Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050819\

Quantitation Report (Not Reviewed)

Data File : VU031837.D
Acq On : 08 May 2019 21:51
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: May 09 05:37:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	410575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414318	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181377	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	127720	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.67	69	114770	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.27	63	273810	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.80%			
20) 2-Butanone-d5	4.19	46	510838	46.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.52%			
24) Chloroform-d	4.64	84	271824	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.31	65	147512	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
32) Benzene-d6	5.33	84	504895	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.32	67	177864	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.56	98	436952	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
43) trans-1,3-Dichloropropene-	7.85	79	59399	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.31	63	362885	52.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.00%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148335	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	155377	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	203092	4.297	ug/L	98
3) Chloromethane	1.32	50	250048	4.439	ug/L	98
5) Vinyl chloride	1.40	62	235982	4.792	ug/L	99
6) Bromomethane	1.62	94	109401	4.840	ug/L	96
8) Chloroethane	1.69	64	132452	4.884	ug/L	98
9) Trichlorofluoromethane	1.88	101	260682	4.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	145406	4.906	ug/L	96
12) 1,1-Dichloroethene	2.28	96	142814	5.117	ug/L	85
13) Acetone	2.32	43	331555	44.434	ug/L	93
14) Carbon disulfide	2.47	76	472653	4.811	ug/L	100
15) Methyl Acetate	2.62	43	91173	4.736	ug/L	96
16) Methylene chloride	2.69	84	173726	4.486	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	413407	4.972	ug/L	95
18) trans-1,2-Dichloroethene	2.97	96	152259	5.062	ug/L	92
19) 1,1-Dichloroethane	3.43	63	340162	4.598	ug/L	98
21) 2-Butanone	4.27	43	564426	45.266	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	172530	4.775	ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050819\

Quantitation Report (Not Reviewed)

Data File : VU031837.D
Acq On : 08 May 2019 21:51
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: May 09 05:37:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	72875	5.026	ug/L		81
25) Chloroform	4.67	83	322889	4.435	ug/L		98
27) 1,2-Dichloroethane	5.40	62	207486	4.318	ug/L		96
29) 1,1,1-Trichloroethane	4.90	97	248550	4.377	ug/L		98
30) Cyclohexane	4.98	56	281570	4.528	ug/L		96
31) Carbon tetrachloride	5.12	117	216454	4.477	ug/L		100
33) Benzene	5.38	78	708356	4.903	ug/L		100
34) Trichloroethene	6.18	95	171412	4.706	ug/L		96
35) Methylcyclohexane	6.41	83	240993	4.606	ug/L		97
37) 1,2-Dichloropropane	6.43	63	196829	4.761	ug/L		99
38) Bromodichloromethane	6.75	83	220773	4.483	ug/L		93
39) cis-1,3-Dichloropropene	7.27	75	235383	4.543	ug/L		100
40) 4-Methyl-2-pentanone	7.46	43	1313098	47.193	ug/L		97
42) Toluene	7.63	91	736743	5.165	ug/L		96
44) trans-1,3-Dichloropropene	7.88	75	189322	4.614	ug/L		97
45) 1,1,2-Trichloroethane	8.06	97	125282	5.115	ug/L		96
47) Tetrachloroethene	8.22	164	114134	4.819	ug/L		94
48) 2-Hexanone	8.36	43	975365	49.322	ug/L		97
49) Dibromochloromethane	8.47	129	136704	4.798	ug/L		96
50) 1,2-Dibromoethane	8.58	107	112769	5.059	ug/L		97
51) Chlorobenzene	9.12	112	418651	4.938	ug/L		95
52) Ethylbenzene	9.24	91	726156	4.880	ug/L		96
53) m,p-Xylene	9.37	106	273771	5.169	ug/L		100
54) o-Xylene	9.77	106	263052	5.193	ug/L		96
55) Styrene	9.79	104	461078	5.304	ug/L		97
56) Isopropylbenzene	10.16	105	691678	5.100	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.45	83	160406	4.903	ug/L		99
59) 1,2,3-Trichloropropane	10.49	75	114935	4.697	ug/L		96
61) Bromoform	9.95	173	73236	5.047	ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	291371	5.059	ug/L		98
63) 1,4-Dichlorobenzene	11.50	146	305307	5.226	ug/L		97
65) 1,2-Dichlorobenzene	11.87	146	300678	5.351	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.66	75	25441	4.816	ug/L	#	64
67) 1,3,5-Trichlorobenzene	12.88	180	223881	5.116	ug/L		97
68) 1,2,4-trichlorobenzene	13.50	180	172037	5.322	ug/L		99
69) Naphthalene	13.74	128	289404	5.220	ug/L		98
70) 1,2,3-Trichlorobenzene	13.98	180	174979	5.815	ug/L		96

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

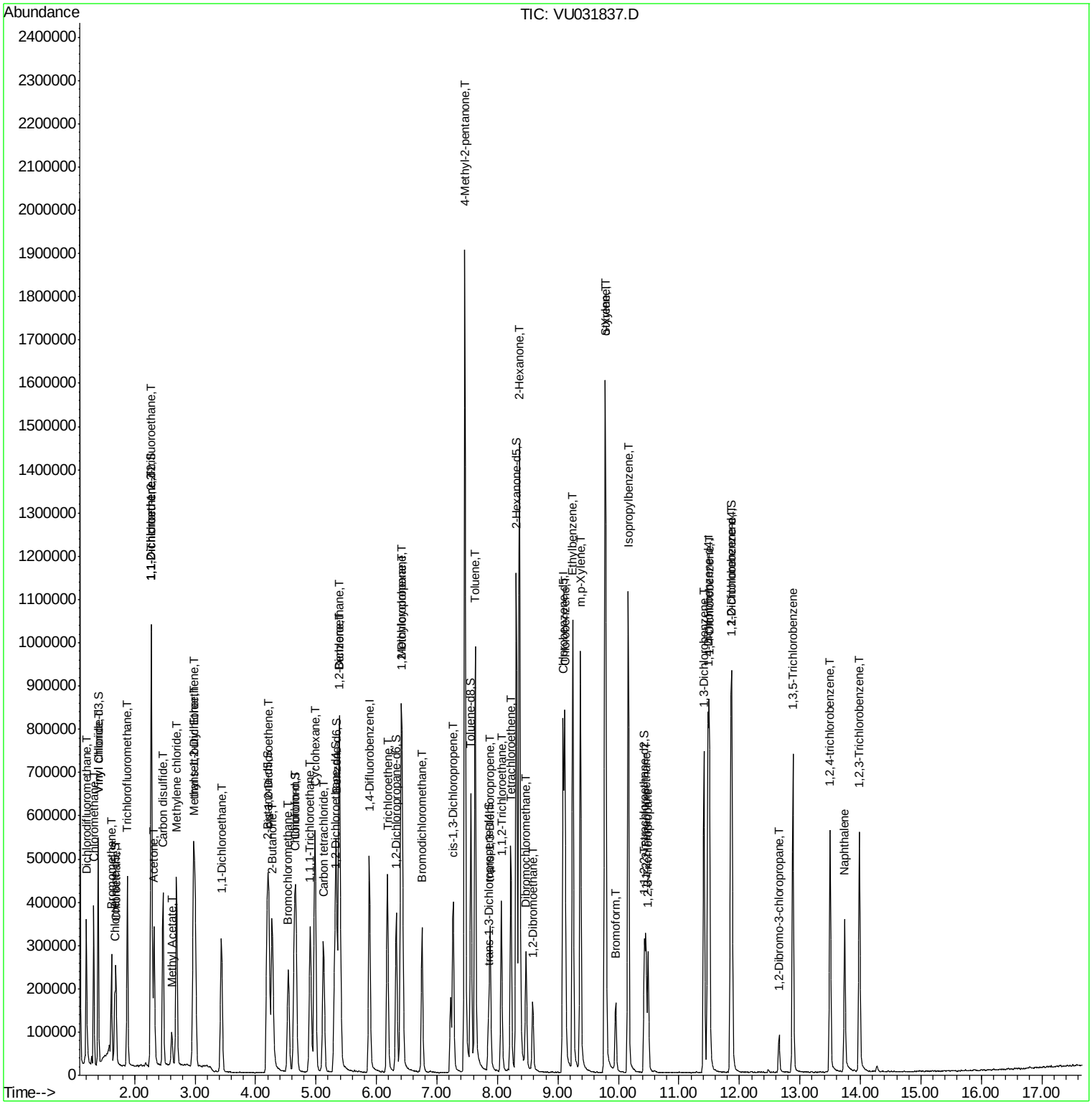
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050819\

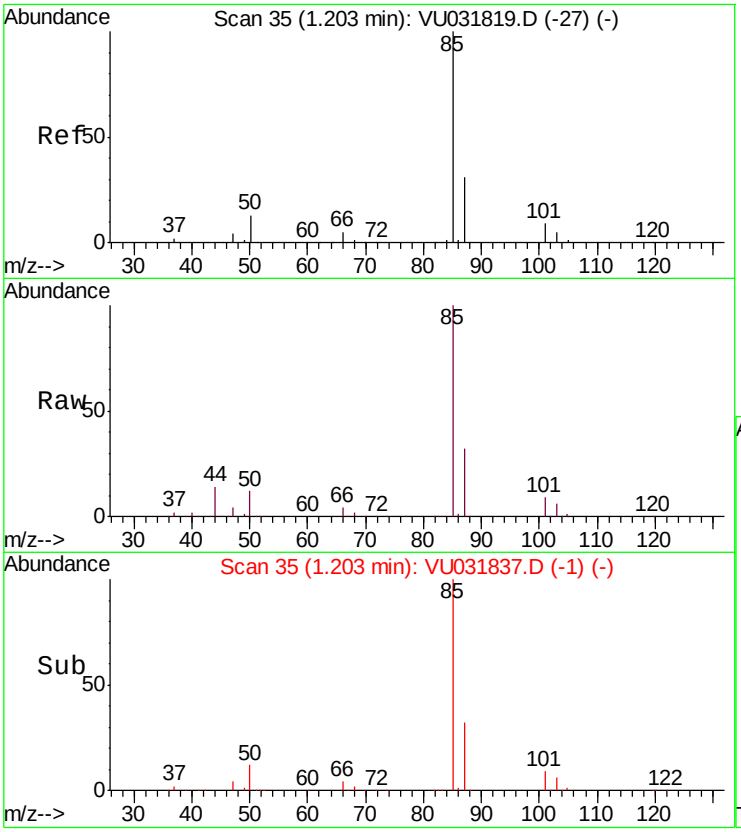
Quantitation Report (Not Reviewed)

Data File : VU031837.D
Acq On : 08 May 2019 21:51
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Quant Time: May 09 05:37:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration



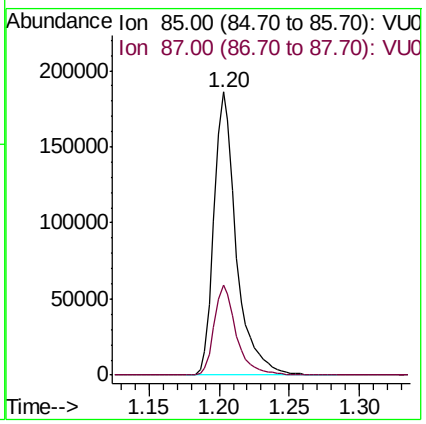


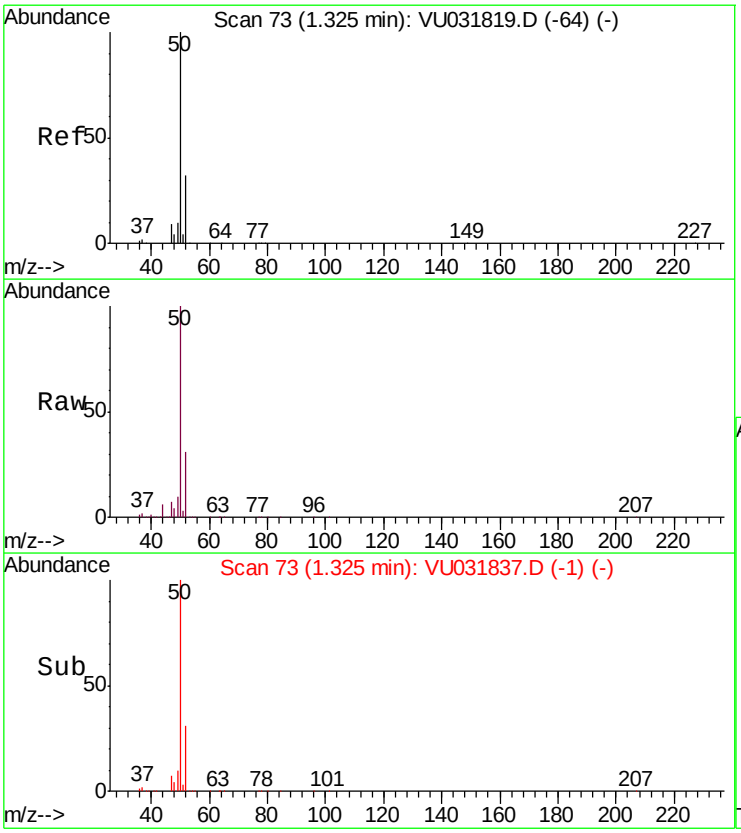
#2
Dichlorodifluoromethane
Concen: 4.297 ug/L
RT: 1.20 min Scan# 35
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 85 Resp: 203092

Ion	Ratio	Lower	Upper
85	100		
87	31.5	26.2	39.4

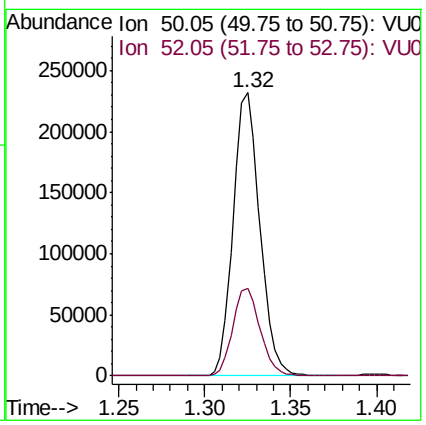


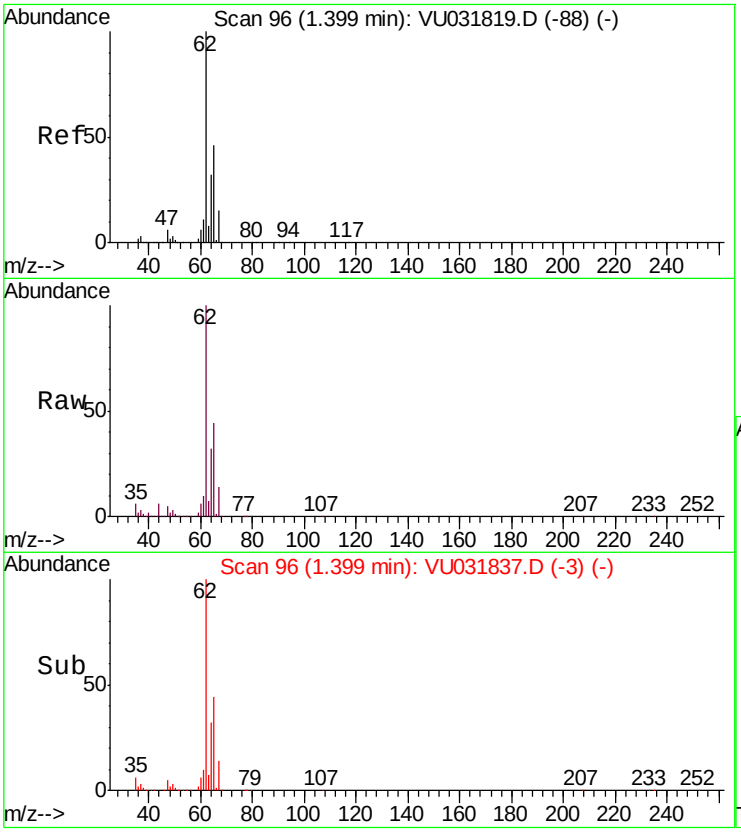


#3
Chloromethane
Concen: 4.439 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 50 Resp: 250048

Ion	Ratio	Lower	Upper
50	100		
52	31.0	22.5	41.7



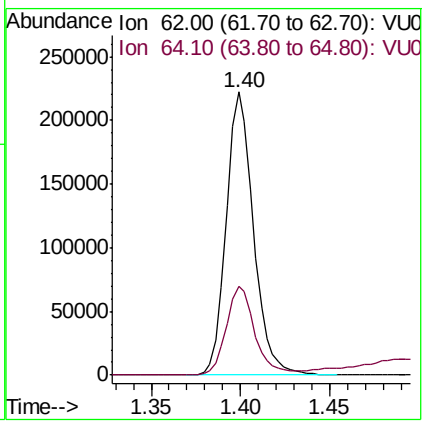


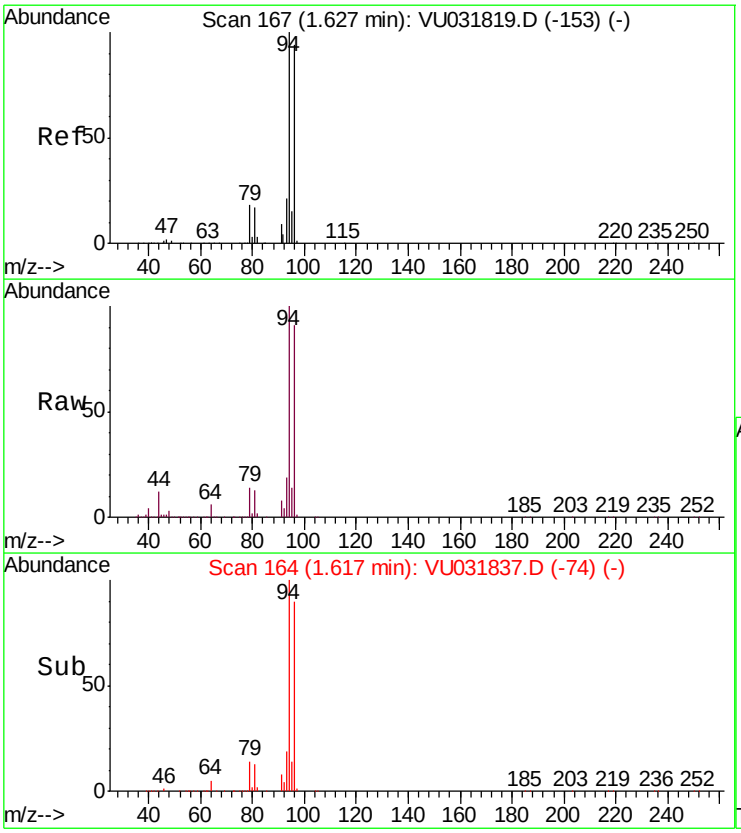
#5
Vinyl chloride
Concen: 4.792 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 62 Resp: 235982

Ion	Ratio	Lower	Upper
62	100		
64	31.6	22.5	41.9

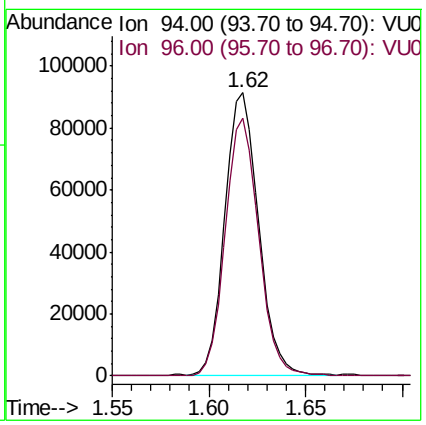


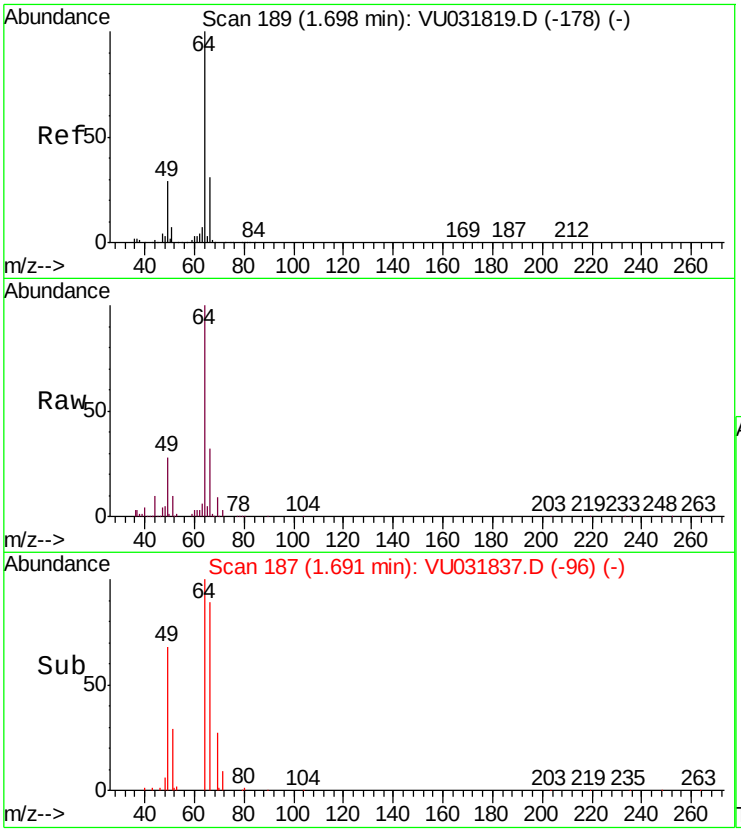


#6
Bromomethane
Concen: 4.840 ug/L
RT: 1.62 min Scan# 164
Delta R.T. -0.01 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 94 Resp: 109401

Ion	Ratio	Lower	Upper
94	100		
96	90.9	66.1	122.8



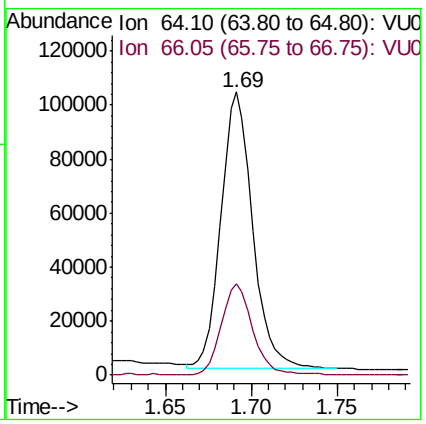


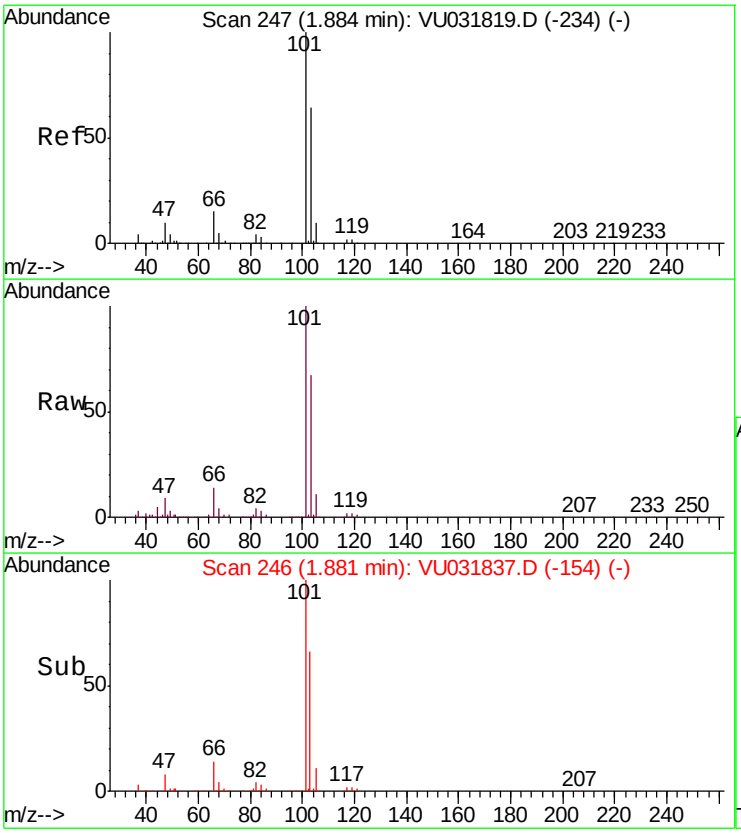
#8
Chloroethane
Concen: 4.884 ug/L
RT: 1.69 min Scan# 187
Delta R.T. -0.01 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 64 Resp: 132452

Ion	Ratio	Lower	Upper
64	100		
66	32.3	21.9	40.7

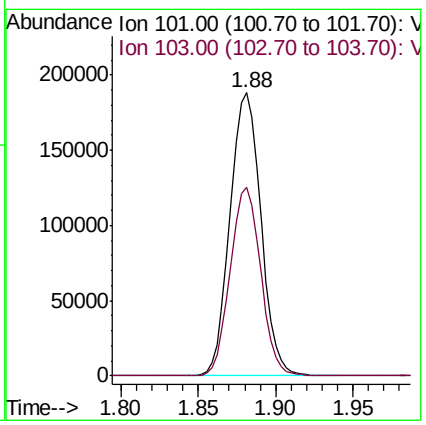


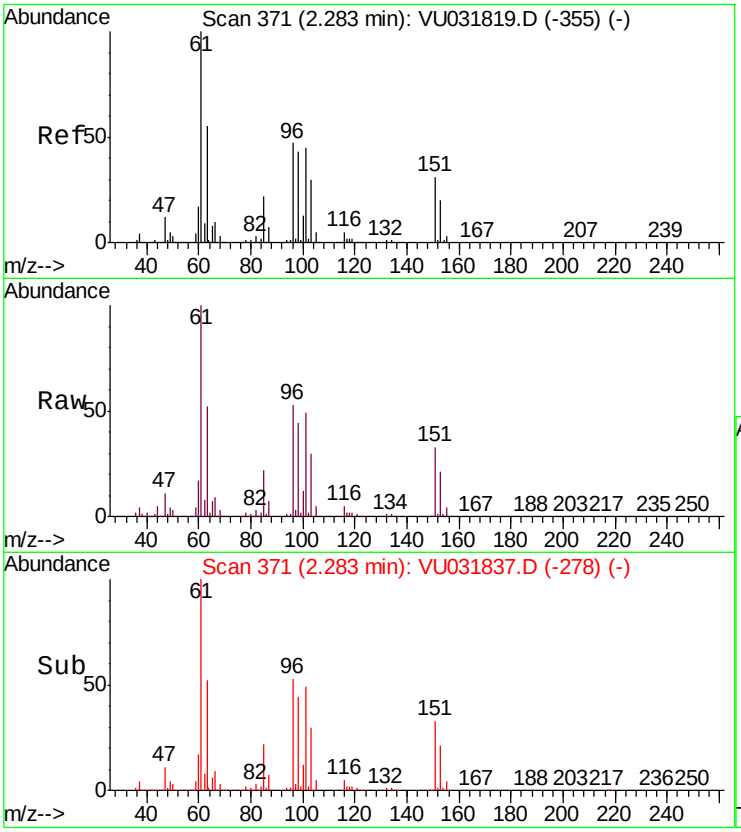


#9
Trichlorofluoromethane
Concen: 4.577 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:101 Resp: 260682

Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.1	78.1



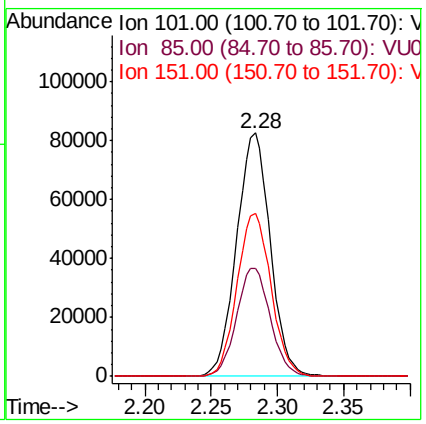


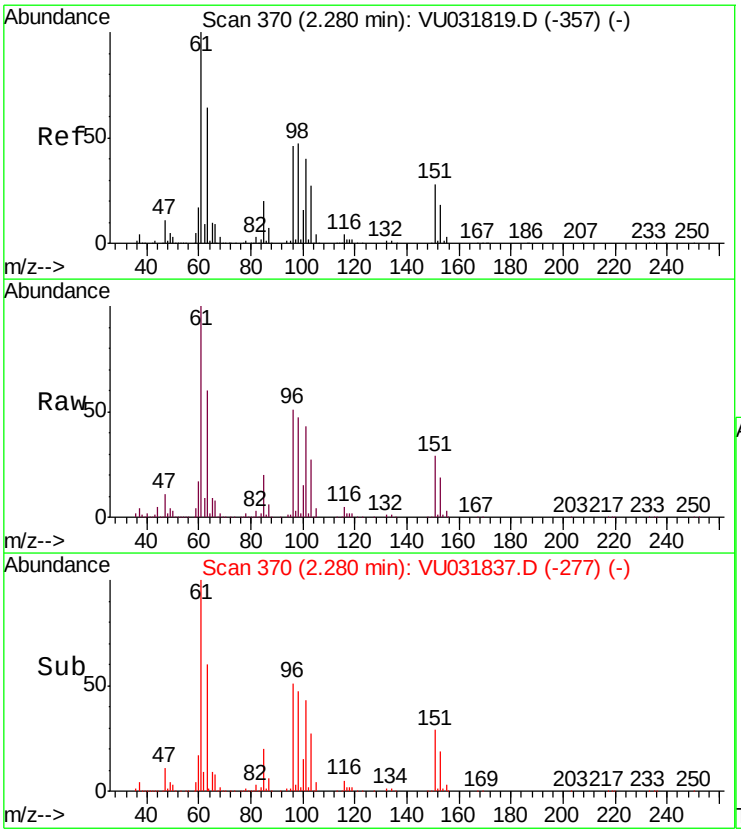
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.906 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion:101 Resp: 145406

Ion	Ratio	Lower	Upper
101	100		
85	44.5	40.0	60.0
151	67.7	54.6	82.0

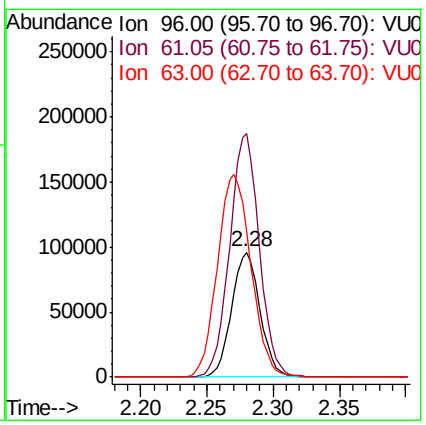


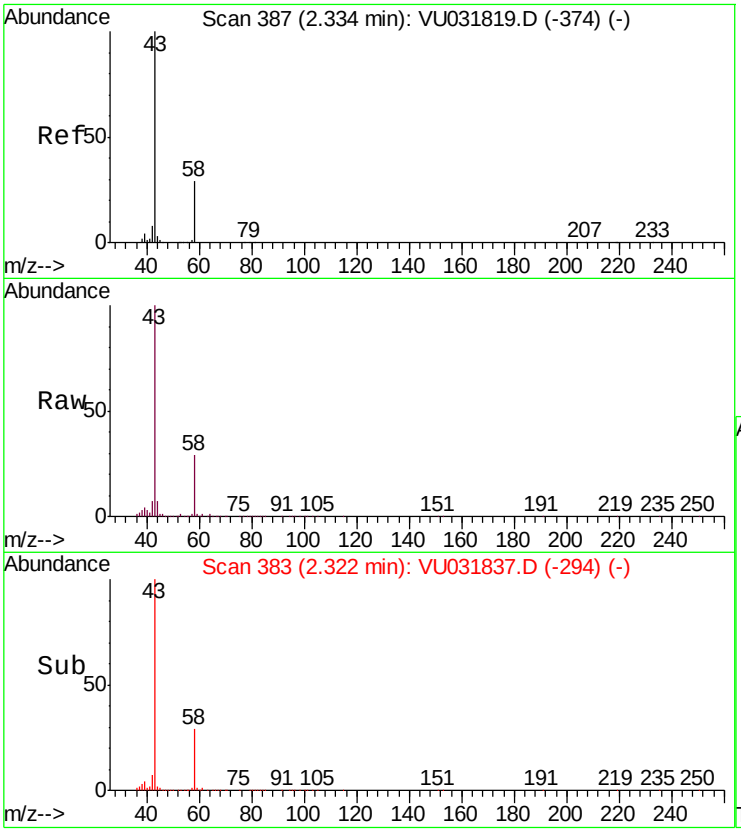


#12
1,1-Dichloroethene
Concen: 5.117 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 96 Resp: 142814

Ion	Ratio	Lower	Upper
96	100		
61	195.4	149.0	276.6
63	117.9	99.8	185.4



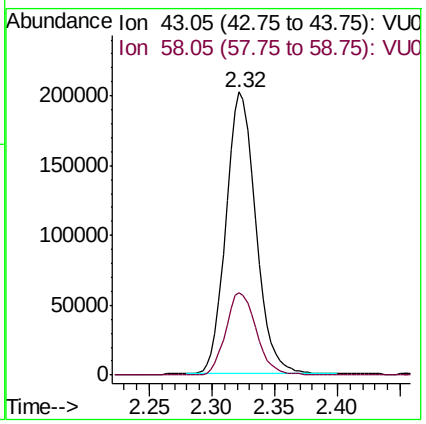


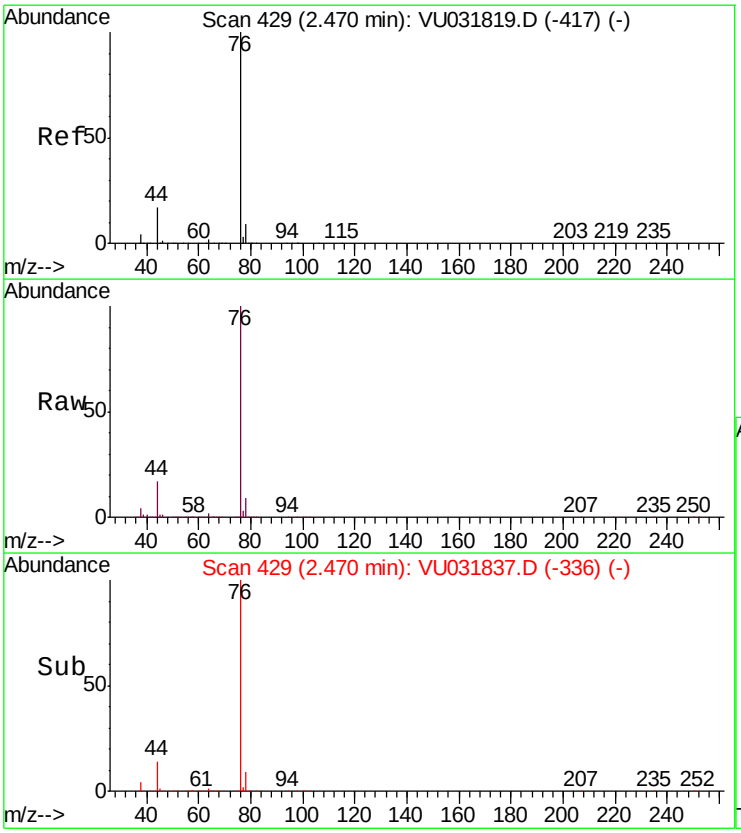
#13
Acetone
Concen: 44.434 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 43 Resp: 331555

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	53.6

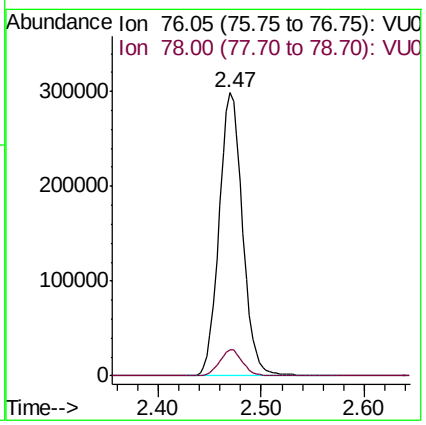


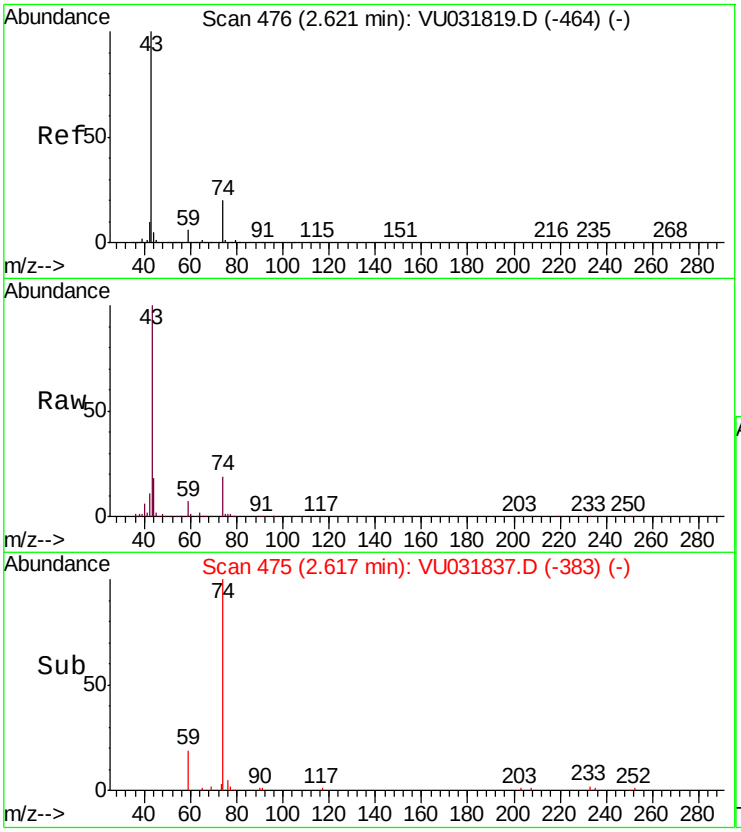


#14
Carbon disulfide
Concen: 4.811 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 76 Resp: 472653

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3



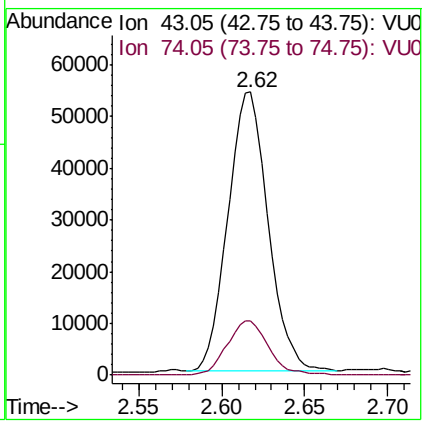


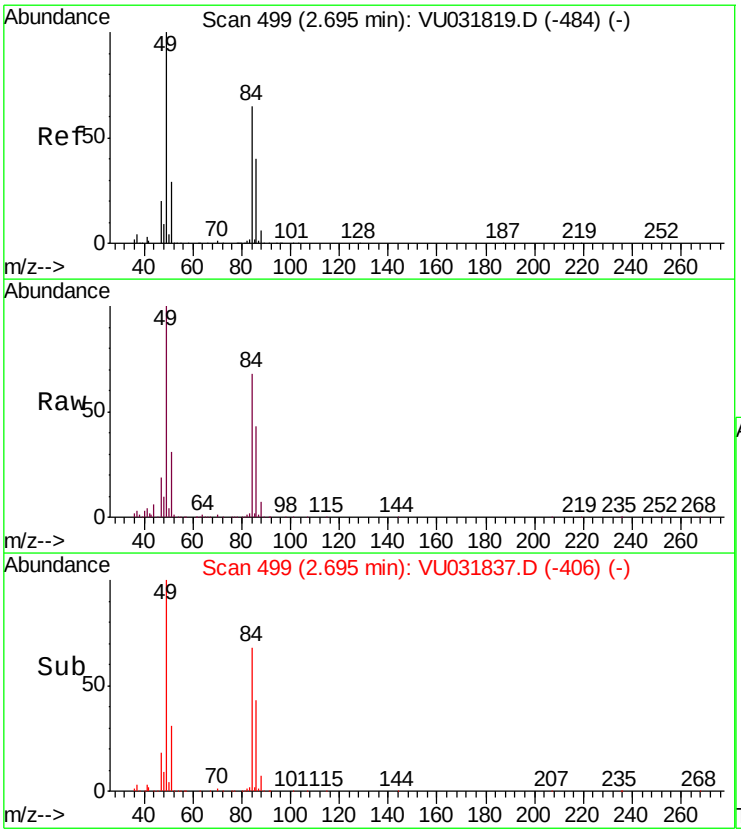
#15
Methyl Acetate
Concen: 4.736 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Tgt Ion: 43 Resp: 91173

Ion	Ratio	Lower	Upper
43	100		
74	20.1	14.7	22.1

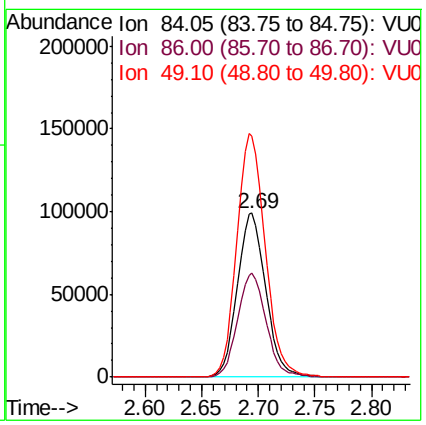


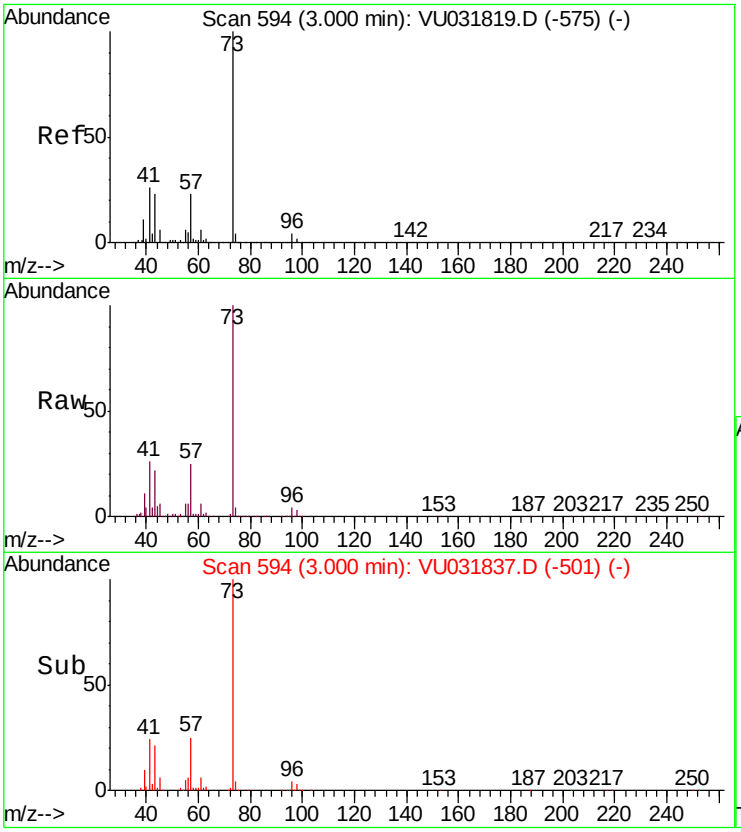


#16
Methylene chloride
Concen: 4.486 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 84 Resp: 173726

Ion	Ratio	Lower	Upper
84	100		
86	63.1	45.6	84.8
49	147.0	106.7	198.1



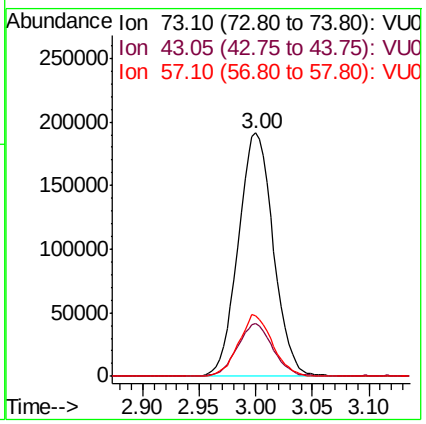


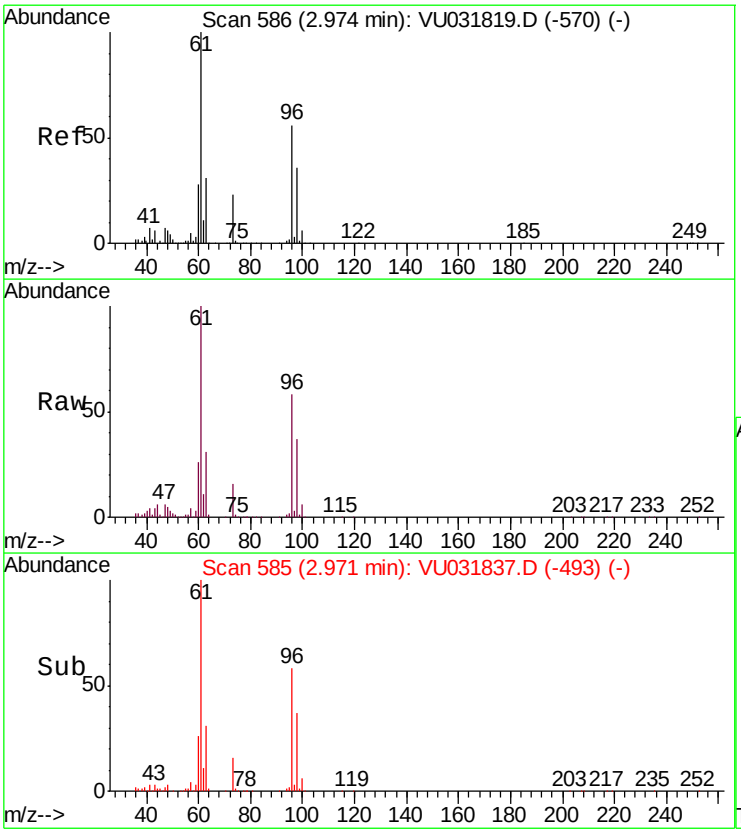
#17
Methyl tert-butyl Ether
Concen: 4.972 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Tgt Ion: 73 Resp: 413407

Ion	Ratio	Lower	Upper
73	100		
43	21.2	20.5	30.7
57	24.4	19.9	29.9

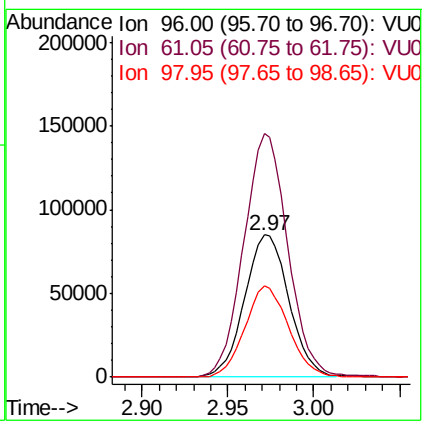


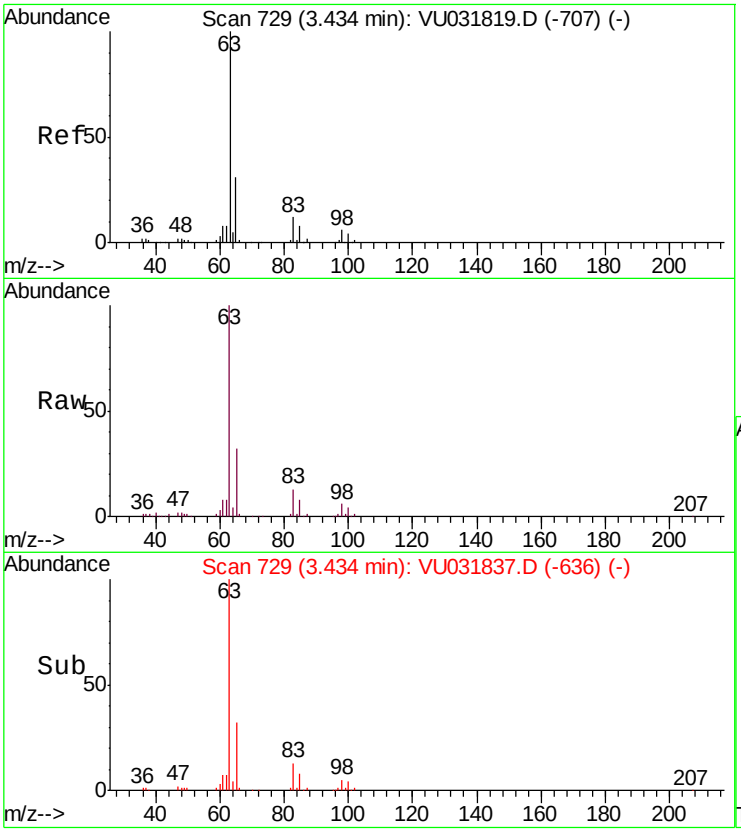


#18
trans-1,2-Dichloroethene
Concen: 5.062 ug/L
RT: 2.97 min Scan# 585
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 96 Resp: 152259

Ion	Ratio	Lower	Upper
96	100		
61	171.6	130.9	243.1
98	64.2	46.2	85.8



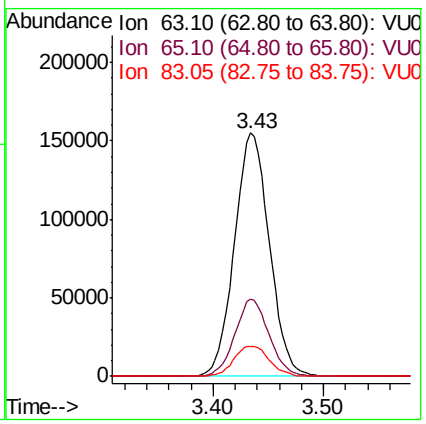


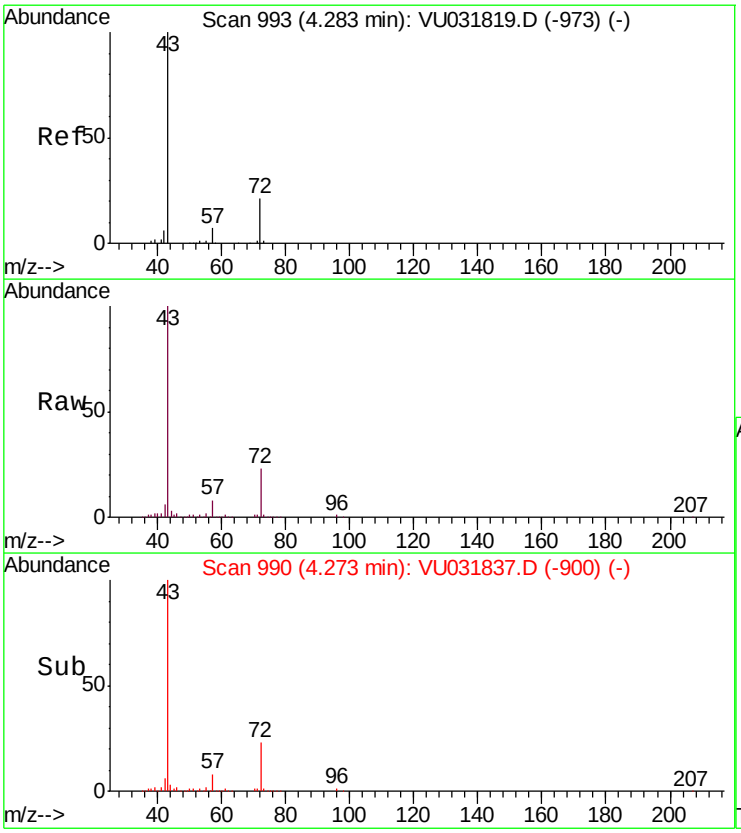
#19
1,1-Dichloroethane
Concen: 4.598 ug/L
RT: 3.43 min Scan# 729
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Tgt Ion: 63 Resp: 340162

Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.8	40.4
83	12.5	7.9	14.7

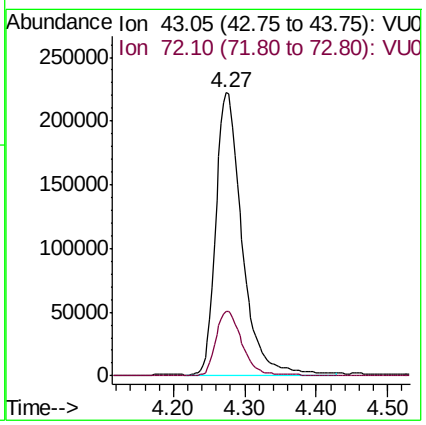


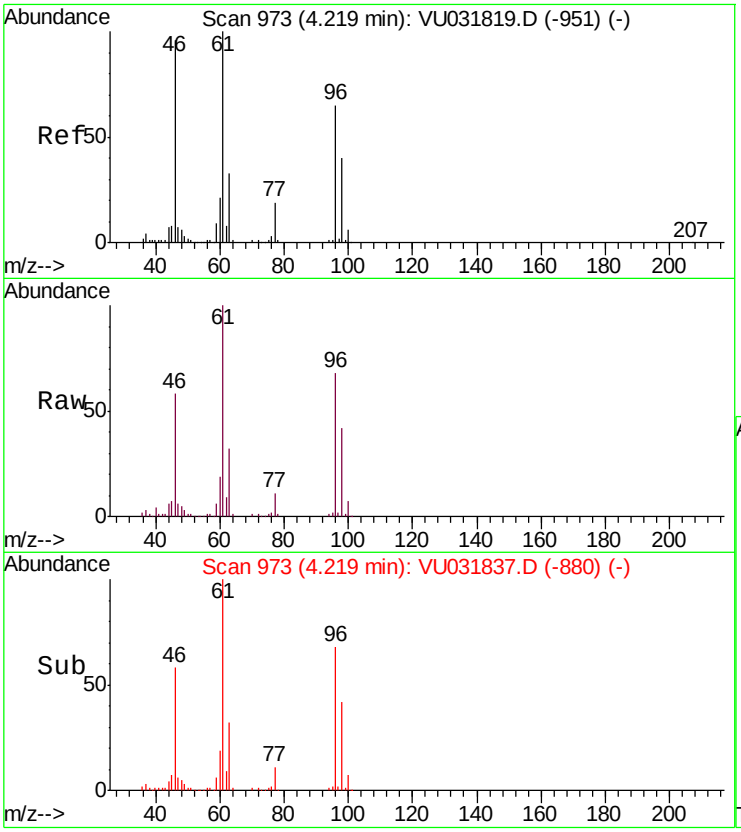


#21
2-Butanone
Concen: 45.266 ug/L
RT: 4.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 43 Resp: 564426

Ion	Ratio	Lower	Upper
43	100		
72	22.2	10.4	31.1



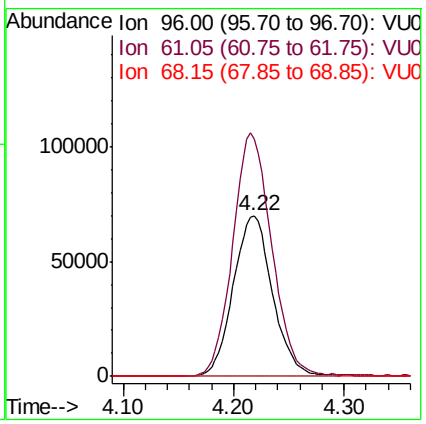


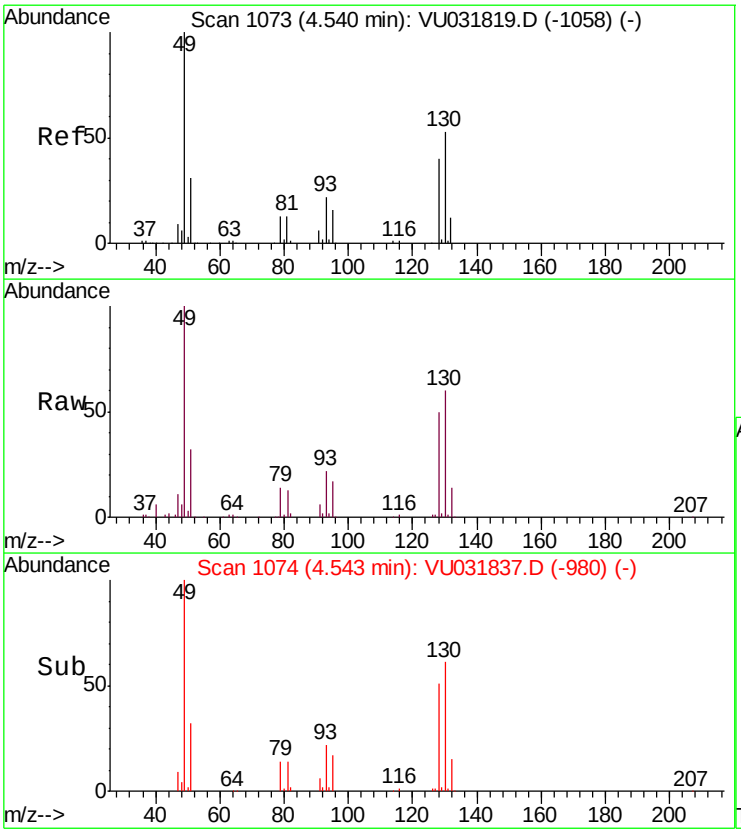
#22
cis-1,2-Dichloroethene
Concen: 4.775 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 96 Resp: 172530

Ion	Ratio	Lower	Upper
96	100		
61	147.6	113.3	210.5
68	0.0	0.0	0.0

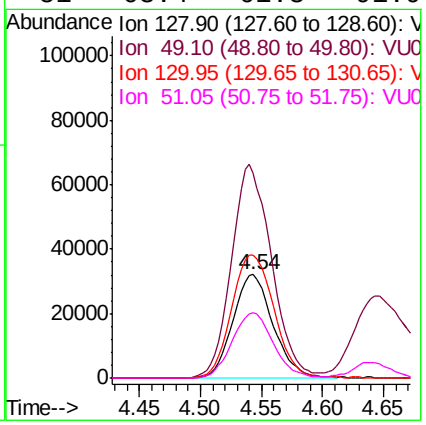


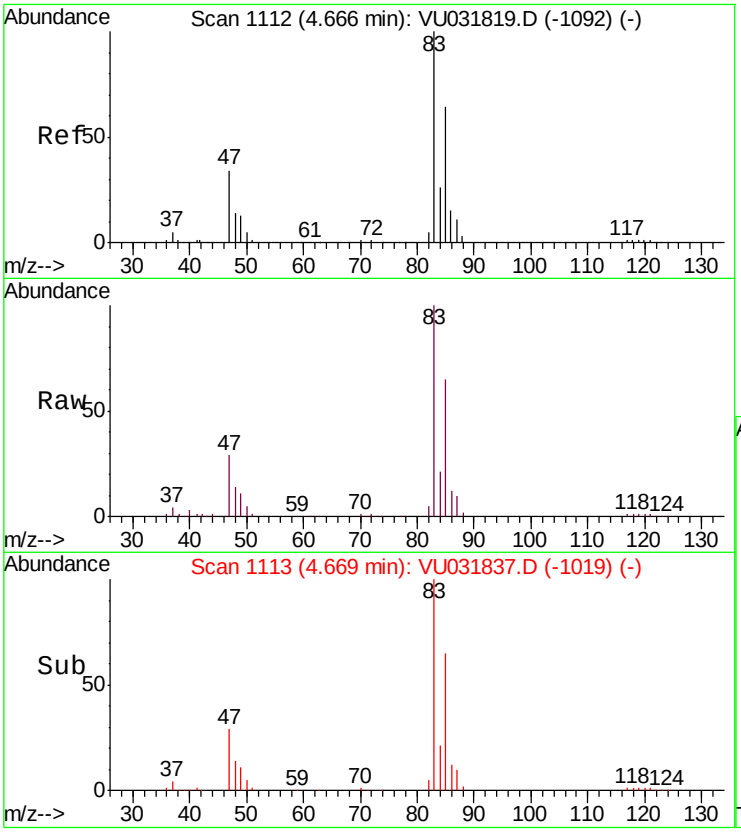


#23
Bromochloromethane
Concen: 5.026 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:128 Resp: 72875

Ion	Ratio	Lower	Upper
128	100		
49	199.0	168.8	313.4
130	119.6	93.0	172.8
51	63.4	61.3	91.9



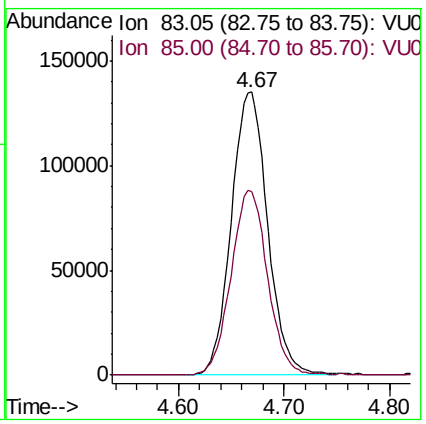


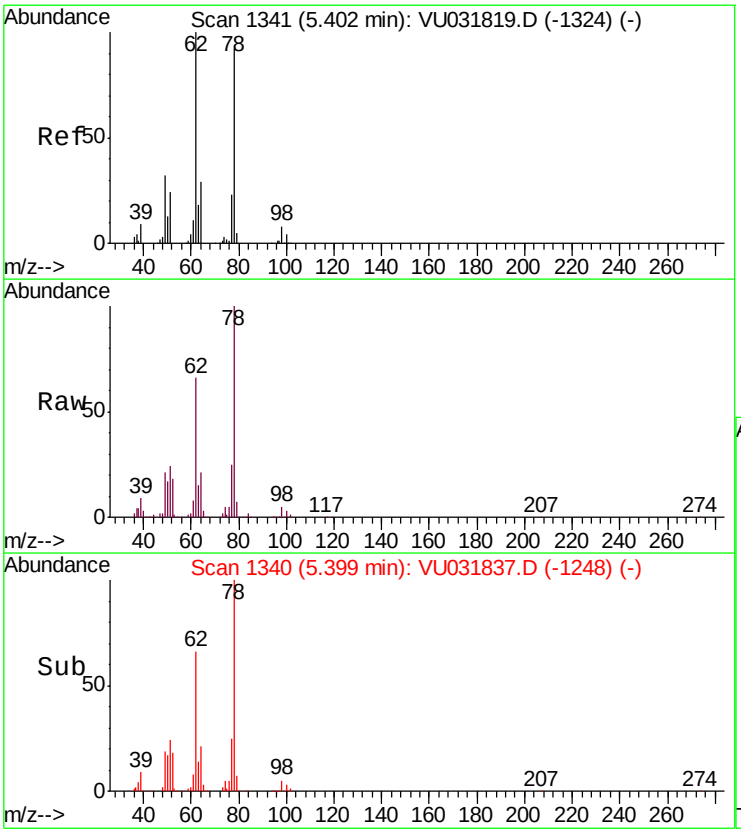
#25
Chloroform
Concen: 4.435 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 83 Resp: 322889

Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.4	82.5

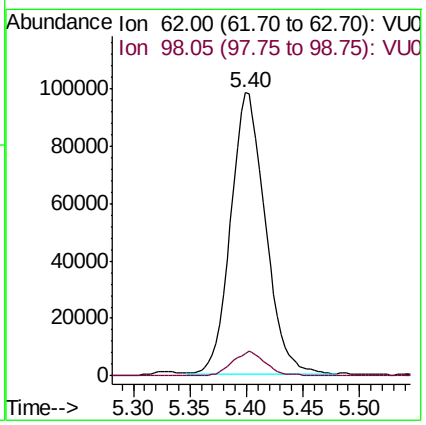


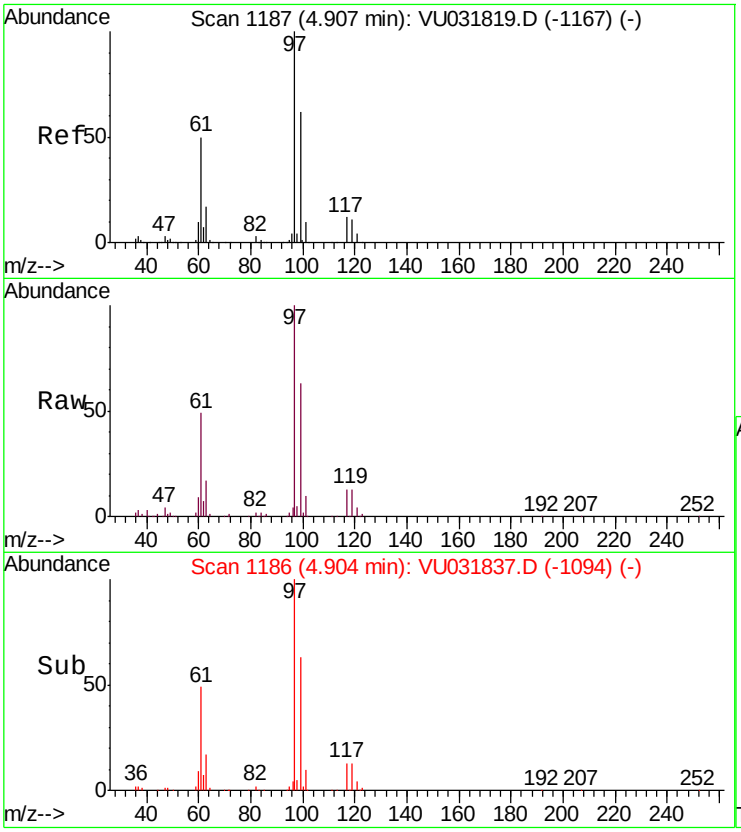


#27
1,2-Dichloroethane
Concen: 4.318 ug/L
RT: 5.40 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 62 Resp: 207486

Ion	Ratio	Lower	Upper
62	100		
98	8.0	5.4	8.2



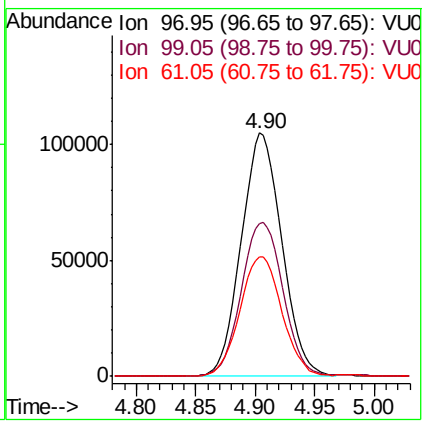


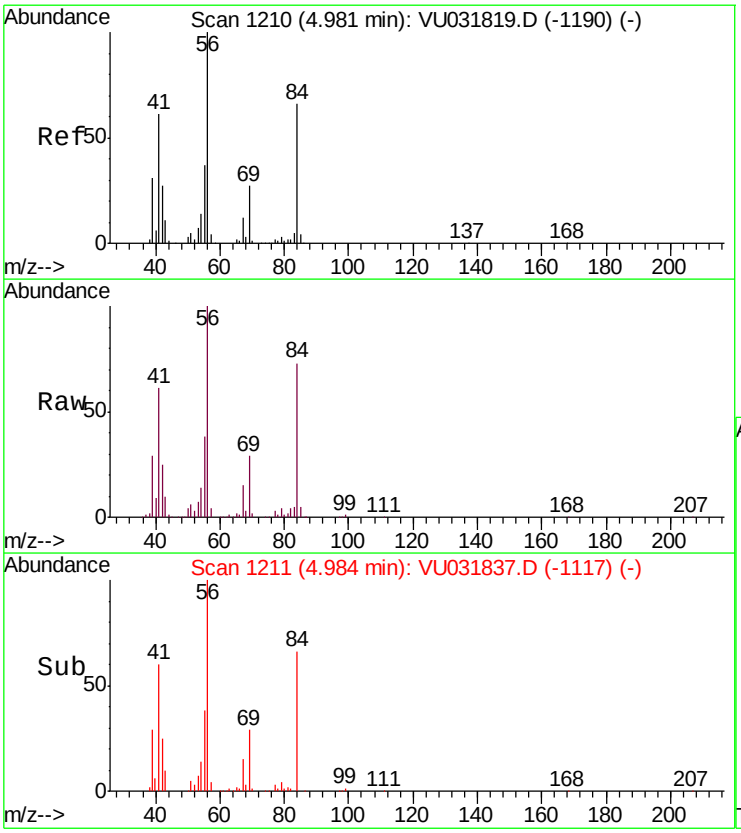
#29
1,1,1-Trichloroethane
Concen: 4.377 ug/L
RT: 4.90 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 97 Resp: 248550

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.6	75.8
61	50.9	42.2	63.2

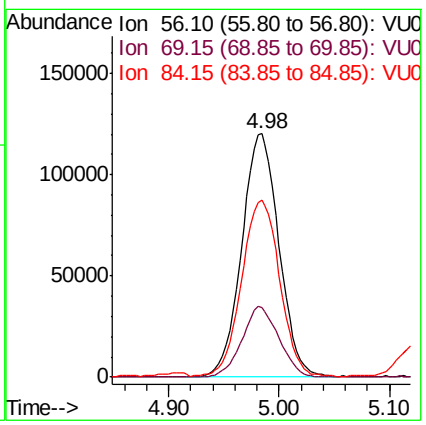


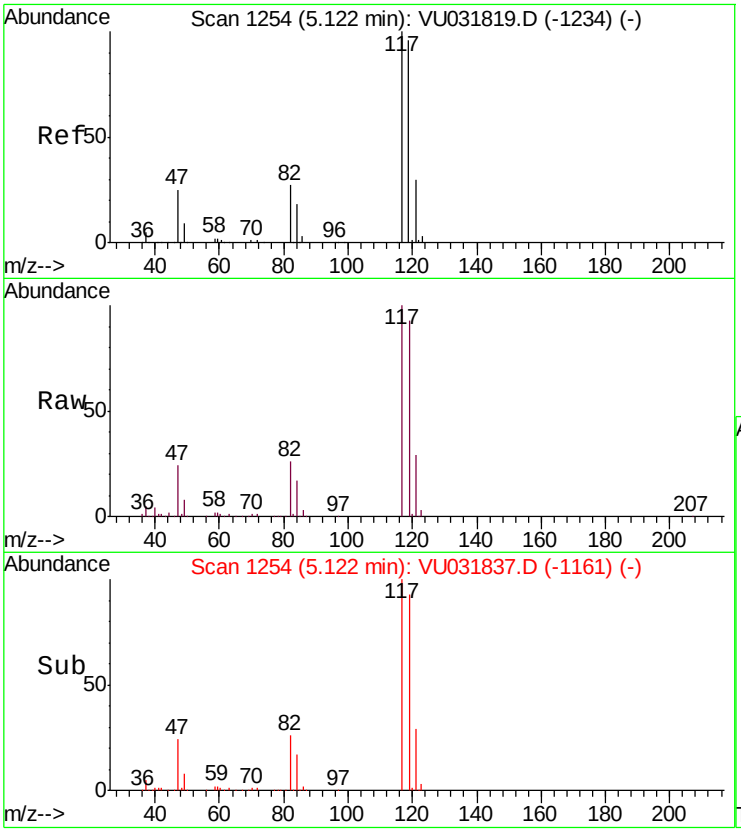


#30
Cyclohexane
Concen: 4.528 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 56 Resp: 281570

Ion	Ratio	Lower	Upper
56	100		
69	28.8	21.8	32.8
84	74.9	56.8	85.2



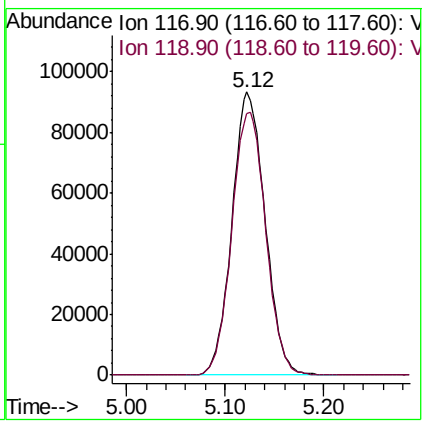


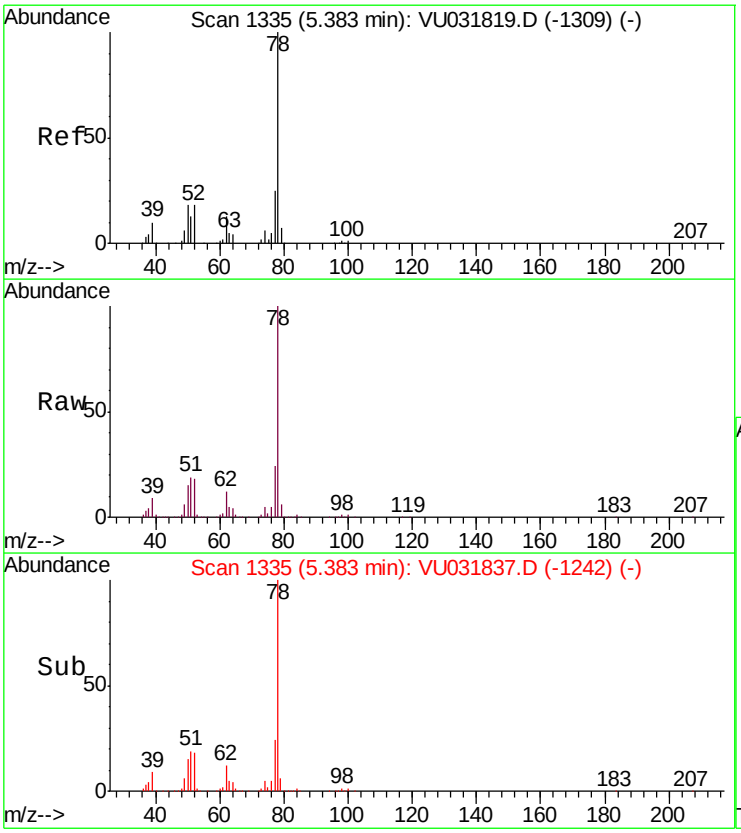
#31
Carbon tetrachloride
Concen: 4.477 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion:117 Resp: 216454

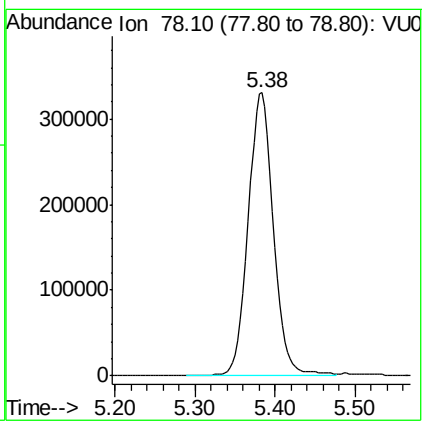
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.4	114.6

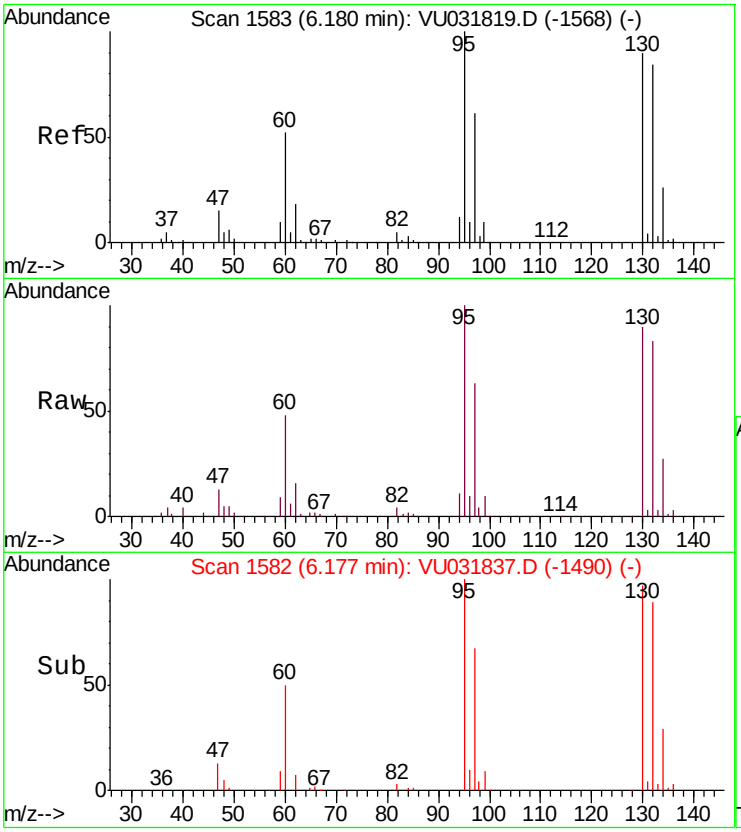




#33
Benzene
Concen: 4.903 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 78 Resp: 708356



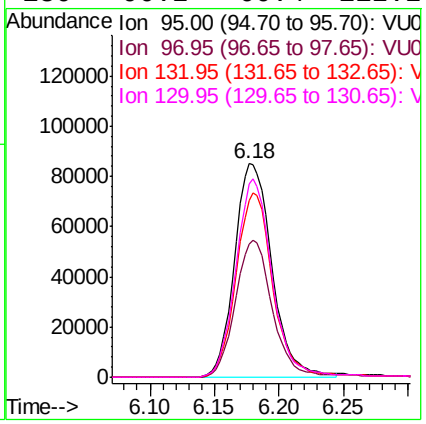


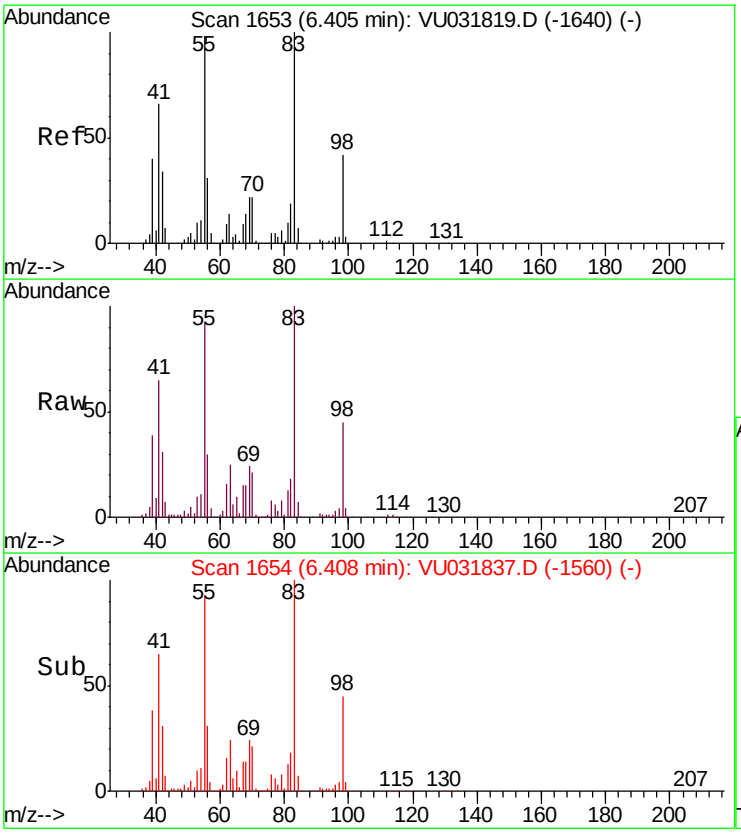
#34
Trichloroethene
Concen: 4.706 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 95 Resp: 171412

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.8	85.2
132	82.8	56.0	104.0
130	90.2	60.4	112.2

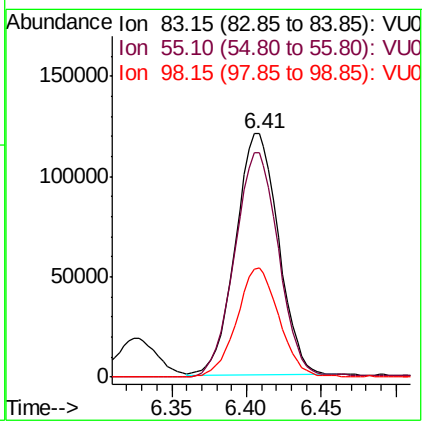


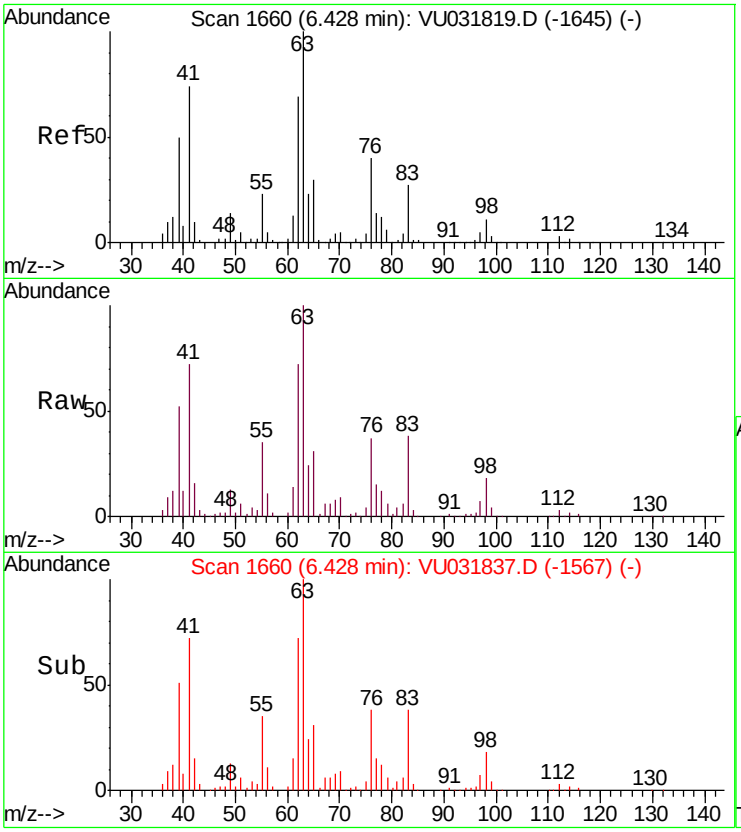


#35
Methylcyclohexane
Concen: 4.606 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 83 Resp: 240993

Ion	Ratio	Lower	Upper
83	100		
55	95.7	79.2	118.8
98	44.4	34.0	51.0



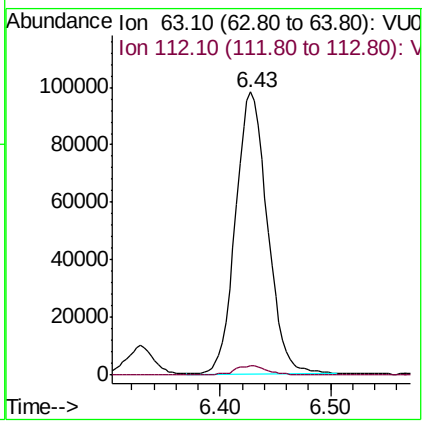


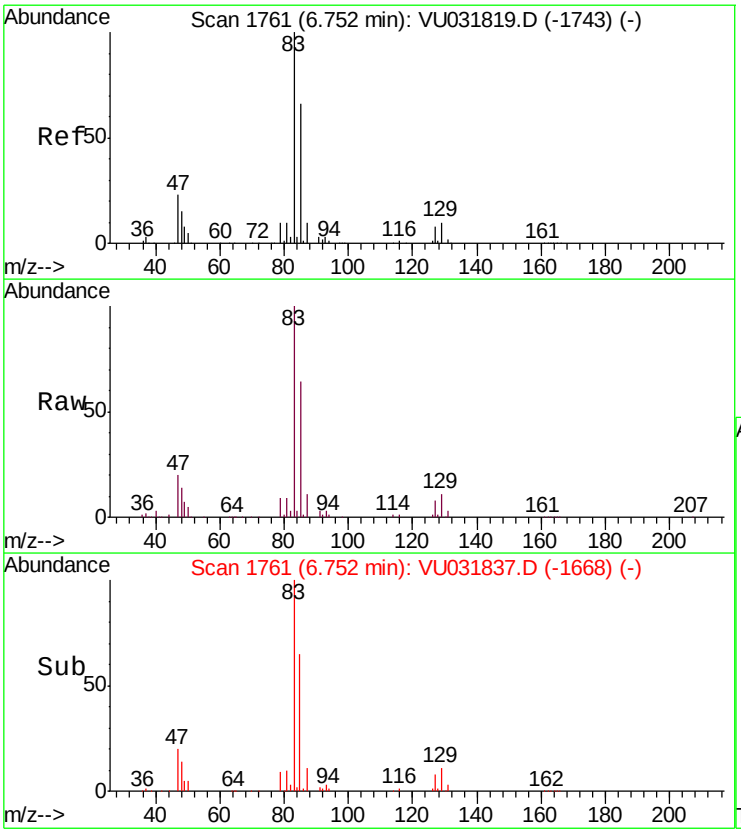
#37
1,2-Dichloropropane
Concen: 4.761 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 63 Resp: 196829

Ion	Ratio	Lower	Upper
63	100		
112	3.4	2.5	3.7

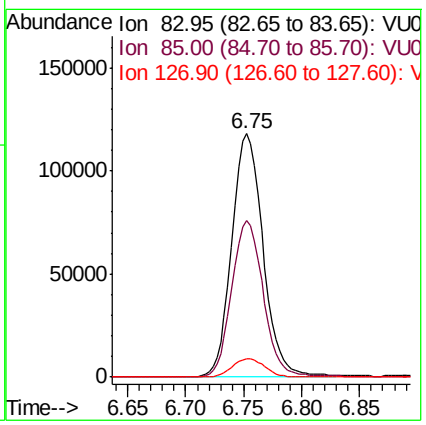


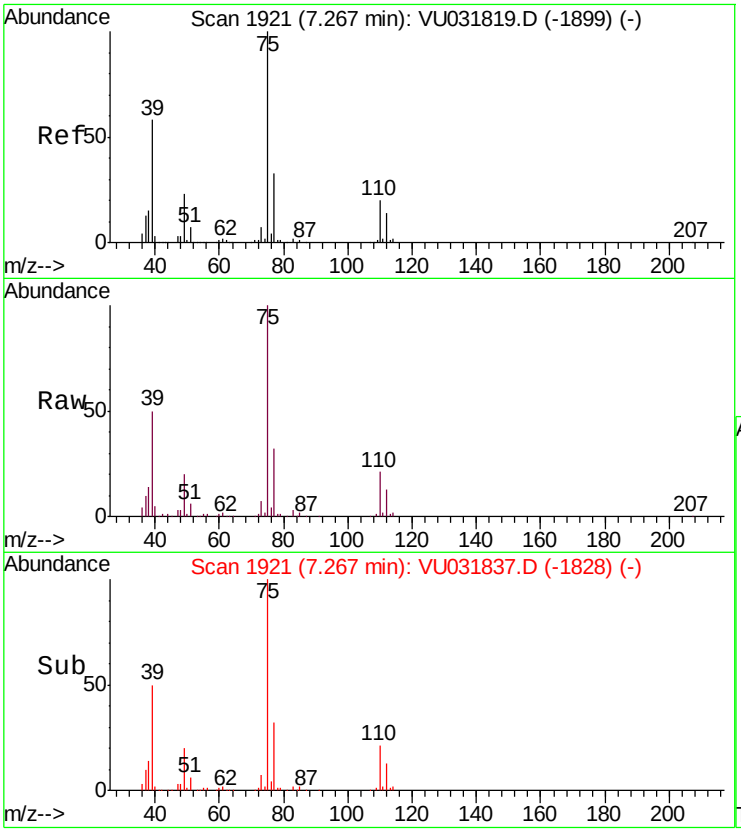


#38
Bromodichloromethane
Concen: 4.483 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 83 Resp: 220773

Ion	Ratio	Lower	Upper
83	100		
85	64.4	41.3	76.7
127	7.7	5.8	8.6



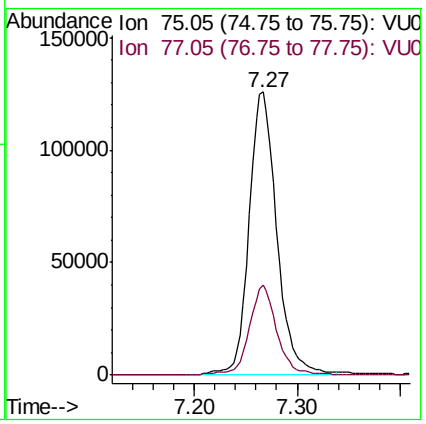


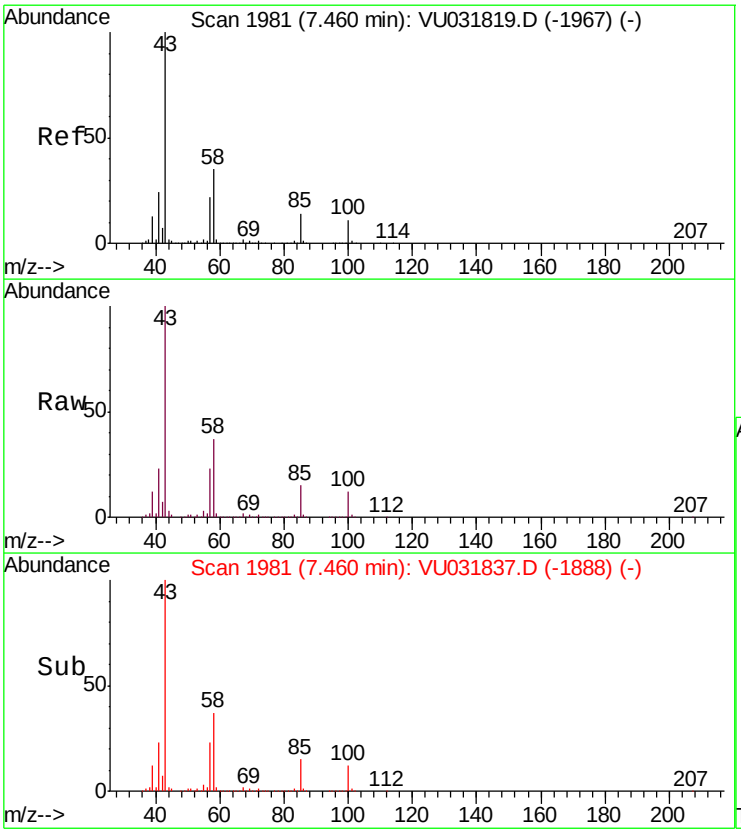
#39
cis-1,3-Dichloropropene
Concen: 4.543 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 75 Resp: 235383

Ion	Ratio	Lower	Upper
75	100		
77	31.8	22.3	41.5

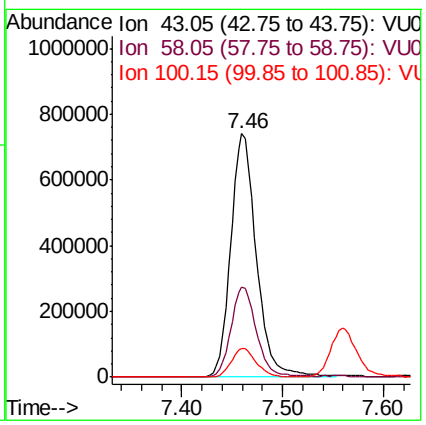


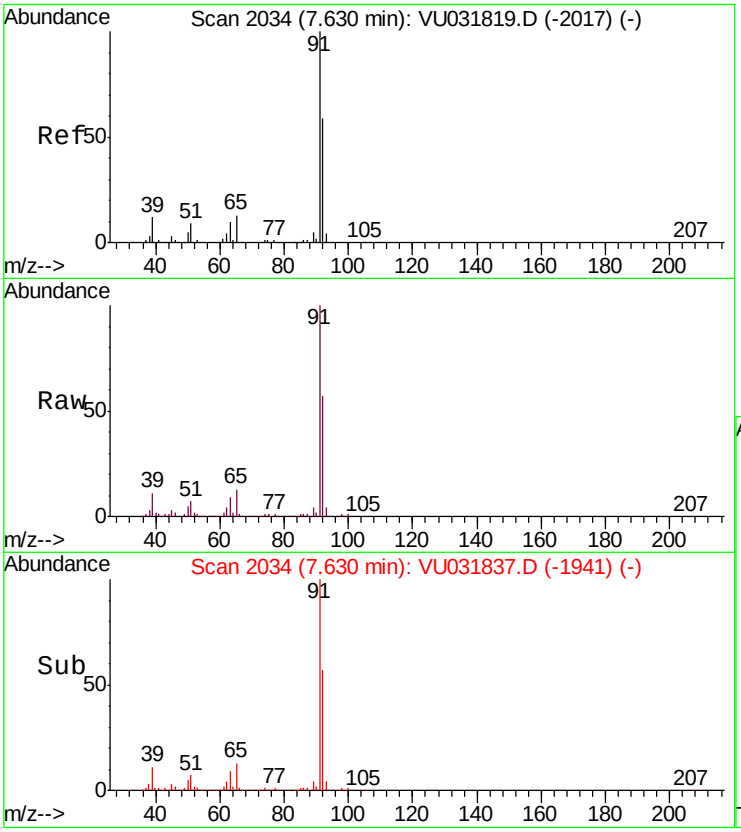


#40
4-Methyl-2-pentanone
Concen: 47.193 ug/L
RT: 7.46 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 43 Resp: 1313098

Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.0	42.0
100	11.5	8.2	12.4



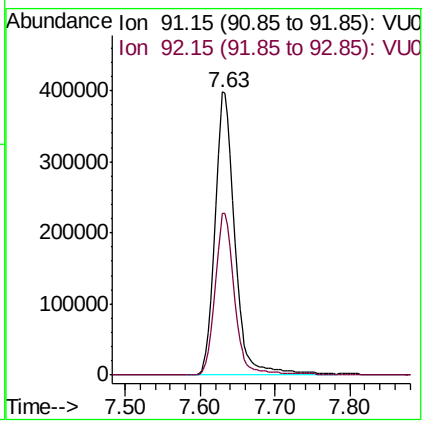


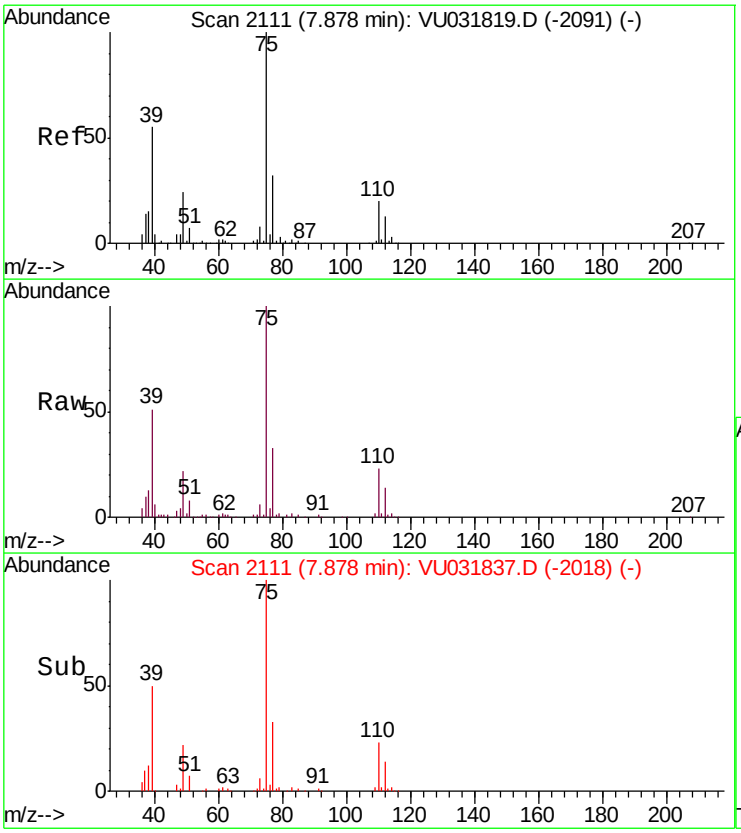
#42
Toluene
Concen: 5.165 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 91 Resp: 736743

Ion	Ratio	Lower	Upper
91	100		
92	57.2	38.1	70.9

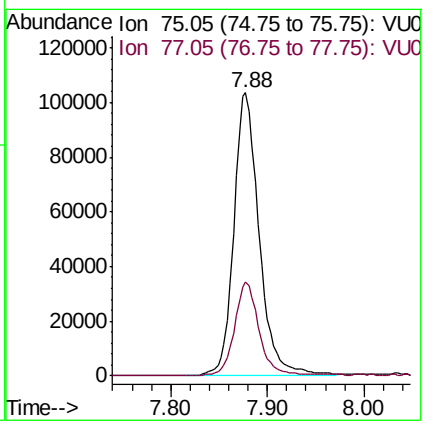


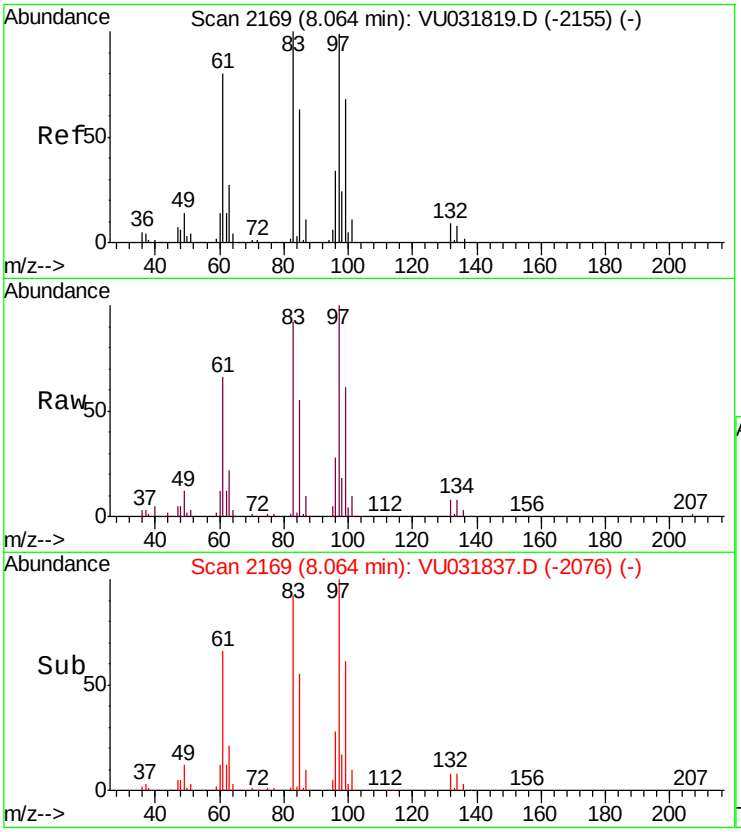


#44
trans-1,3-Dichloropropene
Concen: 4.614 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 75 Resp: 189322

Ion	Ratio	Lower	Upper
75	100		
77	33.2	22.3	41.3



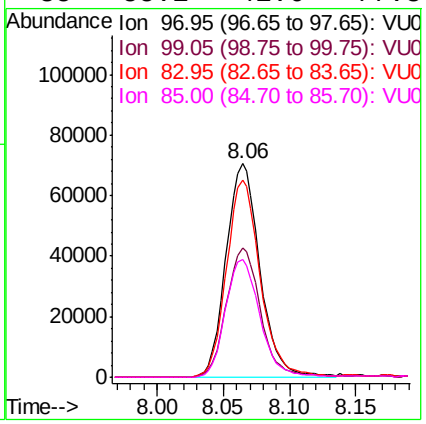


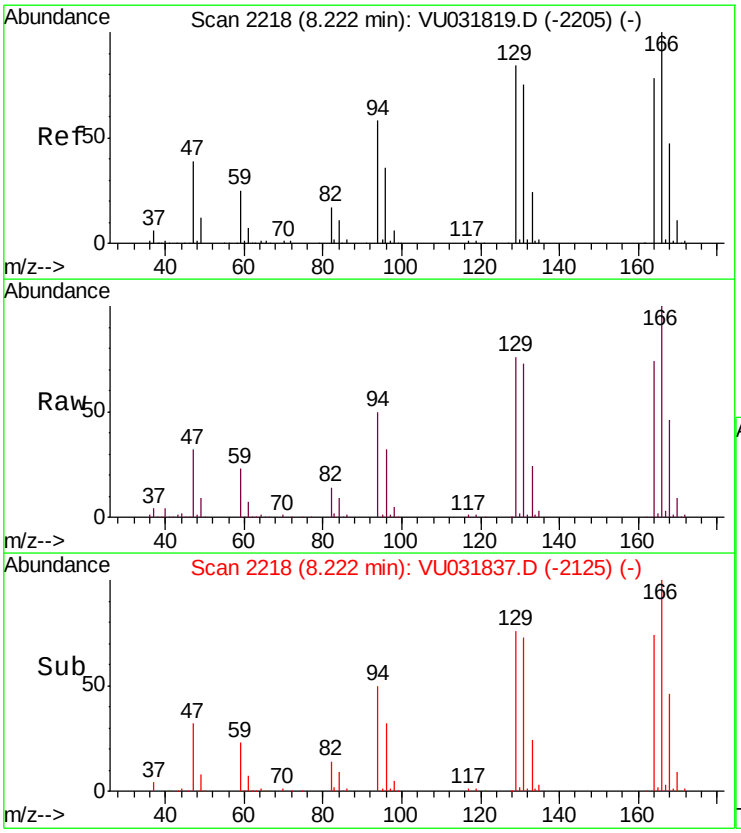
#45
1,1,2-Trichloroethane
Concen: 5.115 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 97 Resp: 125282

Ion	Ratio	Lower	Upper
97	100		
99	60.6	45.8	85.0
83	92.5	64.5	119.7
85	55.1	41.6	77.3

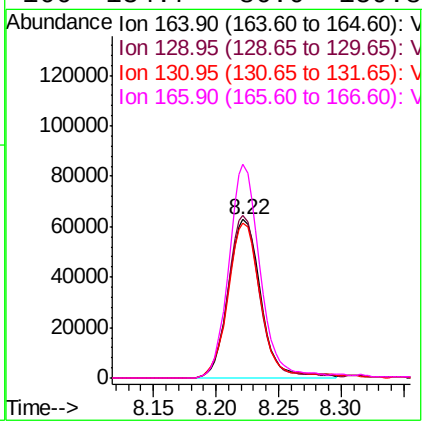


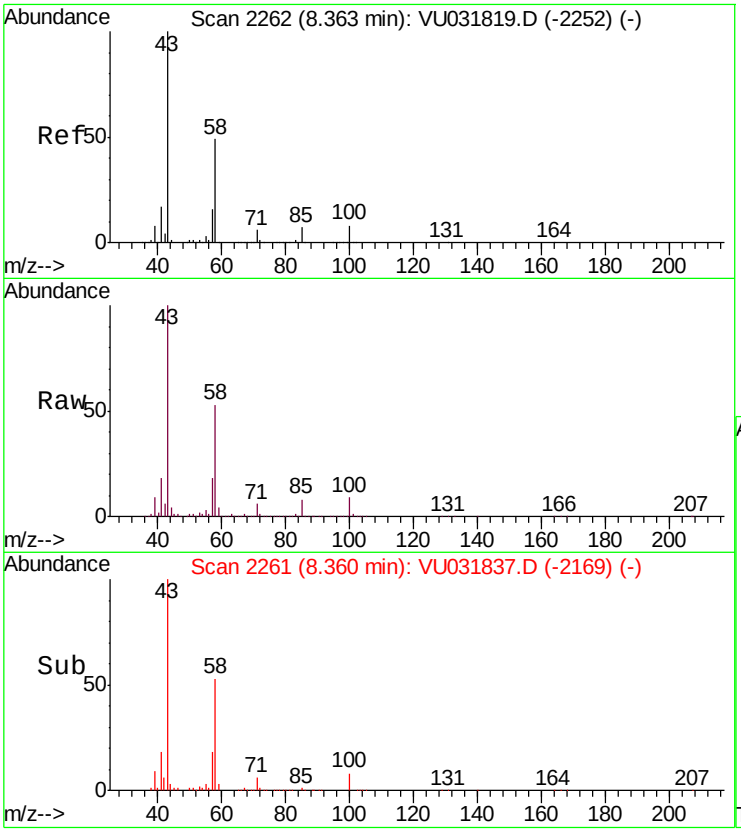


#47
Tetrachloroethene
Concen: 4.819 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:164 Resp: 114134

Ion	Ratio	Lower	Upper
164	100		
129	102.6	70.3	130.5
131	97.9	65.4	121.4
166	134.7	86.0	159.8



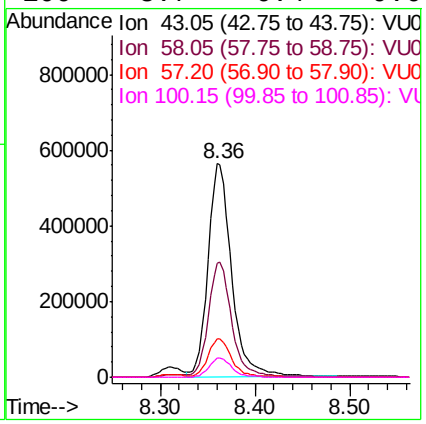


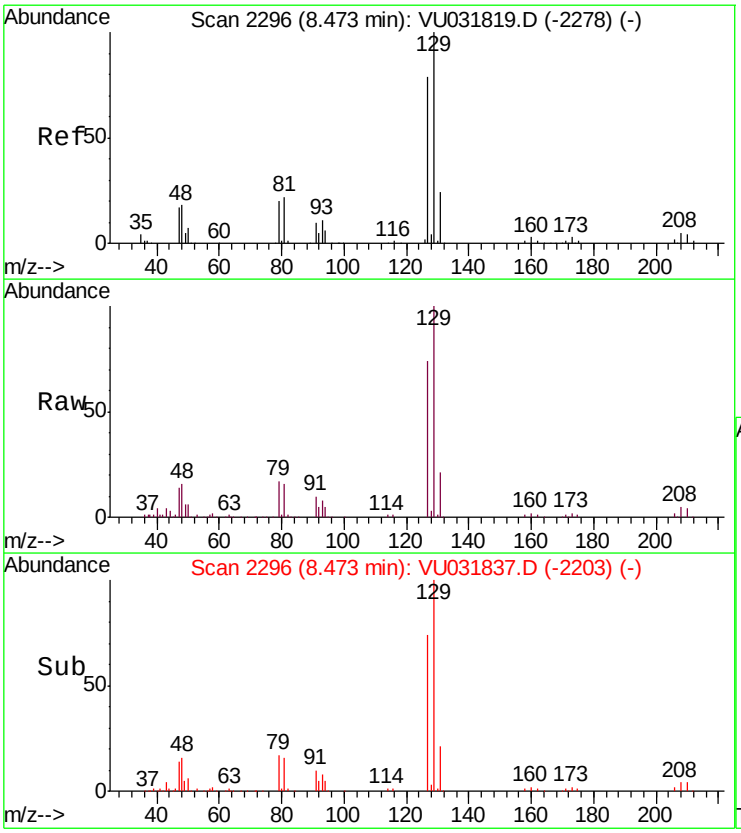
#48
2-Hexanone
Concen: 49.322 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Tgt Ion: 43 Resp: 975365

Ion	Ratio	Lower	Upper
43	100		
58	53.0	40.2	60.2
57	18.0	13.8	20.6
100	8.7	6.4	9.6

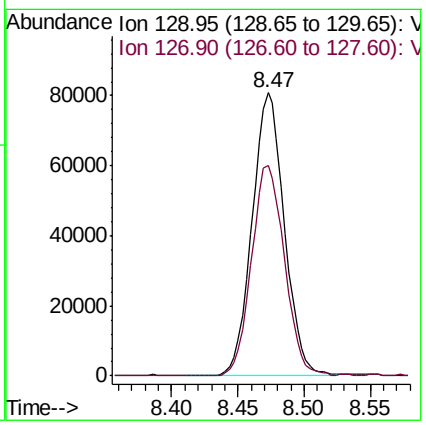


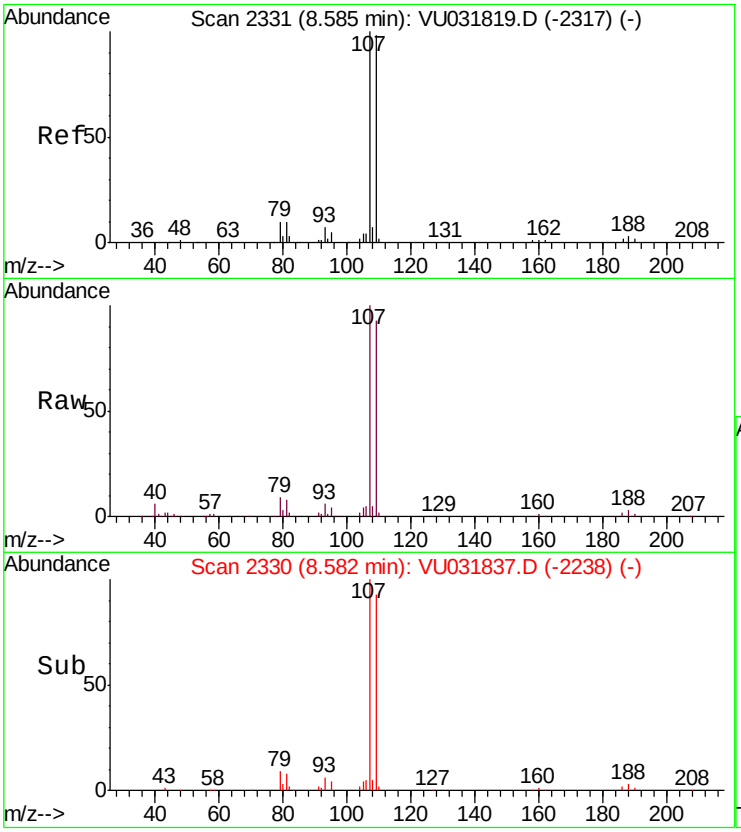


#49
Dibromochloromethane
Concen: 4.798 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:129 Resp: 136704

Ion	Ratio	Lower	Upper
129	100		
127	74.4	54.7	101.7



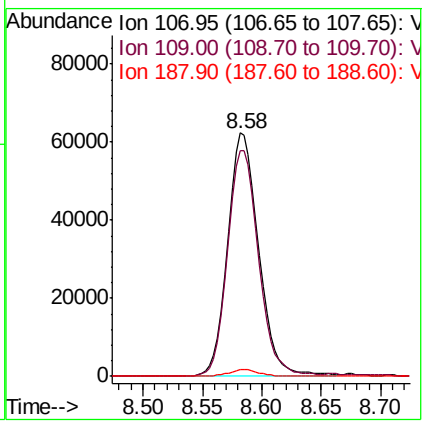


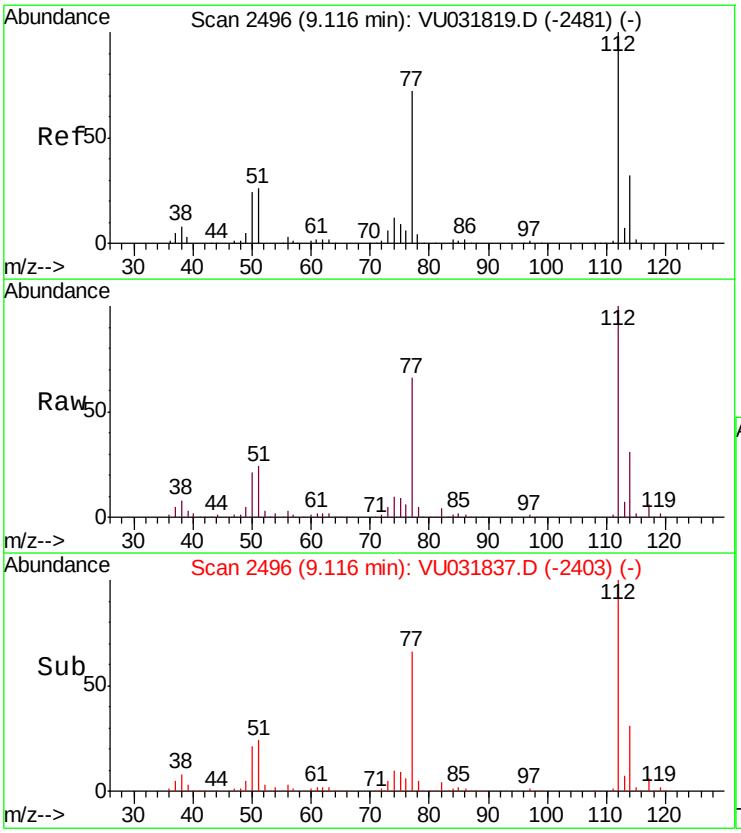
#50
1,2-Dibromoethane
Concen: 5.059 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion:107 Resp: 112769

Ion	Ratio	Lower	Upper
107	100		
109	92.8	62.6	116.3
188	2.7	2.1	3.1

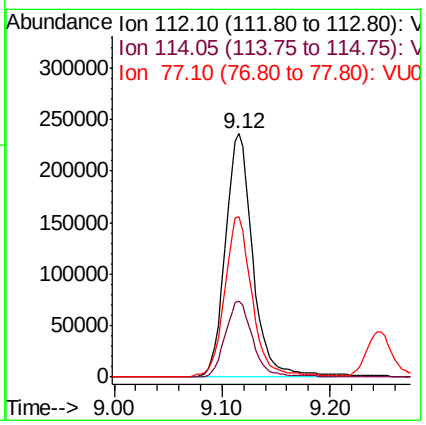


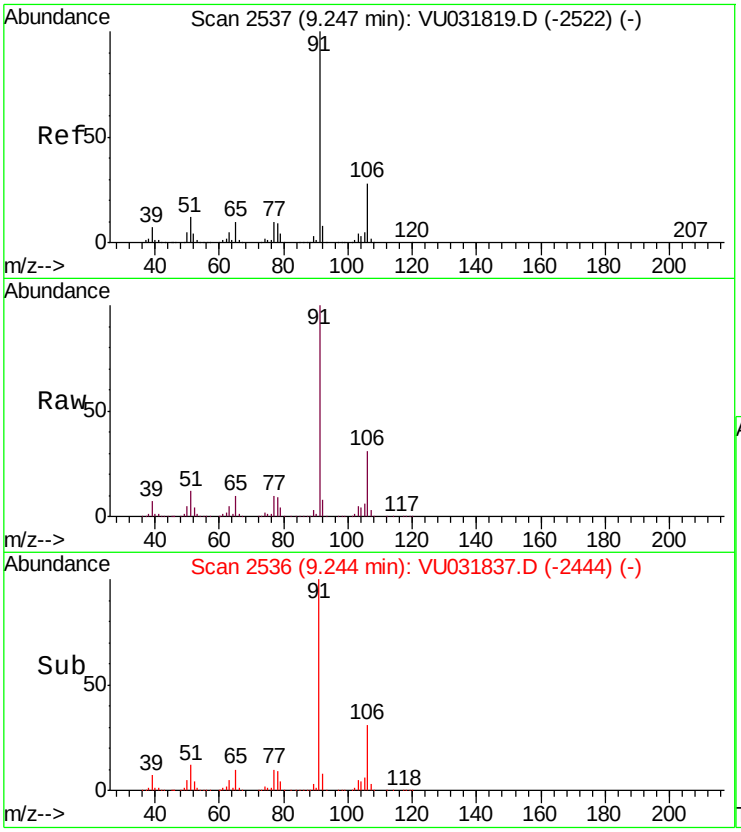


#51
Chlorobenzene
Concen: 4.938 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:112 Resp: 418651

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.5	41.7
77	65.9	56.9	85.3



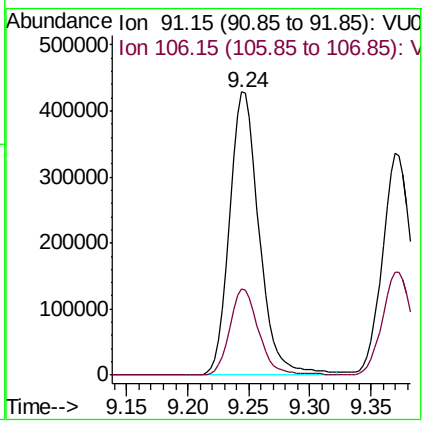


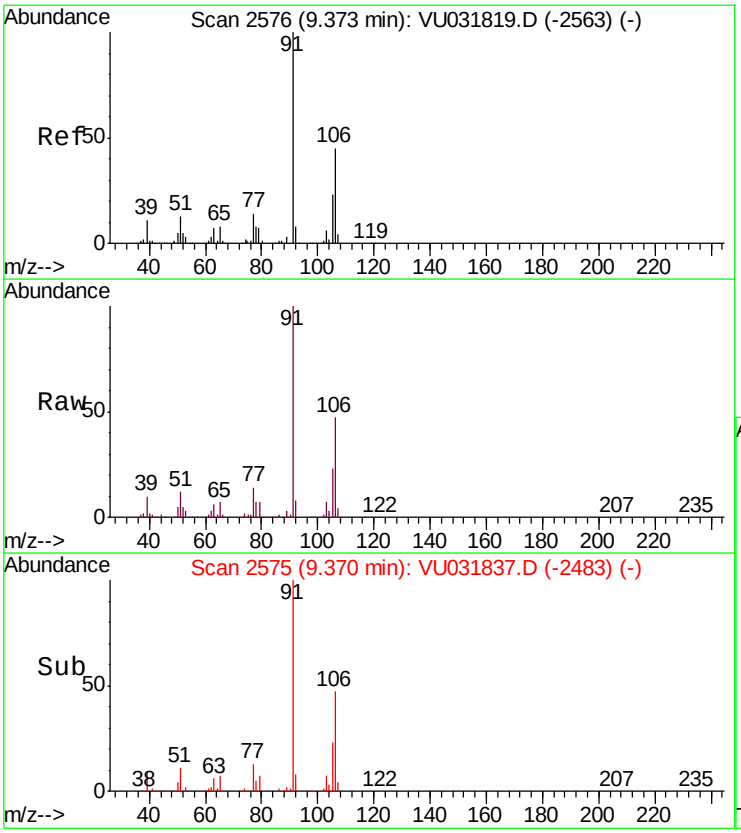
#52
Ethylbenzene
Concen: 4.880 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 91 Resp: 726156

Ion	Ratio	Lower	Upper
91	100		
106	30.6	20.0	37.2

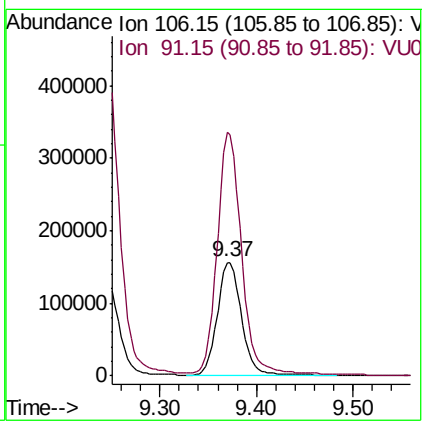


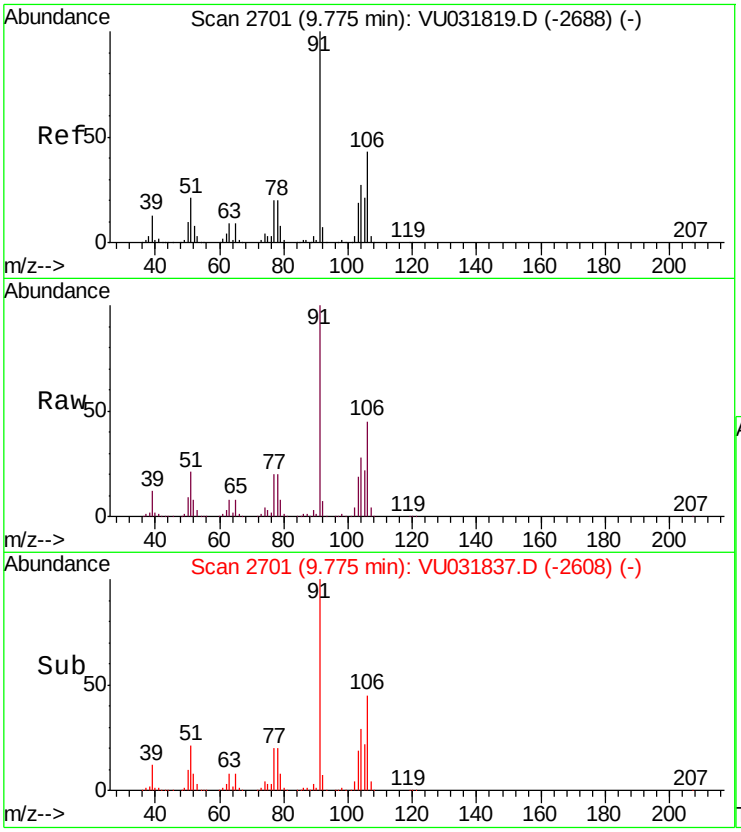


#53
m,p-Xylene
Concen: 5.169 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:106 Resp: 273771

Ion	Ratio	Lower	Upper
106	100		
91	214.5	150.3	279.1



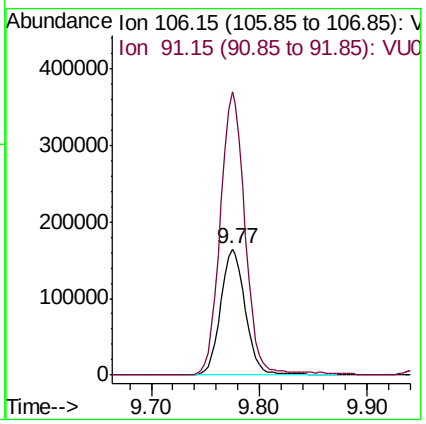


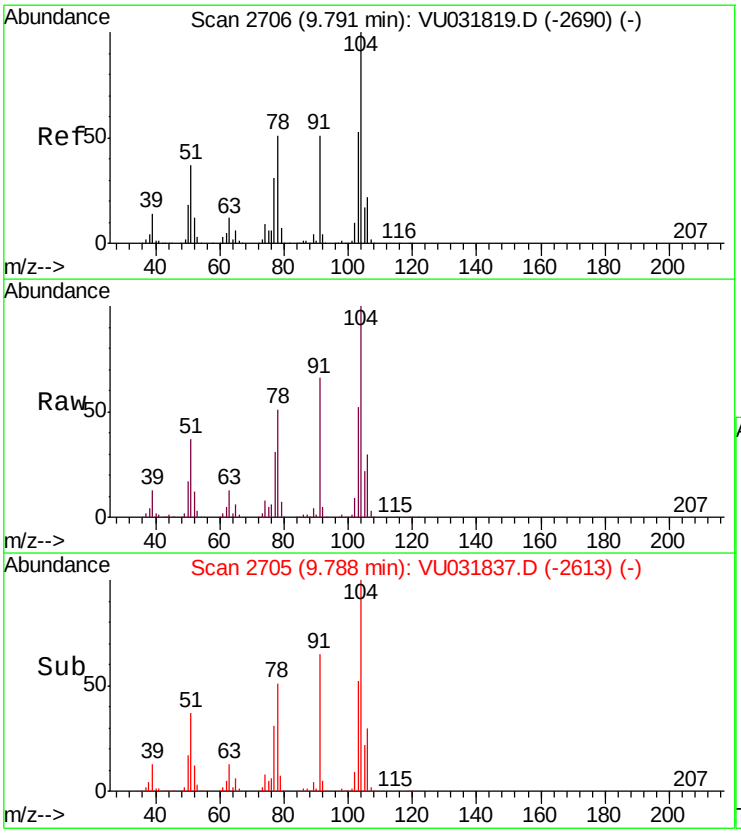
#54
o-Xylene
Concen: 5.193 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion:106 Resp: 263052

Ion	Ratio	Lower	Upper
106	100		
91	224.1	161.8	300.6

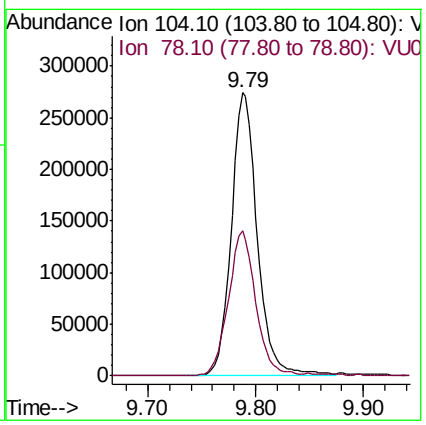


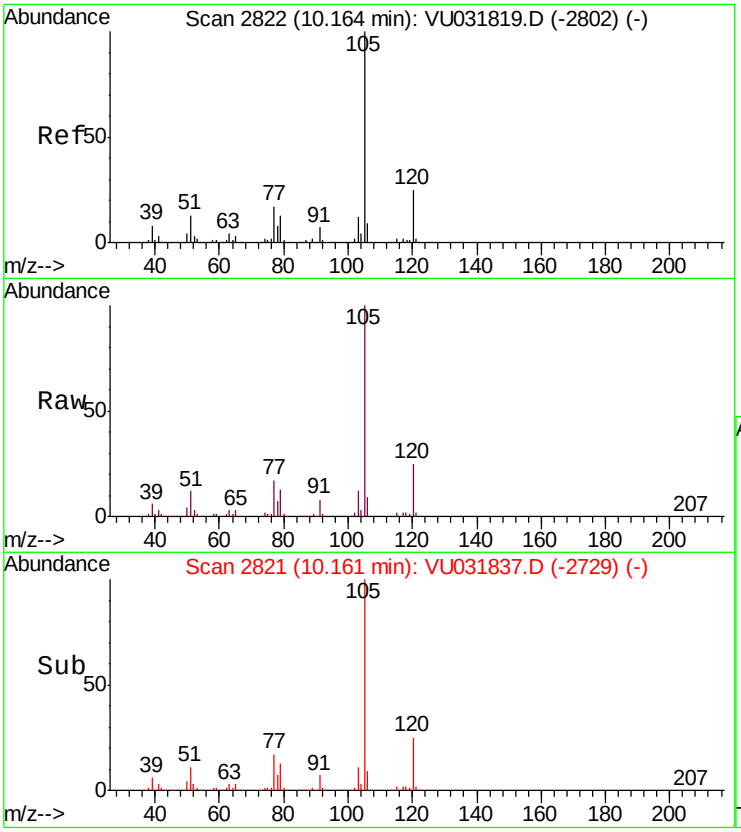


#55
Styrene
Concen: 5.304 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:104 Resp: 461078

Ion	Ratio	Lower	Upper
104	100		
78	51.1	37.2	69.0



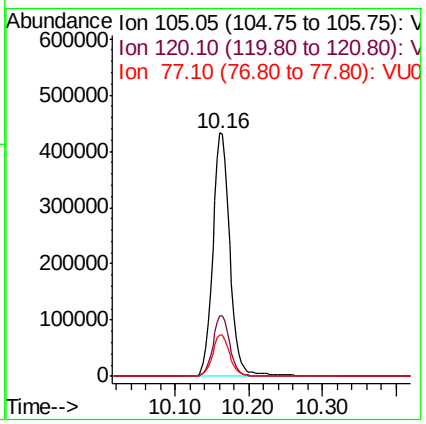


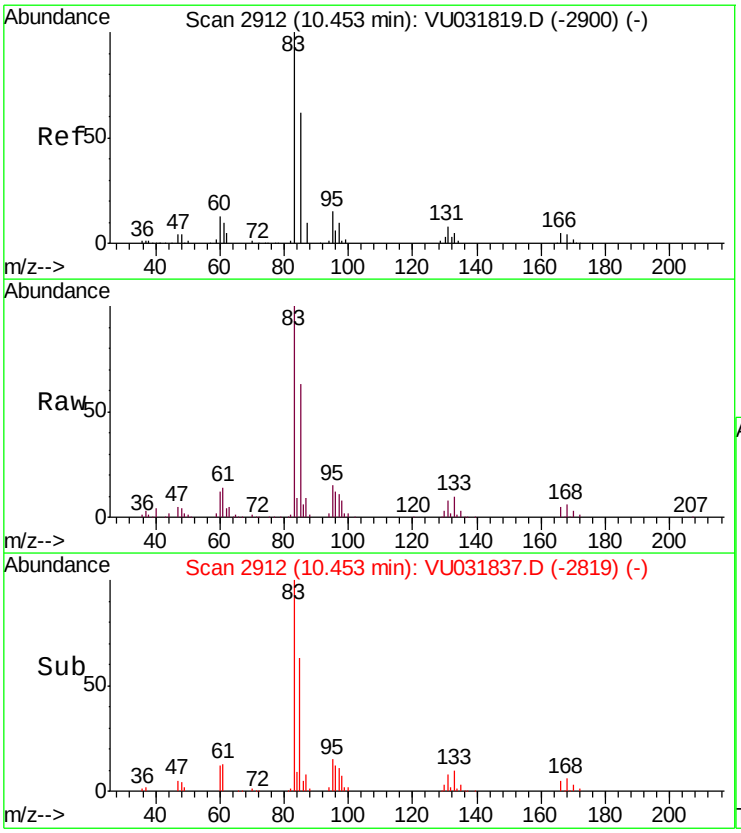
#56
Isopropylbenzene
Concen: 5.100 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Tgt Ion:105 Resp: 691678

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.2	30.4
77	17.0	14.8	22.2

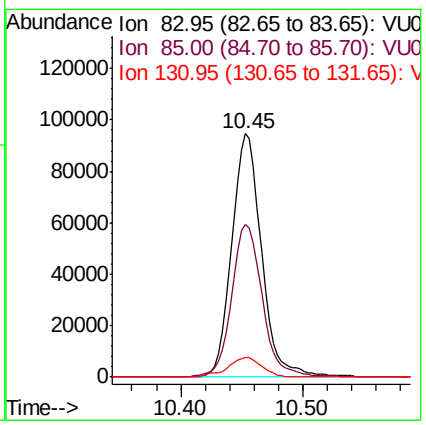


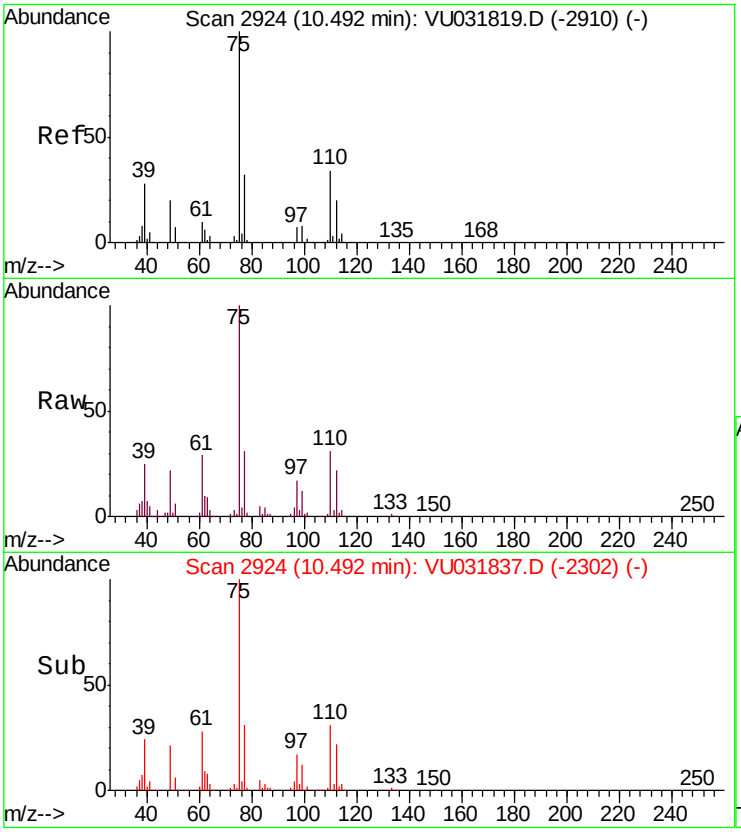


#58
1,1,2,2-Tetrachloroethane
Concen: 4.903 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 83 Resp: 160406

Ion	Ratio	Lower	Upper
83	100		
85	62.9	44.3	82.3
131	8.3	6.0	9.0



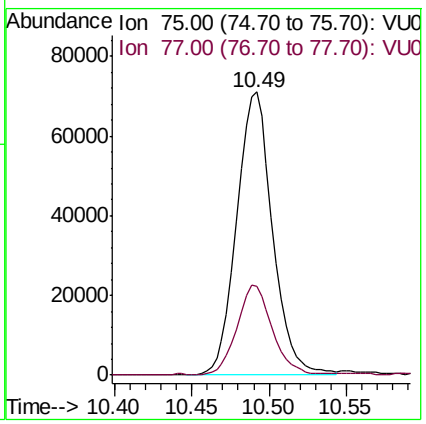


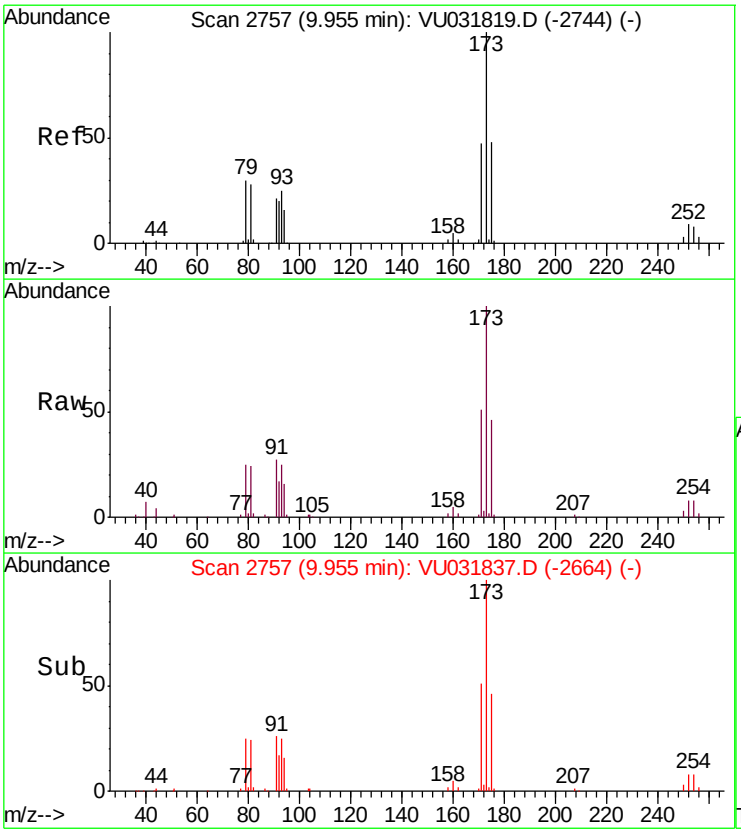
#59
1,2,3-Trichloropropane
Concen: 4.697 ug/L
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 75 Resp: 114935

Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.3	39.5

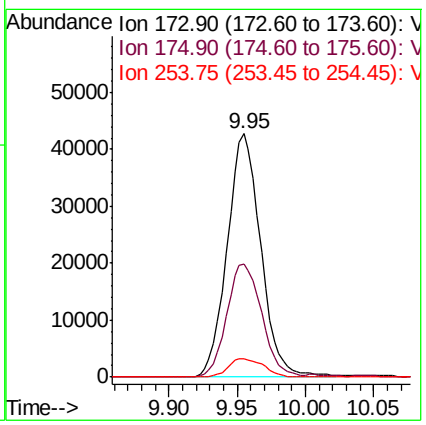


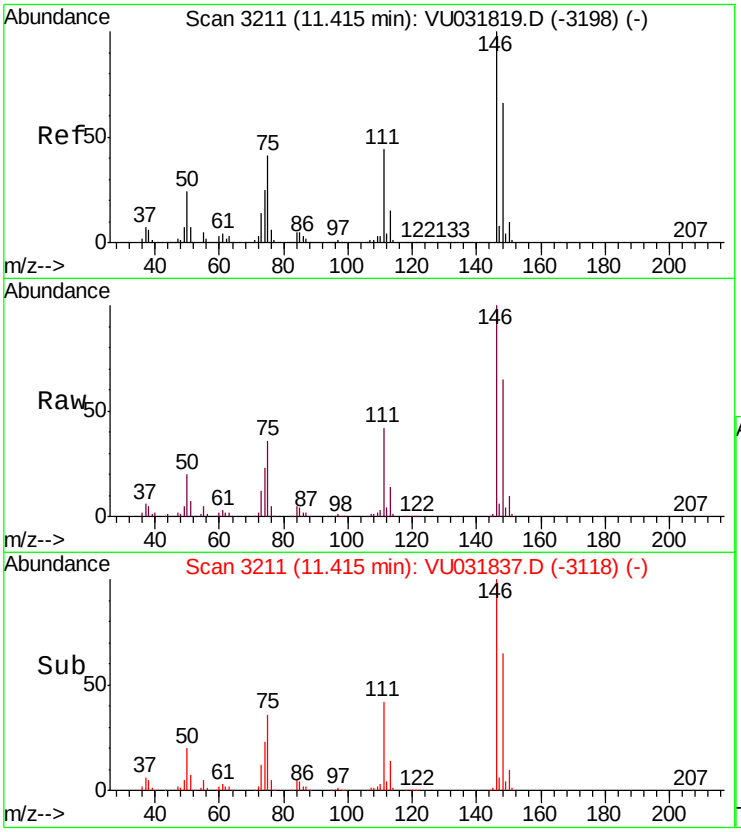


#61
Bromoform
Concen: 5.047 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:173 Resp: 73236

Ion	Ratio	Lower	Upper
173	100		
175	48.1	37.2	55.8
254	8.0	5.8	8.8



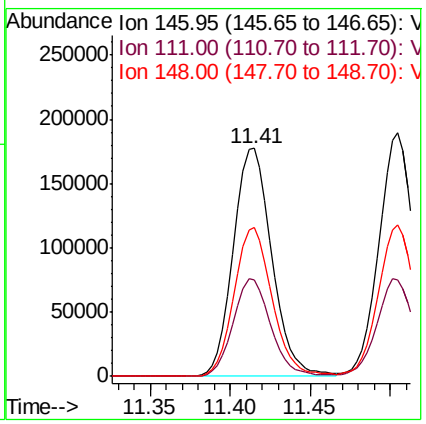


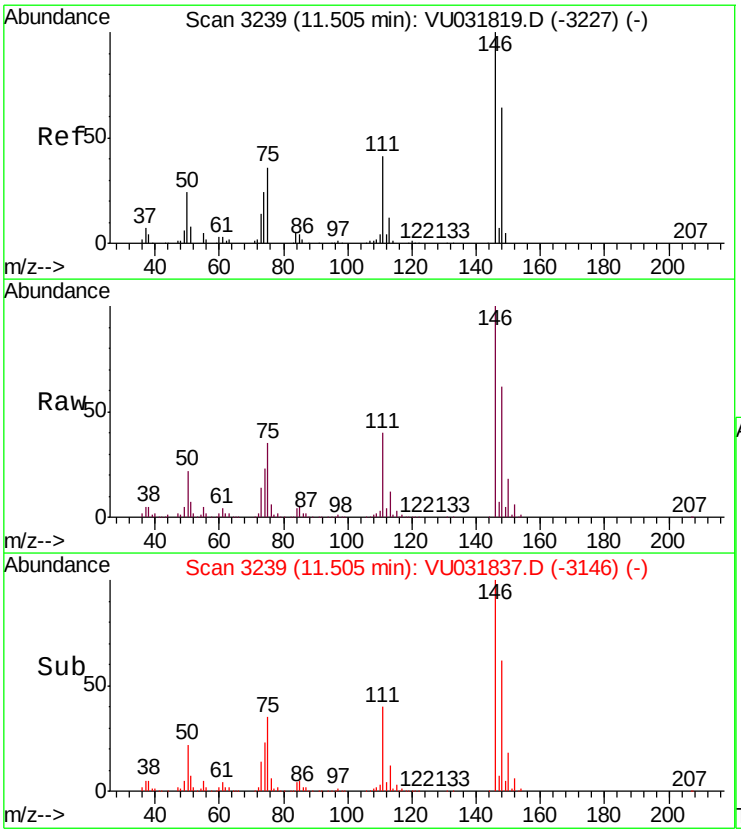
#62
1,3-Dichlorobenzene
Concen: 5.059 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion:146 Resp: 291371

Ion	Ratio	Lower	Upper
146	100		
111	42.4	29.4	54.6
148	65.3	44.0	81.6

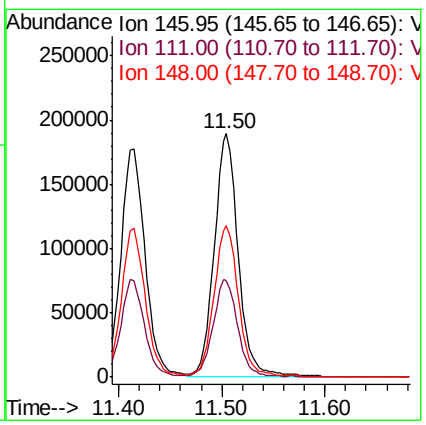


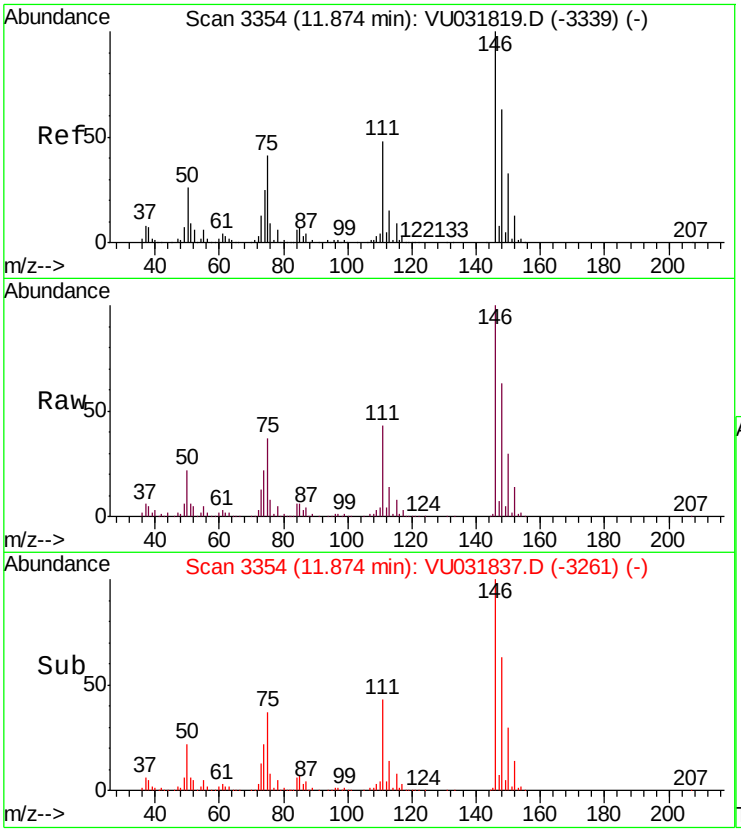


#63
1,4-Dichlorobenzene
Concen: 5.226 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:146 Resp: 305307

Ion	Ratio	Lower	Upper
146	100		
111	39.7	29.5	54.7
148	62.1	44.8	83.2



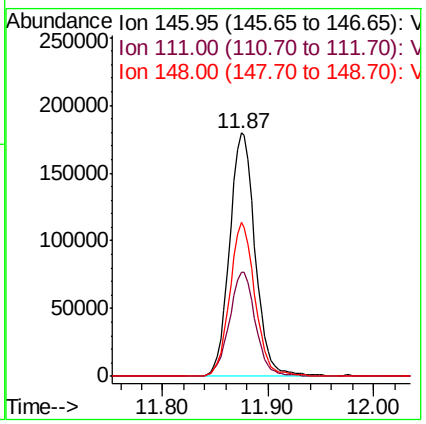


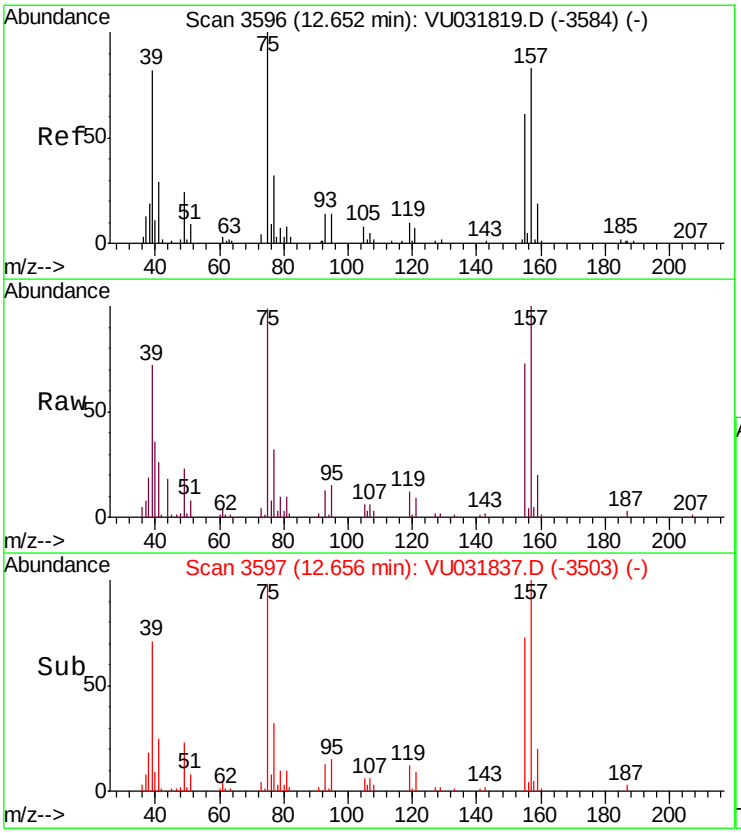
#65
1,2-Dichlorobenzene
Concen: 5.351 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion:146 Resp: 300678

Ion	Ratio	Lower	Upper
146	100		
111	43.0	37.0	55.4
148	63.0	52.2	78.4

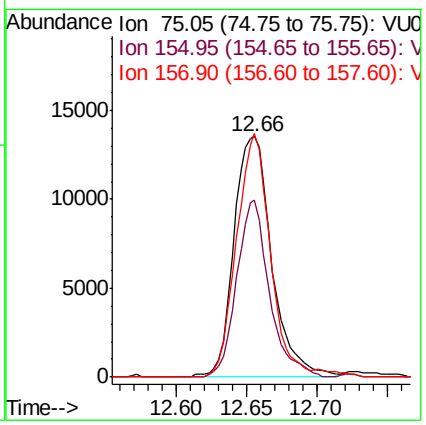


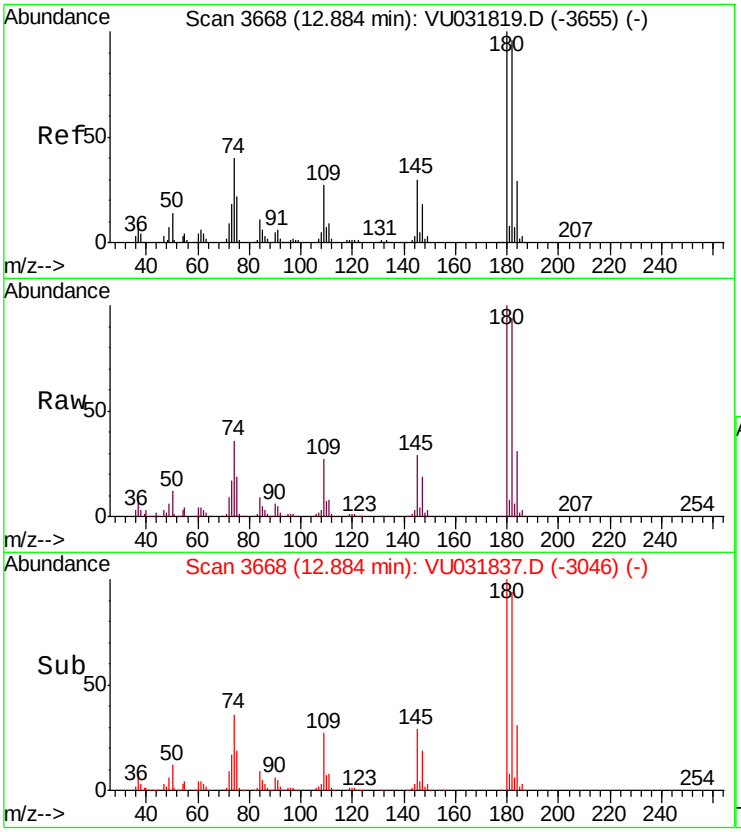


#66
1,2-Dibromo-3-chloropropane
Concen: 4.816 ug/L
RT: 12.66 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion: 75 Resp: 25441

Ion	Ratio	Lower	Upper
75	100		
155	73.6	42.2	63.2#
157	101.1	54.9	82.3#



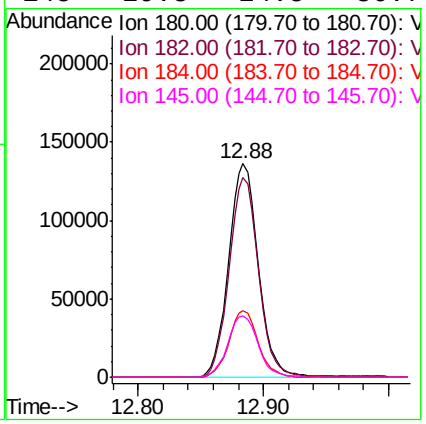


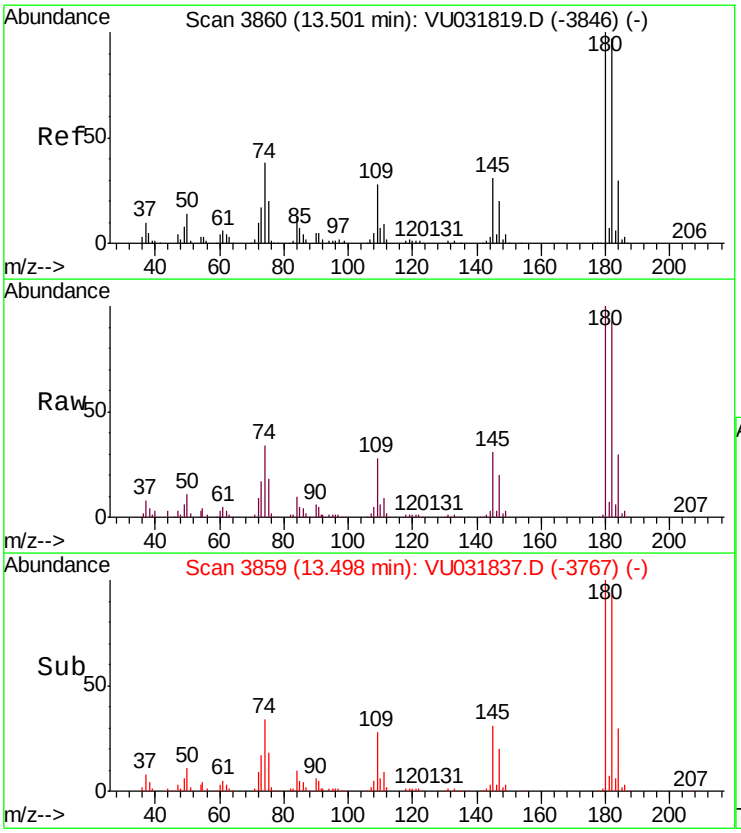
#67
1,3,5-Trichlorobenzene
Concen: 5.116 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion:180 Resp: 223881

Ion	Ratio	Lower	Upper
180	100		
182	92.5	77.0	115.4
184	30.6	24.1	36.1
145	29.3	24.5	36.7





#68
1,2,4-trichlorobenzene
Concen: 5.322 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. -0.00 min
Lab File: VU031837.D
Acq: 08 May 2019 21:51

Tgt Ion:180 Resp: 172037

Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.8	112.2
145	30.2	25.4	38.2