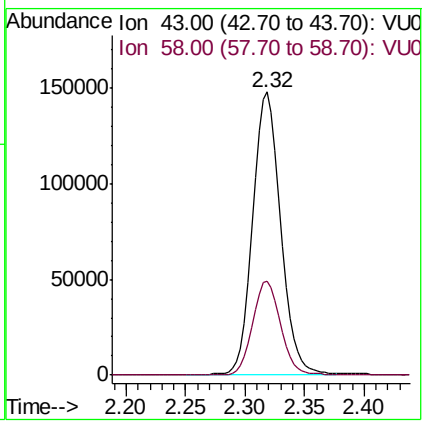


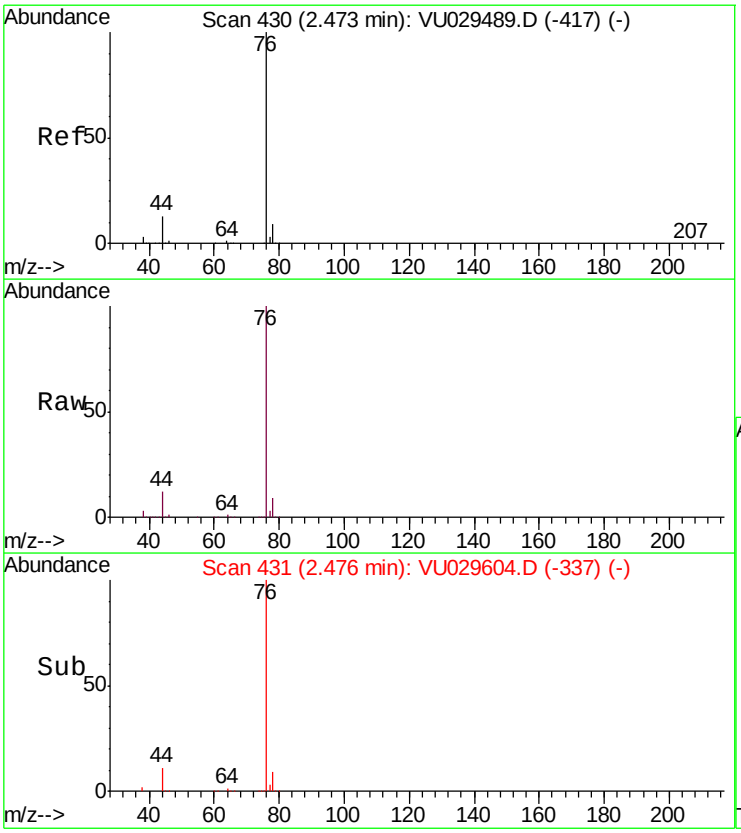
#13
Acetone
Concen: 105.728 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 43 Resp: 240944

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	66.8

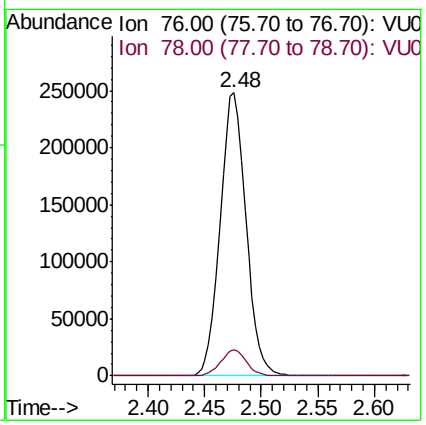


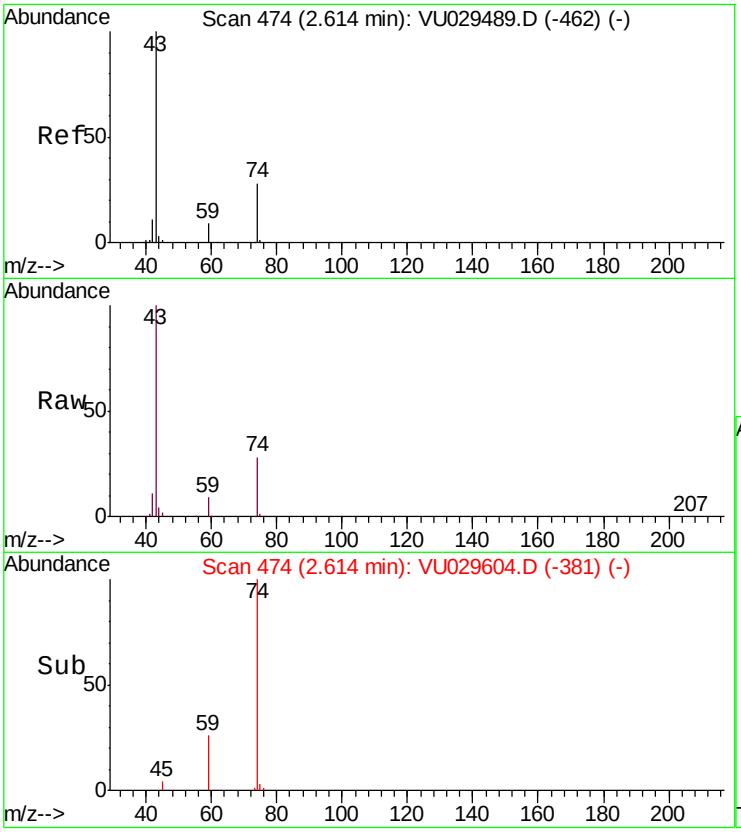


#14
Carbon disulfide
Concen: 47.755 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 76 Resp: 396100

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2



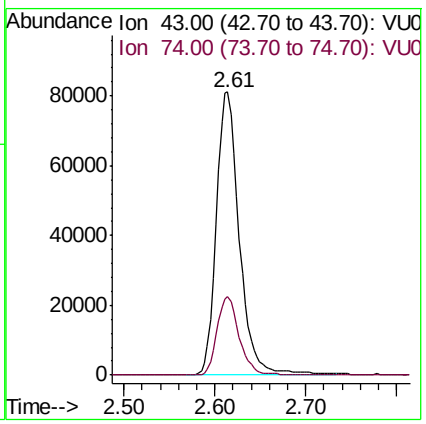


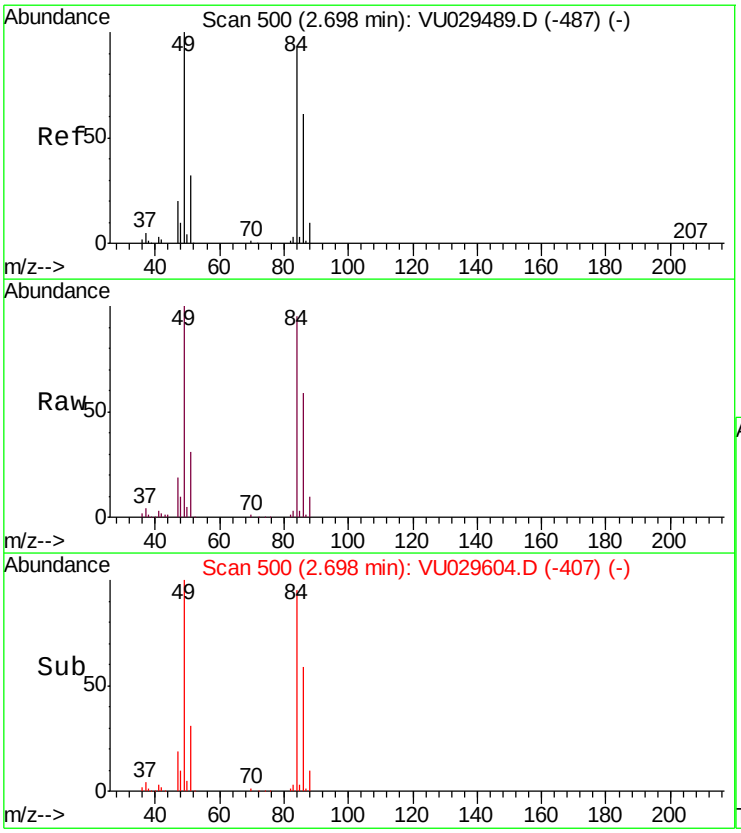
#15
Methyl Acetate
Concen: 47.941 ug/L
RT: 2.61 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 43 Resp: 141807

Ion	Ratio	Lower	Upper
43	100		
74	26.9	21.5	32.3

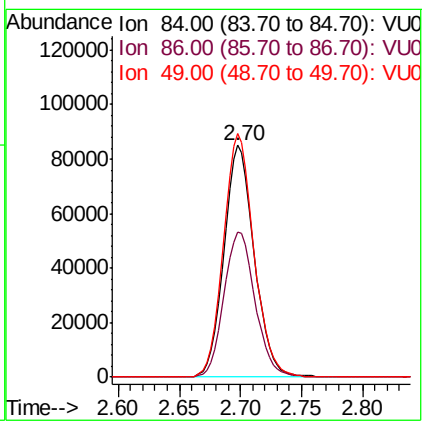


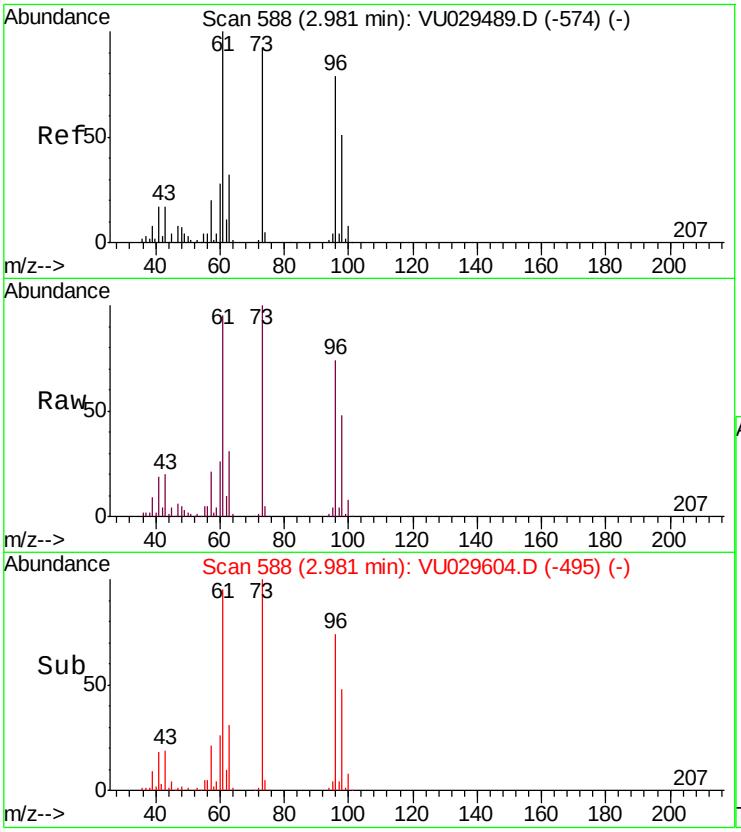


#16
Methylene chloride
Concen: 48.262 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 84 Resp: 147903

Ion	Ratio	Lower	Upper
84	100		
86	62.4	45.8	85.0
49	105.2	75.1	139.5



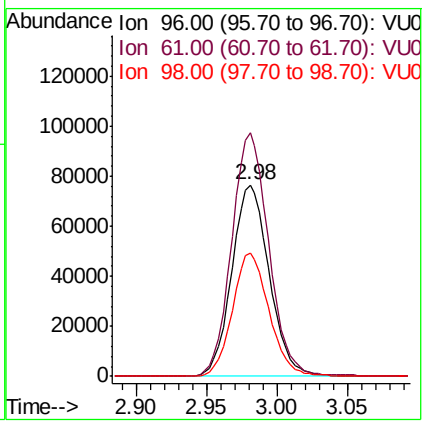


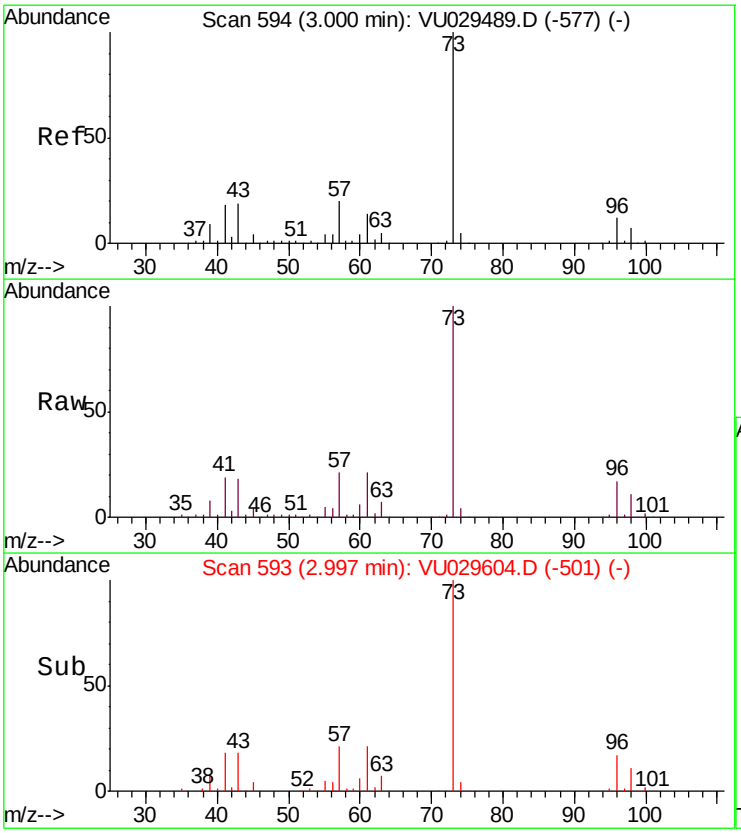
#17
trans-1,2-Dichloroethene
Concen: 48.552 ug/L
RT: 2.98 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 96 Resp: 141925

Ion	Ratio	Lower	Upper
96	100		
61	127.3	88.3	163.9
98	64.3	44.8	83.2

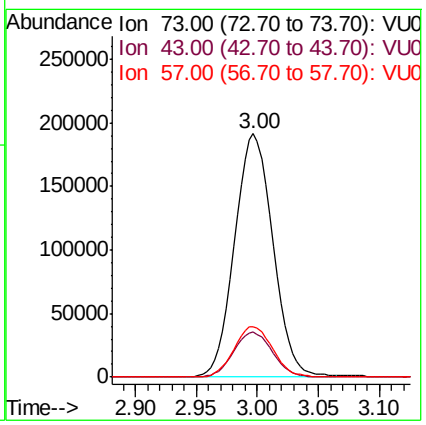


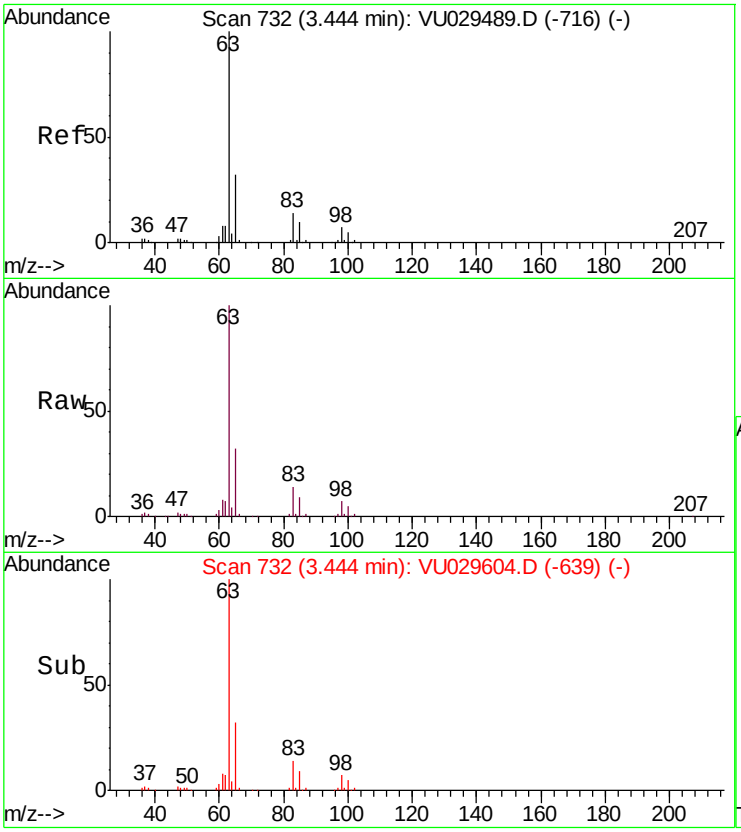


#18
Methyl tert-butyl Ether
Concen: 46.060 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 73 Resp: 416842

Ion	Ratio	Lower	Upper
73	100		
43	18.6	14.8	22.2
57	21.1	16.5	24.7



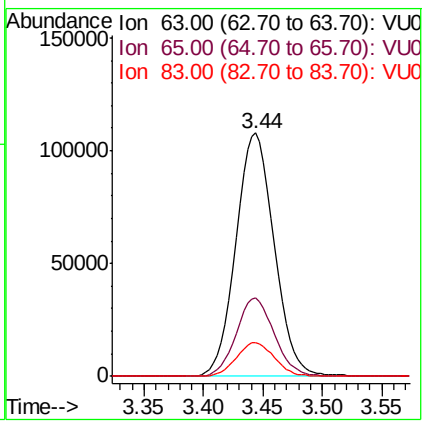


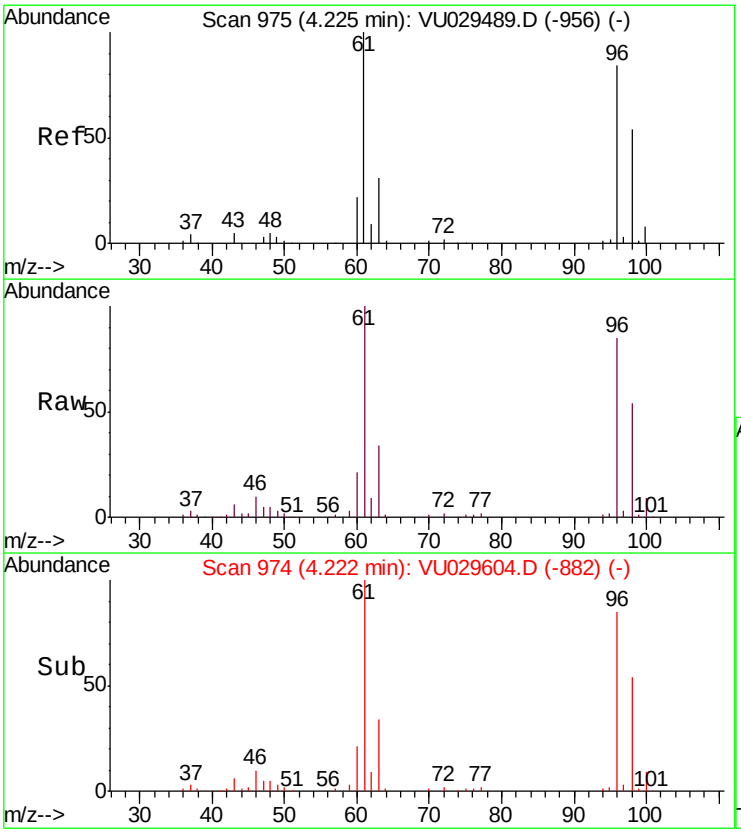
#19
1,1-Dichloroethane
Concen: 47.570 ug/L
RT: 3.44 min Scan# 732
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 63 Resp: 240445

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.3
83	14.0	9.9	18.3

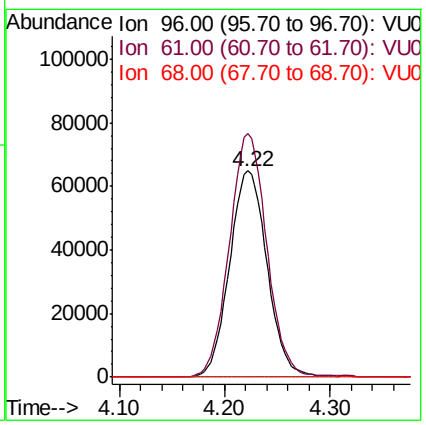


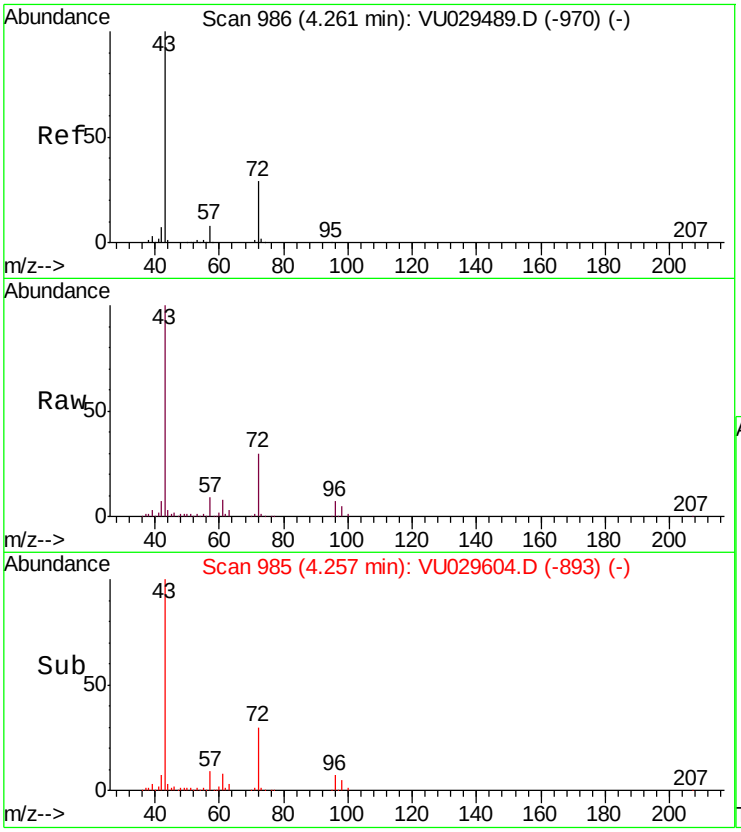


#20
cis-1,2-Dichloroethene
Concen: 47.185 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 96 Resp: 160268

Ion	Ratio	Lower	Upper
96	100		
61	118.0	83.9	155.7
68	0.0	0.0	0.0



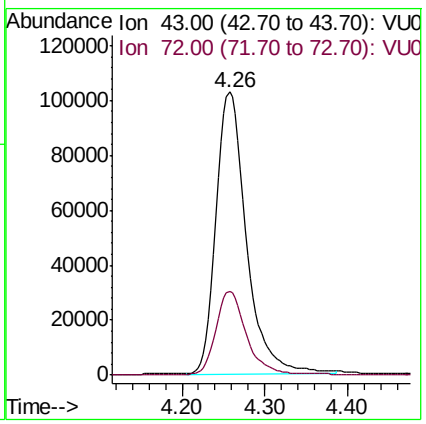


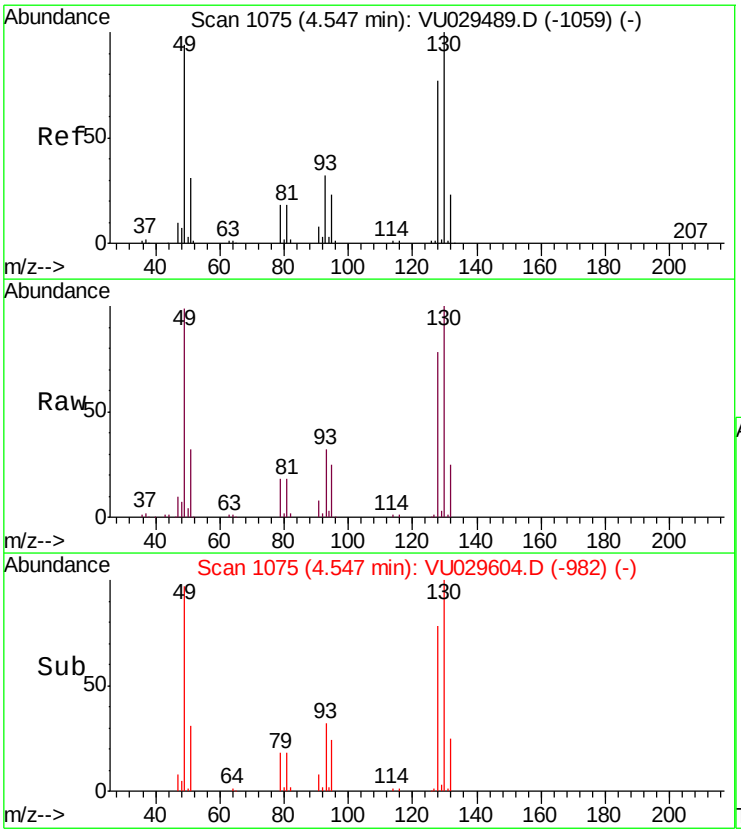
#22
2-Butanone
Concen: 101.009 ug/L
RT: 4.26 min Scan# 985
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 43 Resp: 262704

Ion	Ratio	Lower	Upper
43	100		
72	29.9	15.2	45.6

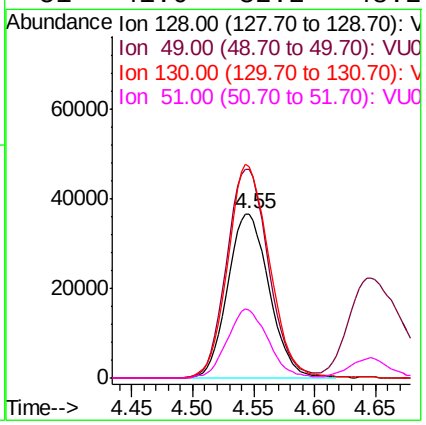


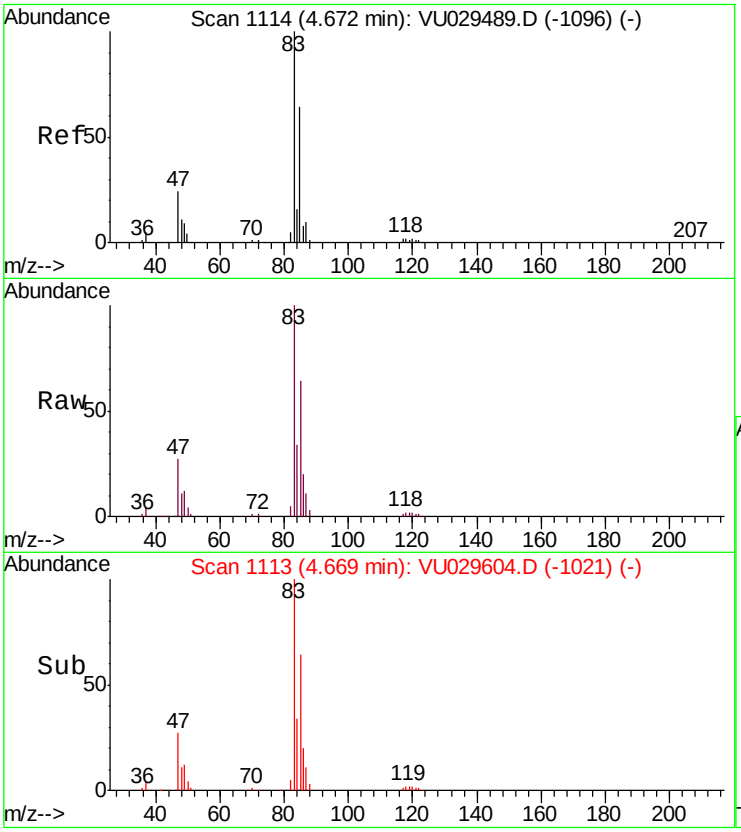


#23
Bromochloromethane
Concen: 46.451 ug/L
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:128 Resp: 86491

Ion	Ratio	Lower	Upper
128	100		
49	127.2	85.9	159.5
130	128.6	91.3	169.5
51	41.0	32.2	48.2



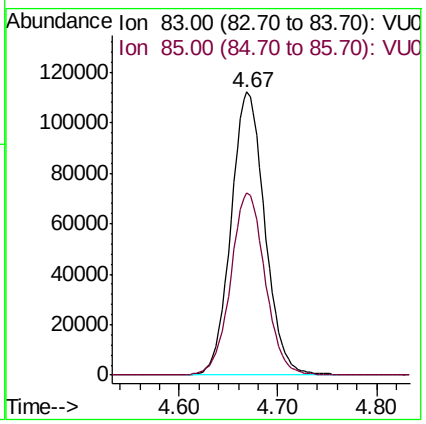


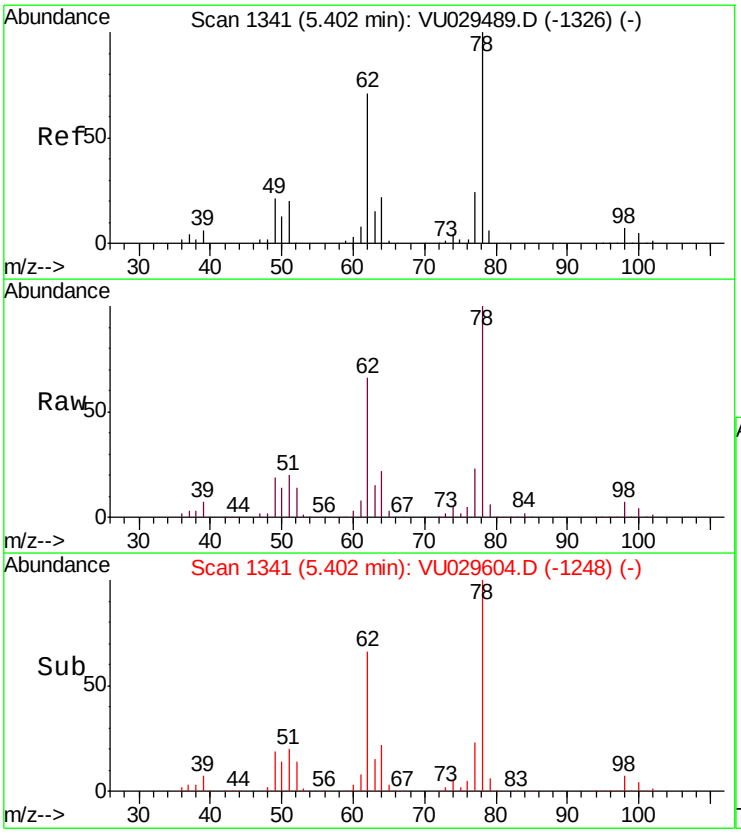
#25
Chloroform
Concen: 47.352 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 83 Resp: 267044

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.4	84.2

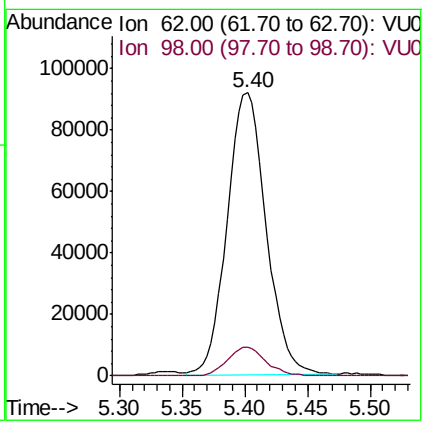


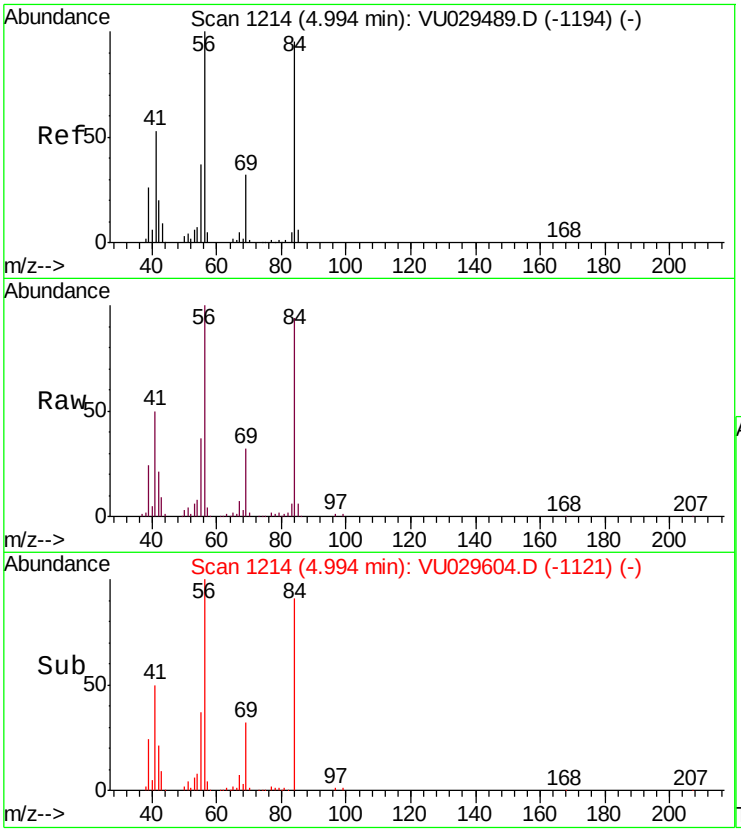


#27
1,2-Dichloroethane
Concen: 45.600 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 62 Resp: 197719

Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.8	11.8



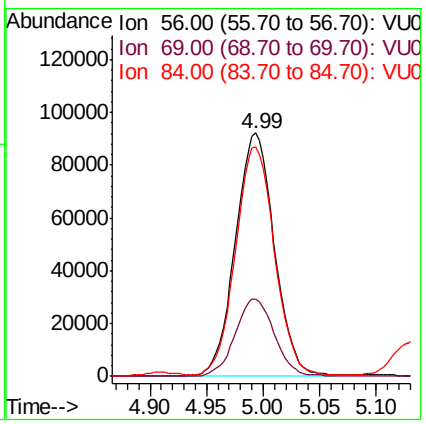


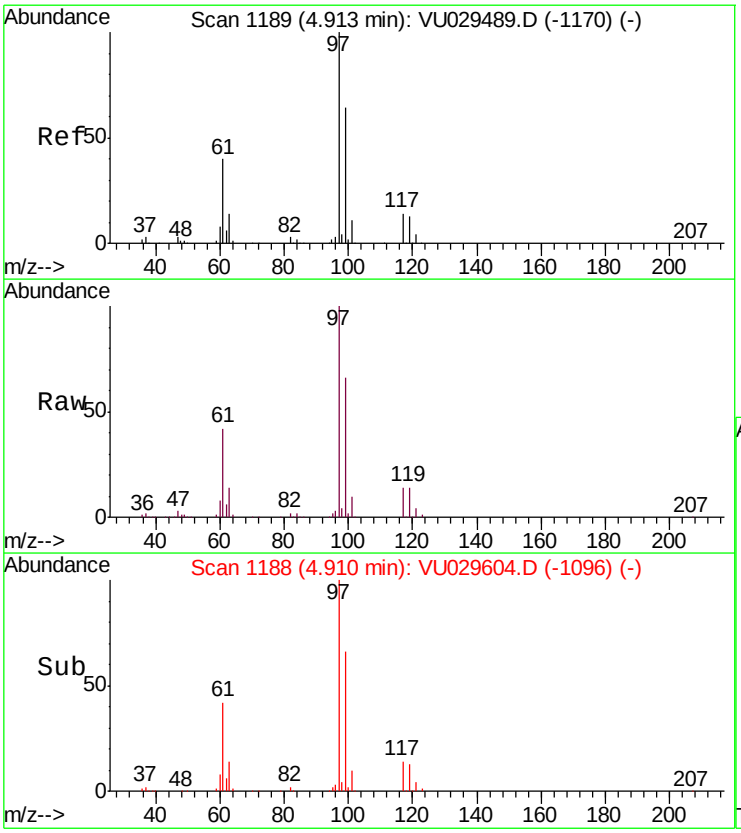
#29
Cyclohexane
Concen: 46.617 ug/L
RT: 4.99 min Scan# 1214
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 56 Resp: 221335

Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.7	38.5
84	93.3	77.1	115.7

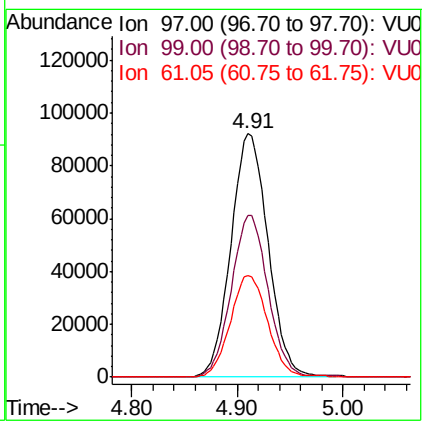


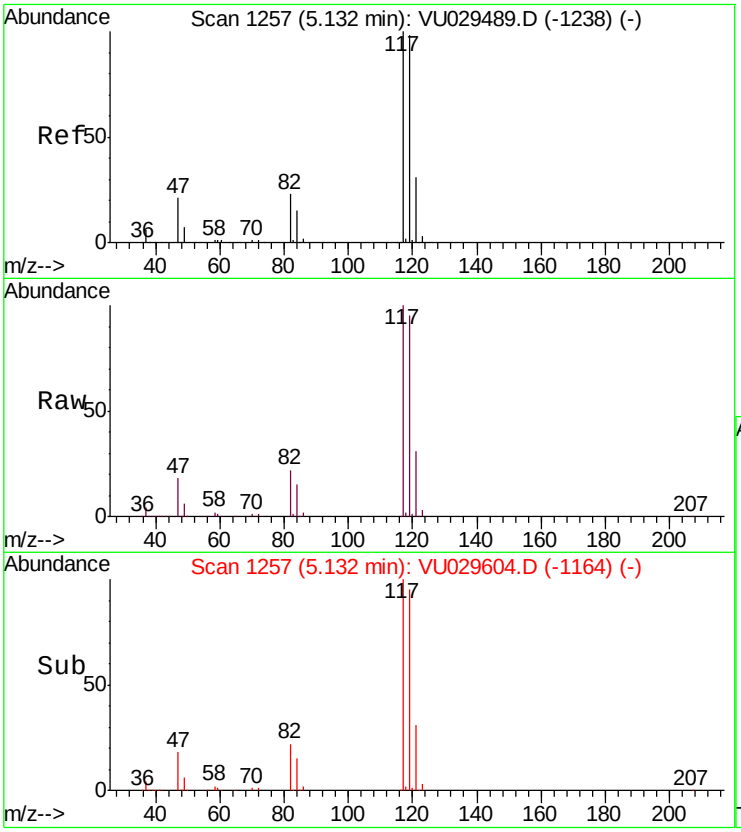


#30
1,1,1-Trichloroethane
Concen: 44.358 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 97 Resp: 225651

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.4	77.0
61	41.9	32.3	48.5



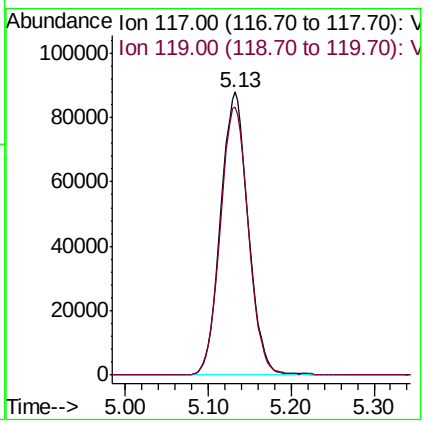


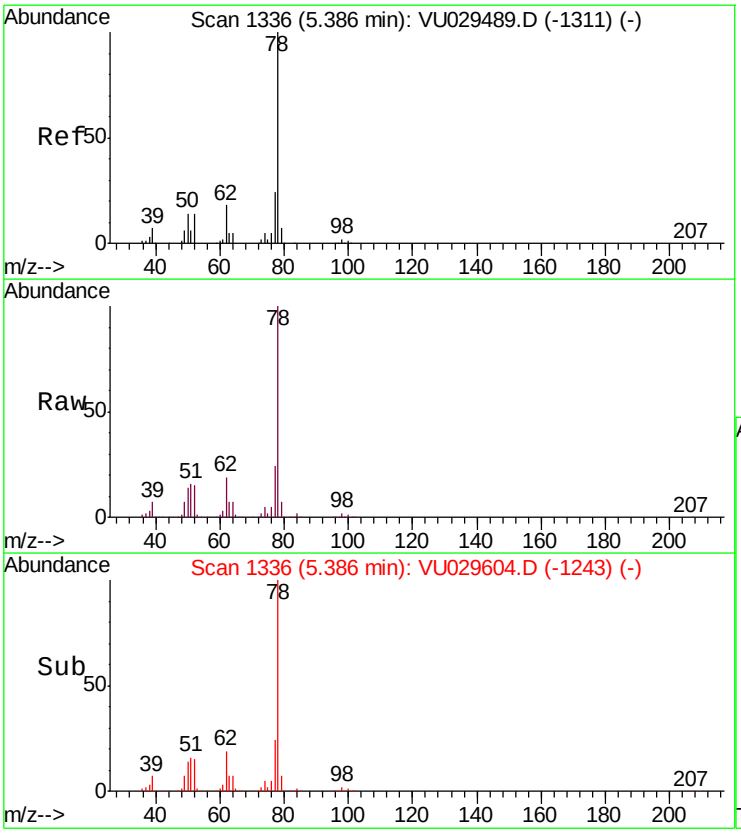
#31
Carbon tetrachloride
Concen: 44.060 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:117 Resp: 202866

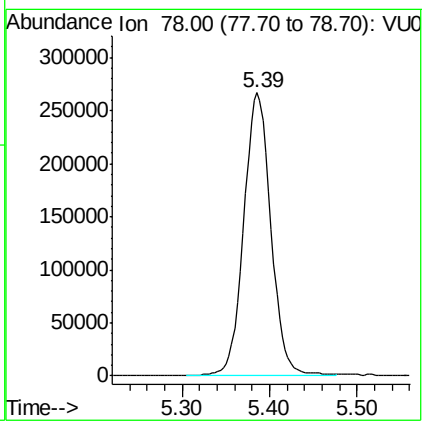
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8

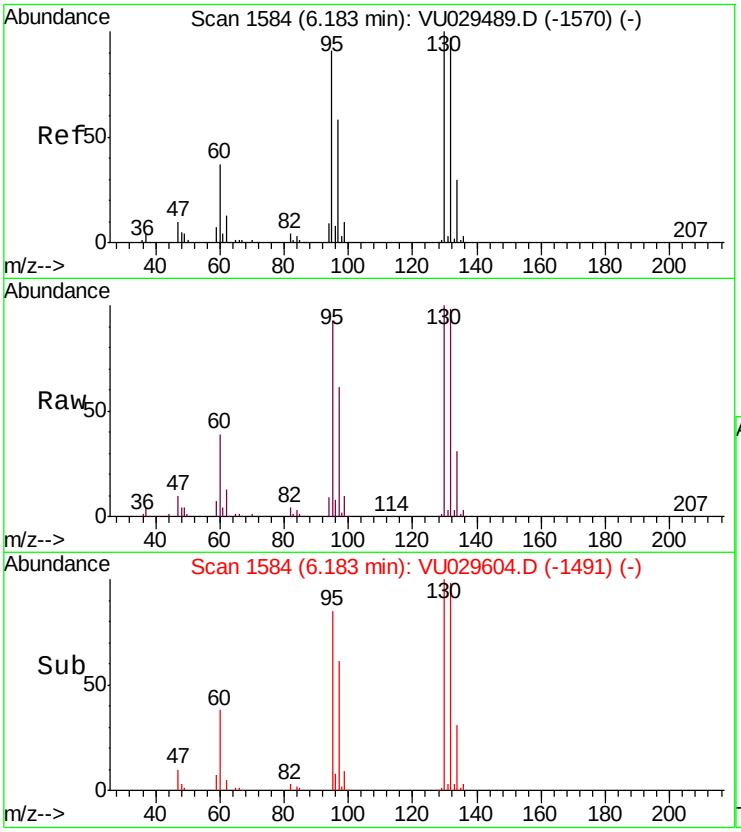




#33
Benzene
Concen: 46.697 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 78 Resp: 574406



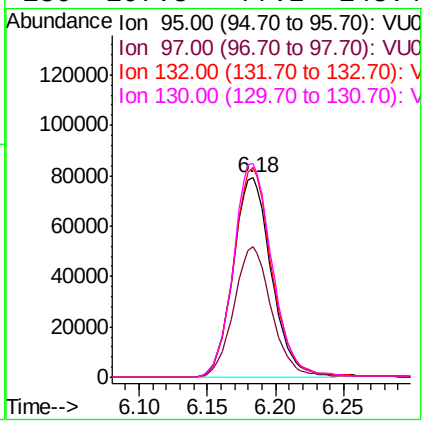


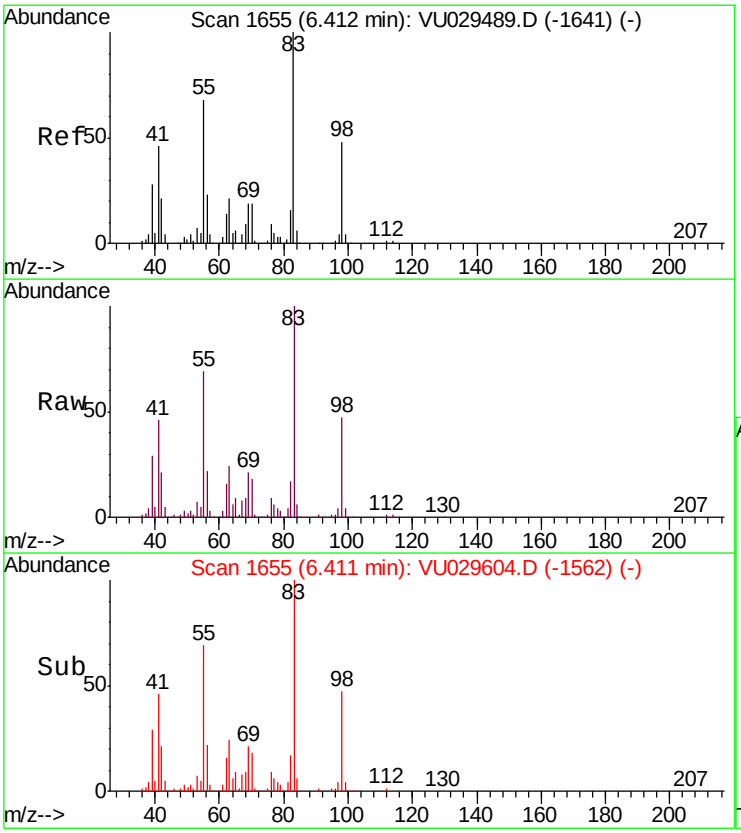
#34
Trichloroethene
Concen: 46.702 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 95 Resp: 154755

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.6	82.8
132	105.2	74.6	138.6
130	107.3	77.2	143.4

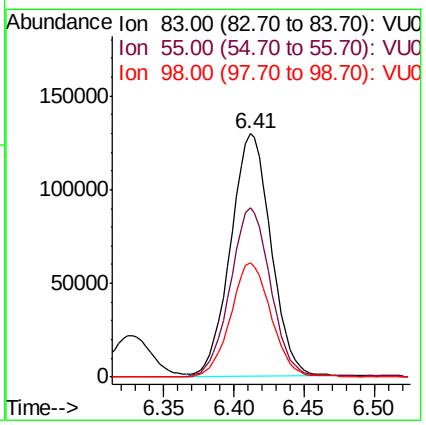


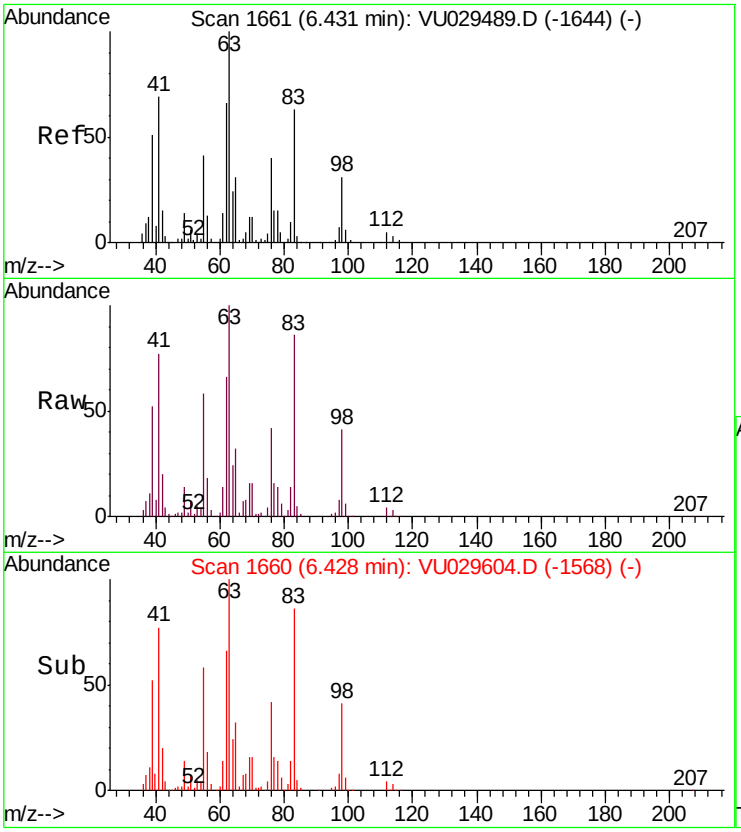


#35
Methylcyclohexane
Concen: 46.948 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 83 Resp: 258356

Ion	Ratio	Lower	Upper
83	100		
55	70.2	55.2	82.8
98	47.7	39.4	59.2



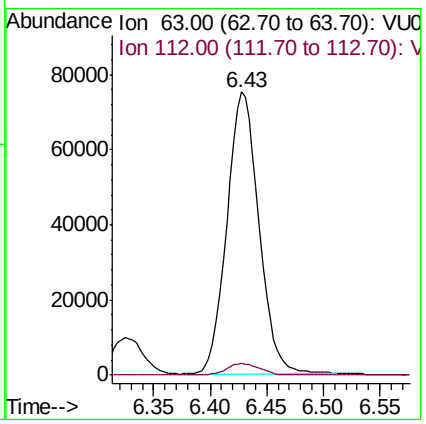


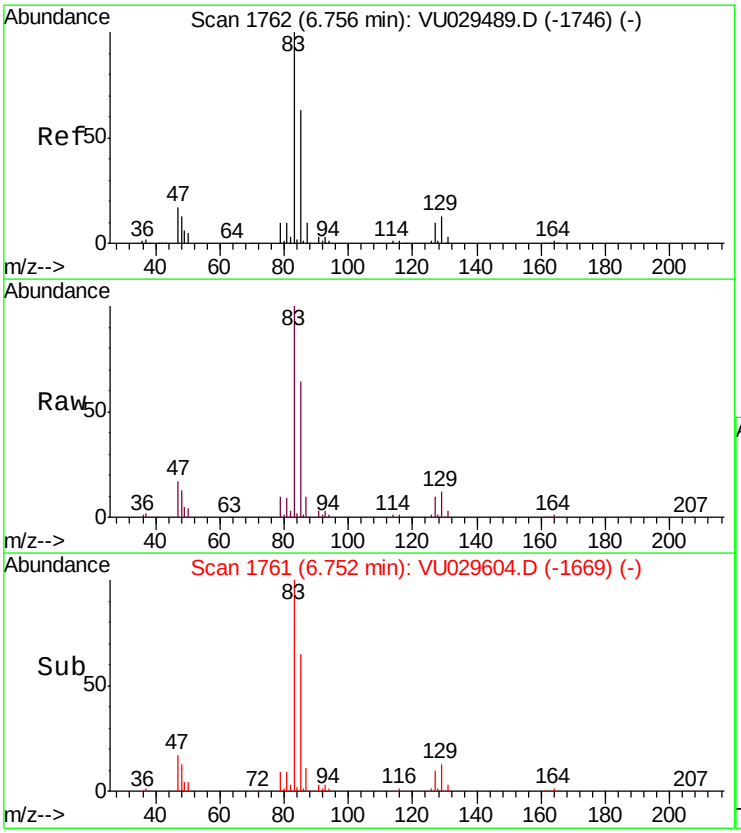
#37
1,2-Dichloropropane
Concen: 45.926 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 63 Resp: 148294

Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.6	5.4

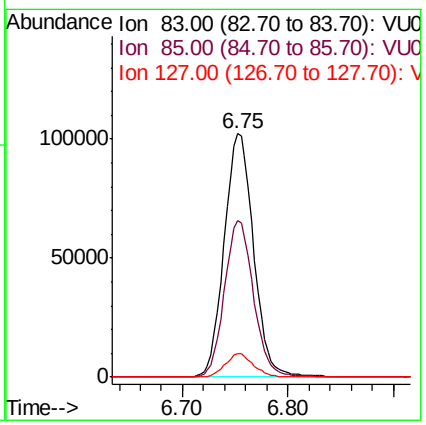


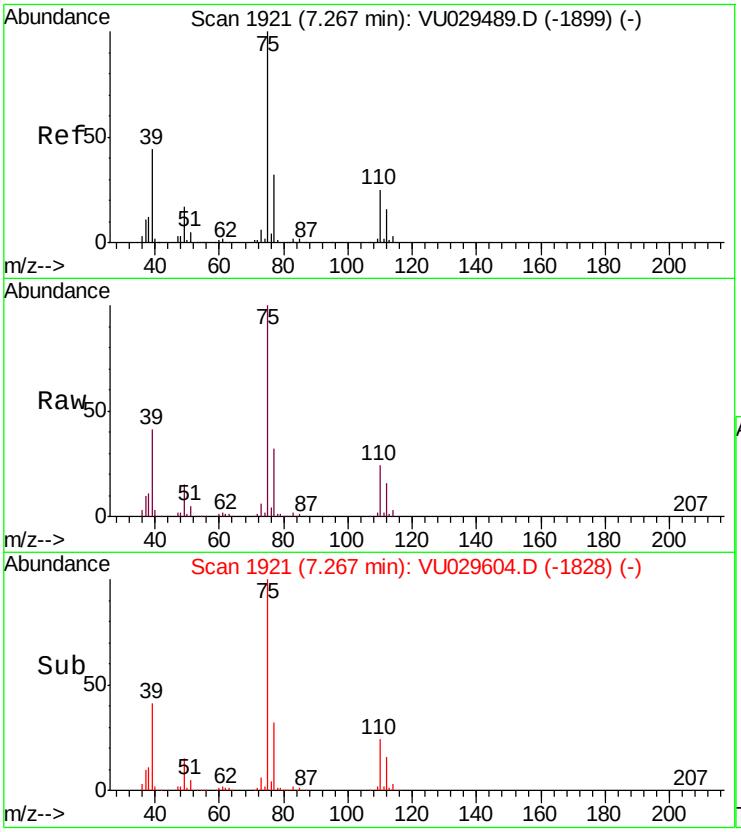


#38
Bromodichloromethane
Concen: 45.080 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 83 Resp: 196239

Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.2	82.0
127	9.6	8.3	12.5



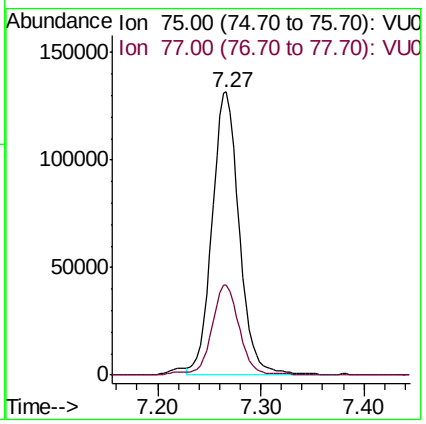


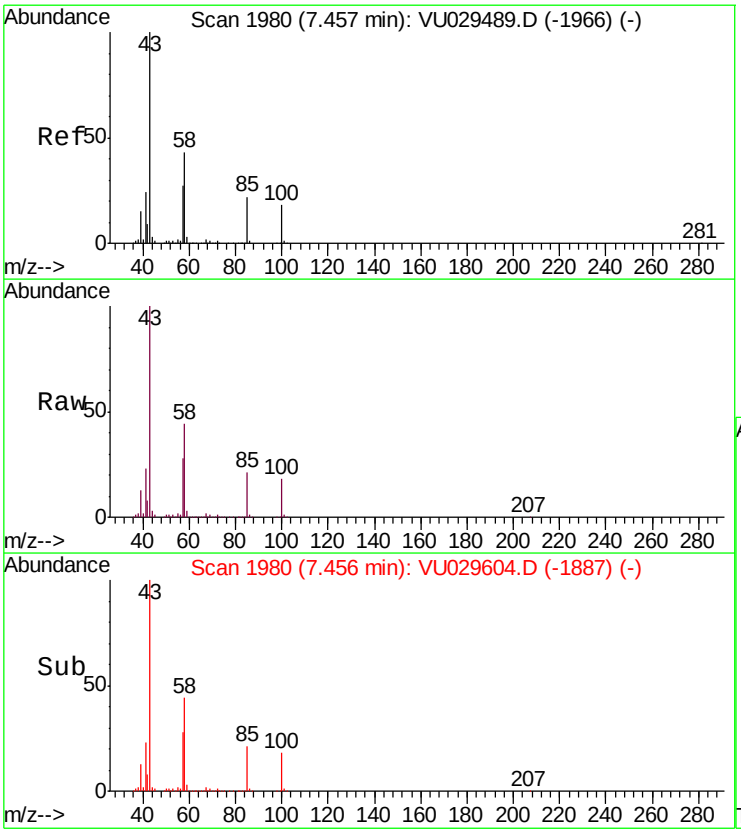
#39
cis-1,3-Dichloropropene
Concen: 45.821 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 75 Resp: 238710

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.3	41.5

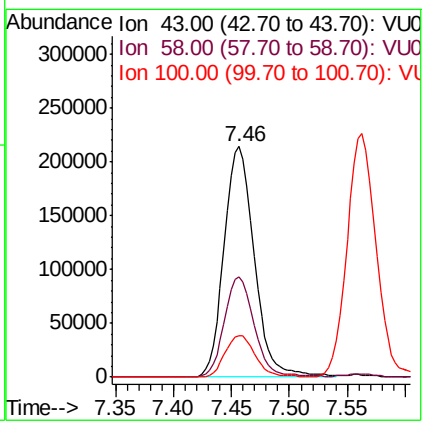


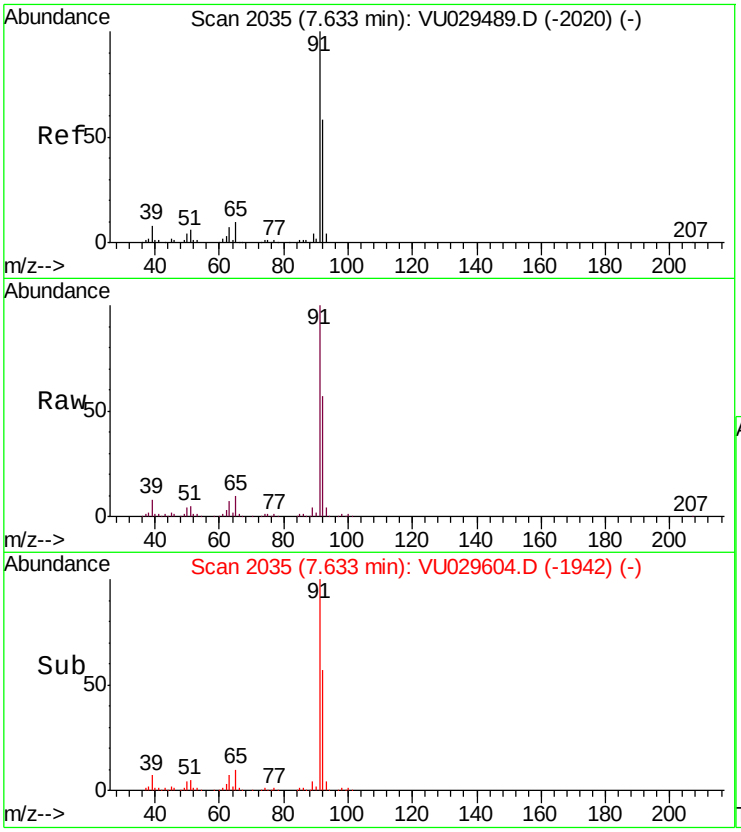


#40
4-Methyl-2-pentanone
Concen: 85.276 ug/L
RT: 7.46 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 43 Resp: 387209

Ion	Ratio	Lower	Upper
43	100		
58	43.0	33.0	49.4
100	17.8	14.5	21.7



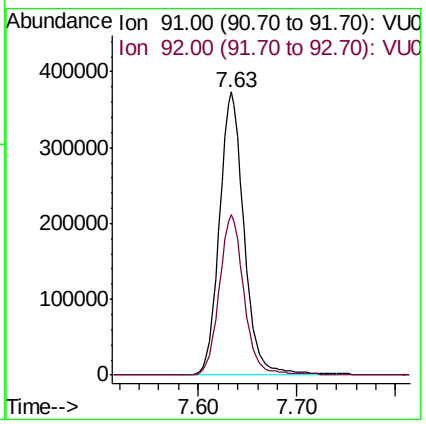


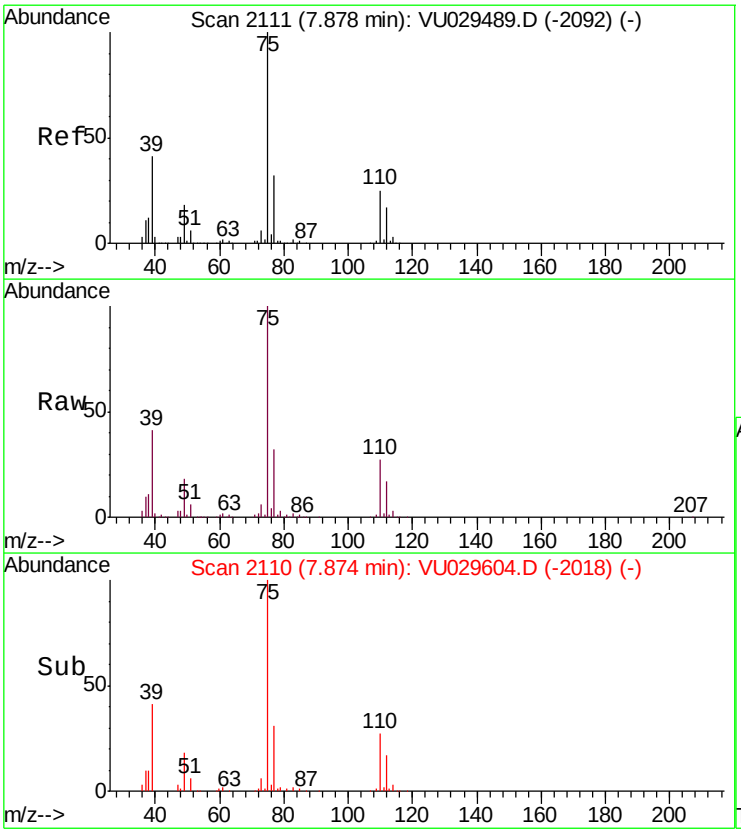
#42
Toluene
Concen: 45.130 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 91 Resp: 656489

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.8	75.8

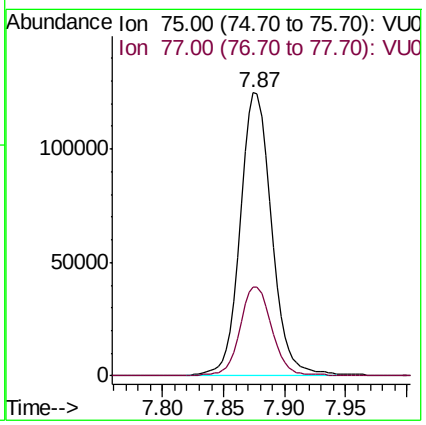


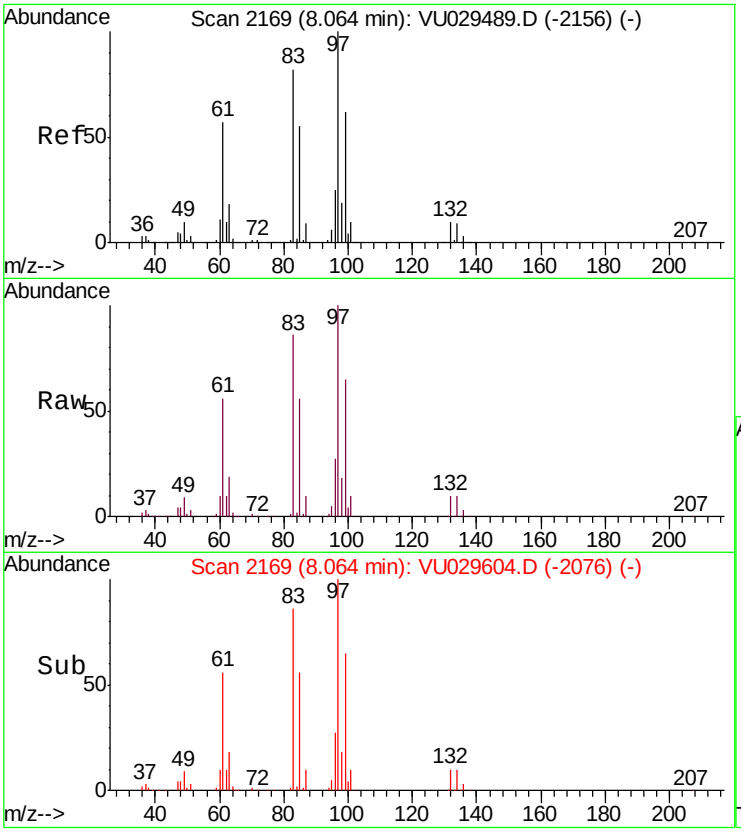


#44
trans-1,3-Dichloropropene
Concen: 45.224 ug/L
RT: 7.87 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 75 Resp: 222042

Ion	Ratio	Lower	Upper
75	100		
77	31.5	22.1	41.1



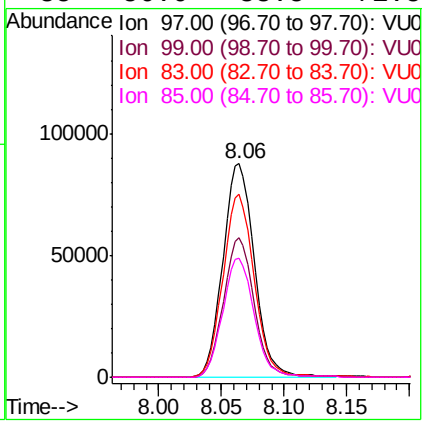


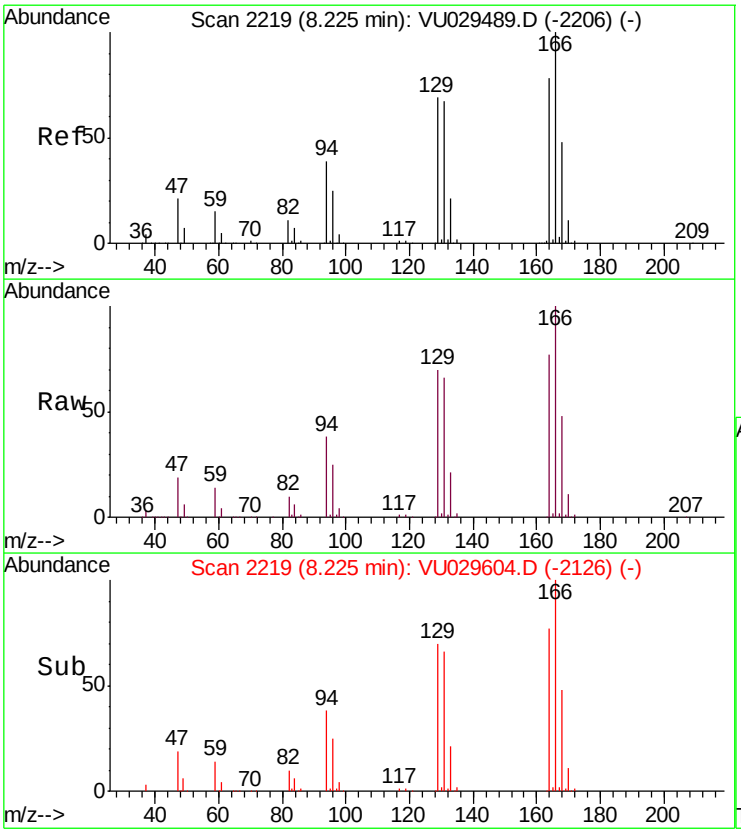
#45
1,1,2-Trichloroethane
Concen: 44.494 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 97 Resp: 153137

Ion	Ratio	Lower	Upper
97	100		
99	65.5	43.8	81.3
83	85.7	57.7	107.1
85	56.0	38.5	71.5

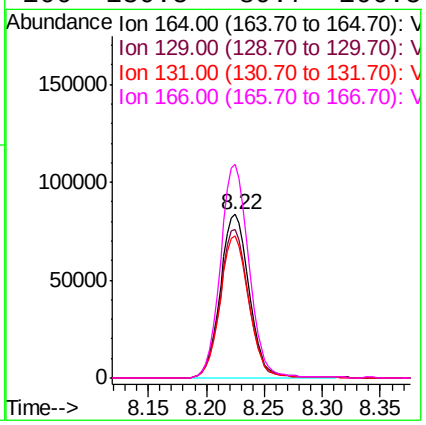


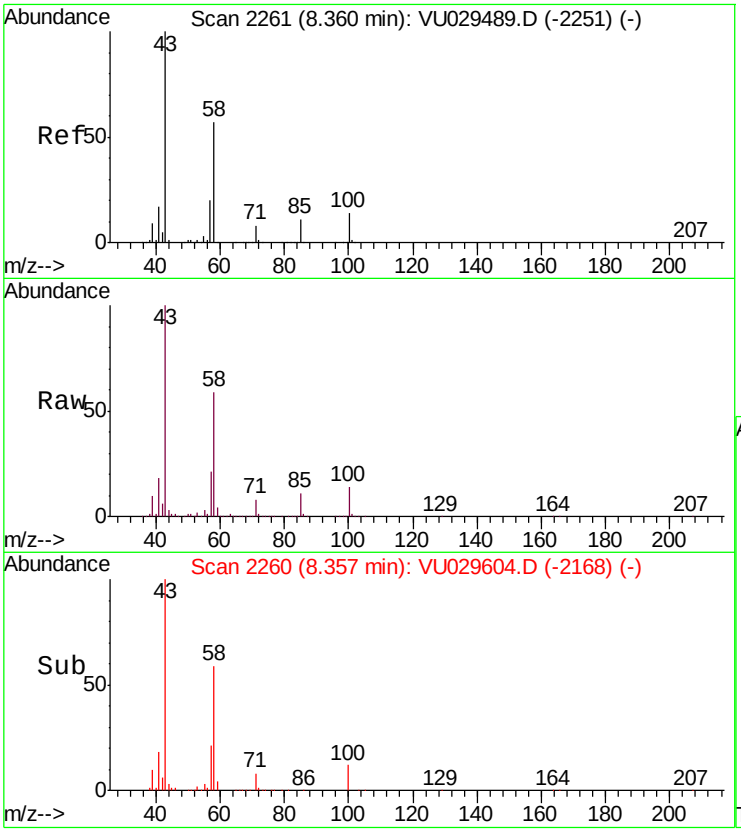


#46
Tetrachloroethene
Concen: 44.937 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:164 Resp: 145745

Ion	Ratio	Lower	Upper
164	100		
129	90.8	62.1	115.3
131	86.7	60.1	111.5
166	130.5	89.7	166.5



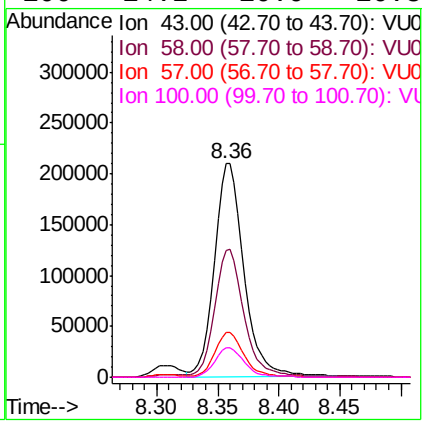


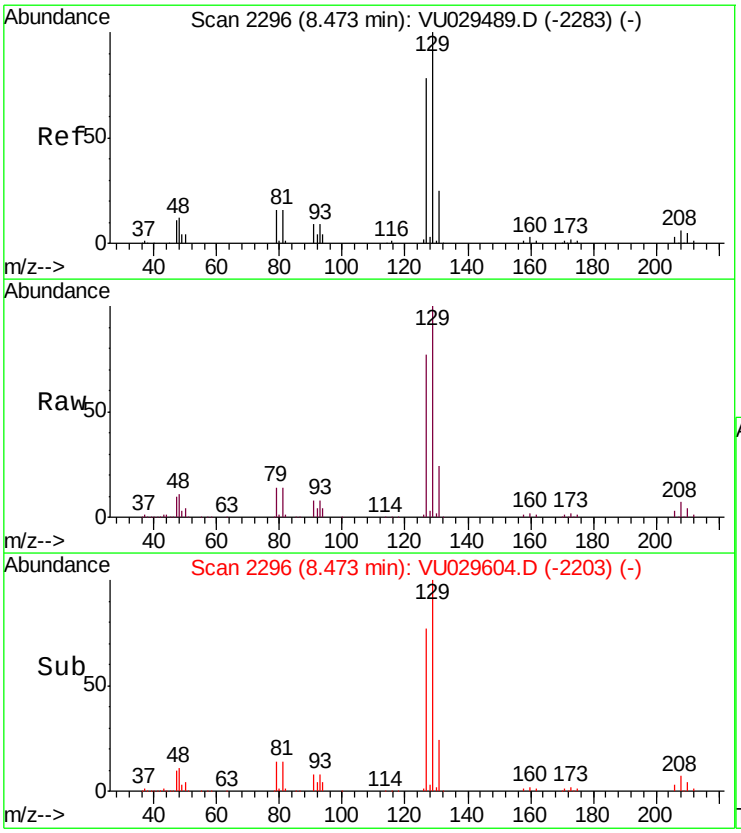
#48
2-Hexanone
Concen: 89.707 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 43 Resp: 355834

Ion	Ratio	Lower	Upper
43	100		
58	58.8	46.4	69.6
57	20.8	15.7	23.5
100	14.2	10.9	16.3

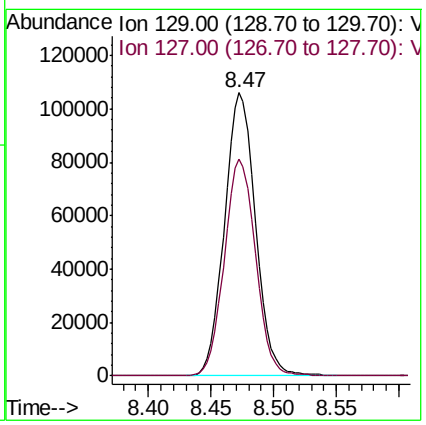


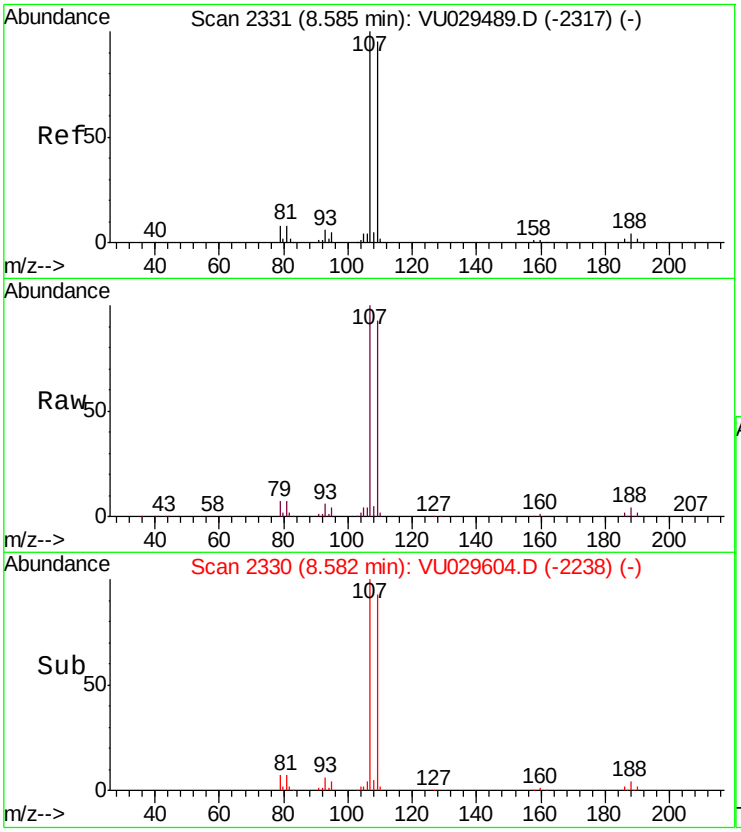


#49
Dibromochloromethane
Concen: 43.632 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:129 Resp: 182052

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.4	101.0



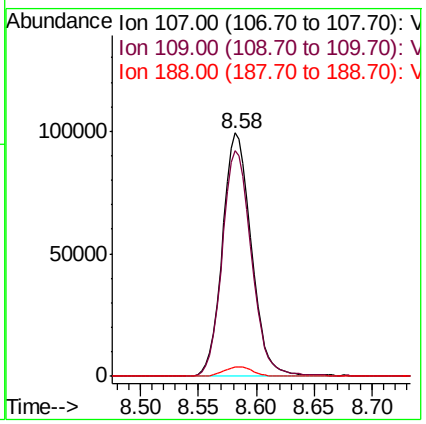


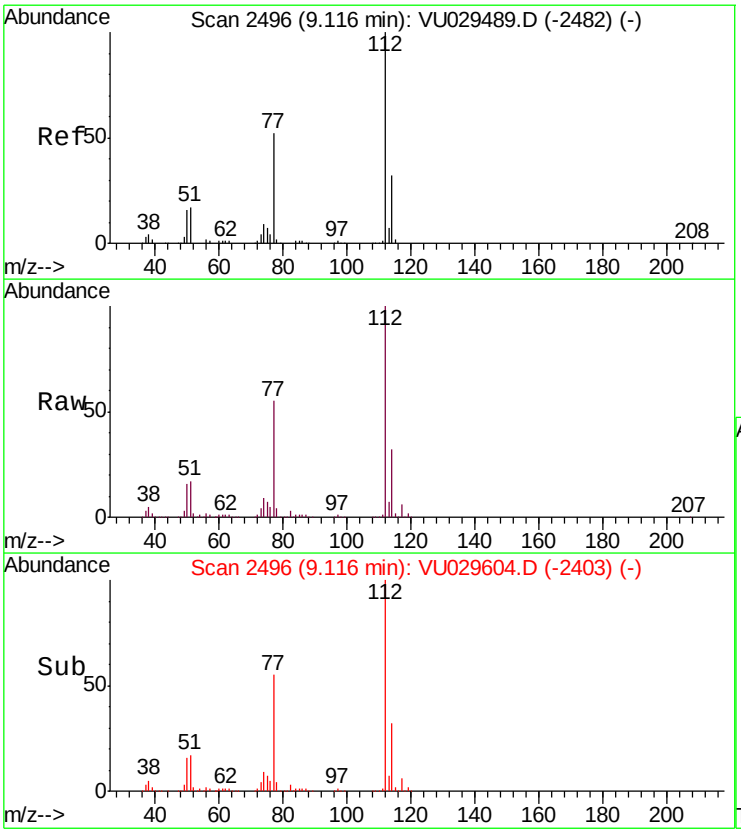
#50
1,2-Dibromoethane
Concen: 45.082 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:107 Resp: 171906

Ion	Ratio	Lower	Upper
107	100		
109	92.9	66.4	123.4
188	3.8	3.5	5.3

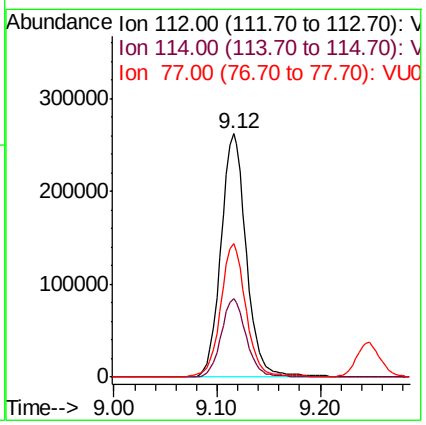


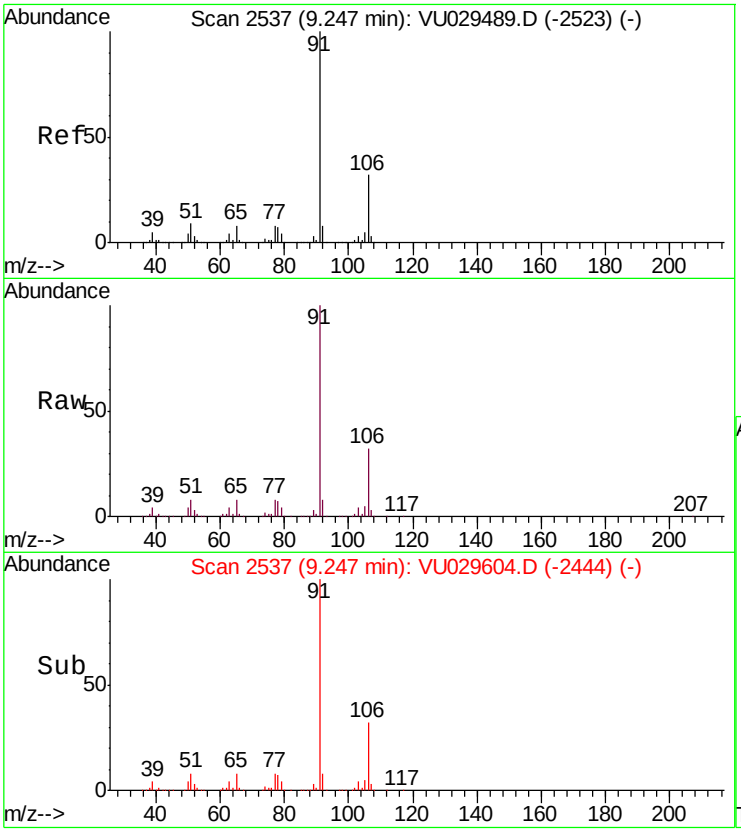


#51
Chlorobenzene
Concen: 44.857 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:112 Resp: 447858

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	54.8	42.1	63.1



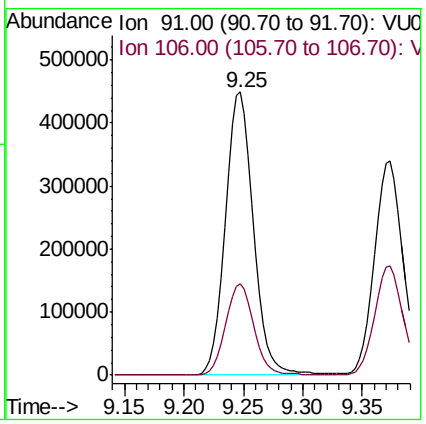


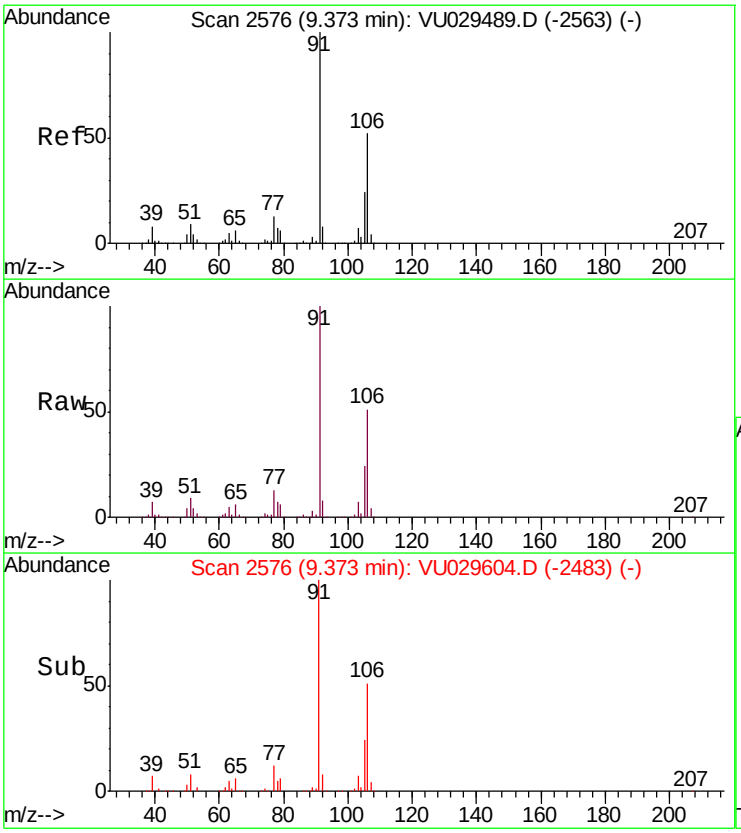
#52
Ethylbenzene
Concen: 44.481 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 91 Resp: 734871

Ion	Ratio	Lower	Upper
91	100		
106	32.3	22.7	42.1

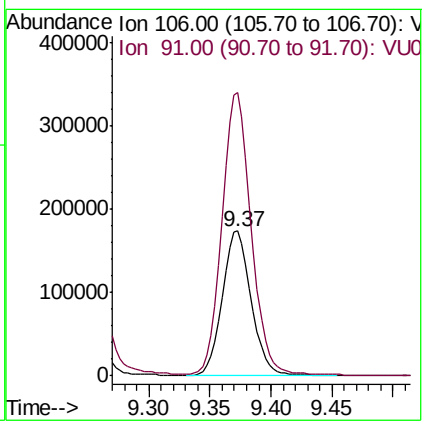


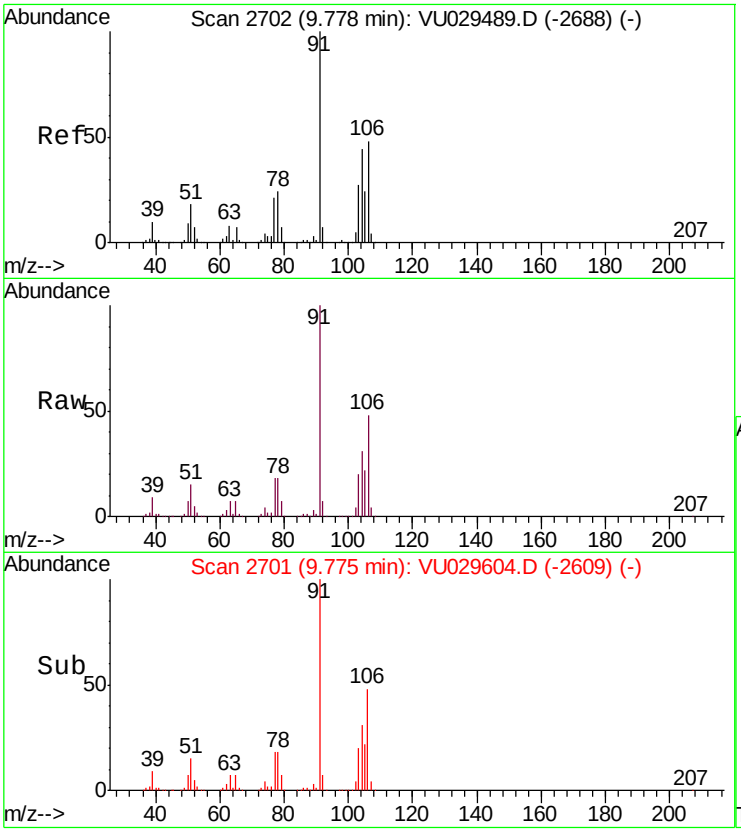


#53
m,p-Xylene
Concen: 43.397 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:106 Resp: 287801

Ion	Ratio	Lower	Upper
106	100		
91	195.5	135.3	251.3



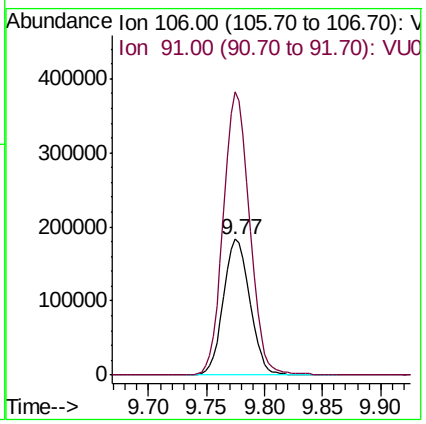


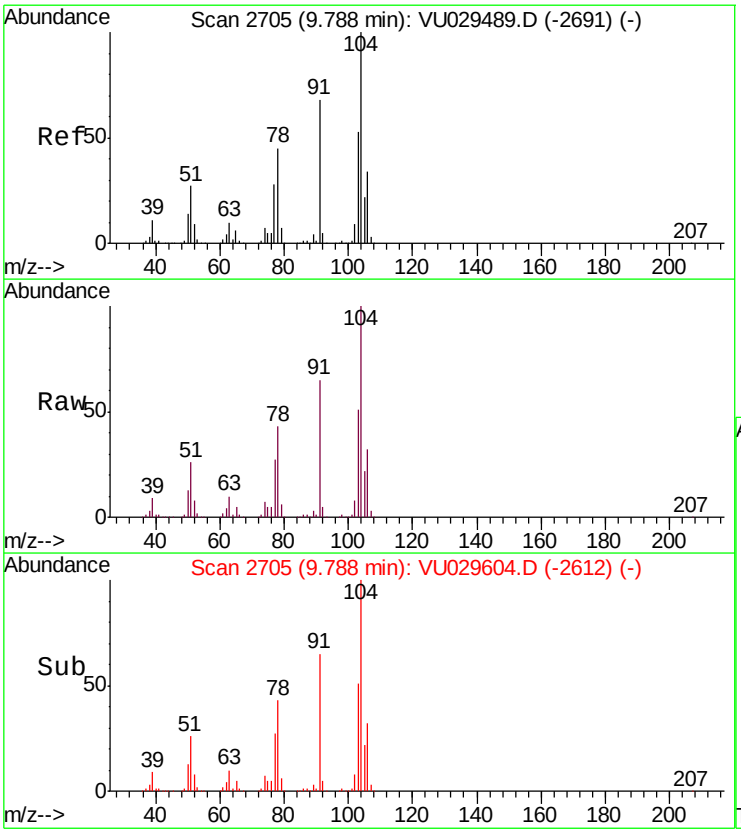
#54
o-xylene
Concen: 43.622 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:106 Resp: 290592

Ion	Ratio	Lower	Upper
106	100		
91	208.3	144.5	268.3

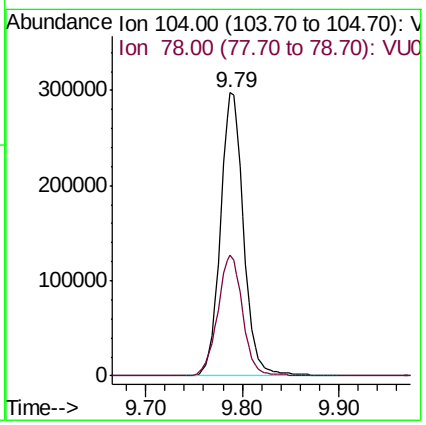


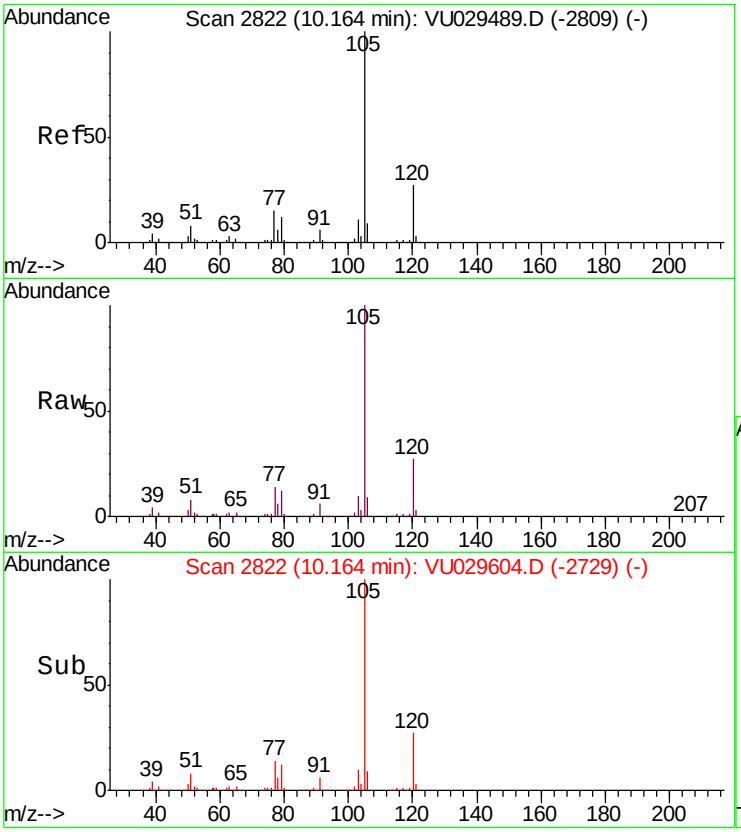


#55
Styrene
Concen: 43.797 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:104 Resp: 492519

Ion	Ratio	Lower	Upper
104	100		
78	42.8	31.3	58.1



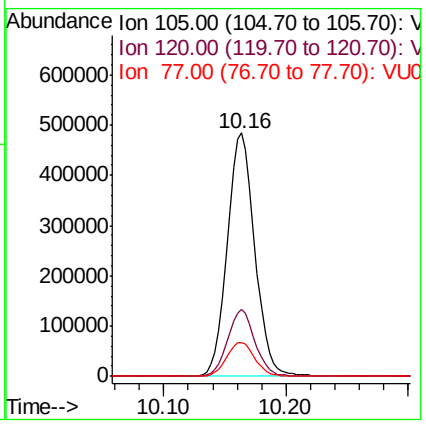


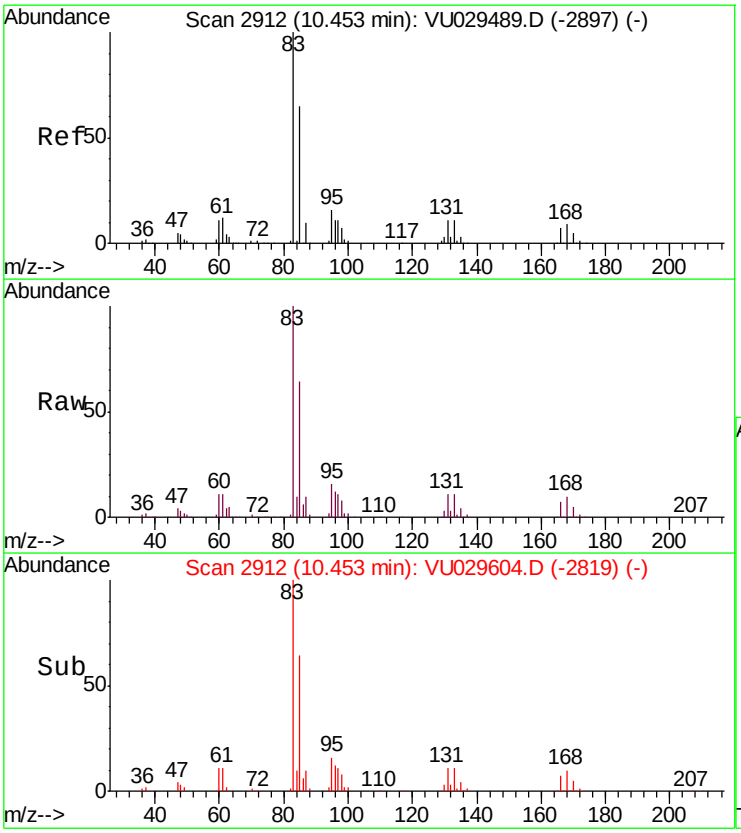
#56
Isopropylbenzene
Concen: 43.737 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion:105 Resp: 762415

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.9	32.9
77	14.4	11.7	17.5

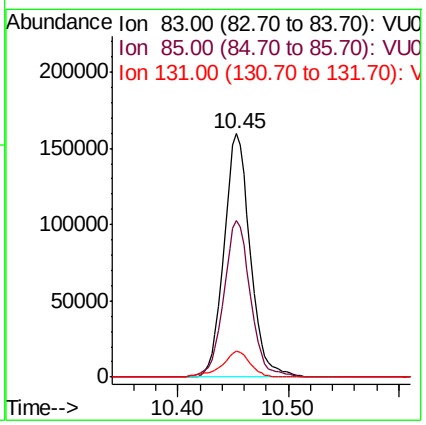


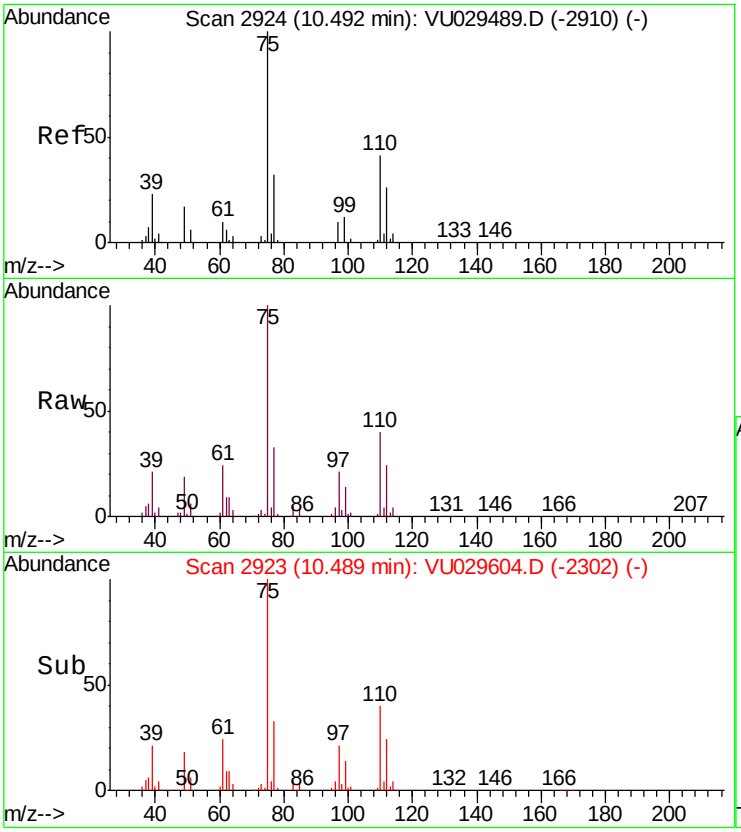


#58
1,1,2,2-Tetrachloroethane
Concen: 43.111 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 83 Resp: 262375

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.5	84.5
131	10.5	8.6	12.8



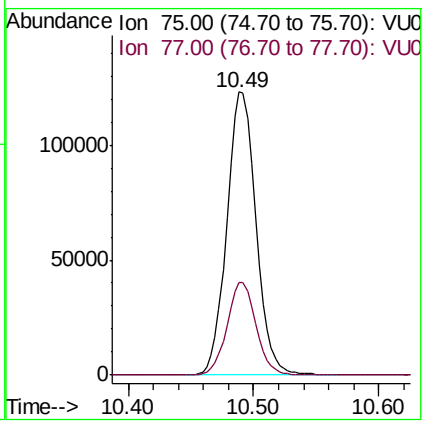


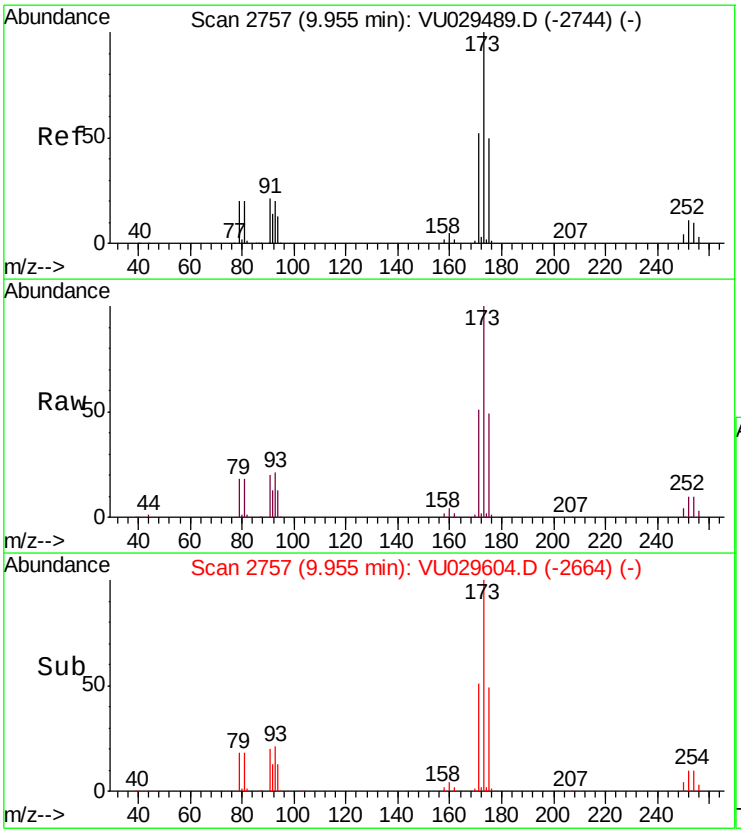
#59
1,2,3-Trichloropropane
Concen: 43.191 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 75 Resp: 198850

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.7	38.5

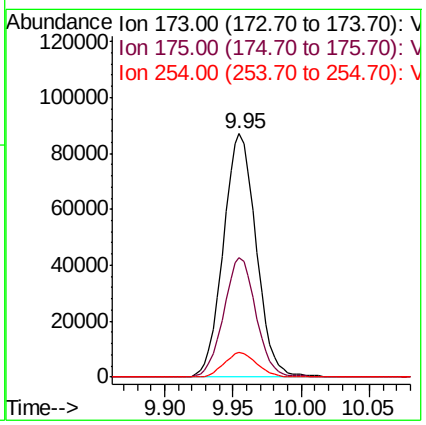


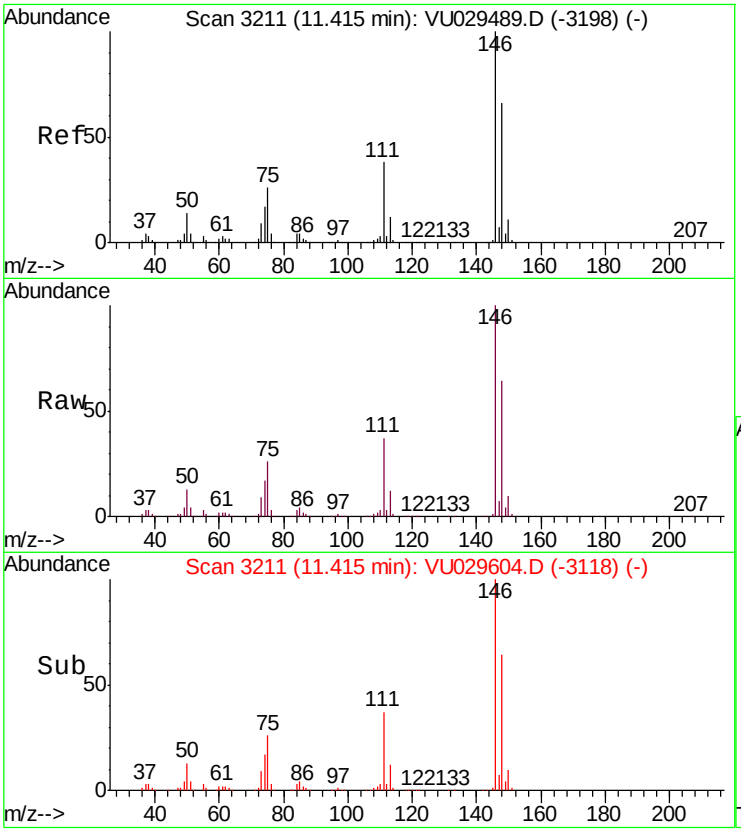


#61
Bromoform
Concen: 41.365 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:173 Resp: 145655

Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.0	58.4
254	10.0	8.1	12.1



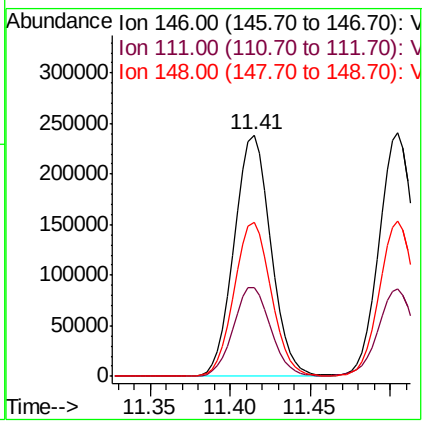


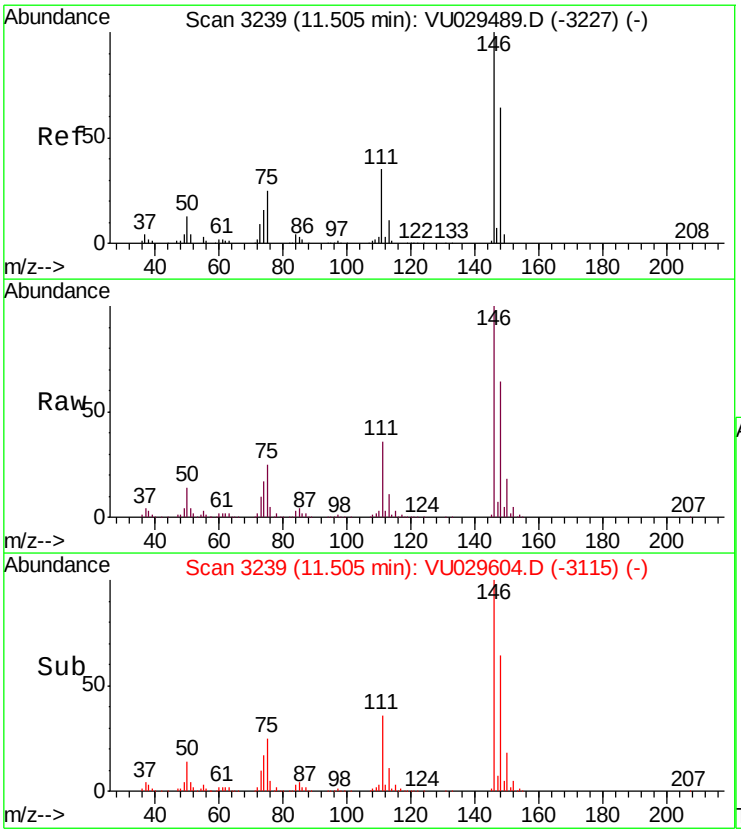
#62
1,3-Dichlorobenzene
Concen: 44.719 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion:146 Resp: 372814

Ion	Ratio	Lower	Upper
146	100		
111	37.0	26.7	49.5
148	63.8	45.9	85.3

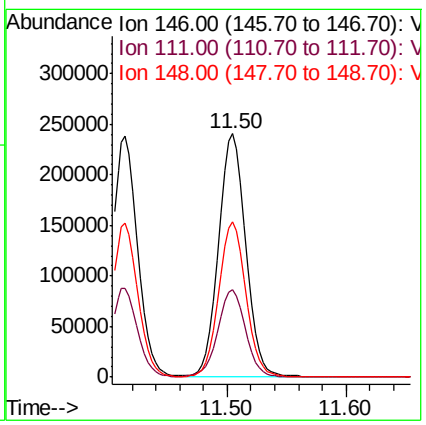


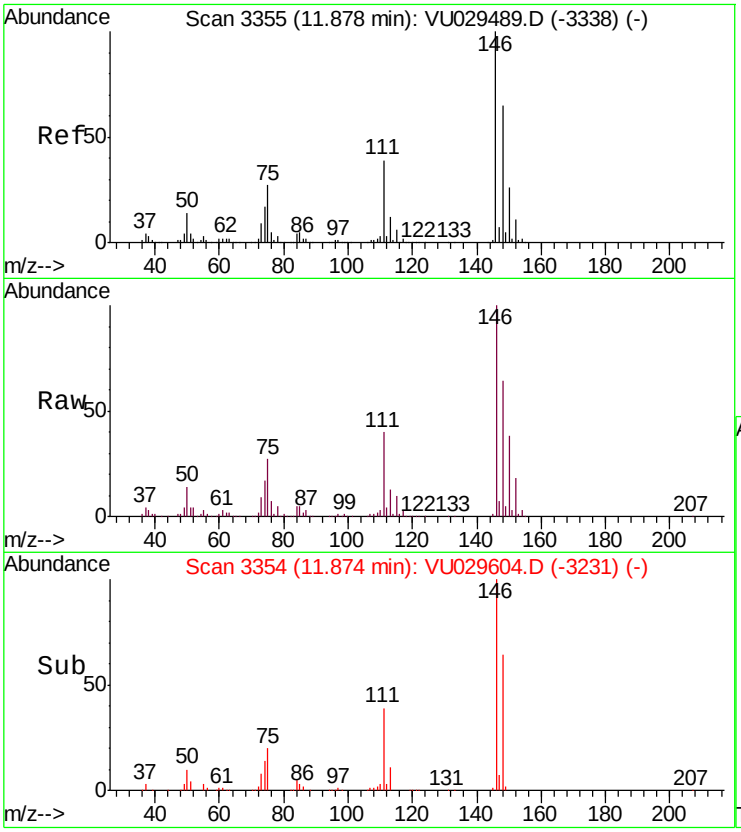


#63
1,4-Dichlorobenzene
Concen: 45.380 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:146 Resp: 380726

Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.1	46.5
148	63.6	45.0	83.6



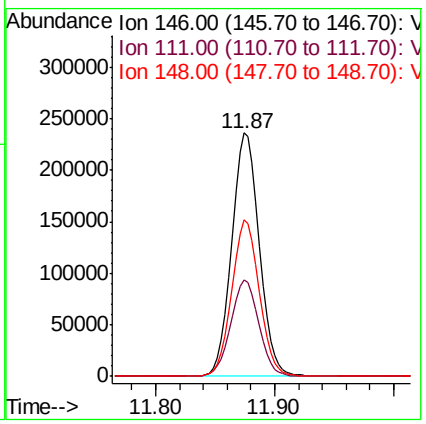


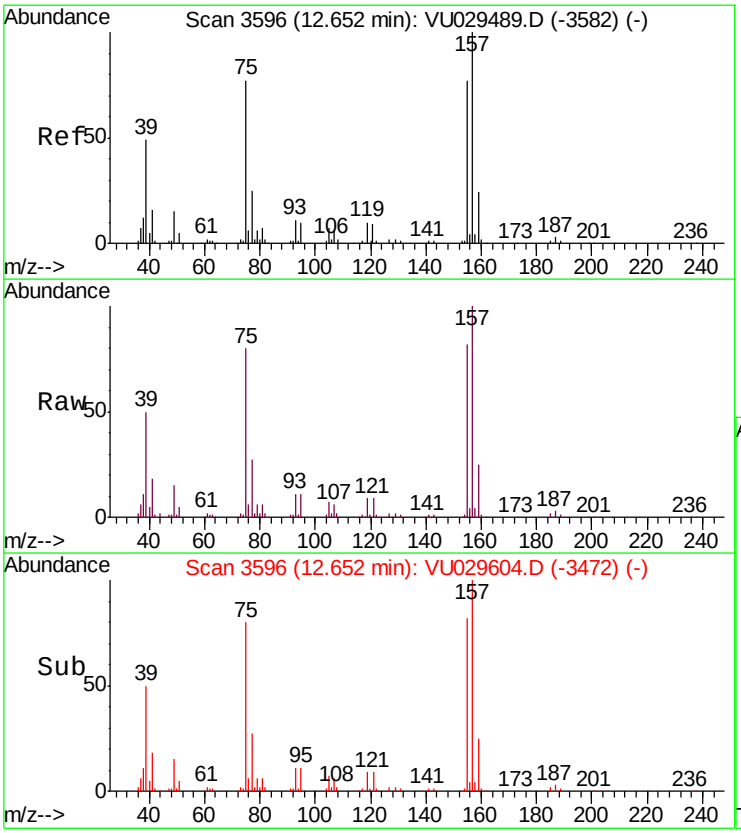
#65
1,2-Dichlorobenzene
Concen: 43.597 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:146 Resp: 379400

Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.2	46.8
148	64.1	51.6	77.4

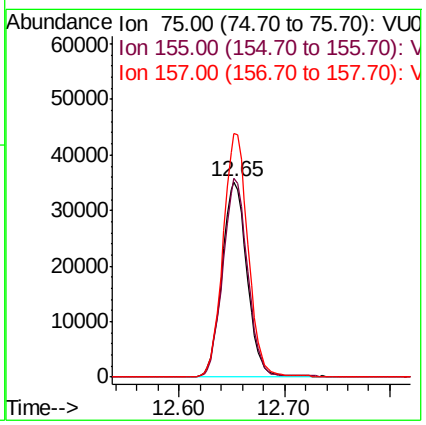


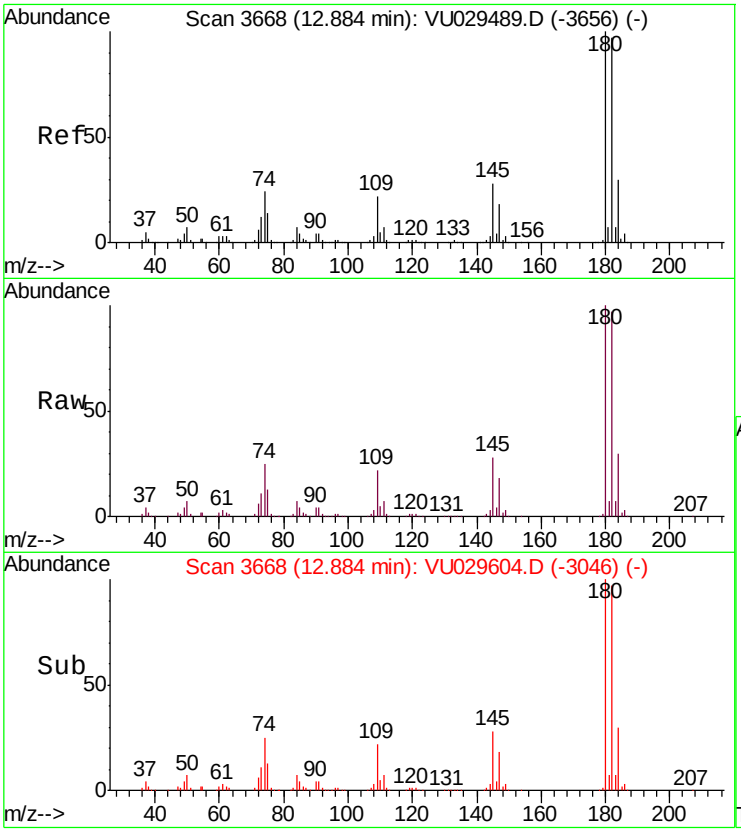


#66
1,2-Dibromo-3-chloropropane
Concen: 42.760 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion: 75 Resp: 57907

Ion	Ratio	Lower	Upper
75	100		
155	101.9	79.5	119.3
157	124.6	103.4	155.0



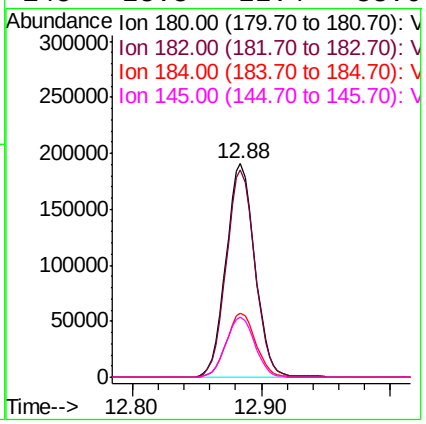


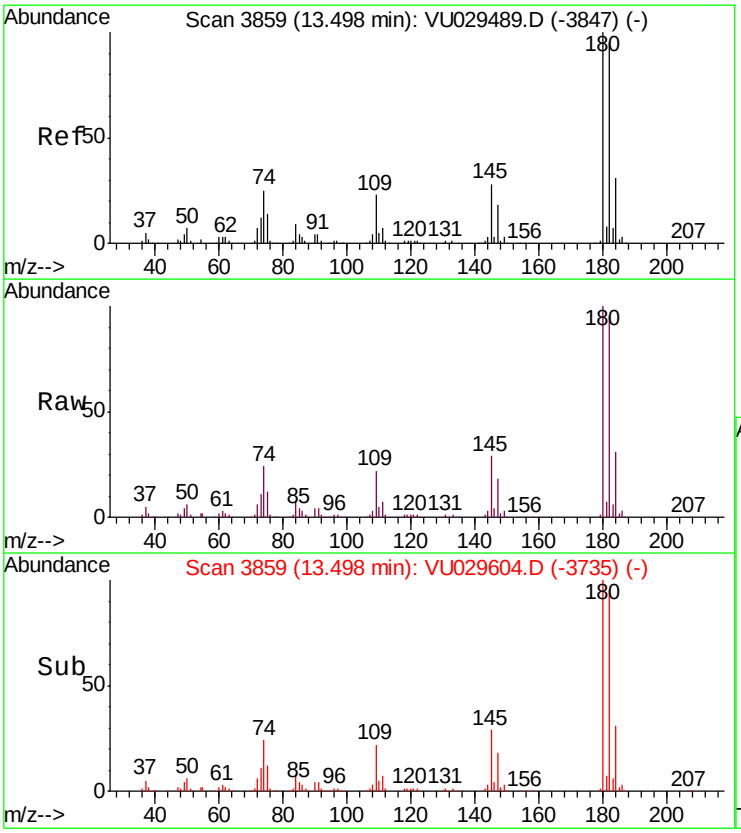
#67
1,3,5-Trichlorobenzene
Concen: 46.514 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:180 Resp: 295914

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.9	116.9
184	30.4	24.5	36.7
145	28.3	22.4	33.6

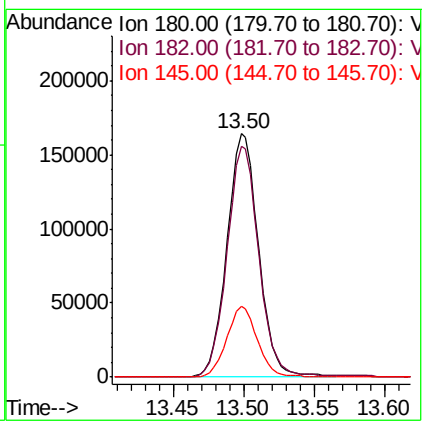


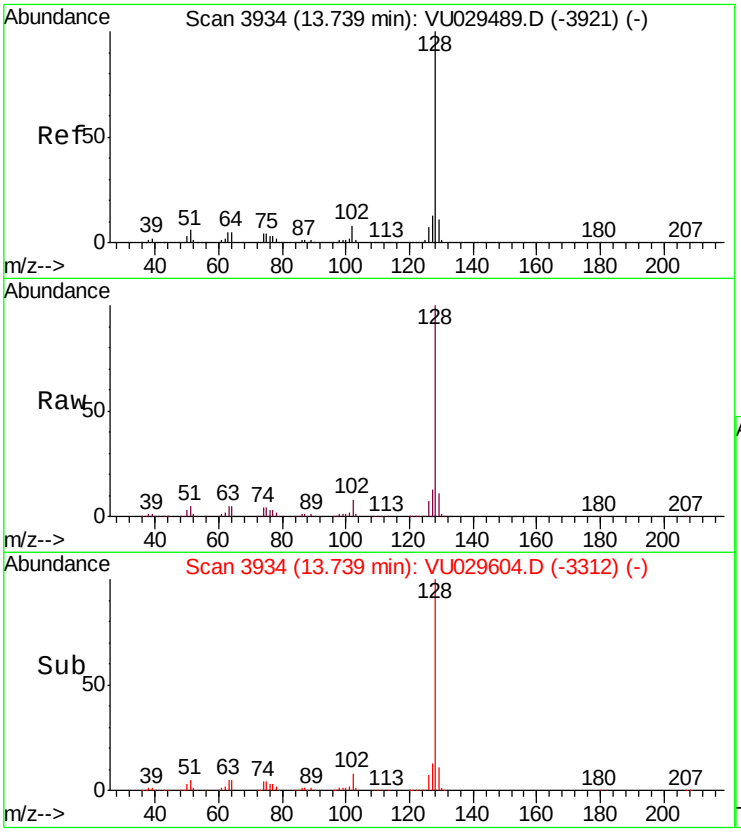


#68
1,2,4-trichlorobenzene
Concen: 46.830 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:180 Resp: 257678

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.2	114.2
145	28.3	22.7	34.1



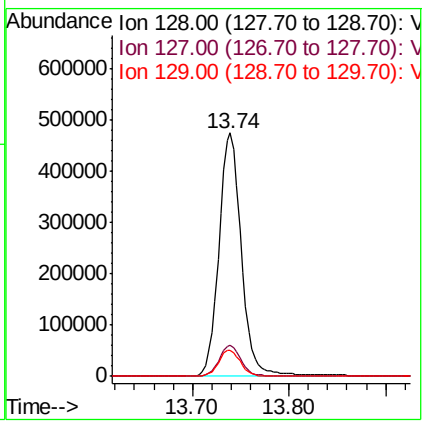


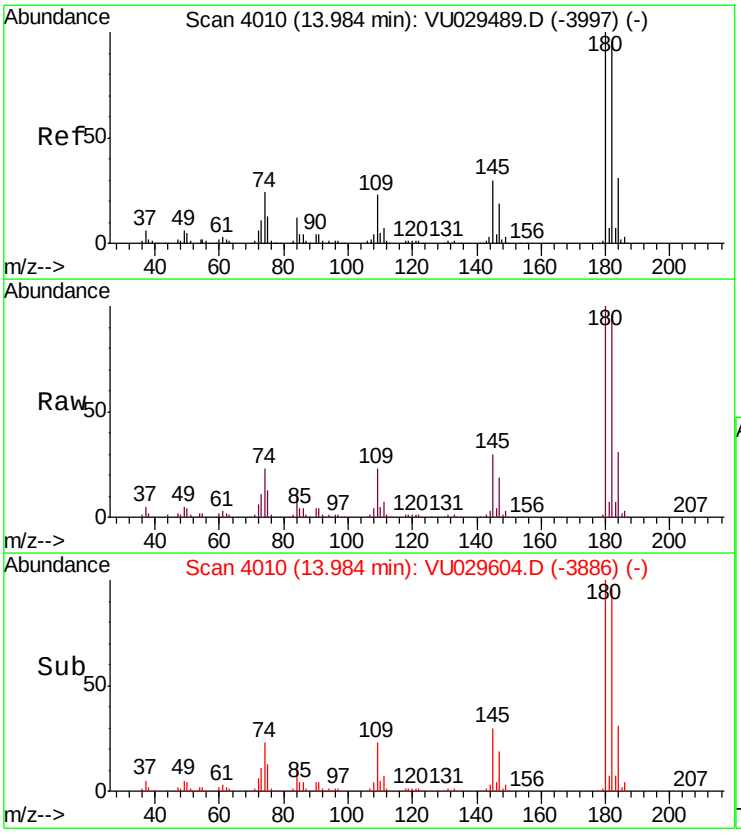
#69
Naphthalene
Concen: 45.287 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:128 Resp: 765933

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.4	8.5	12.7





#70
1,2,3-Trichlorobenzene
Concen: 45.741 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU029604.D
Acq: 22 Feb 2019 08:32

Tgt Ion:180 Resp: 267279

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	29.5	24.4	36.6