Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\

Quantitation Report (Not Reviewed)

Data File : VU031958.D
Acq On : 13 May 2019 09:25
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: May 14 02:37:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473050	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	169423	5.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.60%			
7) Chloroethane-d5	1.67	69	155960	5.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 118.80%			
11) 1,1-Dichloroethene-d2	2.27	63	332687	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	4.19	46	557180	44.85	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.70%			
24) Chloroform-d	4.64	84	334846	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	5.31	65	177454	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.33	84	614947	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.32	67	212018	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.56	98	521095	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
43) trans-1,3-Dichloropropene-	7.85	79	75794	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.31	63	435447	55.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.36%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	189590	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	197493	5.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	215901	4.017	ug/L	98
3) Chloromethane	1.32	50	244163	3.811	ug/L	99
5) Vinyl chloride	1.40	62	255425	4.562	ug/L	100
6) Bromomethane	1.62	94	143995	5.602	ug/L	99
8) Chloroethane	1.69	64	155924	5.056	ug/L	99
9) Trichlorofluoromethane	1.88	101	308852	4.769	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	196196	5.821	ug/L	94
12) 1,1-Dichloroethene	2.28	96	182556	5.752	ug/L	75
13) Acetone	2.32	43	364579	42.967	ug/L	82
14) Carbon disulfide	2.47	76	564026	5.049	ug/L	99
15) Methyl Acetate	2.62	43	97013	4.432	ug/L #	90
16) Methylene chloride	2.70	84	214608	4.873	ug/L	83
17) Methyl tert-butyl Ether	3.00	73	505522	5.347	ug/L #	91
18) trans-1,2-Dichloroethene	2.98	96	197014	5.760	ug/L	84
19) 1,1-Dichloroethane	3.44	63	371950	4.421	ug/L	97
21) 2-Butanone	4.27	43	562956	39.703	ug/L	85
22) cis-1,2-Dichloroethene	4.22	96	210846	5.132	ug/L	76

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\

Quantitation Report (Not Reviewed)

Data File : VU031958.D
Acq On : 13 May 2019 09:25
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: May 14 02:37:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	87003	5.277	ug/L	#	73
25) Chloroform	4.67	83	366043	4.421	ug/L		97
27) 1,2-Dichloroethane	5.40	62	228209	4.176	ug/L	#	92
29) 1,1,1-Trichloroethane	4.91	97	286126	4.413	ug/L		95
30) Cyclohexane	4.98	56	297679	4.193	ug/L		88
31) Carbon tetrachloride	5.13	117	239340	4.335	ug/L		99
33) Benzene	5.38	78	801349	4.858	ug/L		100
34) Trichloroethene	6.18	95	198001	4.761	ug/L		92
35) Methylcyclohexane	6.41	83	295184	4.942	ug/L		89
37) 1,2-Dichloropropane	6.43	63	215171	4.558	ug/L	#	98
38) Bromodichloromethane	6.75	83	260537	4.634	ug/L		94
39) cis-1,3-Dichloropropene	7.27	75	274695	4.644	ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	1296787	40.820	ug/L	#	89
42) Toluene	7.63	91	847642	5.205	ug/L		96
44) trans-1,3-Dichloropropene	7.88	75	224591	4.794	ug/L		98
45) 1,1,2-Trichloroethane	8.06	97	147248	5.265	ug/L		99
47) Tetrachloroethene	8.22	164	140766	5.206	ug/L		95
48) 2-Hexanone	8.36	43	981679	43.478	ug/L	#	90
49) Dibromochloromethane	8.47	129	163052	5.013	ug/L		97
50) 1,2-Dibromoethane	8.58	107	132741	5.216	ug/L		93
51) Chlorobenzene	9.12	112	501894	5.184	ug/L		92
52) Ethylbenzene	9.24	91	852597	5.018	ug/L		99
53) m,p-Xylene	9.37	106	318661	5.269	ug/L		95
54) o-Xylene	9.77	106	314519	5.438	ug/L		95
55) Styrene	9.79	104	550712	5.549	ug/L		93
56) Isopropylbenzene	10.16	105	806673	5.210	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.45	83	186121	4.982	ug/L		98
59) 1,2,3-Trichloropropane	10.49	75	136885	4.899	ug/L		97
61) Bromoform	9.95	173	88038	5.293	ug/L		99
62) 1,3-Dichlorobenzene	11.41	146	346804	5.254	ug/L		98
63) 1,4-Dichlorobenzene	11.50	146	362520	5.414	ug/L		98
65) 1,2-Dichlorobenzene	11.87	146	357317	5.548	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.65	75	27628	4.563	ug/L	#	71
67) 1,3,5-Trichlorobenzene	12.88	180	272403	5.431	ug/L		100
68) 1,2,4-trichlorobenzene	13.50	180	201642	5.443	ug/L		94
69) Naphthalene	13.74	128	365527	5.752	ug/L		100
70) 1,2,3-Trichlorobenzene	13.98	180	214583	6.222	ug/L		97

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

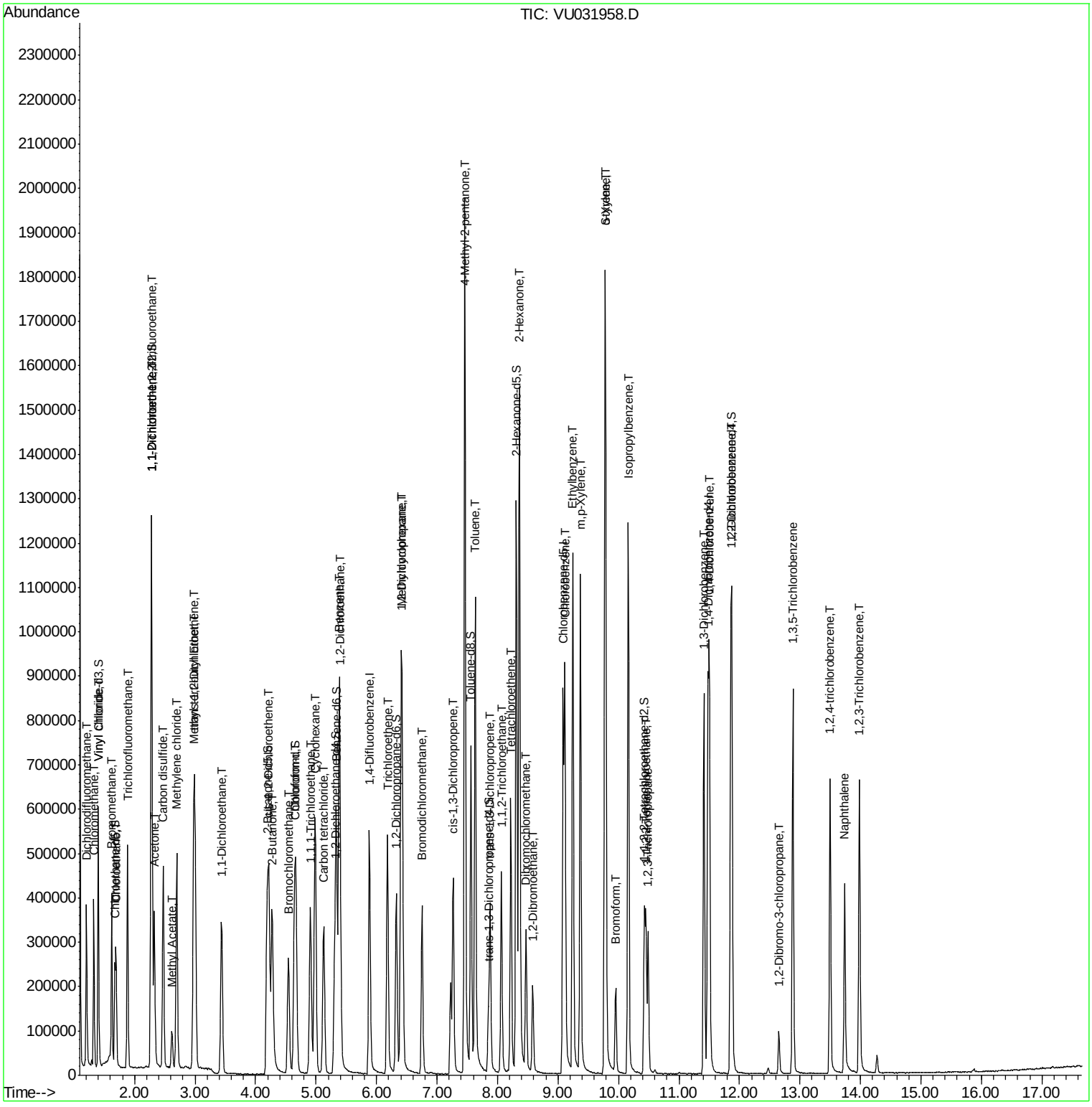
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\

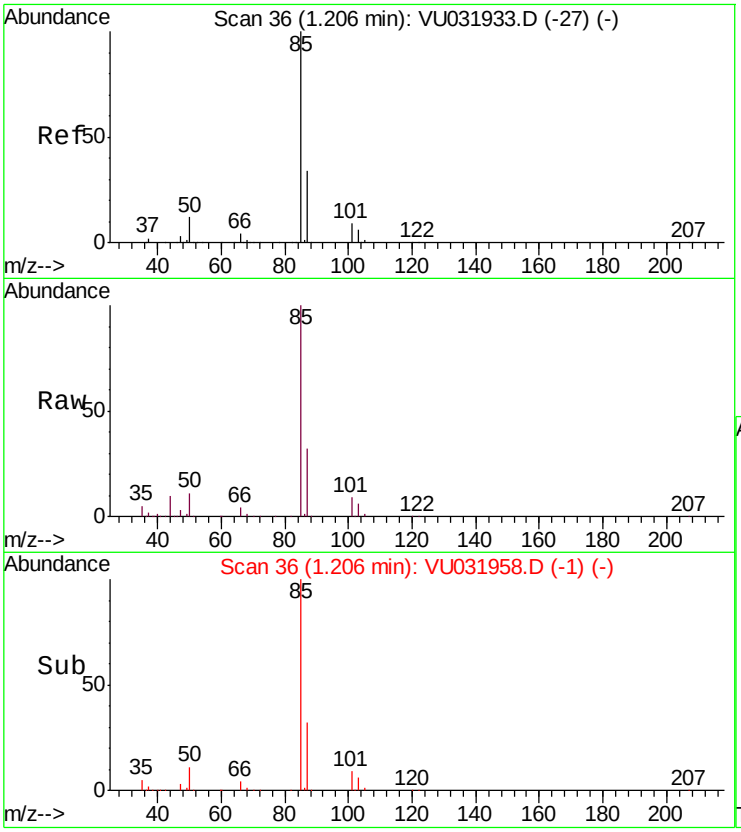
Quantitation Report (Not Reviewed)

Data File : VU031958.D
Acq On : 13 May 2019 09:25
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Quant Time: May 14 02:37:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration



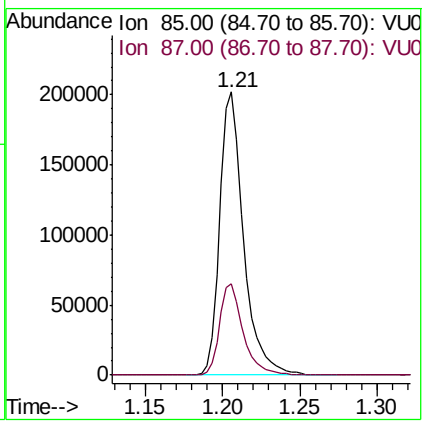


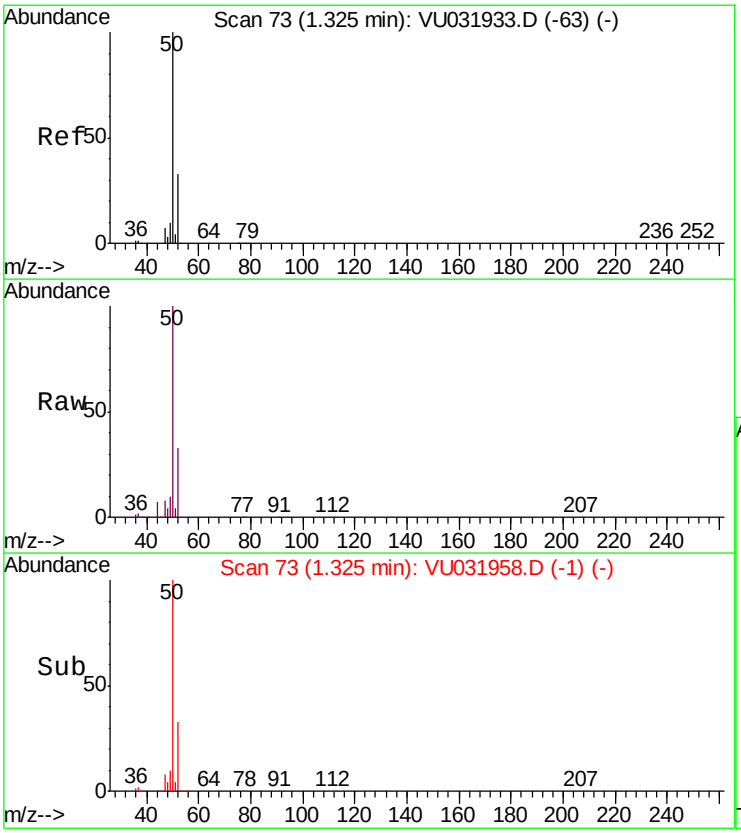
#2
Dichlorodifluoromethane
Concen: 4.017 ug/L
RT: 1.21 min Scan# 36
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 85 Resp: 215901

Ion	Ratio	Lower	Upper
85	100		
87	31.8	26.2	39.4

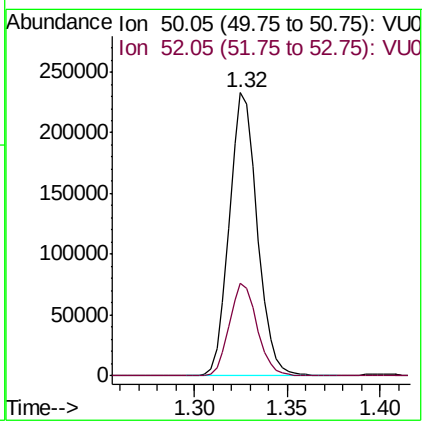


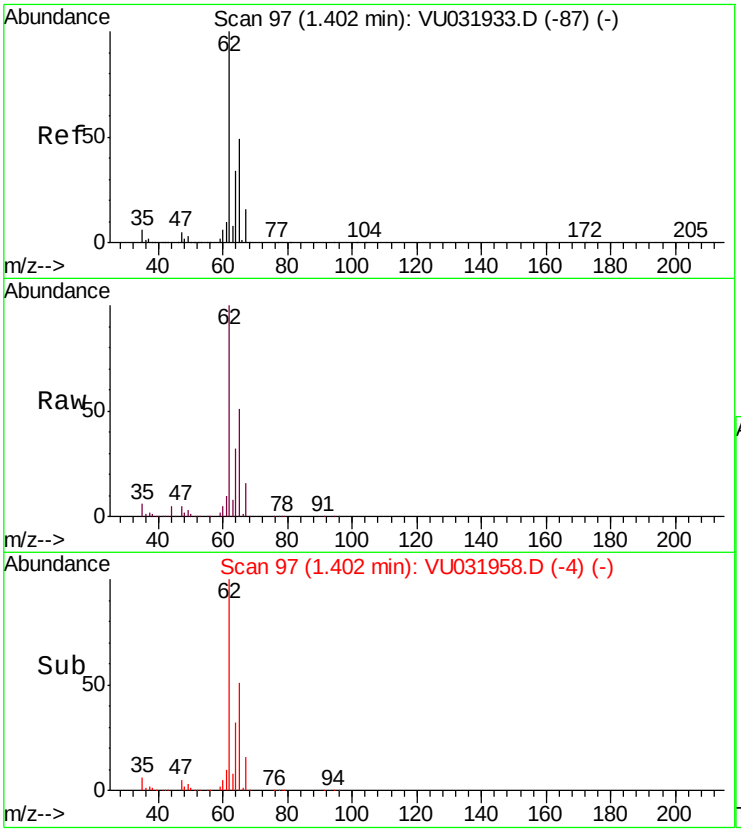


#3
Chloromethane
Concen: 3.811 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 50 Resp: 244163

Ion	Ratio	Lower	Upper
50	100		
52	32.5	22.5	41.7



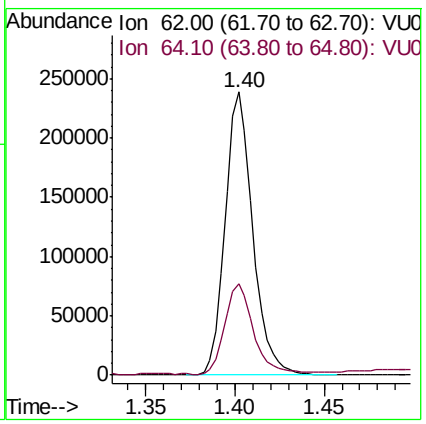


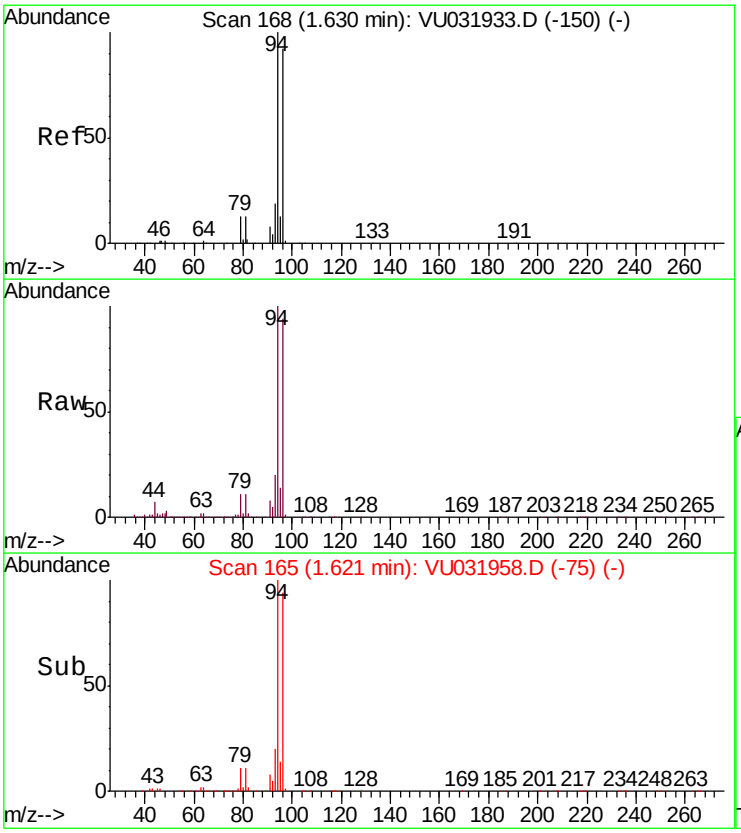
#5
Vinyl chloride
Concen: 4.562 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 62 Resp: 255425

Ion	Ratio	Lower	Upper
62	100		
64	32.4	22.5	41.9

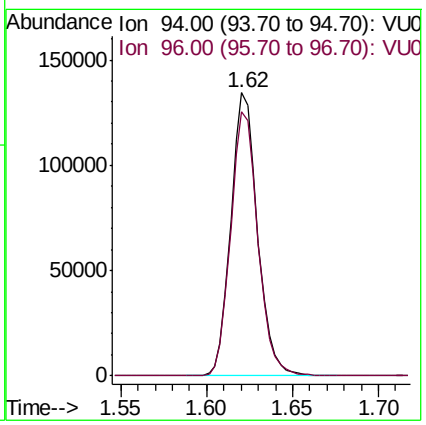


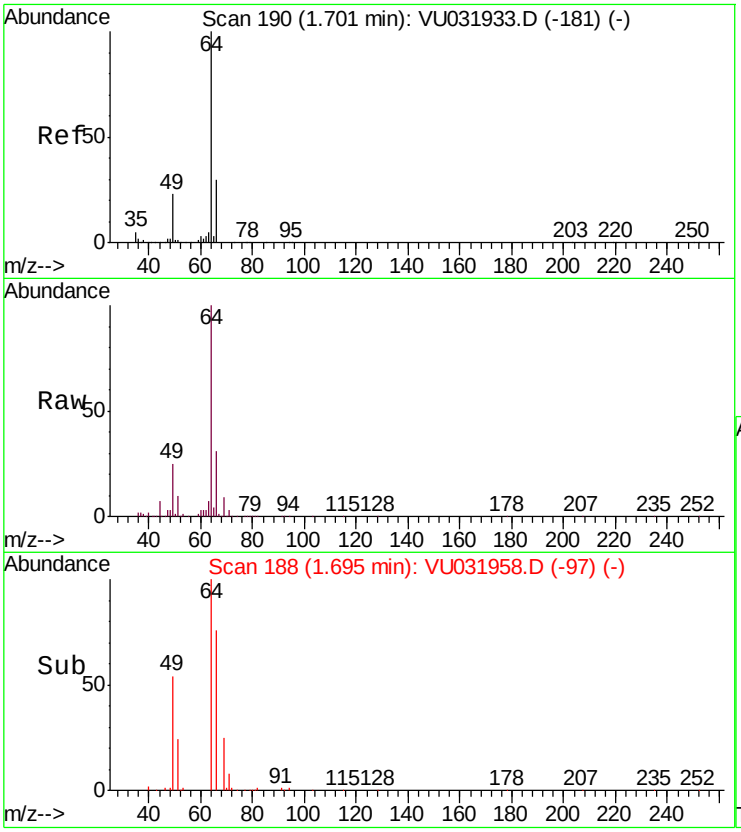


#6
Bromomethane
Concen: 5.602 ug/L
RT: 1.62 min Scan# 165
Delta R.T. -0.01 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 94 Resp: 143995

Ion	Ratio	Lower	Upper
94	100		
96	93.5	66.1	122.8



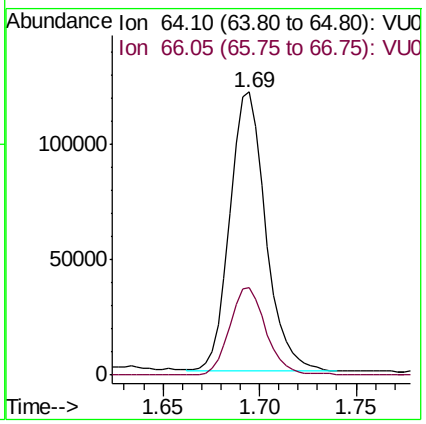


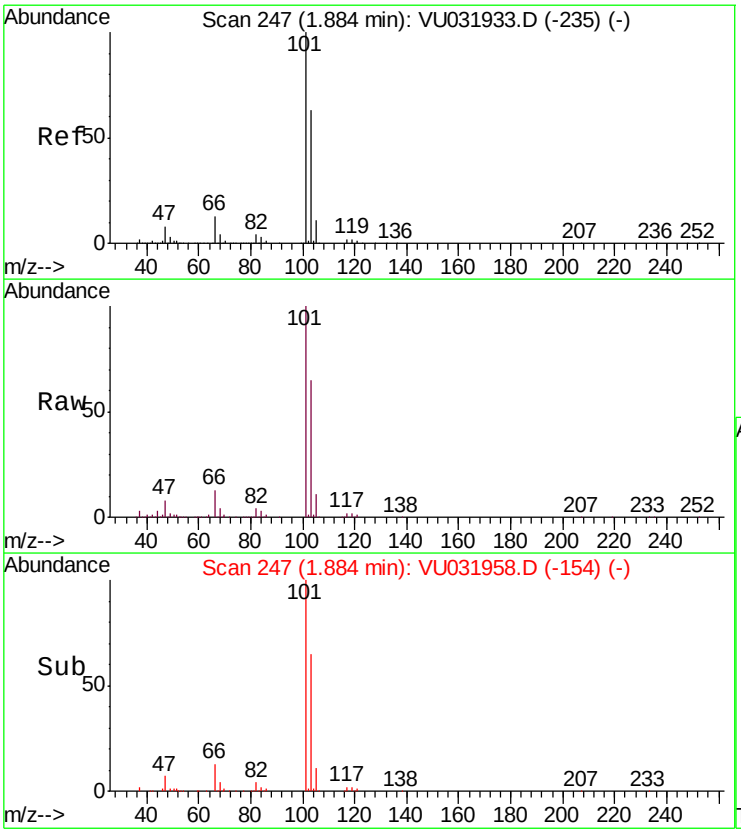
#8
Chloroethane
Concen: 5.056 ug/L
RT: 1.69 min Scan# 188
Delta R.T. -0.01 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 64 Resp: 155924

Ion	Ratio	Lower	Upper
64	100		
66	30.9	21.9	40.7

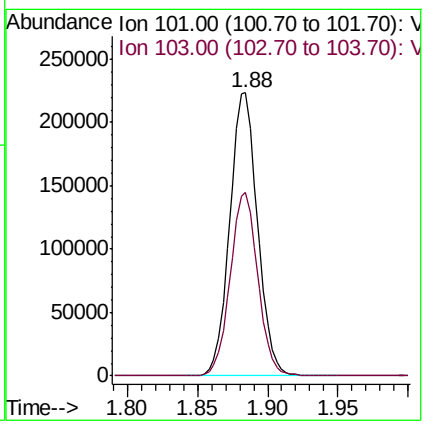


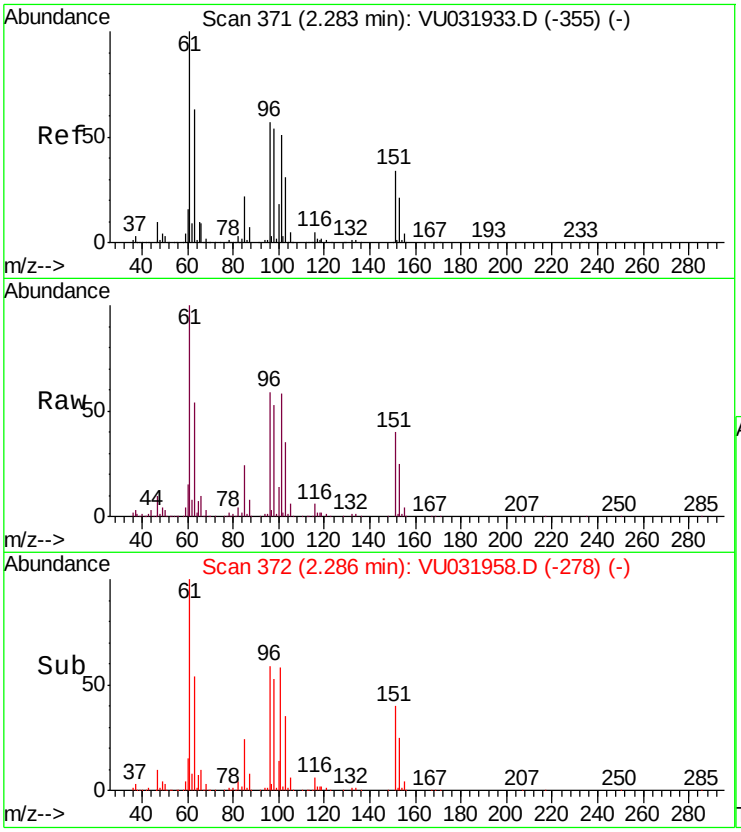


#9
Trichlorofluoromethane
Concen: 4.769 ug/L
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:101 Resp: 308852

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.1	78.1



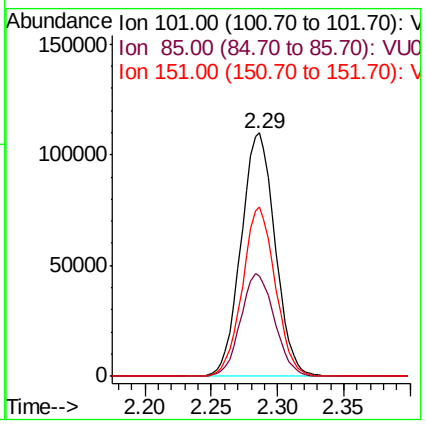


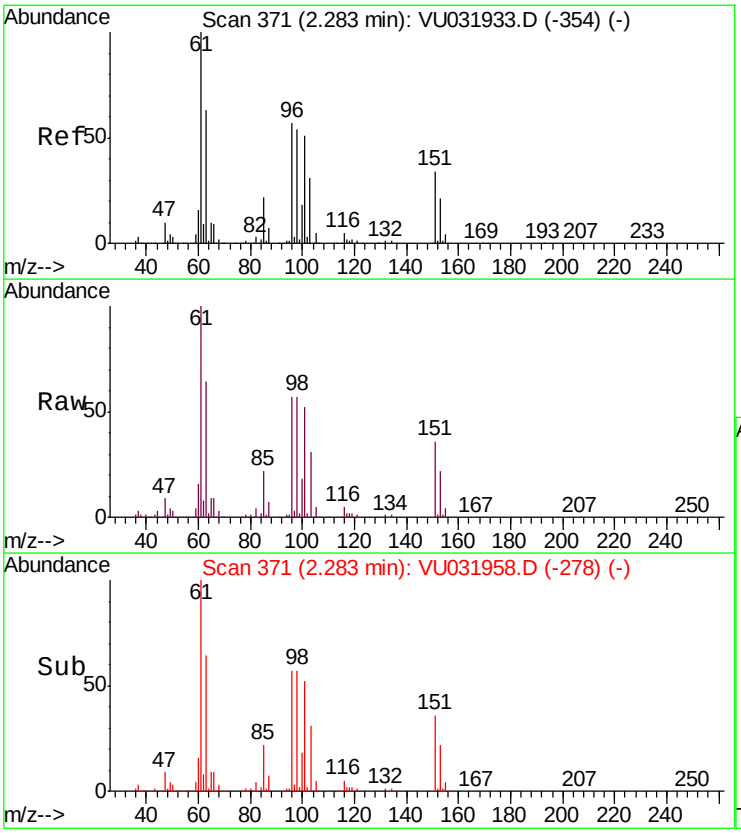
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.821 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion:101 Resp: 196196

Ion	Ratio	Lower	Upper
101	100		
85	41.9	40.0	60.0
151	67.3	54.6	82.0

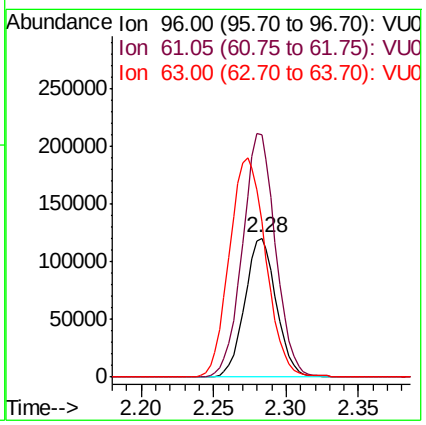


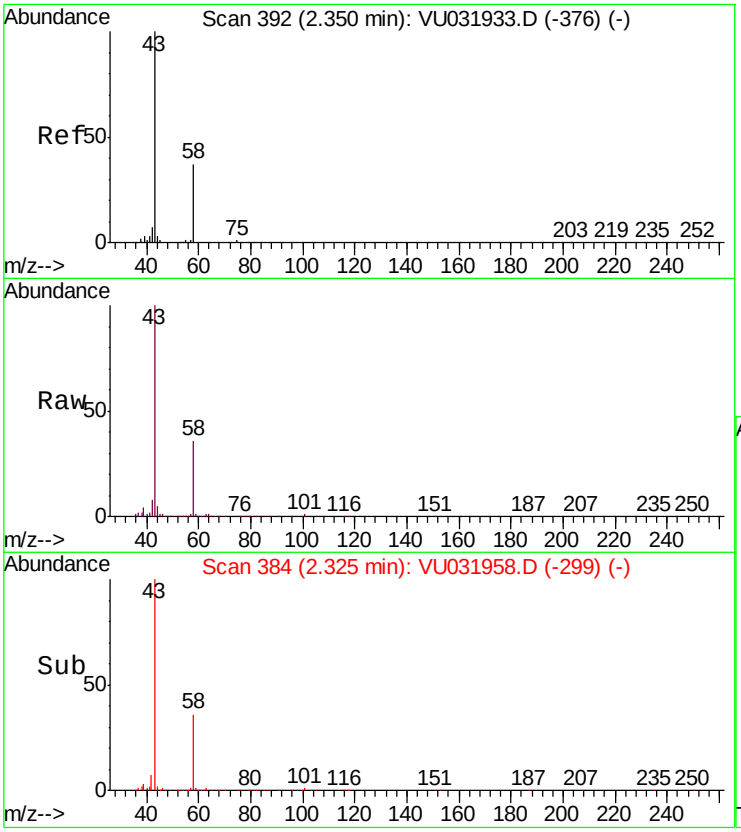


#12
1,1-Dichloroethene
Concen: 5.752 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 96 Resp: 182556

Ion	Ratio	Lower	Upper
96	100		
61	174.0	149.0	276.6
63	111.2	99.8	185.4



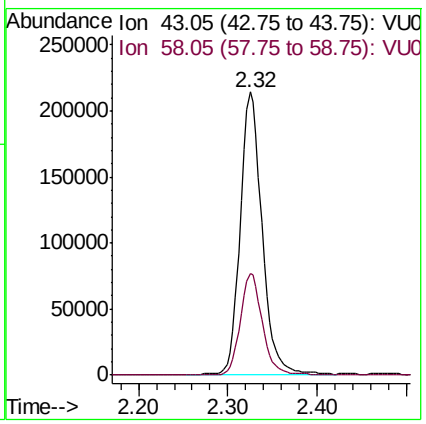


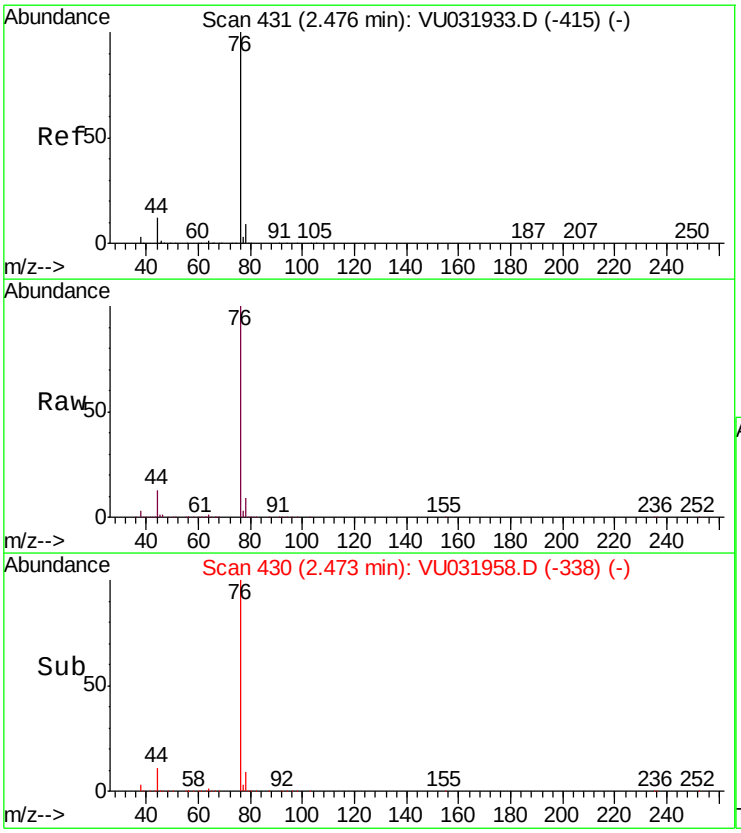
#13
Acetone
Concen: 42.967 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.03 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 43 Resp: 364579

Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	53.6

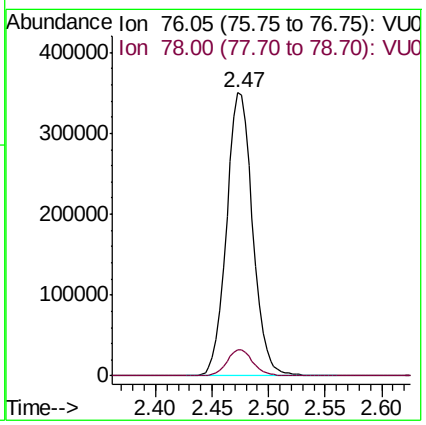


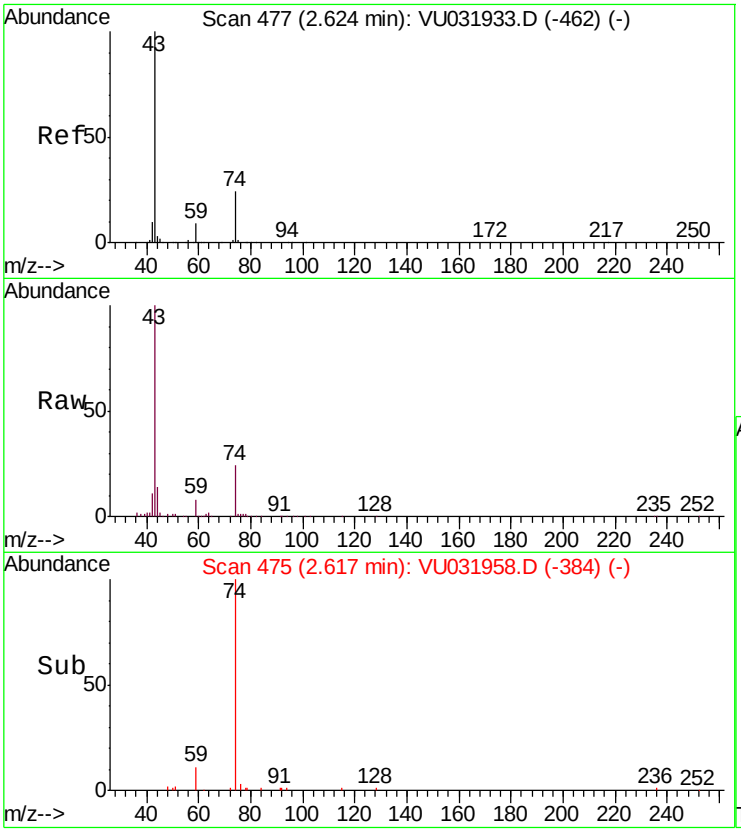


#14
Carbon disulfide
Concen: 5.049 ug/L
RT: 2.47 min Scan# 430
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 76 Resp: 564026

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3



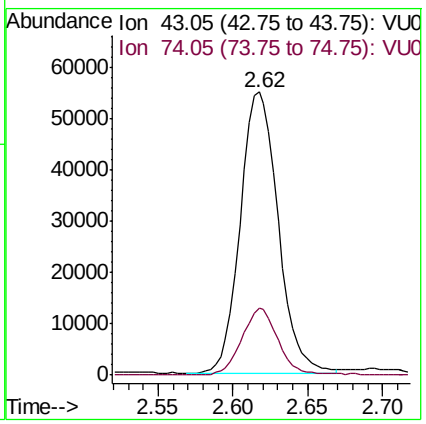


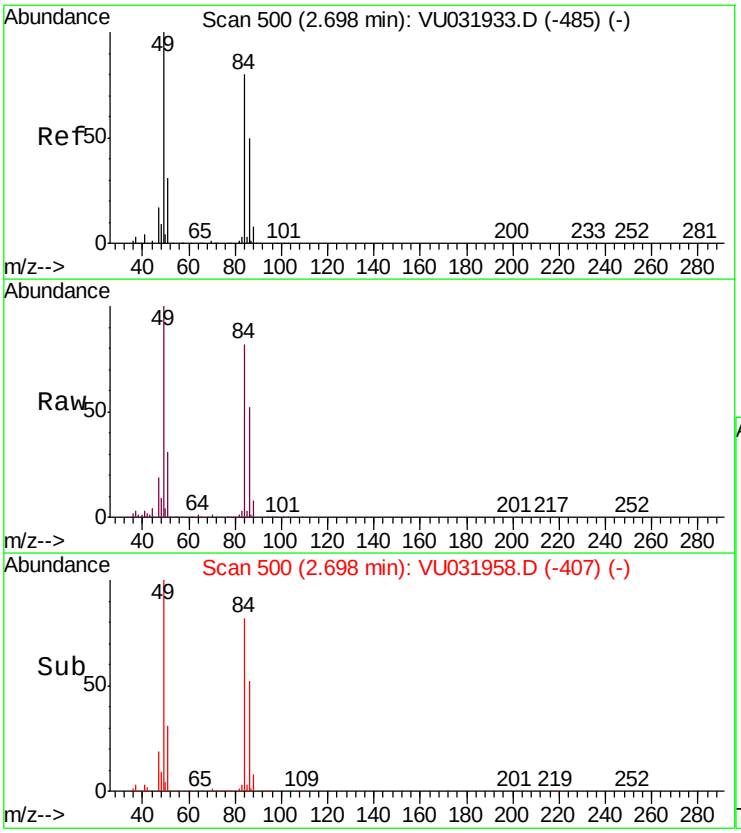
#15
Methyl Acetate
Concen: 4.432 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.01 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 43 Resp: 97013

Ion	Ratio	Lower	Upper
43	100		
74	22.7	14.7	22.1#

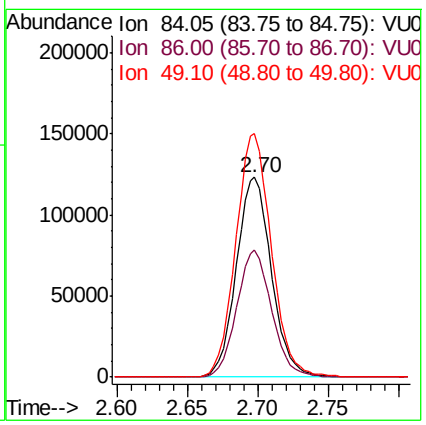


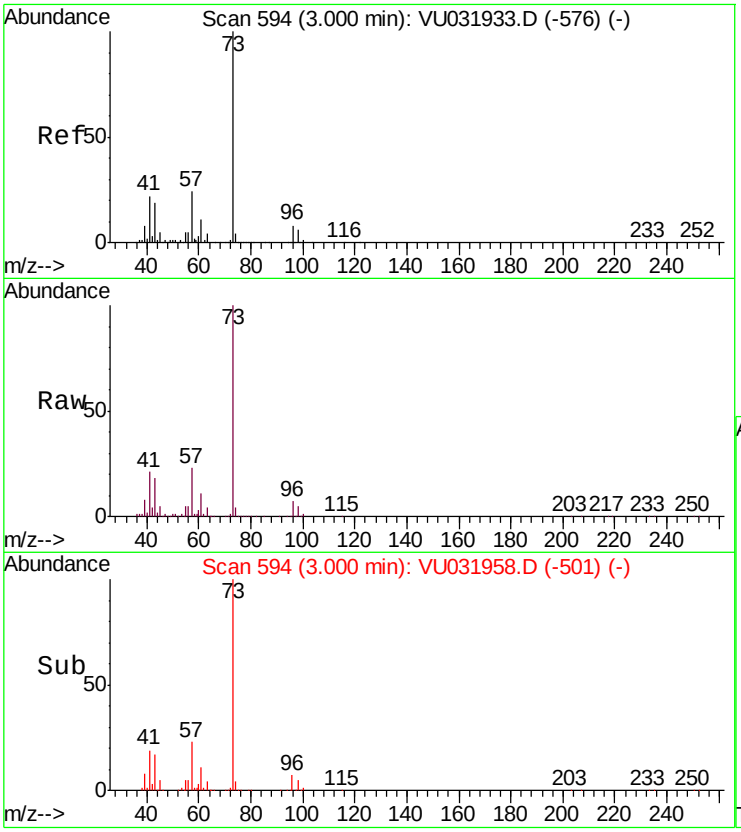


#16
Methylene chloride
Concen: 4.873 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 84 Resp: 214608

Ion	Ratio	Lower	Upper
84	100		
86	63.4	45.6	84.8
49	121.7	106.7	198.1



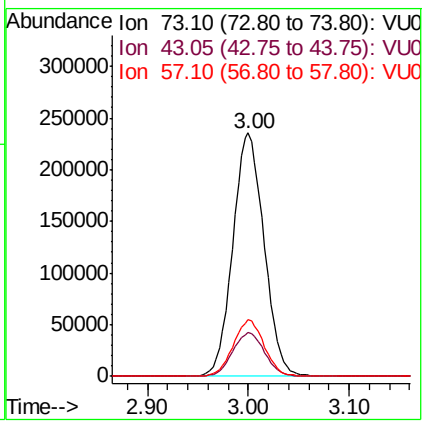


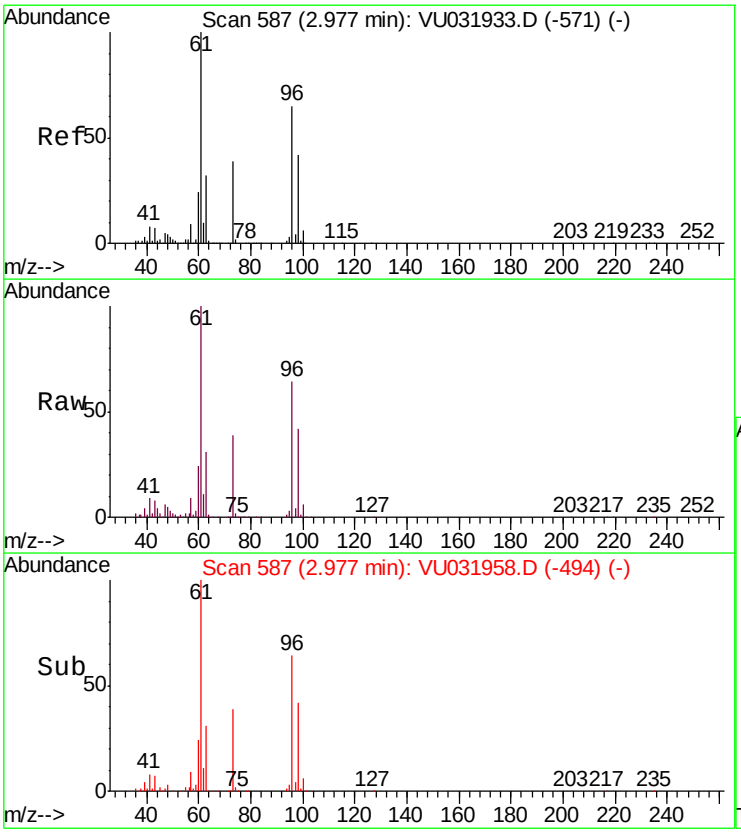
#17
Methyl tert-butyl Ether
Concen: 5.347 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 73 Resp: 505522

Ion	Ratio	Lower	Upper
73	100		
43	18.1	20.5	30.7#
57	23.1	19.9	29.9

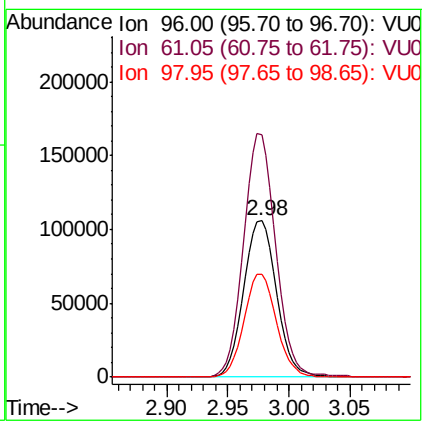


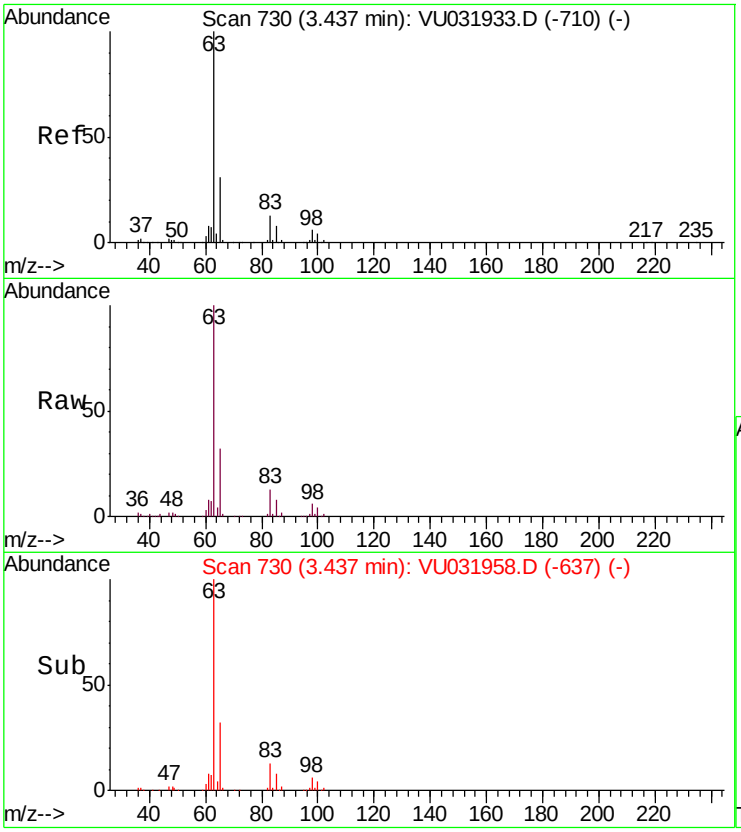


#18
trans-1,2-Dichloroethene
Concen: 5.760 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 96 Resp: 197014

Ion	Ratio	Lower	Upper
96	100		
61	155.1	130.9	243.1
98	65.8	46.2	85.8



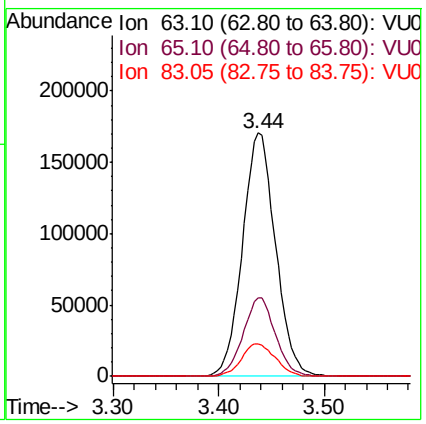


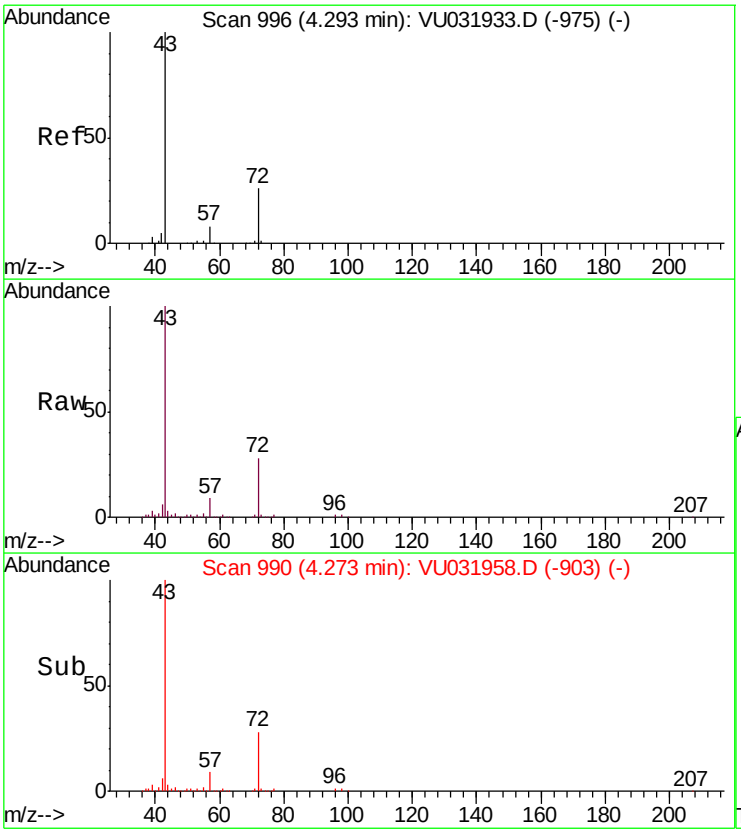
#19
1,1-Dichloroethane
Concen: 4.421 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 63 Resp: 371950

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.8	40.4
83	13.2	7.9	14.7

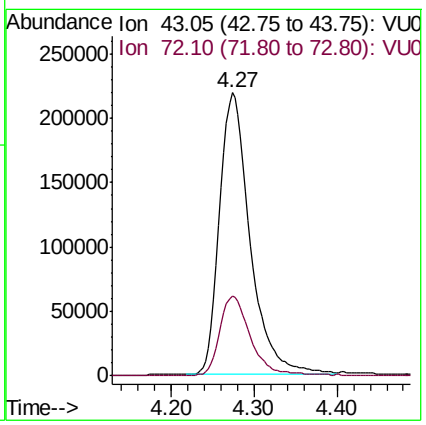


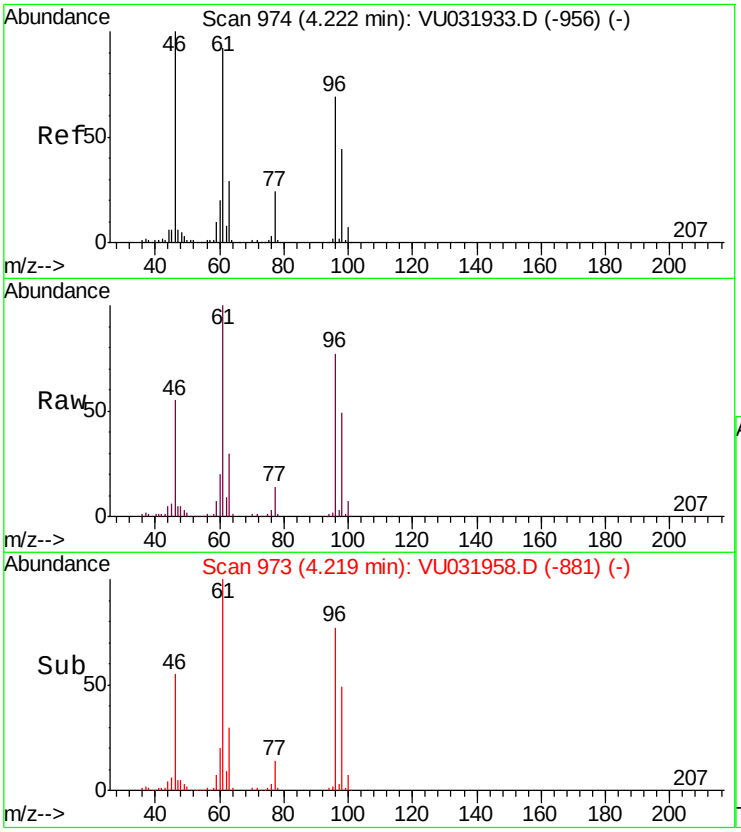


#21
2-Butanone
Concen: 39.703 ug/L
RT: 4.27 min Scan# 990
Delta R.T. -0.02 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 43 Resp: 562956

Ion	Ratio	Lower	Upper
43	100		
72	27.9	10.4	31.1



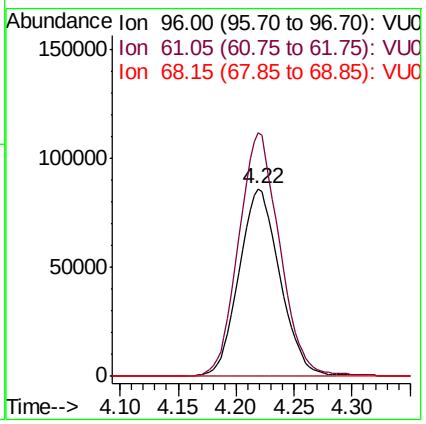


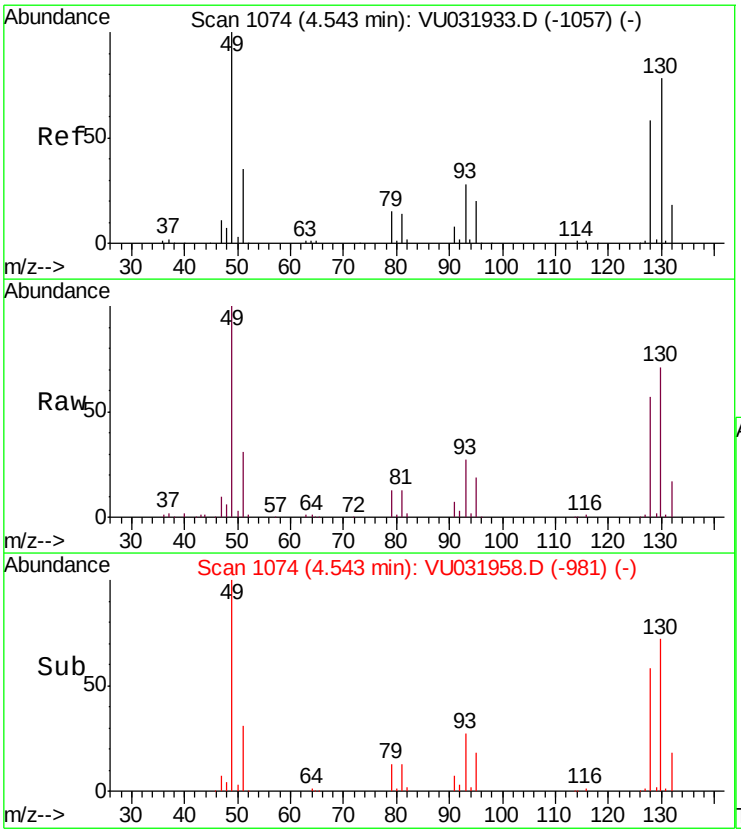
#22
cis-1,2-Dichloroethene
Concen: 5.132 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 96 Resp: 210846

Ion	Ratio	Lower	Upper
96	100		
61	129.6	113.3	210.5
68	0.0	0.0	0.0

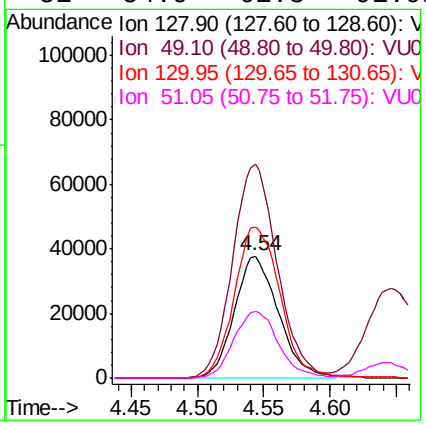


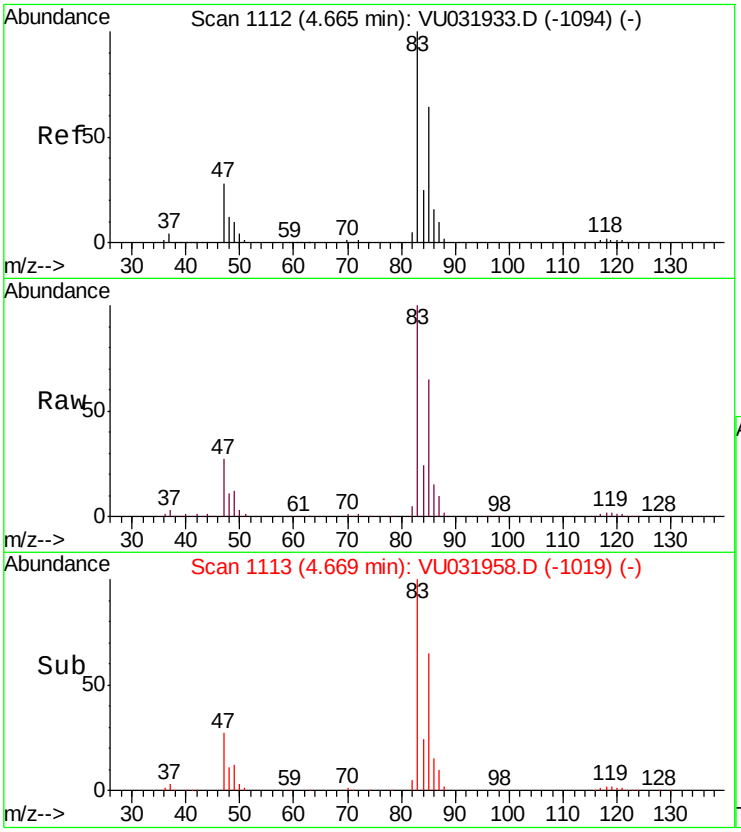


#23
Bromochloromethane
Concen: 5.277 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:128 Resp: 87003

Ion	Ratio	Lower	Upper
128	100		
49	175.4	168.8	313.4
130	124.2	93.0	172.8
51	54.9	61.3	91.9#



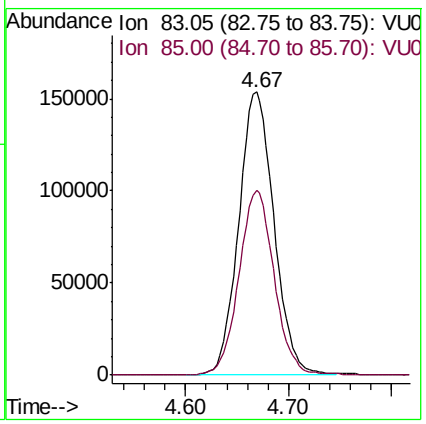


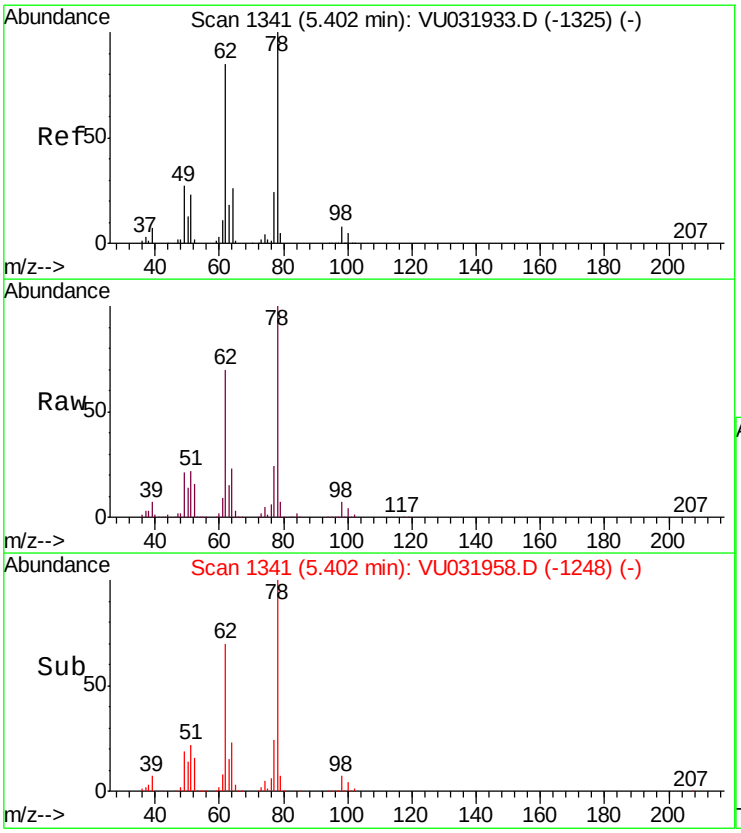
#25
Chloroform
Concen: 4.421 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 83 Resp: 366043

Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.4	82.5

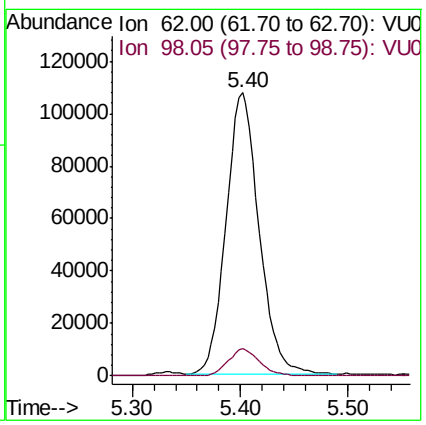


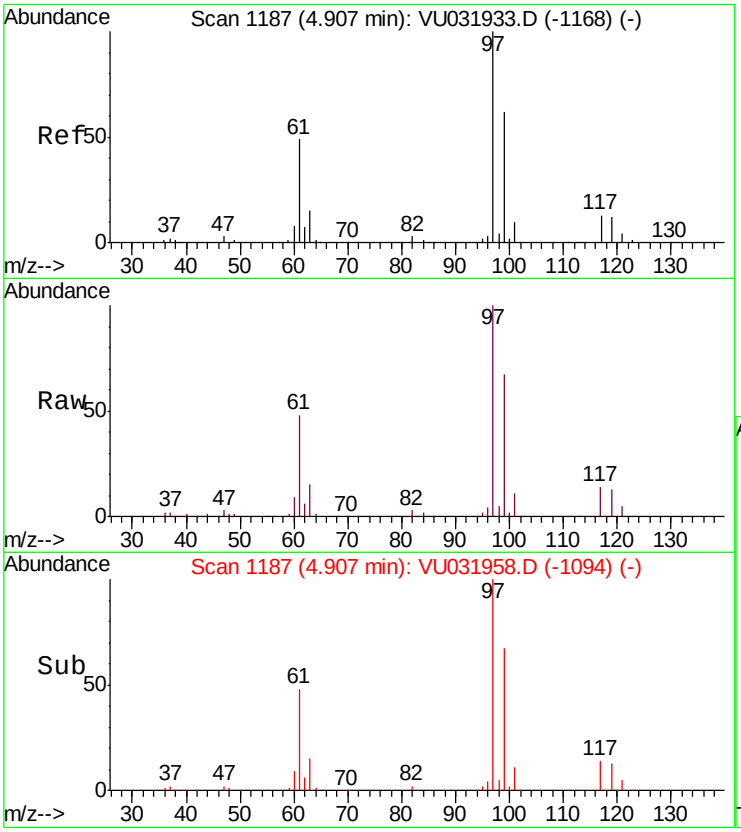


#27
1,2-Dichloroethane
Concen: 4.176 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 62 Resp: 228209

Ion	Ratio	Lower	Upper
62	100		
98	9.6	5.4	8.2#



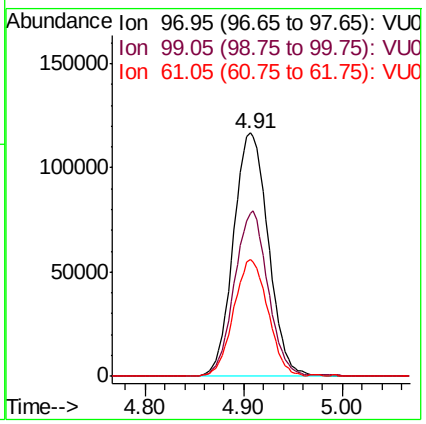


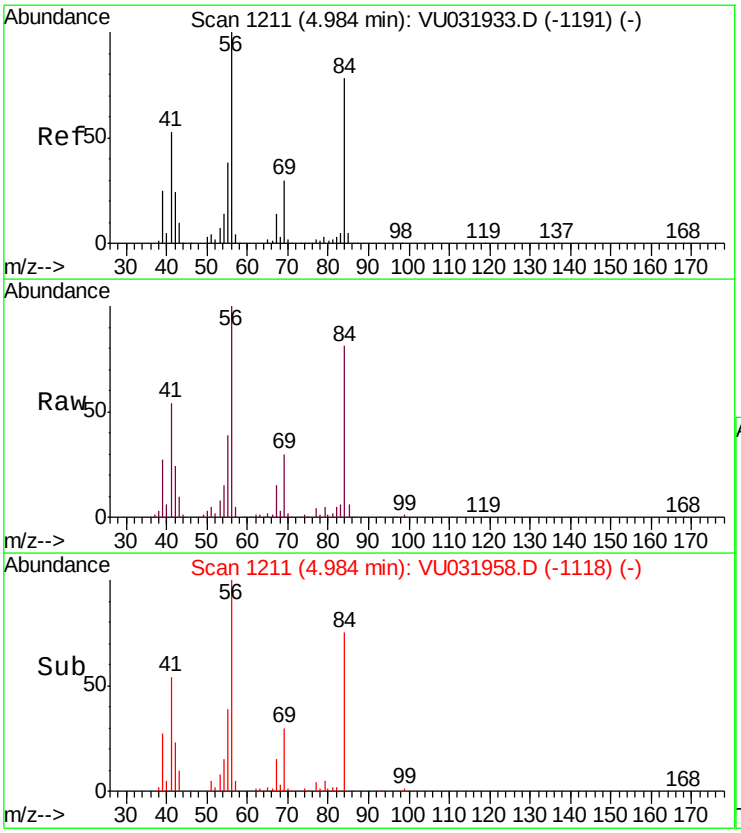
#29
1,1,1-Trichloroethane
Concen: 4.413 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 97 Resp: 286126

Ion	Ratio	Lower	Upper
97	100		
99	65.4	50.6	75.8
61	47.2	42.2	63.2

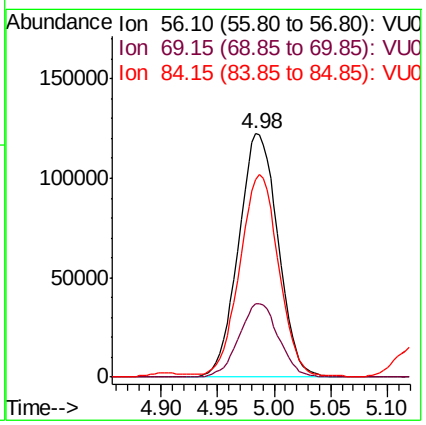


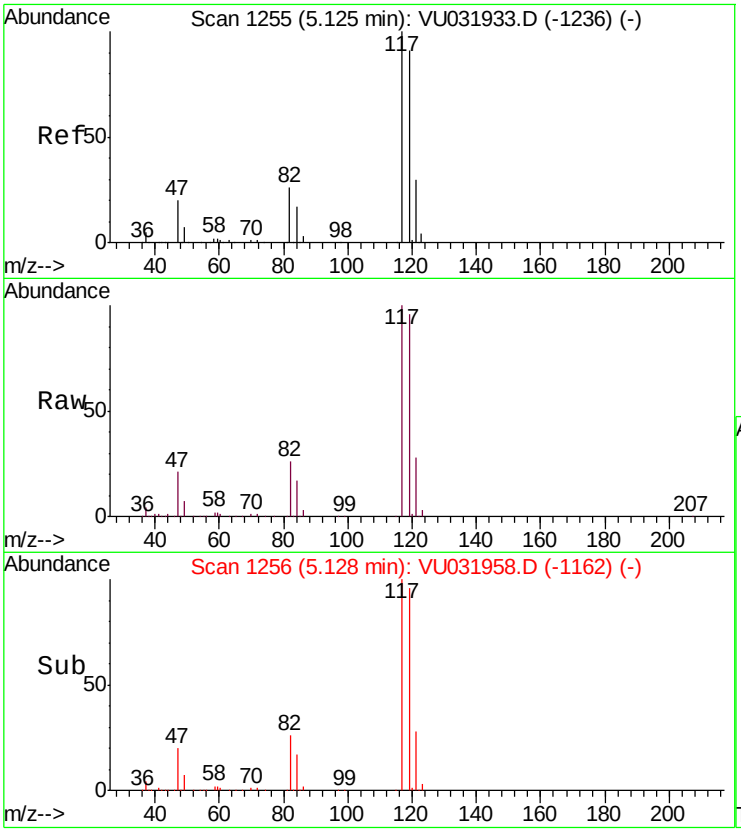


#30
Cyclohexane
Concen: 4.193 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 56 Resp: 297679

Ion	Ratio	Lower	Upper
56	100		
69	30.3	21.8	32.8
84	82.4	56.8	85.2



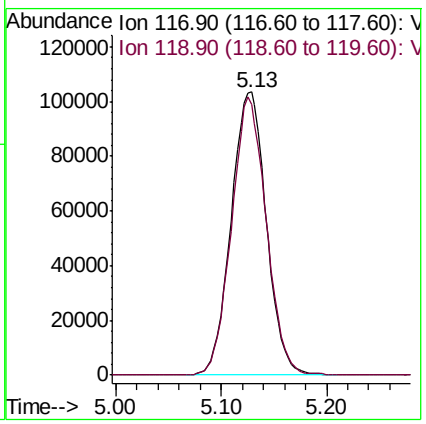


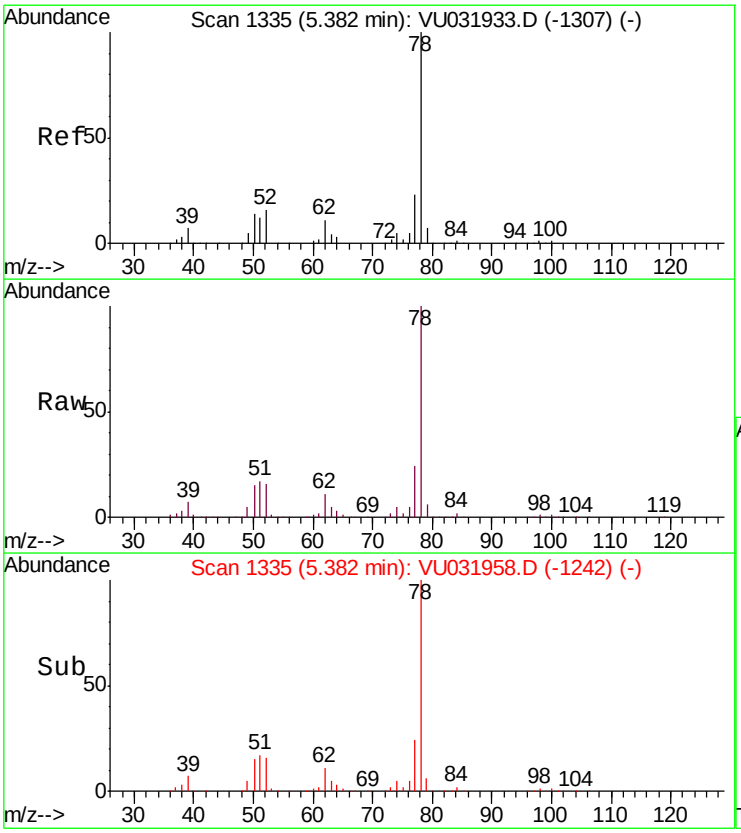
#31
Carbon tetrachloride
Concen: 4.335 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion:117 Resp: 239340

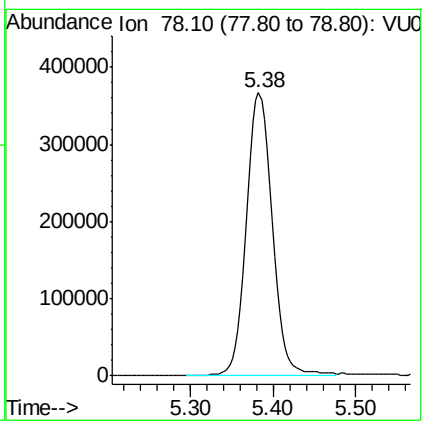
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.4	114.6

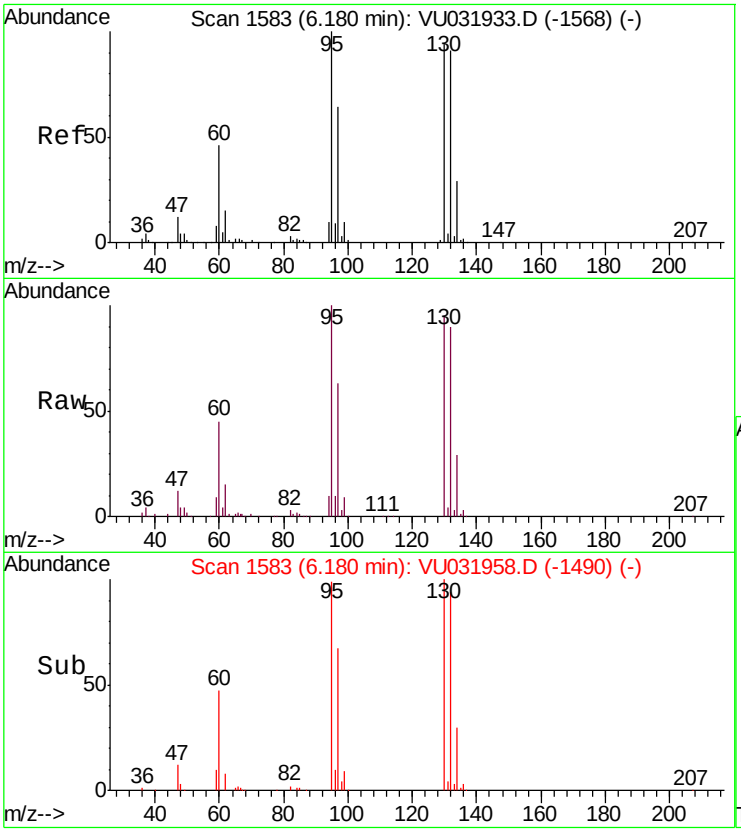




#33
Benzene
Concen: 4.858 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 78 Resp: 801349



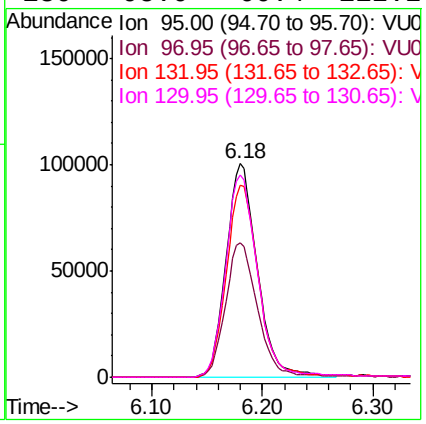


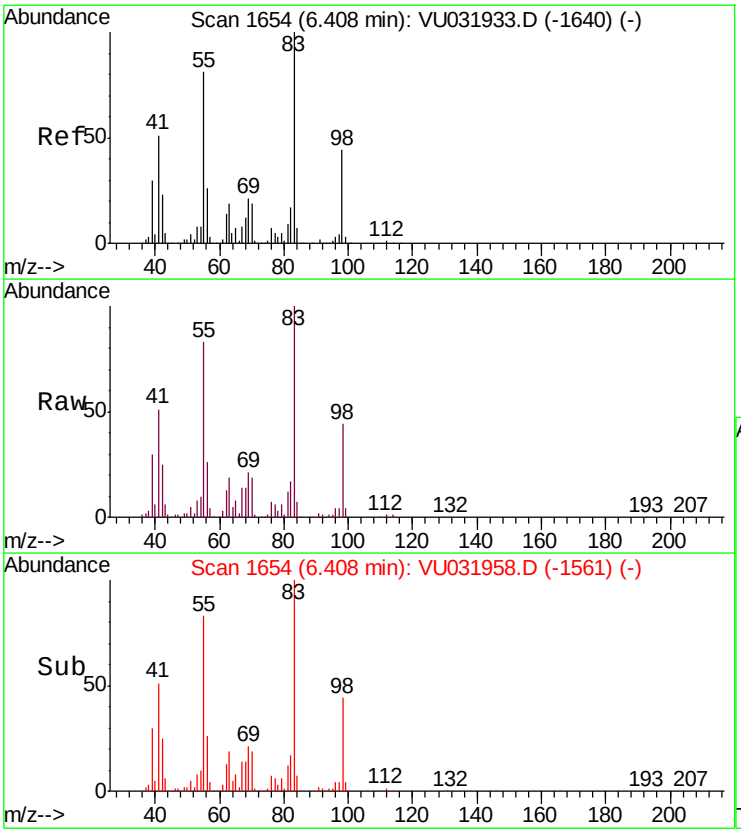
#34
Trichloroethene
Concen: 4.761 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 95 Resp: 198001

Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.8	85.2
132	89.7	56.0	104.0
130	95.0	60.4	112.2

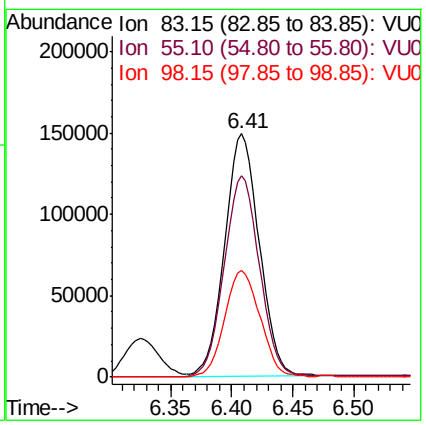


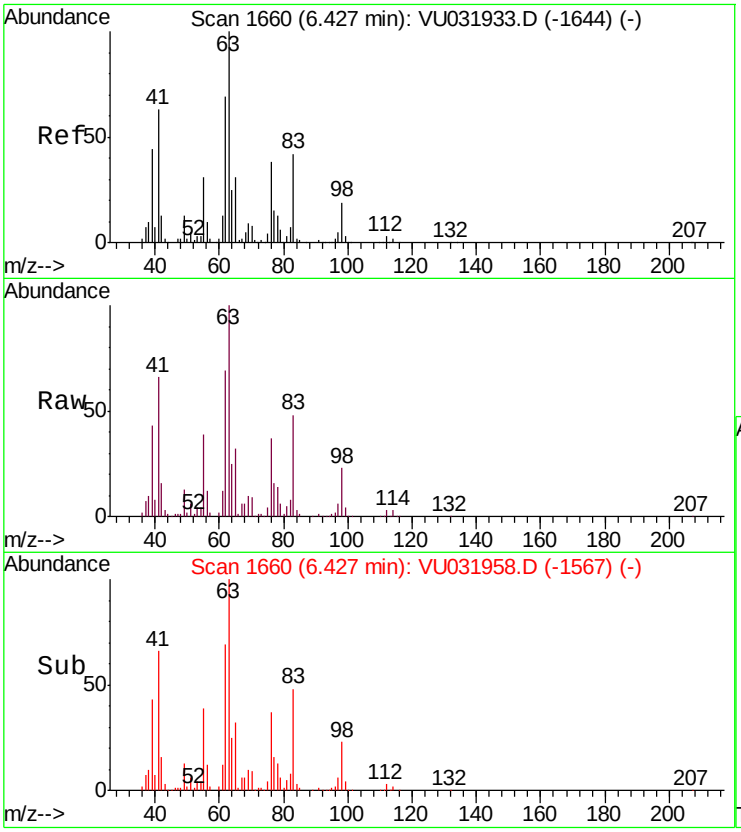


#35
Methylcyclohexane
Concen: 4.942 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 83 Resp: 295184

Ion	Ratio	Lower	Upper
83	100		
55	85.1	79.2	118.8
98	45.0	34.0	51.0



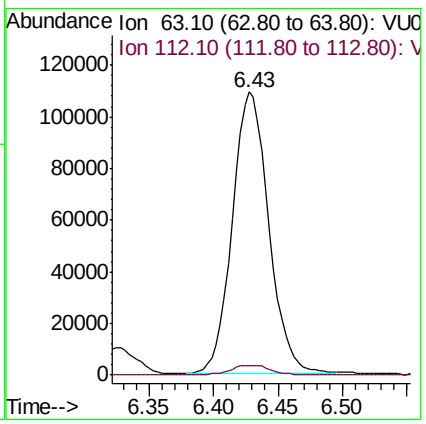


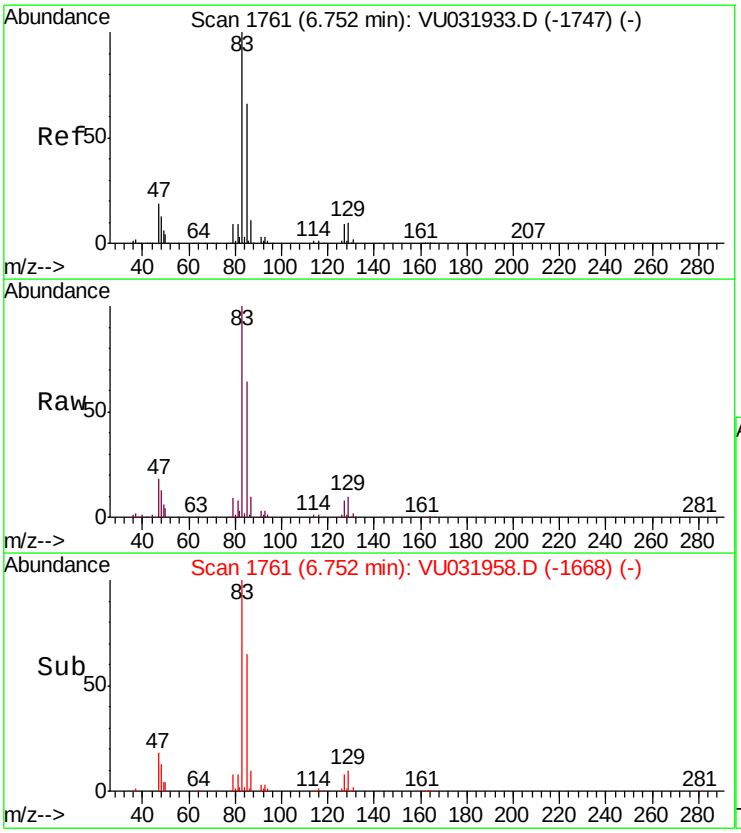
#37
1,2-Dichloropropane
Concen: 4.558 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 63 Resp: 215171

Ion	Ratio	Lower	Upper
63	100		
112	3.9	2.5	3.7#

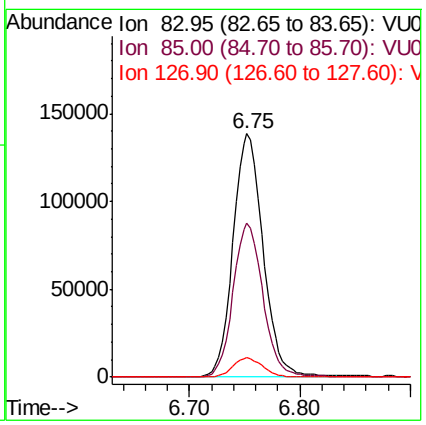


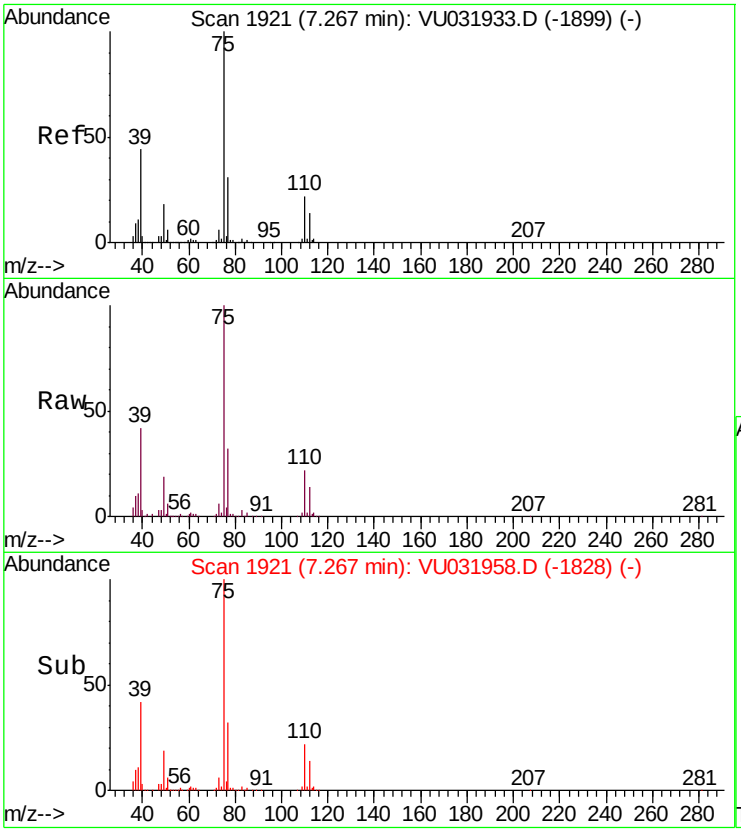


#38
Bromodichloromethane
Concen: 4.634 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 83 Resp: 260537

Ion	Ratio	Lower	Upper
83	100		
85	63.5	41.3	76.7
127	7.8	5.8	8.6



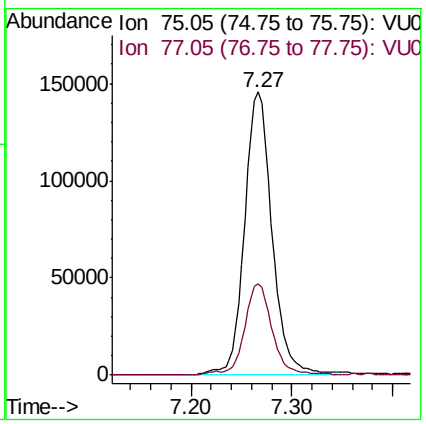


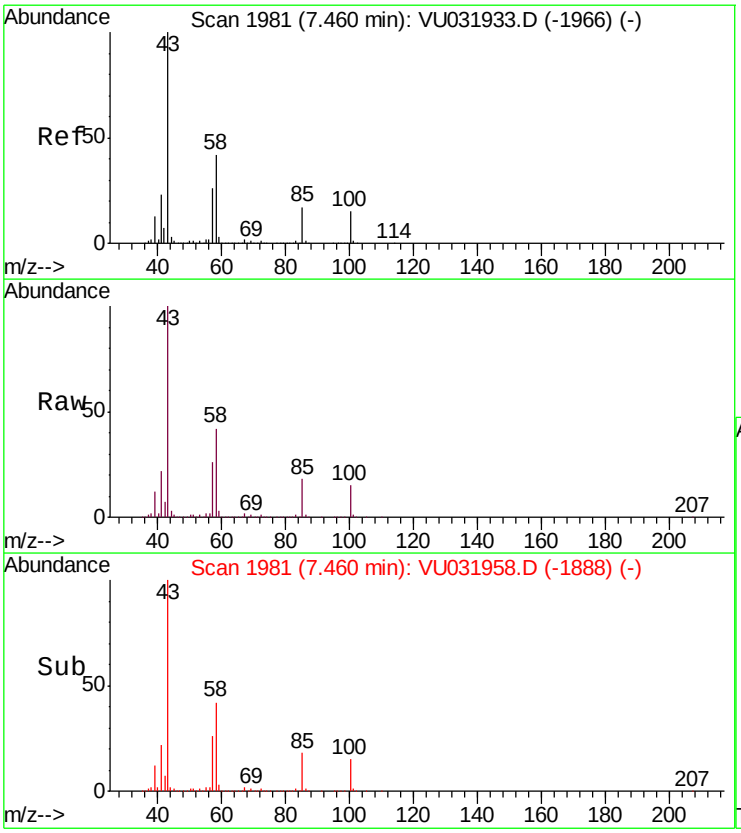
#39
cis-1,3-Dichloropropene
Concen: 4.644 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 75 Resp: 274695

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.3	41.5

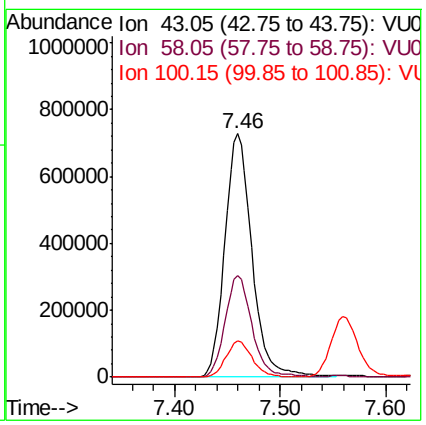


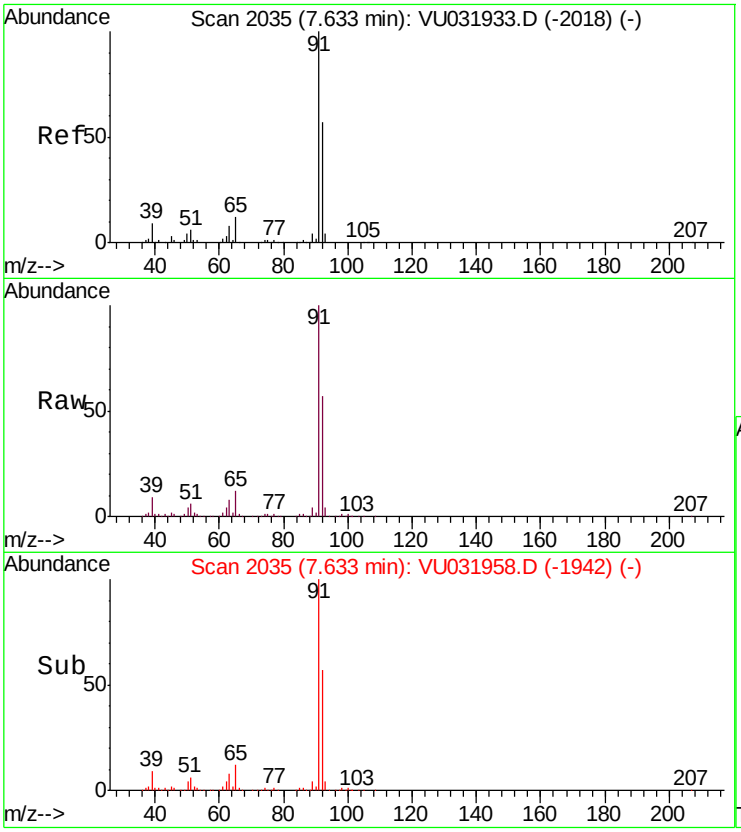


#40
4-Methyl-2-pentanone
Concen: 40.820 ug/L
RT: 7.46 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 43 Resp: 1296787

Ion	Ratio	Lower	Upper
43	100		
58	41.3	28.0	42.0
100	14.5	8.2	12.4#



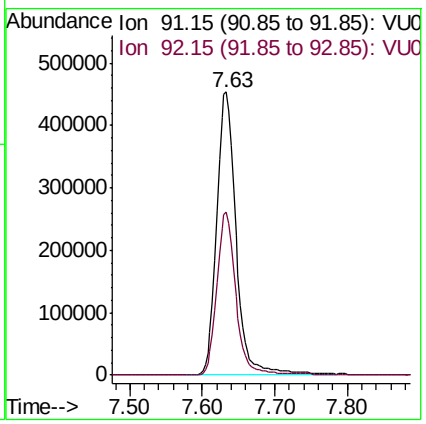


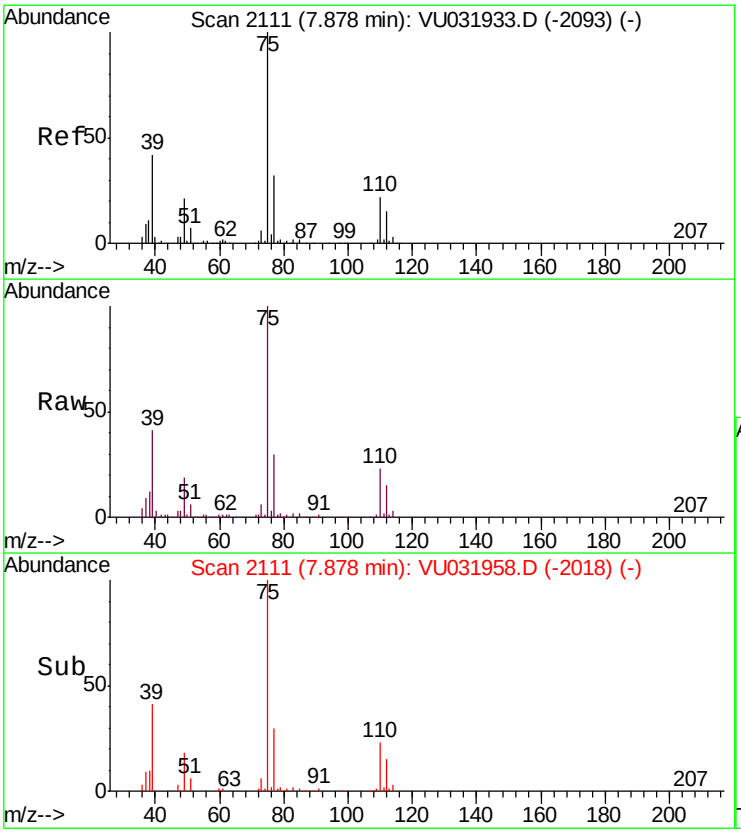
#42
Toluene
Concen: 5.205 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 91 Resp: 847642

Ion	Ratio	Lower	Upper
91	100		
92	57.4	38.1	70.9

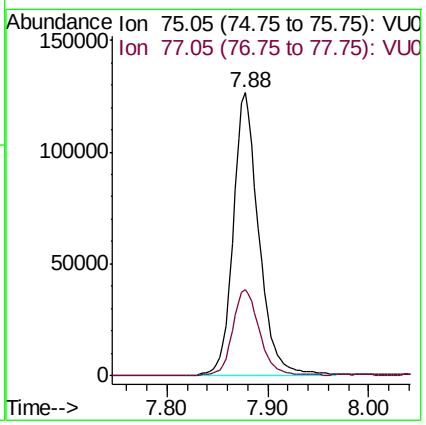


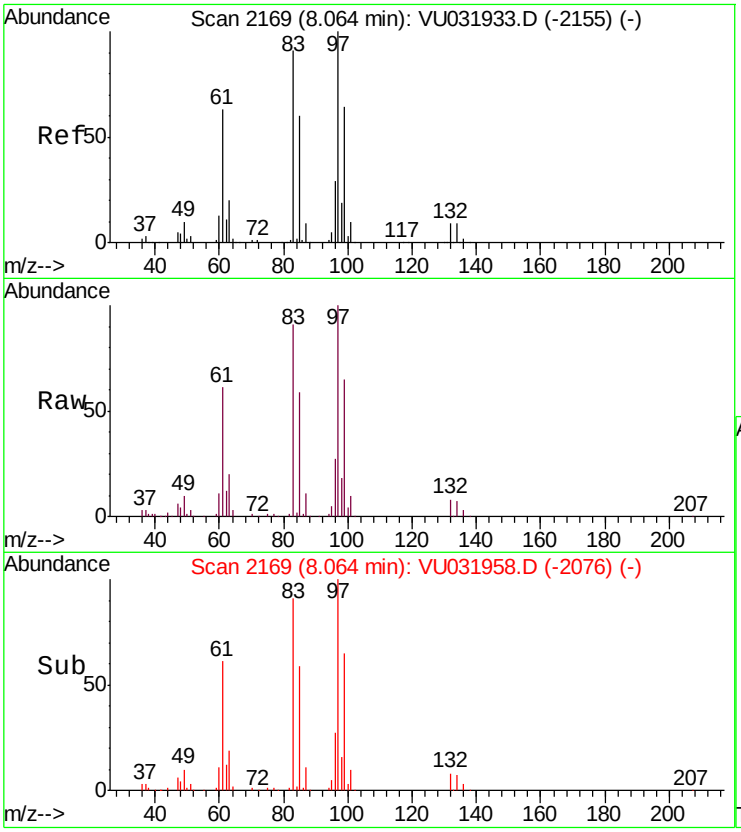


#44
trans-1,3-Dichloropropene
Concen: 4.794 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 75 Resp: 224591

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.3	41.3



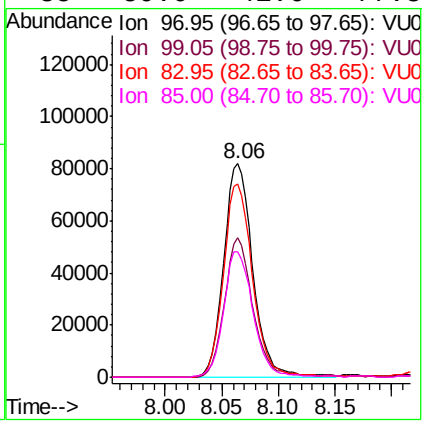


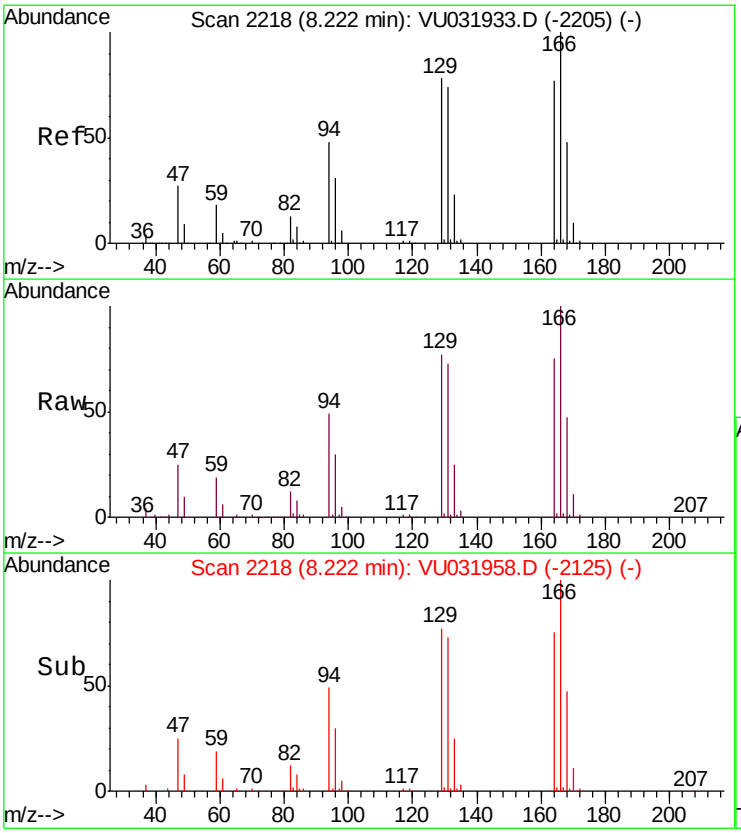
#45
1,1,2-Trichloroethane
Concen: 5.265 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 97 Resp: 147248

Ion	Ratio	Lower	Upper
97	100		
99	65.3	45.8	85.0
83	90.6	64.5	119.7
85	59.0	41.6	77.3

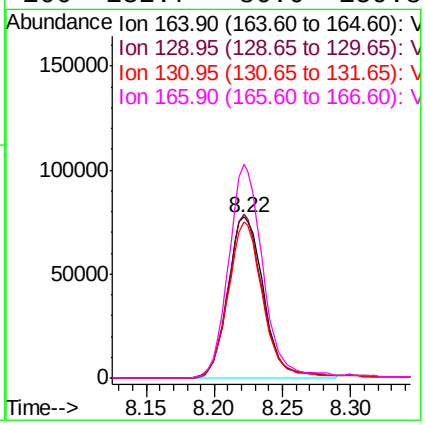


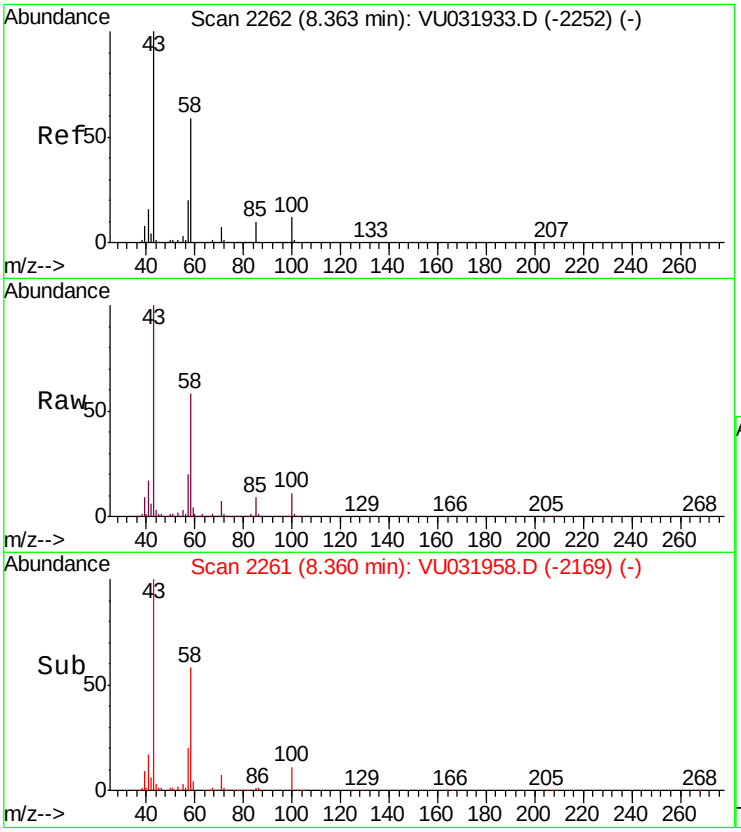


#47
Tetrachloroethene
Concen: 5.206 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:164 Resp: 140766

Ion	Ratio	Lower	Upper
164	100		
129	102.2	70.3	130.5
131	97.0	65.4	121.4
166	132.7	86.0	159.8



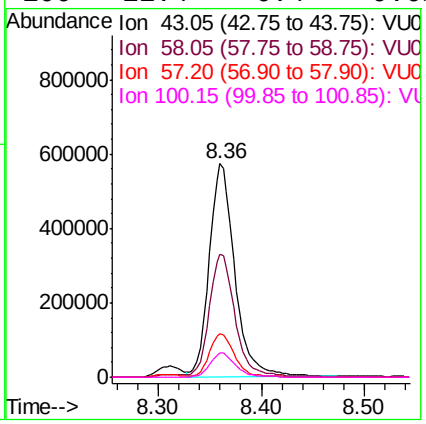


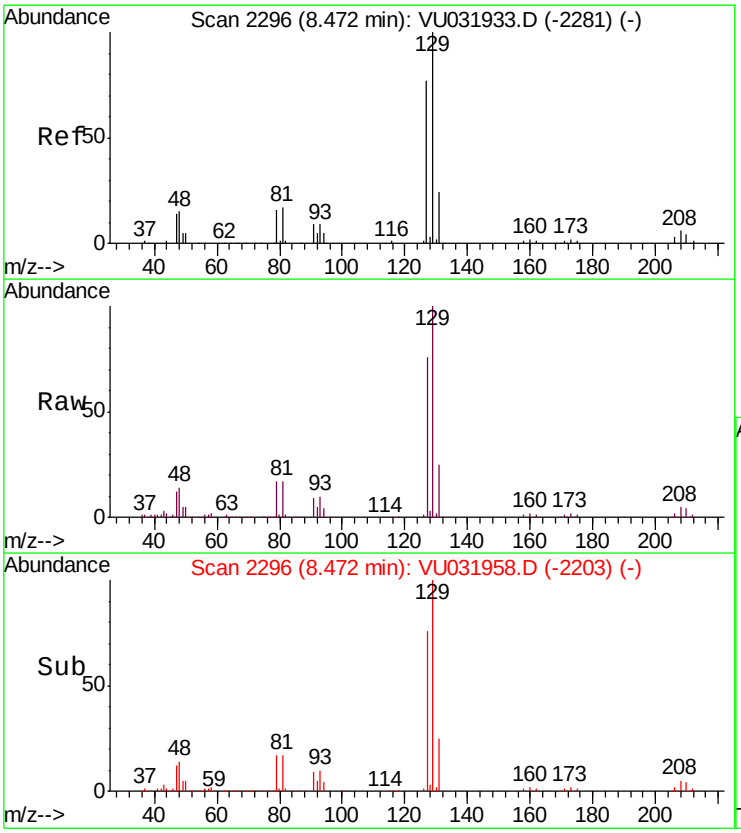
#48
2-Hexanone
Concen: 43.478 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion: 43 Resp: 981679

Ion	Ratio	Lower	Upper
43	100		
58	58.0	40.2	60.2
57	20.1	13.8	20.6
100	11.4	6.4	9.6#

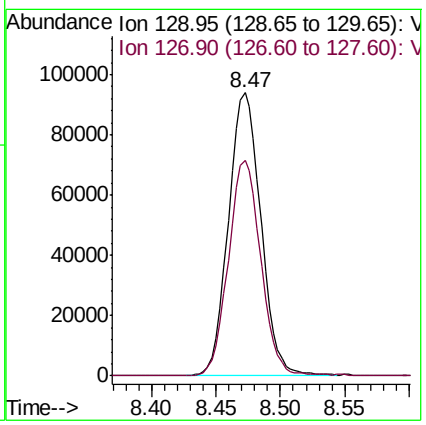


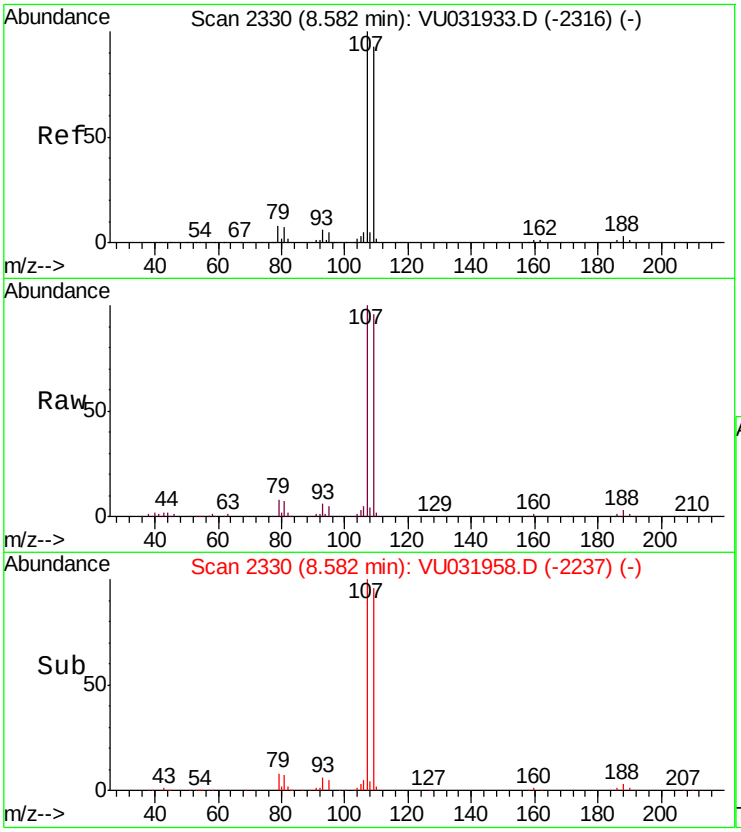


#49
Dibromochloromethane
Concen: 5.013 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:129 Resp: 163052

Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.7	101.7



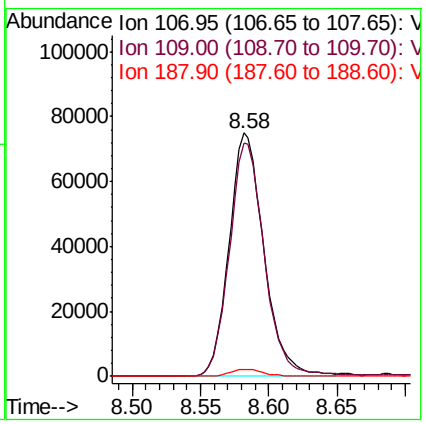


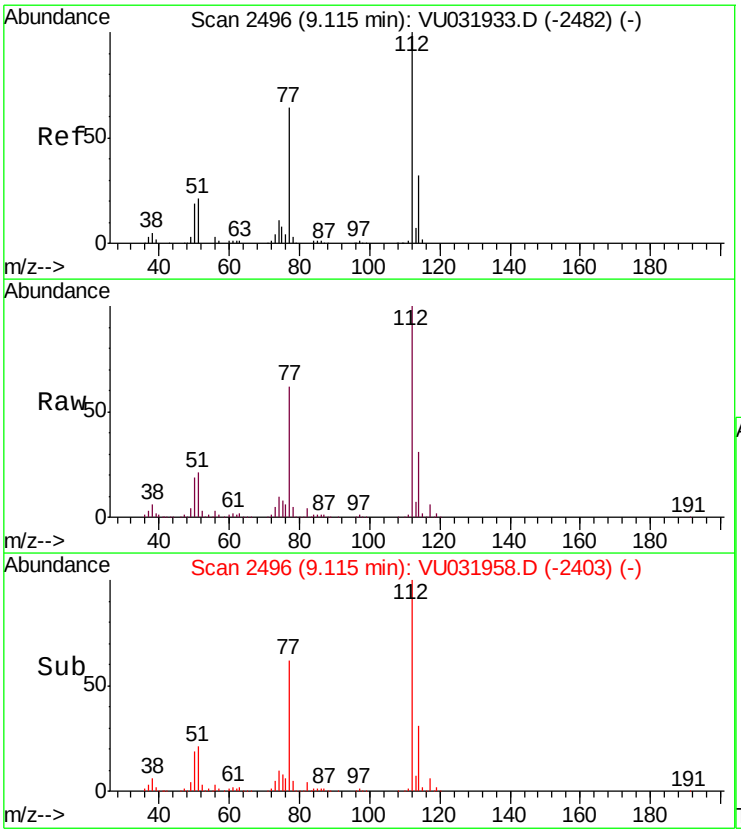
#50
1,2-Dibromoethane
Concen: 5.216 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion:107 Resp: 132741

Ion	Ratio	Lower	Upper
107	100		
109	96.0	62.6	116.3
188	2.9	2.1	3.1

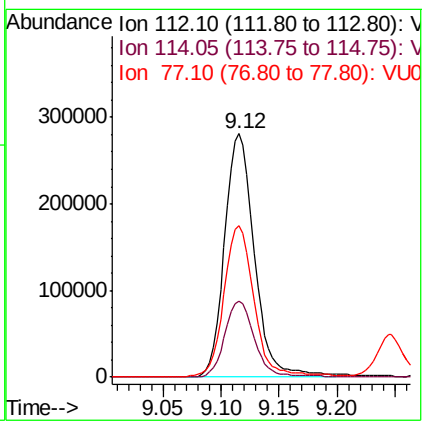


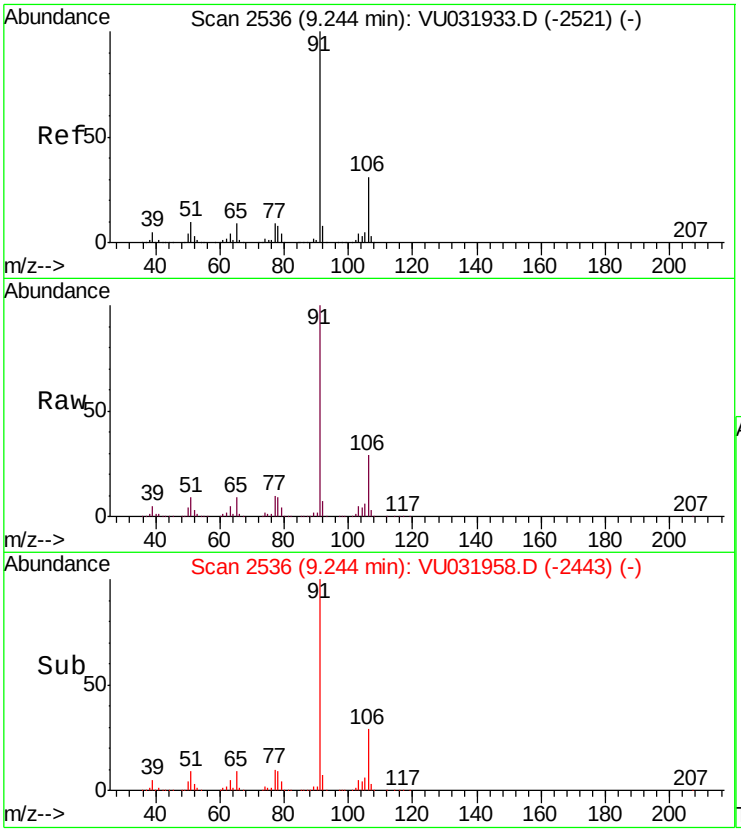


#51
Chlorobenzene
Concen: 5.184 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:112 Resp: 501894

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.5	41.7
77	62.2	56.9	85.3



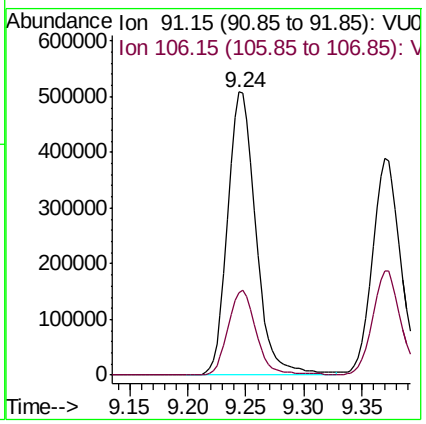


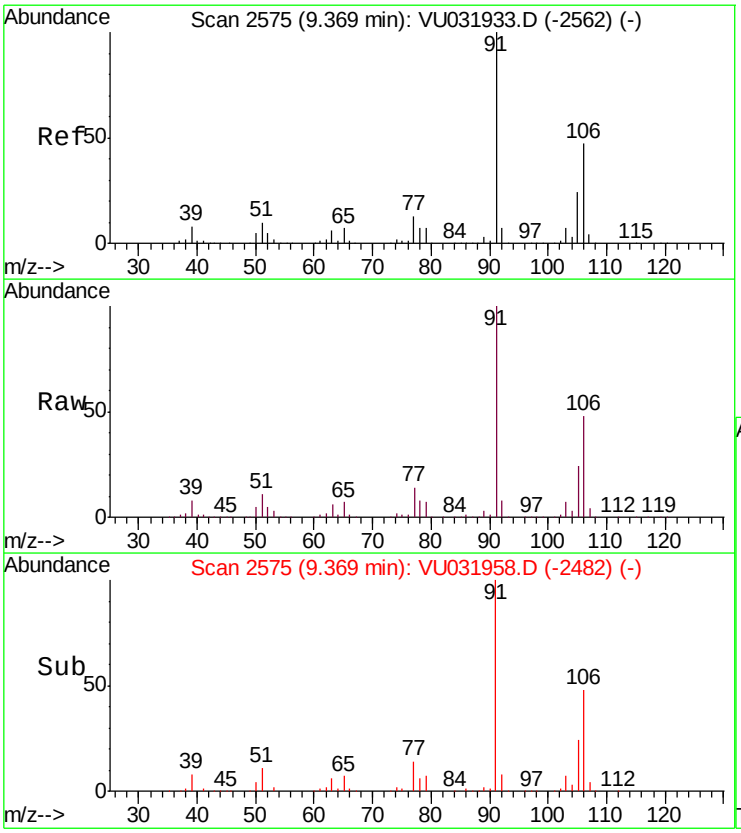
#52
Ethylbenzene
Concen: 5.018 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 91 Resp: 852597

Ion	Ratio	Lower	Upper
91	100		
106	29.2	20.0	37.2

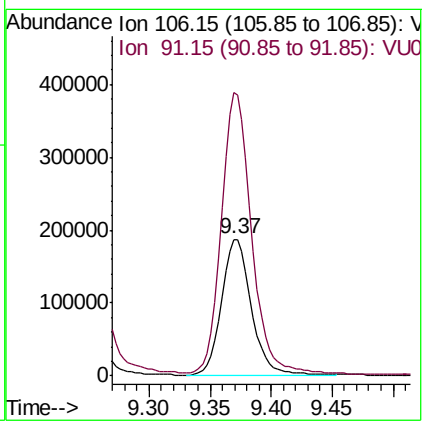


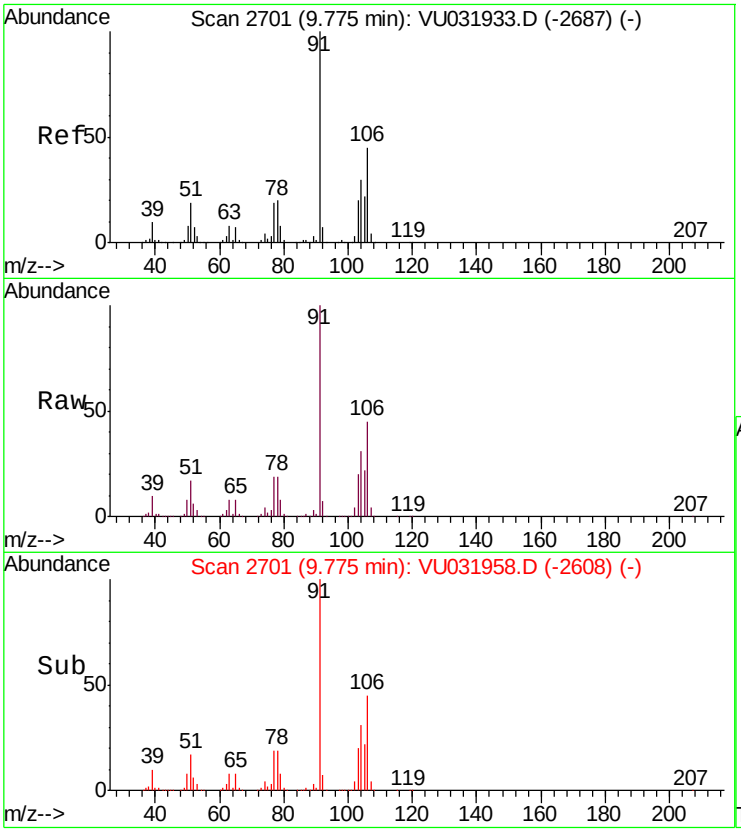


#53
m,p-Xylene
Concen: 5.269 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:106 Resp: 318661

Ion	Ratio	Lower	Upper
106	100		
91	207.0	150.3	279.1



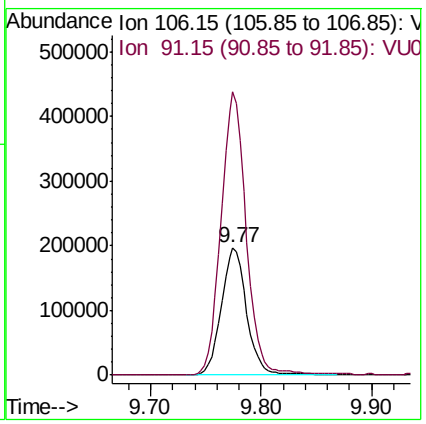


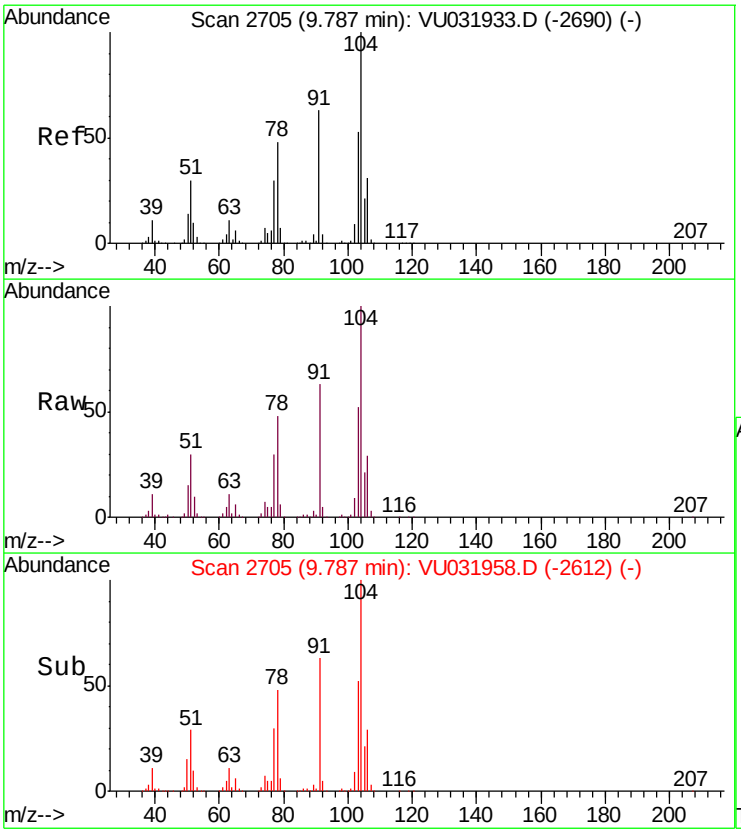
#54
o-Xylene
Concen: 5.438 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion:106 Resp: 314519

Ion	Ratio	Lower	Upper
106	100		
91	222.4	161.8	300.6

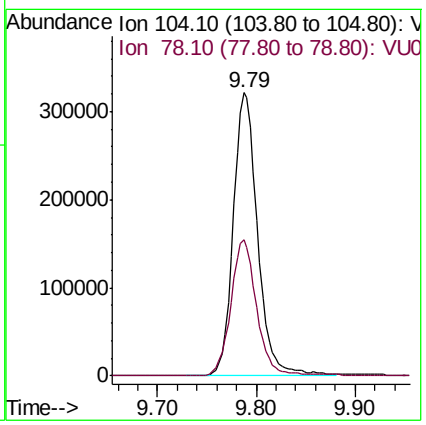


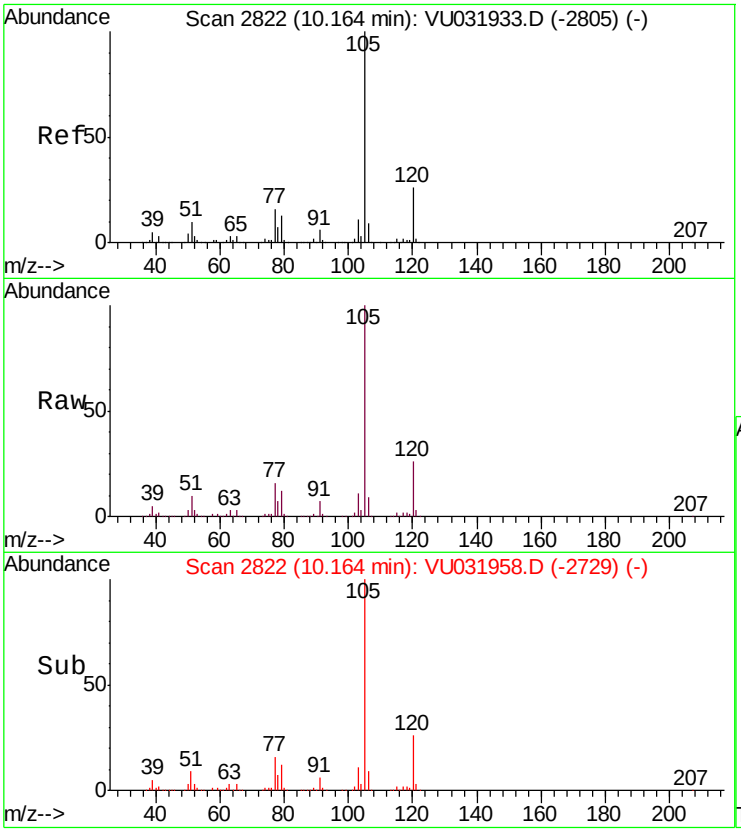


#55
Styrene
Concen: 5.549 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:104 Resp: 550712

Ion	Ratio	Lower	Upper
104	100		
78	48.0	37.2	69.0



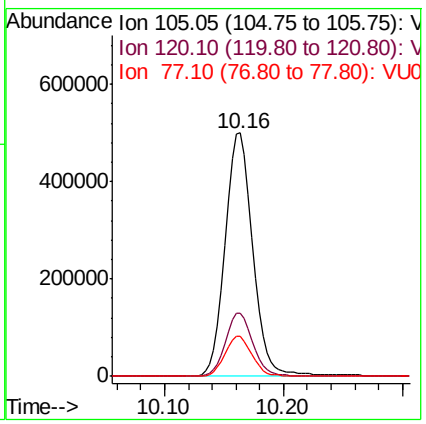


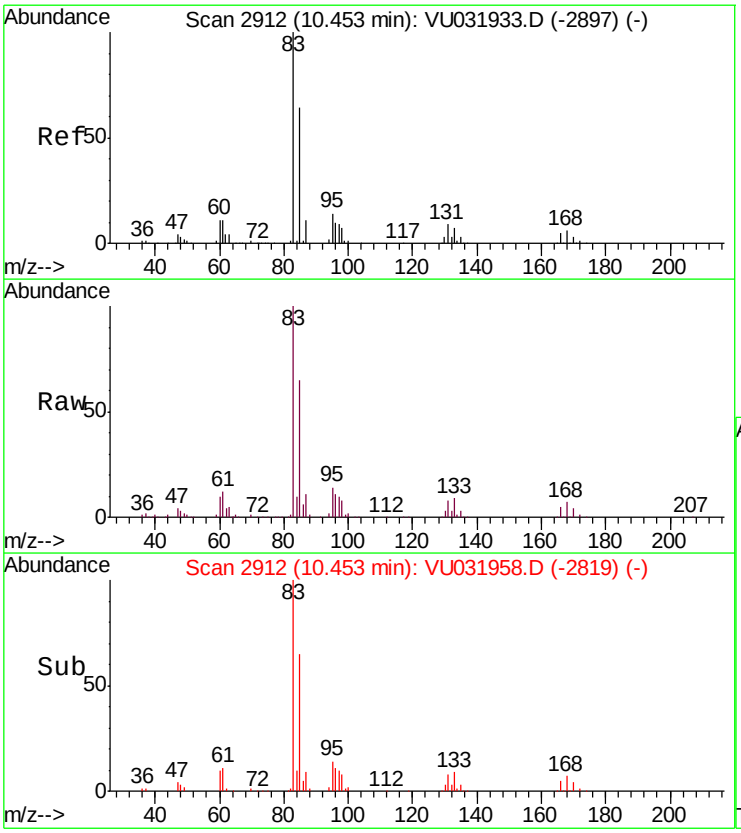
#56
Isopropylbenzene
Concen: 5.210 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion:105 Resp: 806673

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.2	30.4
77	16.5	14.8	22.2

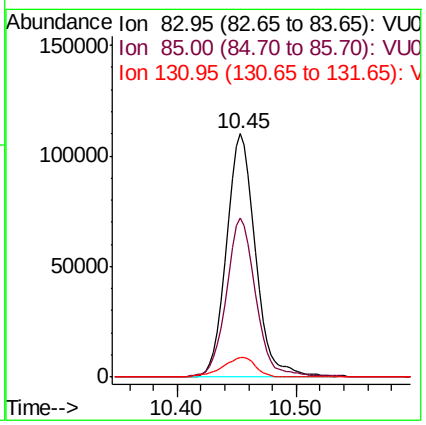


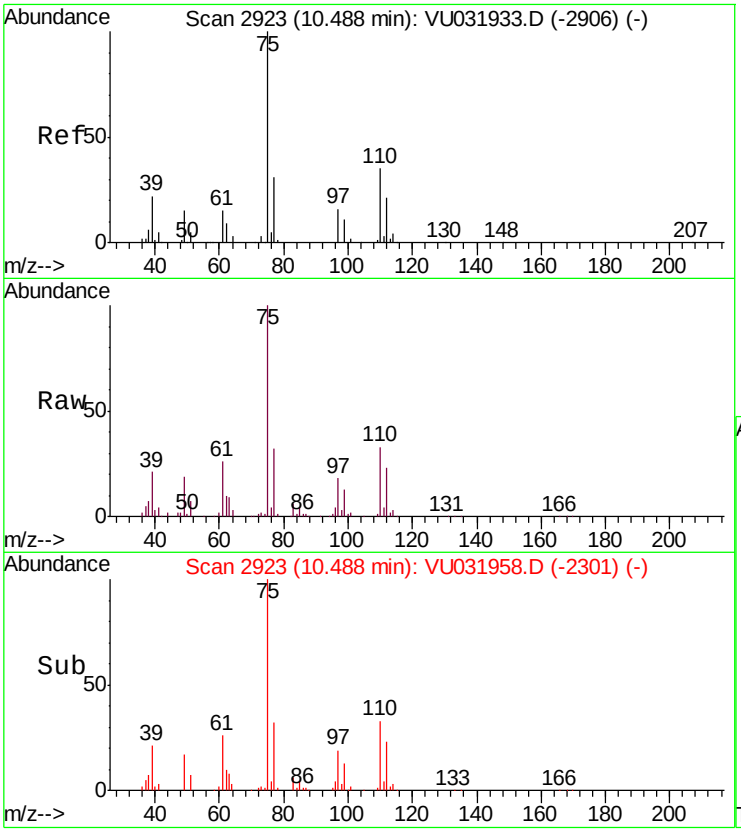


#58
1,1,2,2-Tetrachloroethane
Concen: 4.982 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 83 Resp: 186121

Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.3	82.3
131	8.0	6.0	9.0



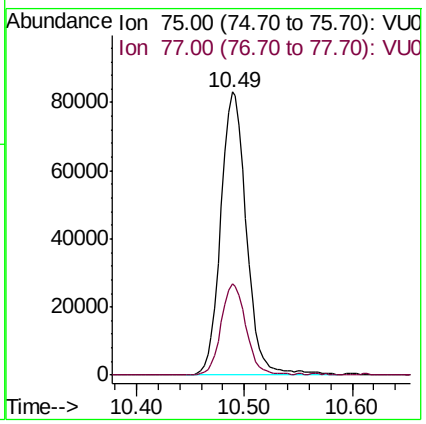


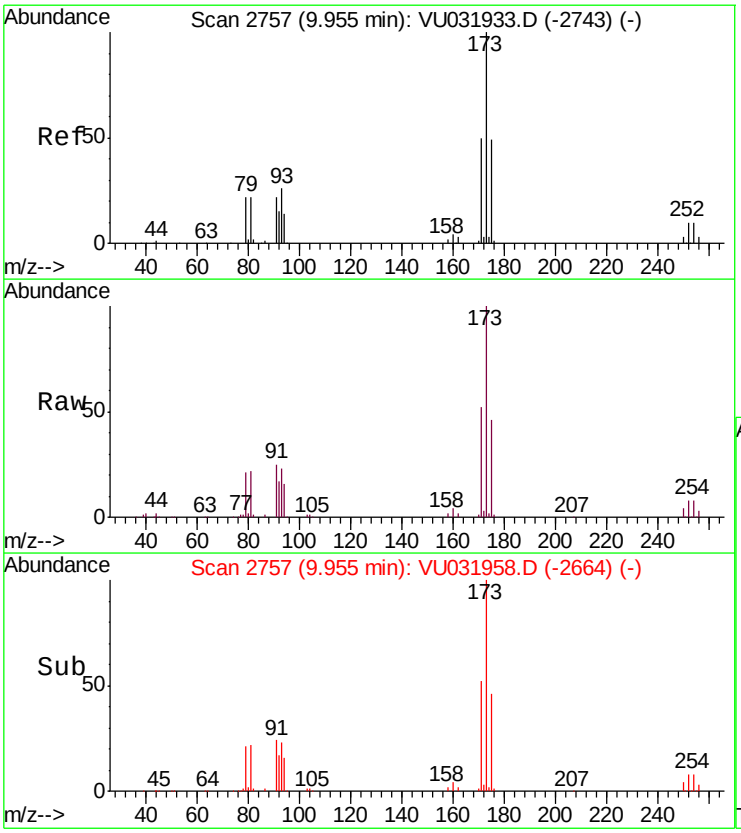
#59
1,2,3-Trichloropropane
Concen: 4.899 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 75 Resp: 136885

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.3	39.5

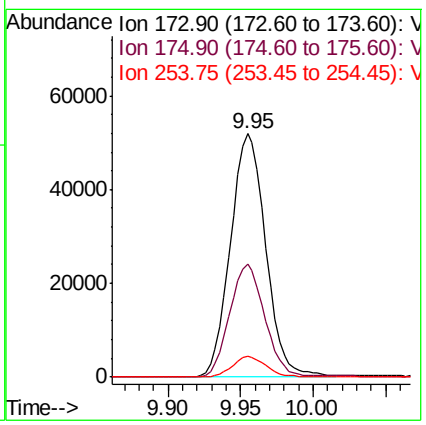


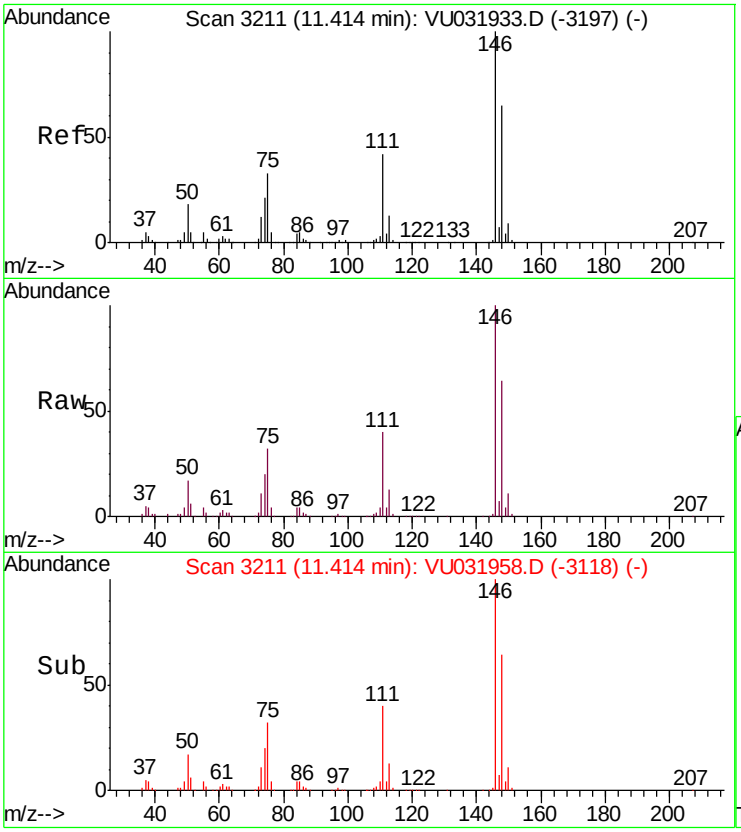


#61
Bromoform
Concen: 5.293 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:173 Resp: 88038

Ion	Ratio	Lower	Upper
173	100		
175	45.8	37.2	55.8
254	8.0	5.8	8.8



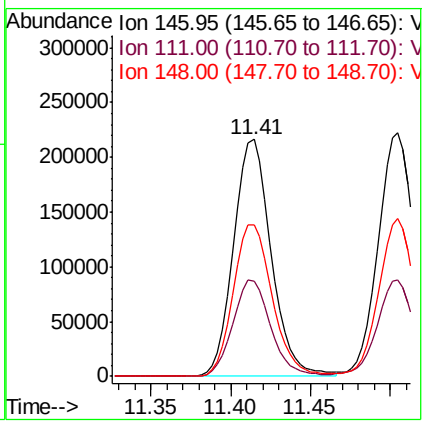


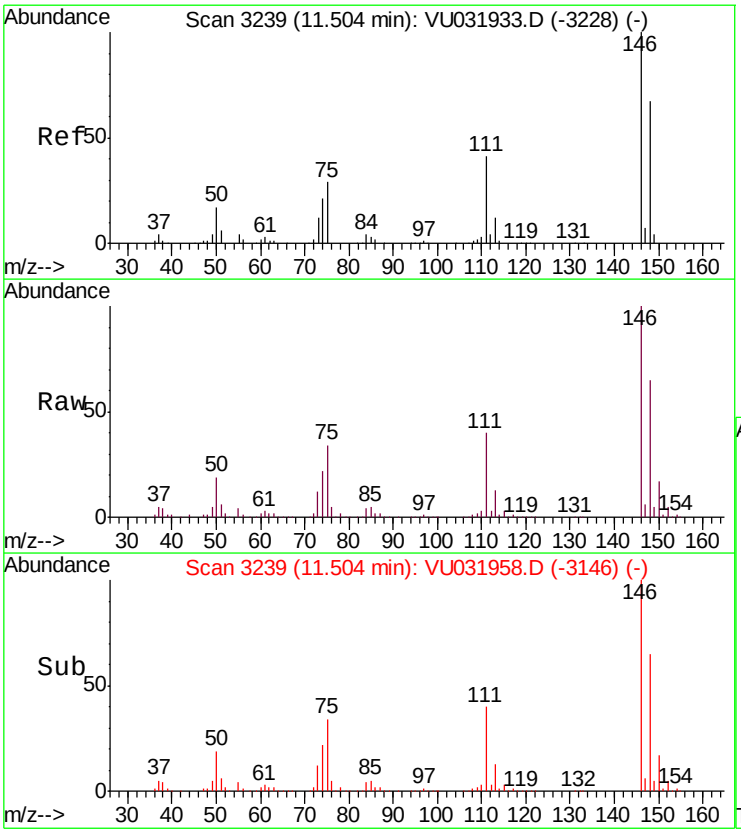
#62
1,3-Dichlorobenzene
Concen: 5.254 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Tgt Ion:146 Resp: 346804

Ion	Ratio	Lower	Upper
146	100		
111	40.4	29.4	54.6
148	64.1	44.0	81.6

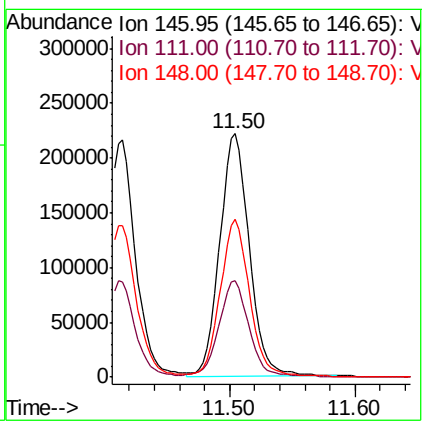


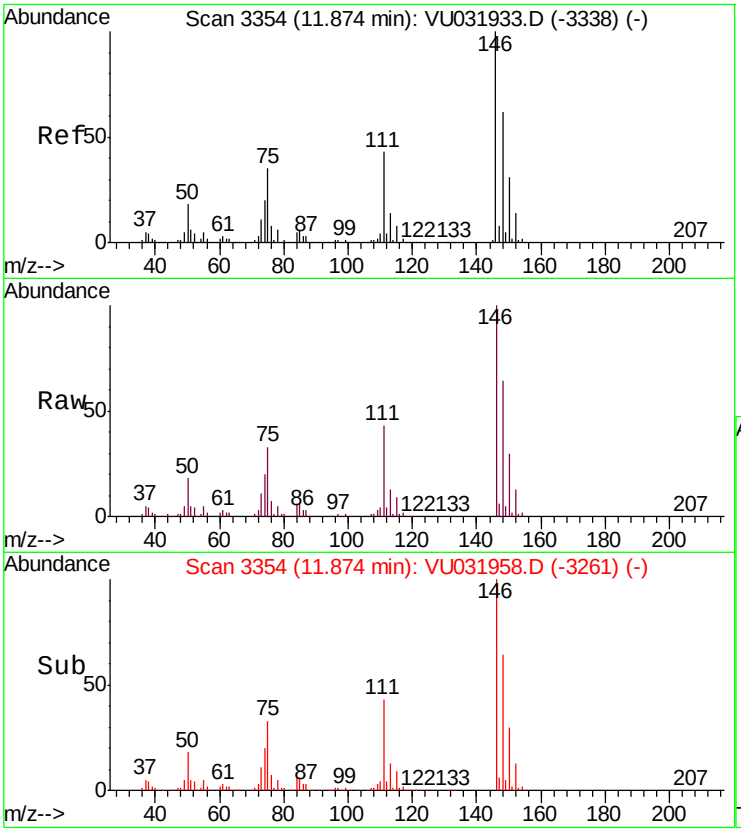


#63
1,4-Dichlorobenzene
Concen: 5.414 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:146 Resp: 362520

Ion	Ratio	Lower	Upper
146	100		
111	39.7	29.5	54.7
148	64.8	44.8	83.2



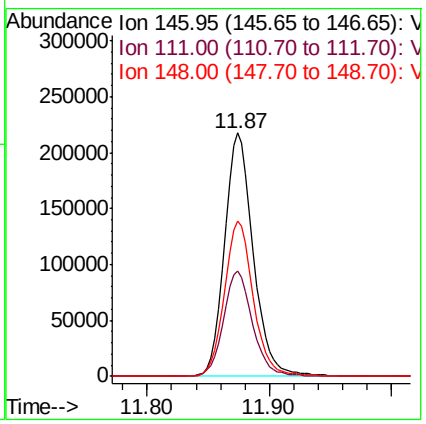


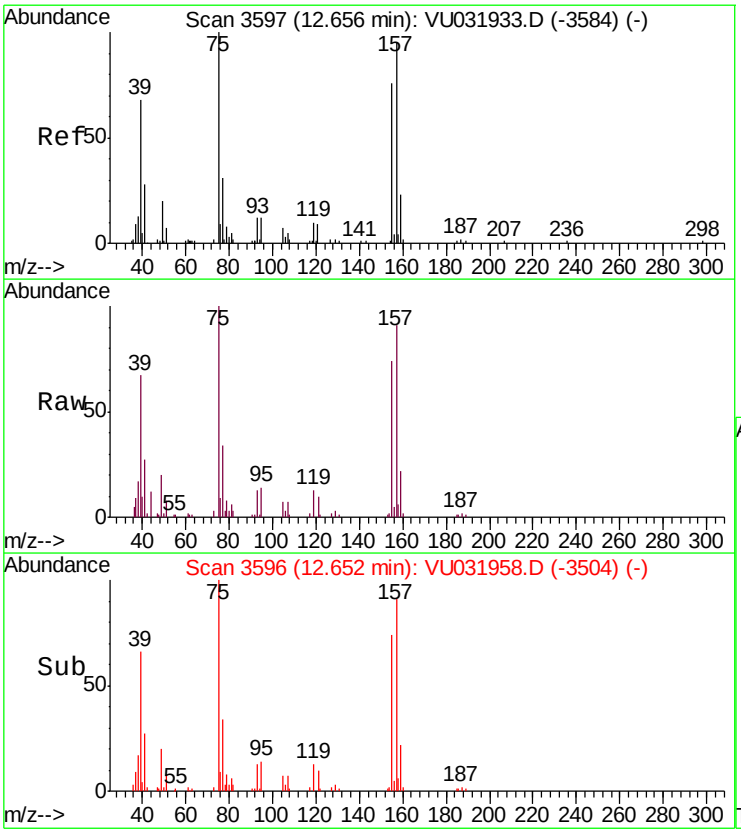
#65
1,2-Dichlorobenzene
Concen: 5.548 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion:146 Resp: 357317

Ion	Ratio	Lower	Upper
146	100		
111	43.1	37.0	55.4
148	63.6	52.2	78.4

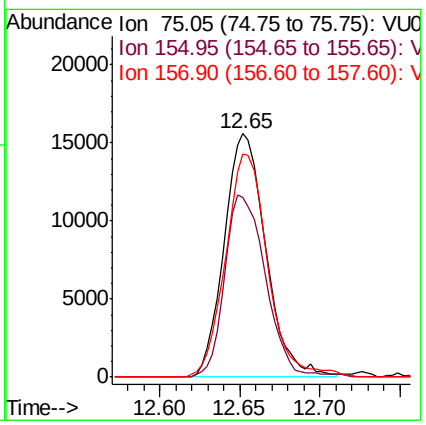


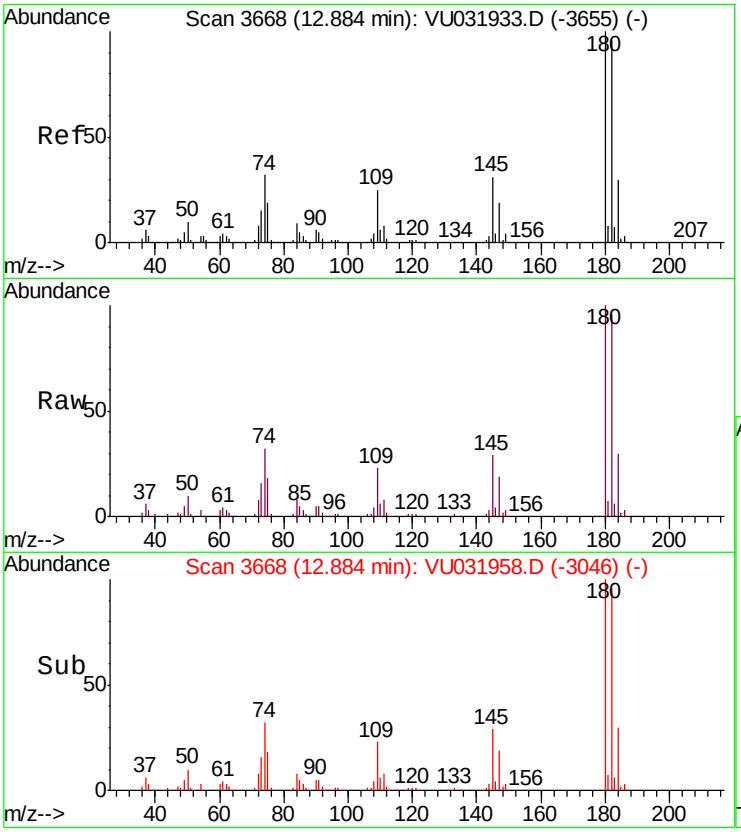


#66
1,2-Dibromo-3-chloropropane
Concen: 4.563 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion: 75 Resp: 27628

Ion	Ratio	Lower	Upper
75	100		
155	74.0	42.2	63.2#
157	91.5	54.9	82.3#



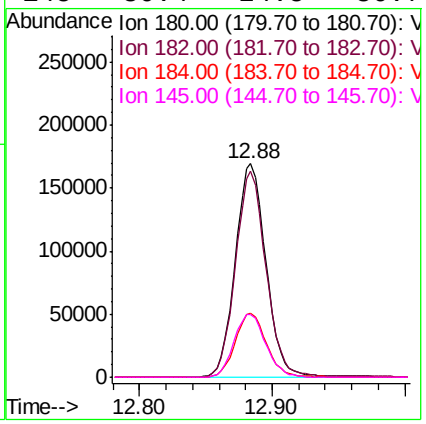


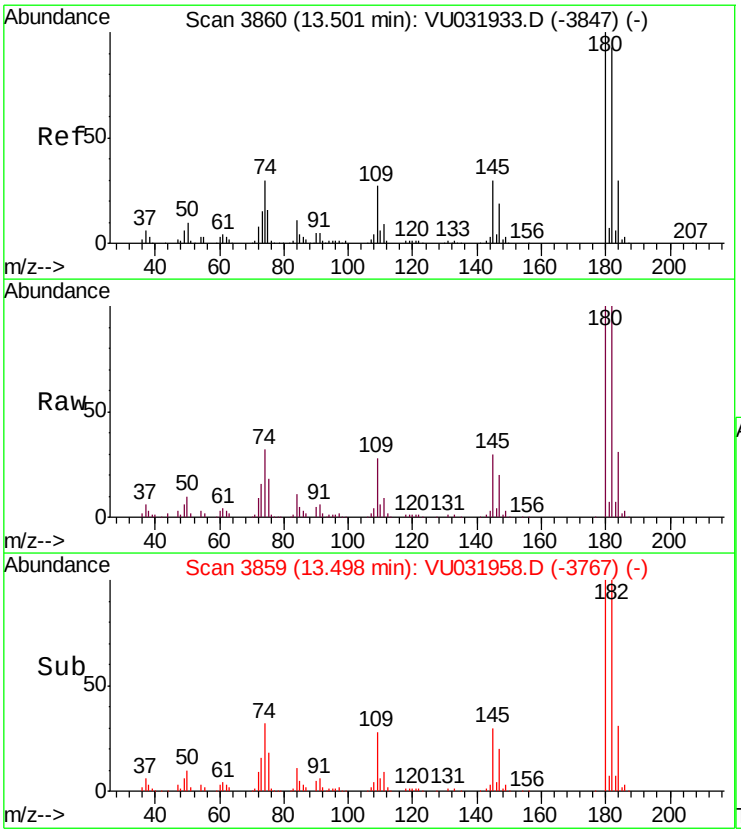
#67
1,3,5-Trichlorobenzene
Concen: 5.431 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion:180 Resp: 272403

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.4
184	30.3	24.1	36.1
145	30.4	24.5	36.7

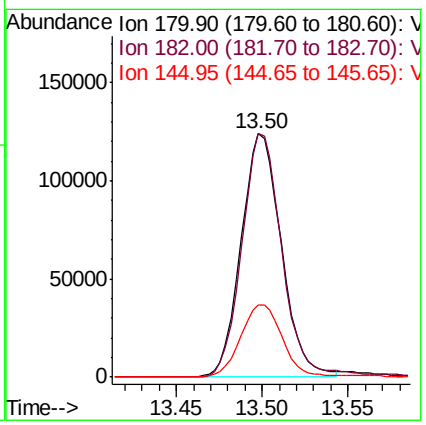


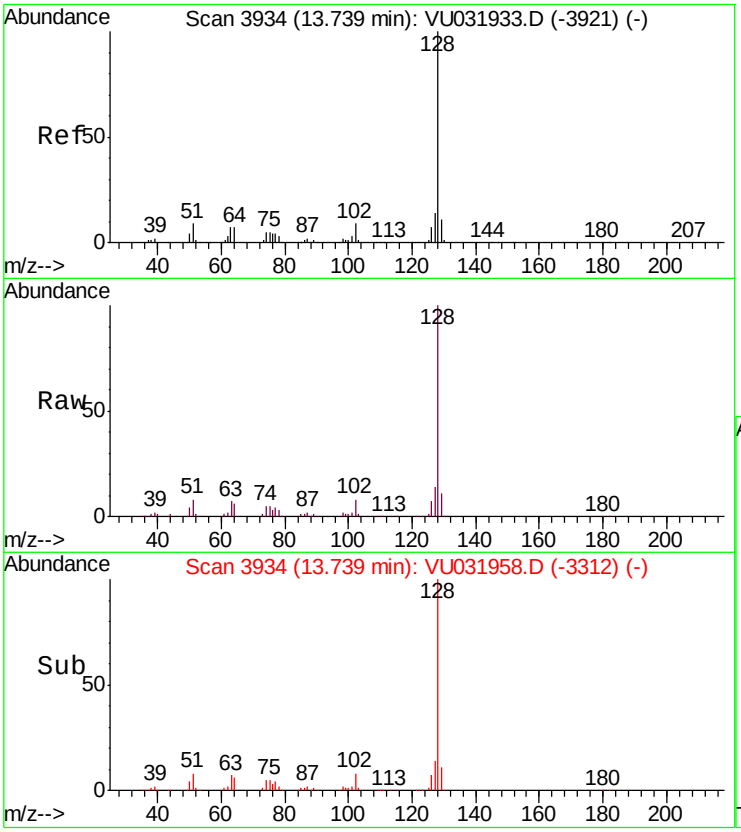


#68
1,2,4-trichlorobenzene
Concen: 5.443 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. -0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:180 Resp: 201642

Ion	Ratio	Lower	Upper
180	100		
182	100.7	74.8	112.2
145	30.9	25.4	38.2



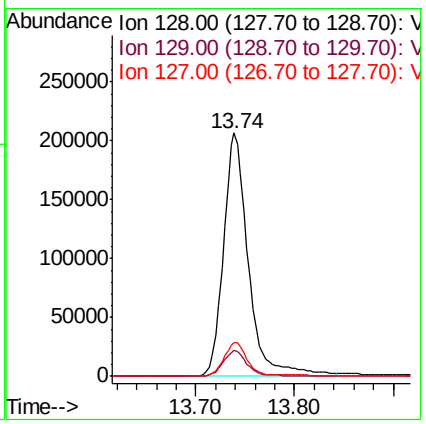


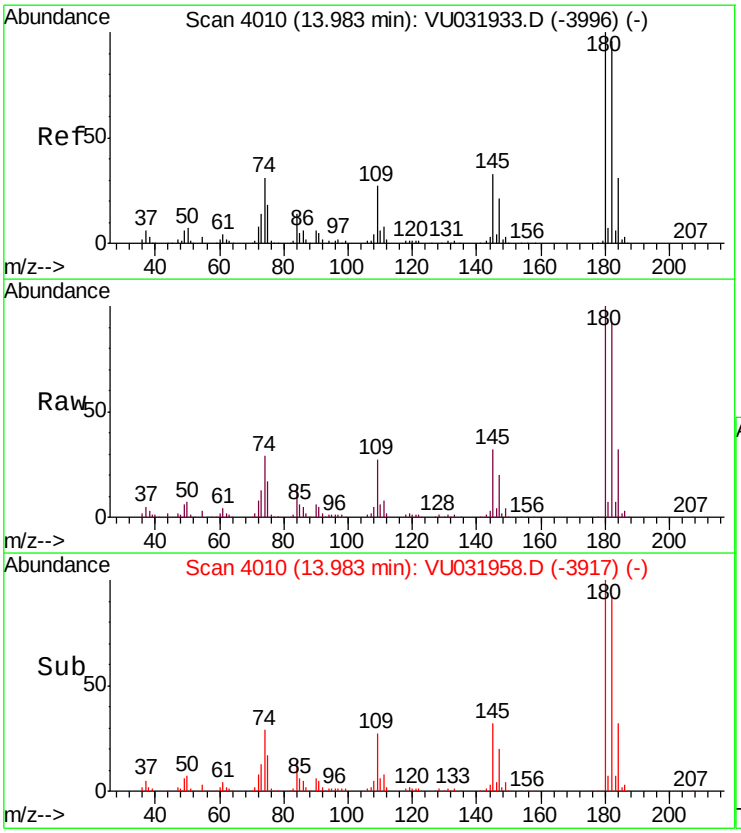
#69
Naphthalene
Concen: 5.752 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion:128 Resp: 365527

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.0	12.0
127	13.4	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 6.222 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU031958.D
Acq: 13 May 2019 09:25

Tgt Ion:180 Resp: 214583

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.4	117.6
145	32.6	27.4	41.0