Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028181.D
Acq On : 15 Nov 2018 19:01
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Nov 16 00:52:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	169542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82149	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	60852	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.68	69	51855	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.28	63	118457	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.20%			
20) 2-Butanone-d5	4.19	46	222593	52.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.62%			
24) Chloroform-d	4.65	84	116322	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.31	65	64138	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.34	84	225808	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.33	67	83488	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.57	98	204614	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	7.85	79	27575	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.31	63	174516	49.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61231	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	70112	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	71872	4.653	ug/L	100
3) Chloromethane	1.33	50	91136	4.616	ug/L	96
5) Vinyl chloride	1.40	62	87271	4.653	ug/L	99
6) Bromomethane	1.63	94	25072	2.791	ug/L	96
8) Chloroethane	1.70	64	50702	4.490	ug/L	97
9) Trichlorofluoromethane	1.89	101	102639	5.016	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	53423	4.651	ug/L	97
12) 1,1-Dichloroethene	2.29	96	53458	4.591	ug/L	92
13) Acetone	2.32	43	129174	45.506	ug/L	97
14) Carbon disulfide	2.48	76	176946	4.532	ug/L	98
15) Methyl Acetate	2.62	43	37024	4.877	ug/L	98
16) Methylene chloride	2.70	84	62402	4.536	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	154271	4.739	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	55884	4.514	ug/L	97
19) 1,1-Dichloroethane	3.45	63	128562	4.938	ug/L	97
21) 2-Butanone	4.28	43	225654	50.372	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	65938	4.831	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028181.D
Acq On : 15 Nov 2018 19:01
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Nov 16 00:52:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	25756	4.775	ug/L		94
25) Chloroform	4.68	83	117913	5.049	ug/L		99
27) 1,2-Dichloroethane	5.41	62	78891	5.139	ug/L		99
29) 1,1,1-Trichloroethane	4.92	97	90969	4.741	ug/L		98
30) Cyclohexane	5.00	56	124166	4.615	ug/L		99
31) Carbon tetrachloride	5.13	117	76173	4.783	ug/L		99
33) Benzene	5.39	78	271284	4.750	ug/L		100
34) Trichloroethene	6.19	95	65542	4.643	ug/L		99
35) Methylcyclohexane	6.41	83	106716	4.397	ug/L		96
37) 1,2-Dichloropropane	6.43	63	77783	4.925	ug/L		99
38) Bromodichloromethane	6.76	83	78275	4.657	ug/L		99
39) cis-1,3-Dichloropropene	7.27	75	97219	4.552	ug/L		97
40) 4-Methyl-2-pentanone	7.47	43	547990	50.381	ug/L		98
42) Toluene	7.64	91	281323	4.777	ug/L		98
44) trans-1,3-Dichloropropene	7.88	75	73544	4.395	ug/L		98
45) 1,1,2-Trichloroethane	8.07	97	44230	4.638	ug/L		93
47) Tetrachloroethene	8.23	164	46087	4.016	ug/L		97
48) 2-Hexanone	8.37	43	398597	51.502	ug/L		98
49) Dibromochloromethane	8.48	129	48823	4.809	ug/L		99
50) 1,2-Dibromoethane	8.59	107	42087	4.688	ug/L		99
51) Chlorobenzene	9.12	112	160455	4.660	ug/L		98
52) Ethylbenzene	9.25	91	306074	4.762	ug/L		97
53) m,p-xylene	9.38	106	110214	4.706	ug/L		95
54) o-xylene	9.78	106	103537	4.592	ug/L		98
55) Styrene	9.79	104	181200	4.752	ug/L		96
56) Isopropylbenzene	10.17	105	284010	4.657	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.46	83	59873	4.871	ug/L		95
59) 1,2,3-Trichloropropane	10.49	75	43683	4.924	ug/L		99
61) Bromoform	9.96	173	24266	4.369	ug/L		99
62) 1,3-Dichlorobenzene	11.42	146	119121	4.586	ug/L		99
63) 1,4-Dichlorobenzene	11.51	146	123824	4.709	ug/L		99
65) 1,2-Dichlorobenzene	11.88	146	113102	4.553	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.66	75	8226	4.564	ug/L	#	86
67) 1,3,5-Trichlorobenzene	12.89	180	93459	4.690	ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	78207	4.503	ug/L		98
69) Naphthalene	13.74	128	138538	4.280	ug/L		100
70) 1,2,3-Trichlorobenzene	13.99	180	74805	4.675	ug/L		97

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

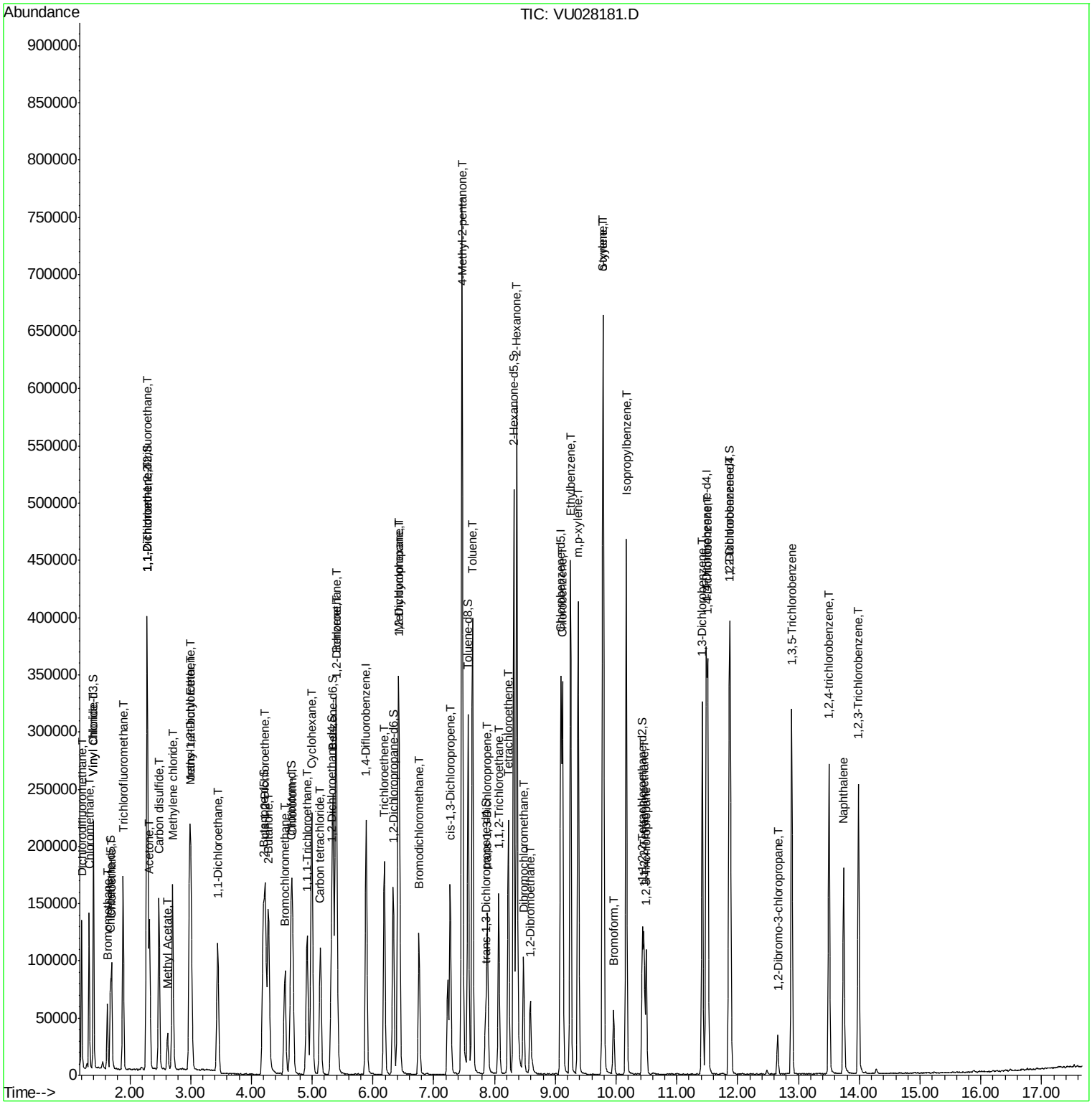
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

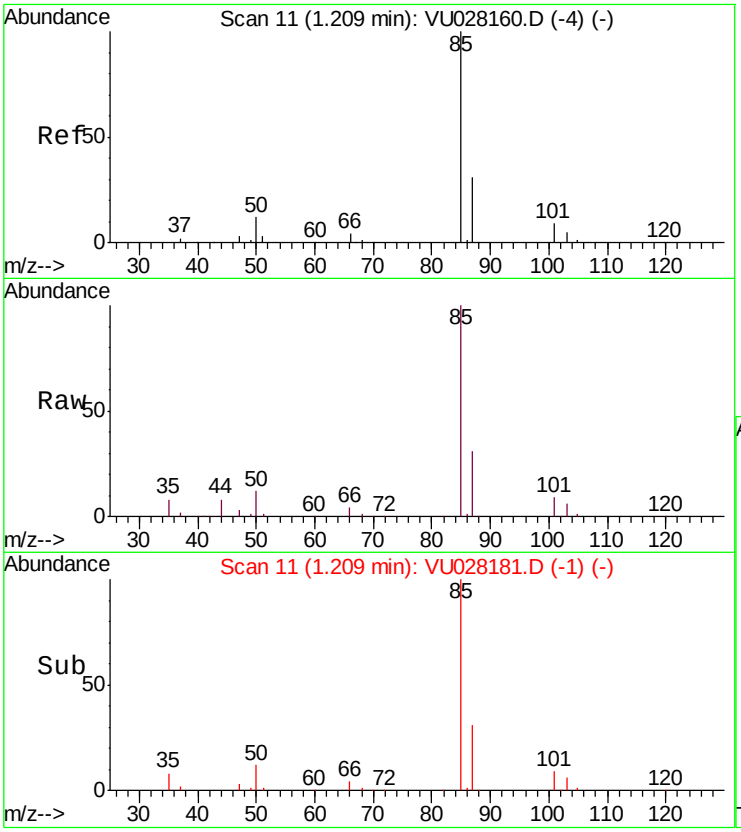
Quantitation Report (Not Reviewed)

Data File : VU028181.D
Acq On : 15 Nov 2018 19:01
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Nov 16 00:52:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration



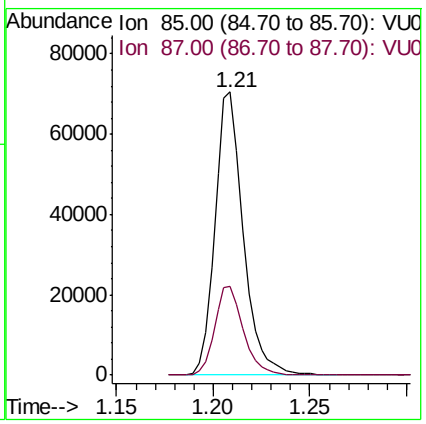


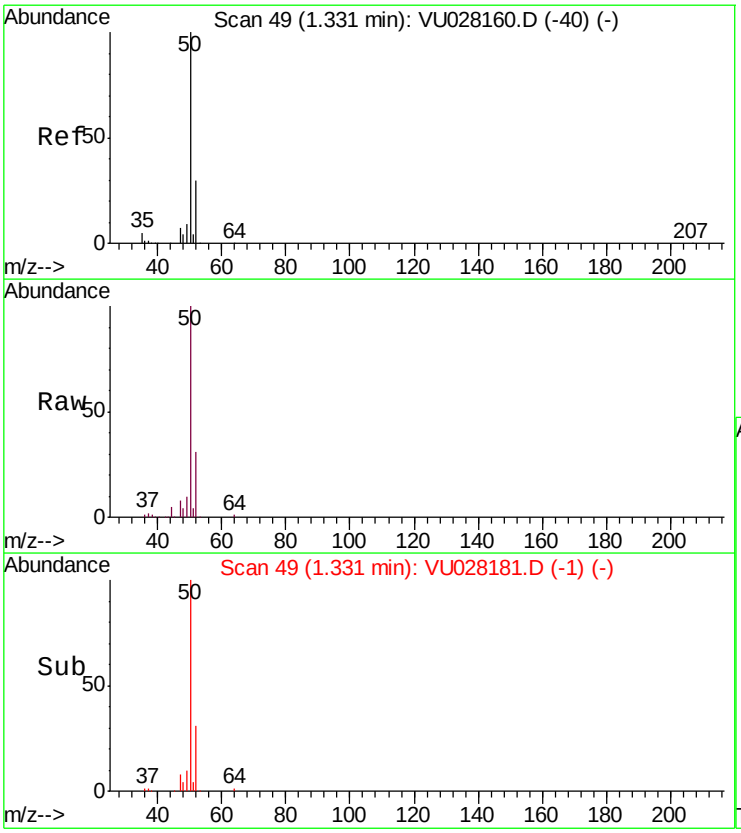
#2
Dichlorodifluoromethane
Concen: 4.653 ug/L
RT: 1.21 min Scan# 11
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 85 Resp: 71872

Ion	Ratio	Lower	Upper
85	100		
87	31.8	25.6	38.4

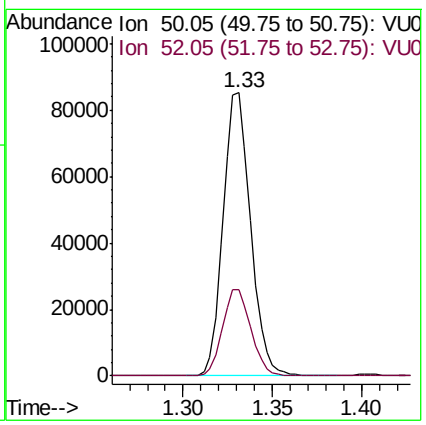


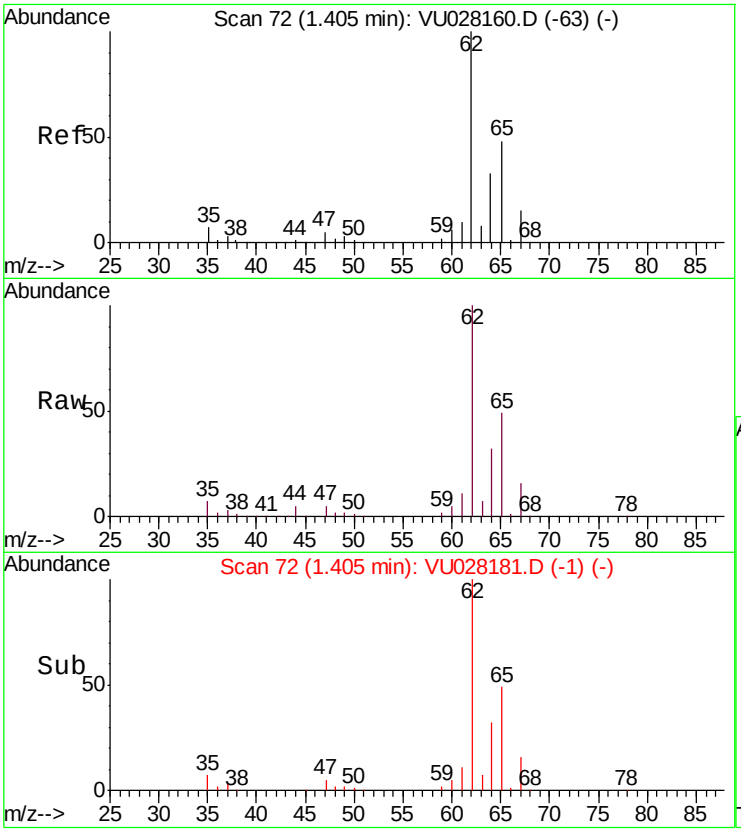


#3
Chloromethane
Concen: 4.616 ug/L
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 50 Resp: 91136

Ion	Ratio	Lower	Upper
50	100		
52	30.6	23.0	42.6



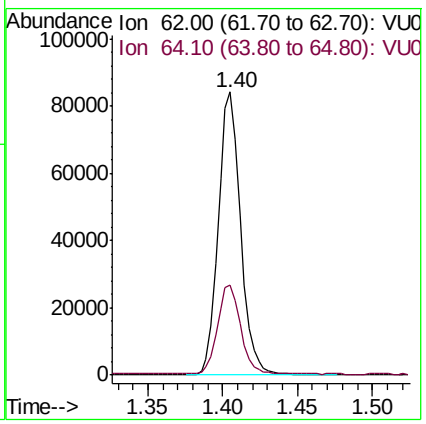


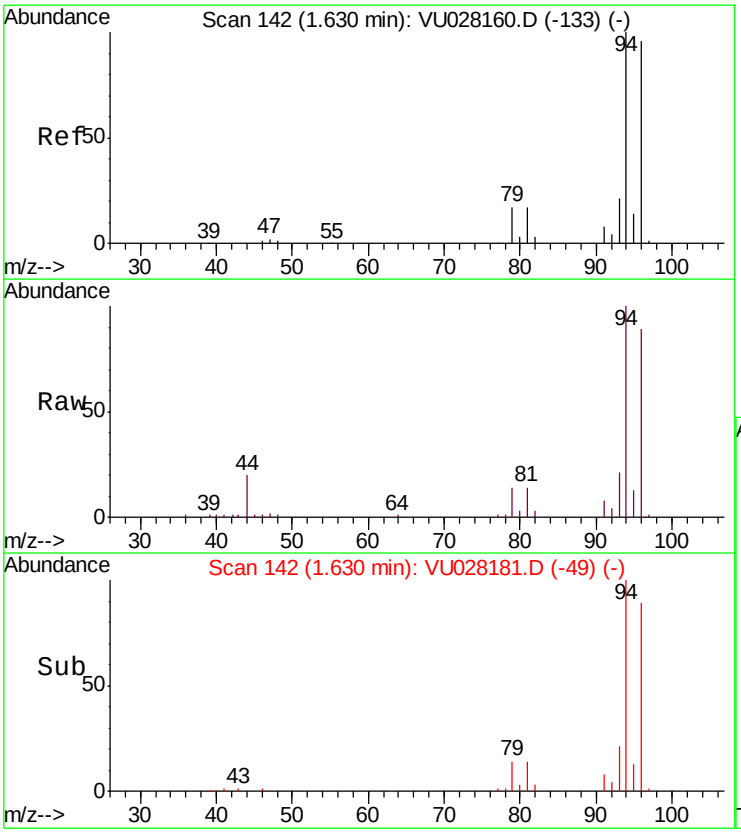
#5
Vinyl chloride
Concen: 4.653 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 62 Resp: 87271

Ion	Ratio	Lower	Upper
62	100		
64	31.8	22.7	42.3

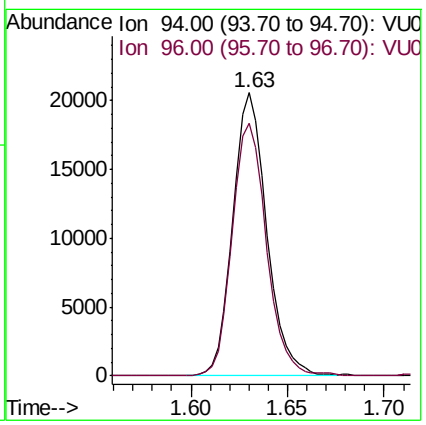


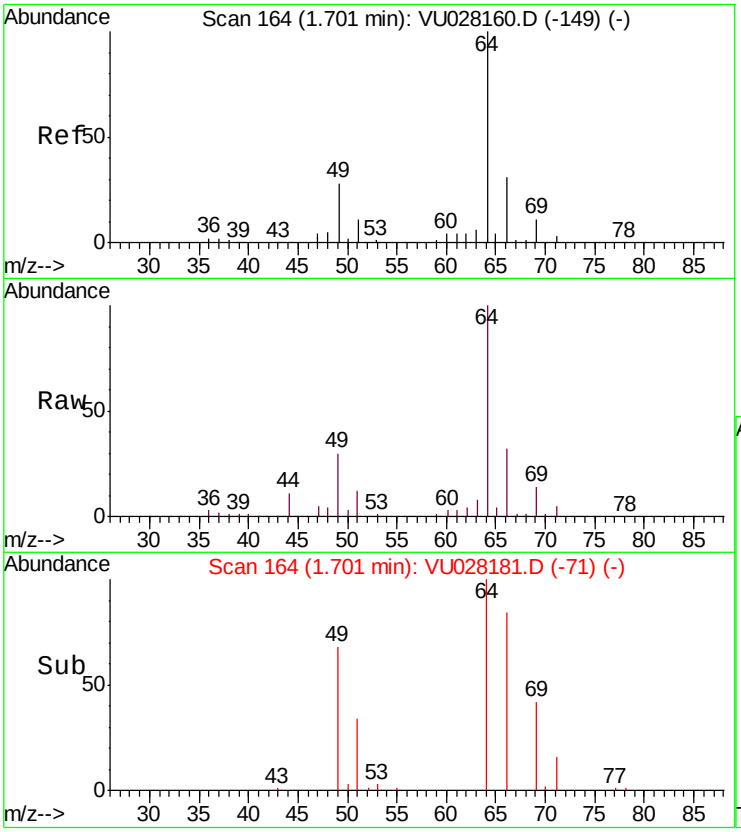


#6
Bromomethane
Concen: 2.791 ug/L
RT: 1.63 min Scan# 142
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 94 Resp: 25072

Ion	Ratio	Lower	Upper
94	100		
96	89.1	65.1	120.9



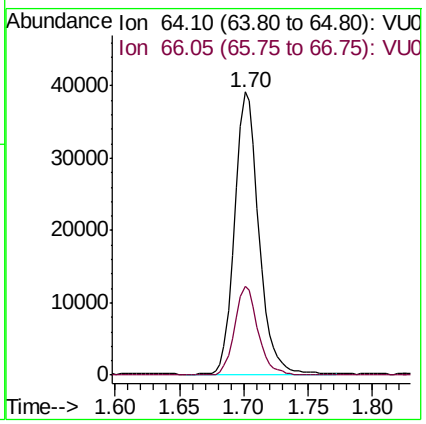


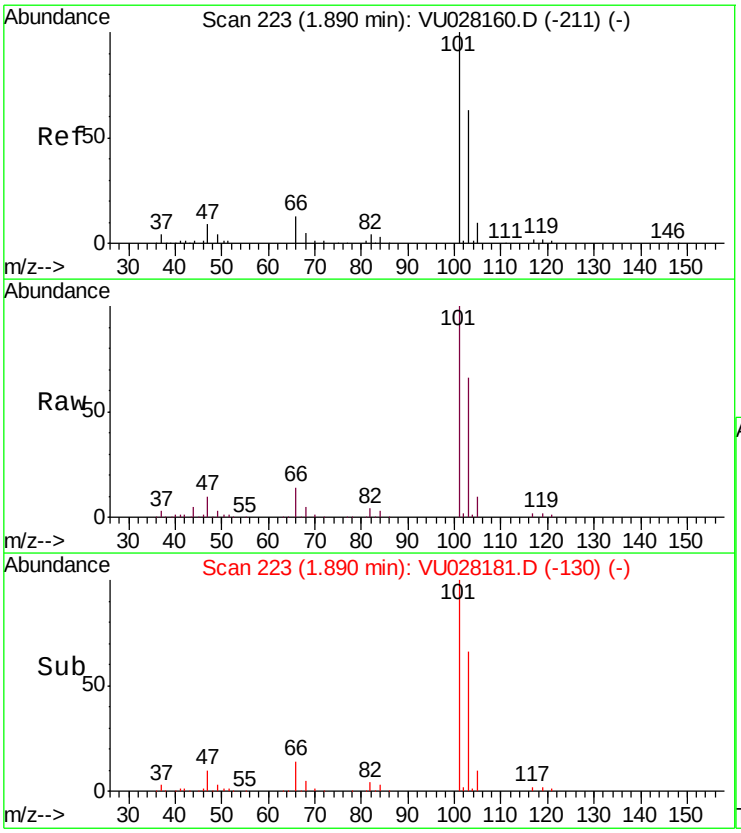
#8
Chloroethane
Concen: 4.490 ug/L
RT: 1.70 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 64 Resp: 50702

Ion	Ratio	Lower	Upper
64	100		
66	31.5	23.1	42.9

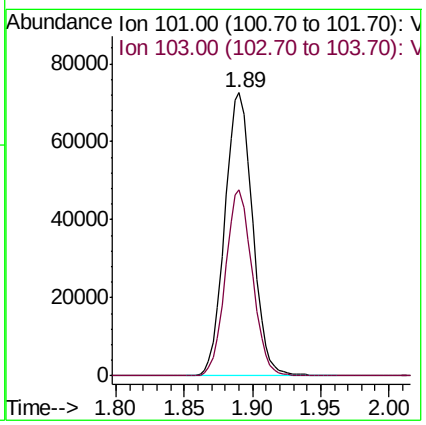


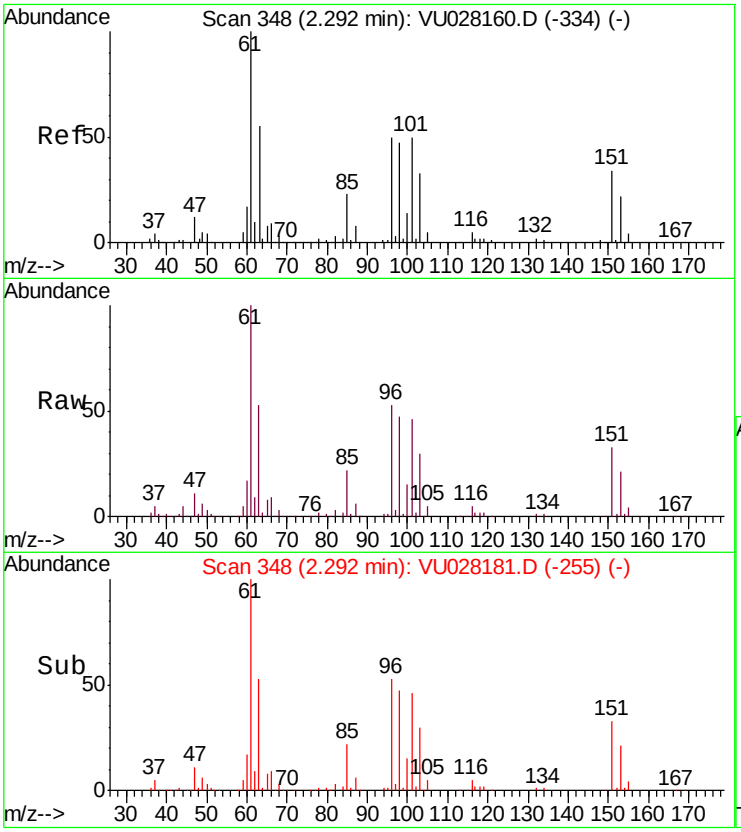


#9
Trichlorofluoromethane
Concen: 5.016 ug/L
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:101 Resp: 102639

Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.2	76.8



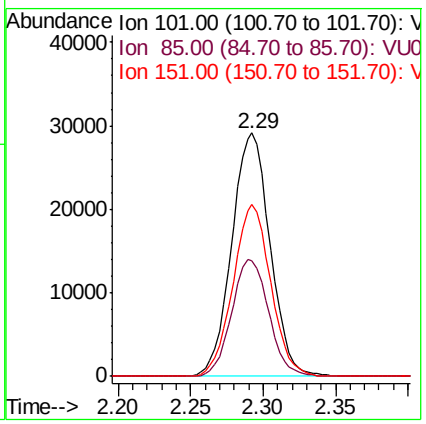


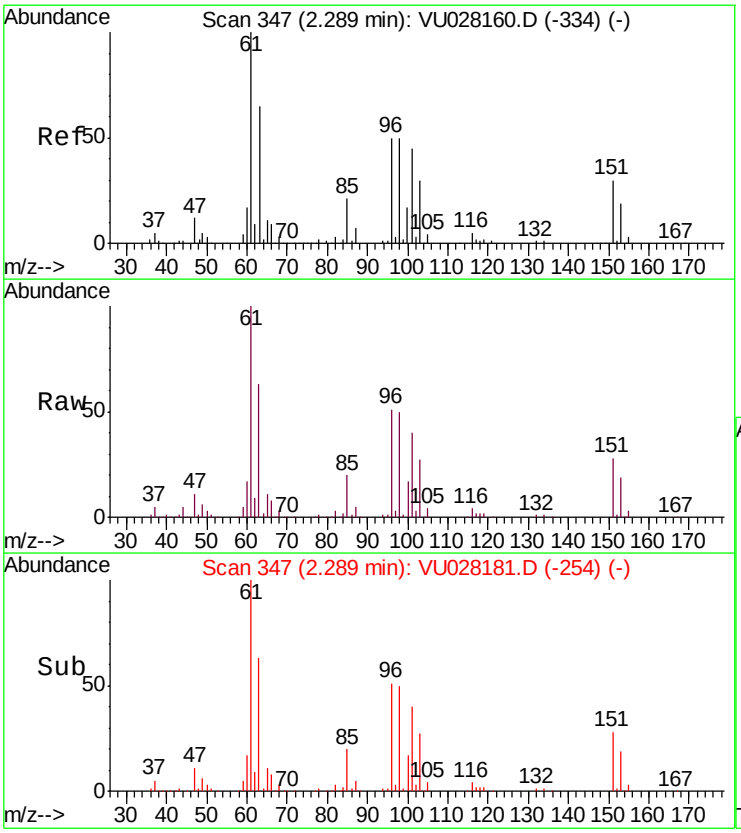
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.651 ug/L
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:101 Resp: 53423

Ion	Ratio	Lower	Upper
101	100		
85	46.4	37.6	56.4
151	69.7	58.2	87.2

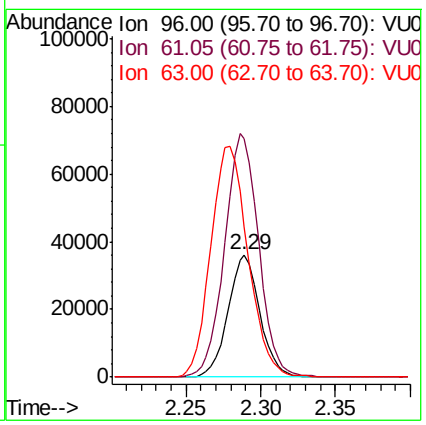


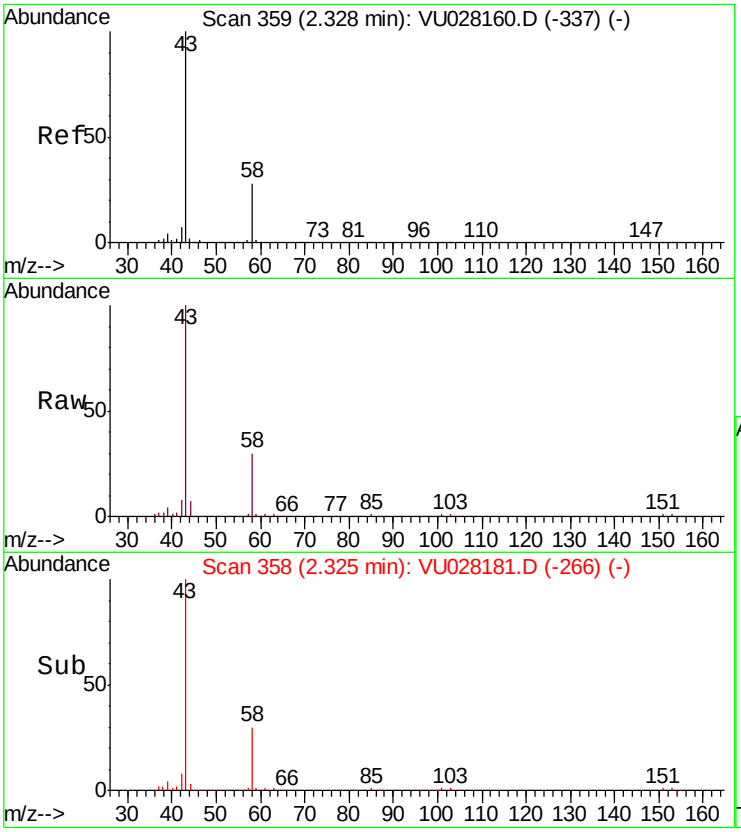


#12
1,1-Dichloroethene
Concen: 4.591 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 96 Resp: 53458

Ion	Ratio	Lower	Upper
96	100		
61	195.4	134.8	250.3
63	122.6	100.1	185.9



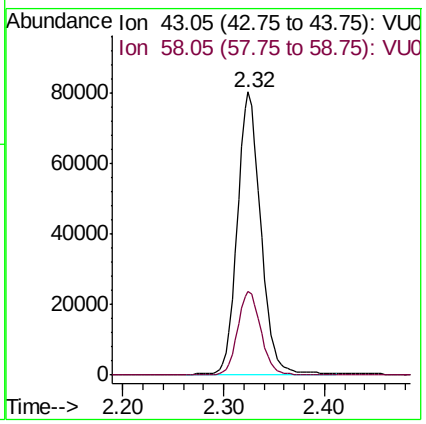


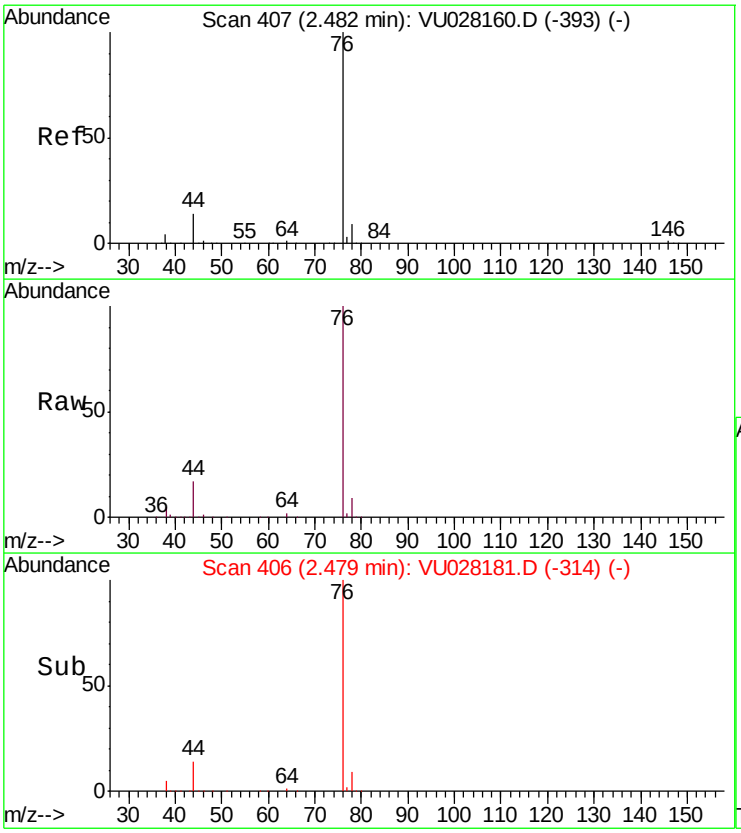
#13
Acetone
Concen: 45.506 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 43 Resp: 129174

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	61.6

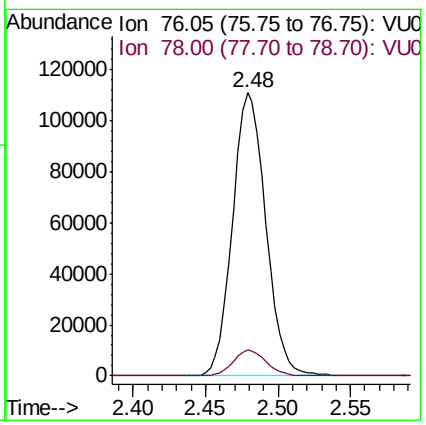


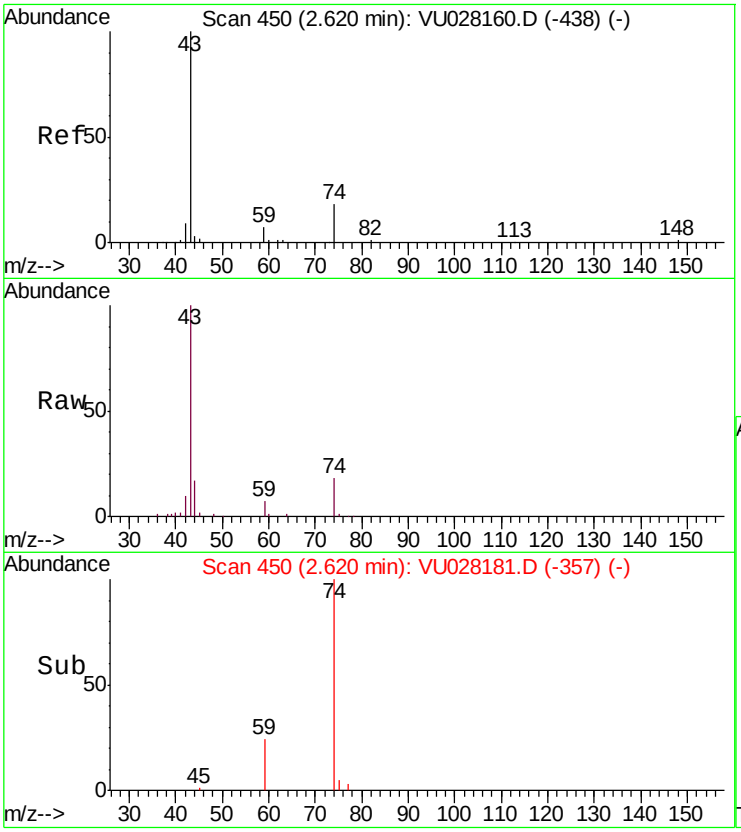


#14
Carbon disulfide
Concen: 4.532 ug/L
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 76 Resp: 176946

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4



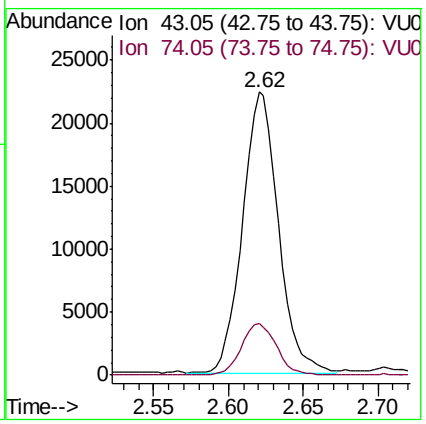


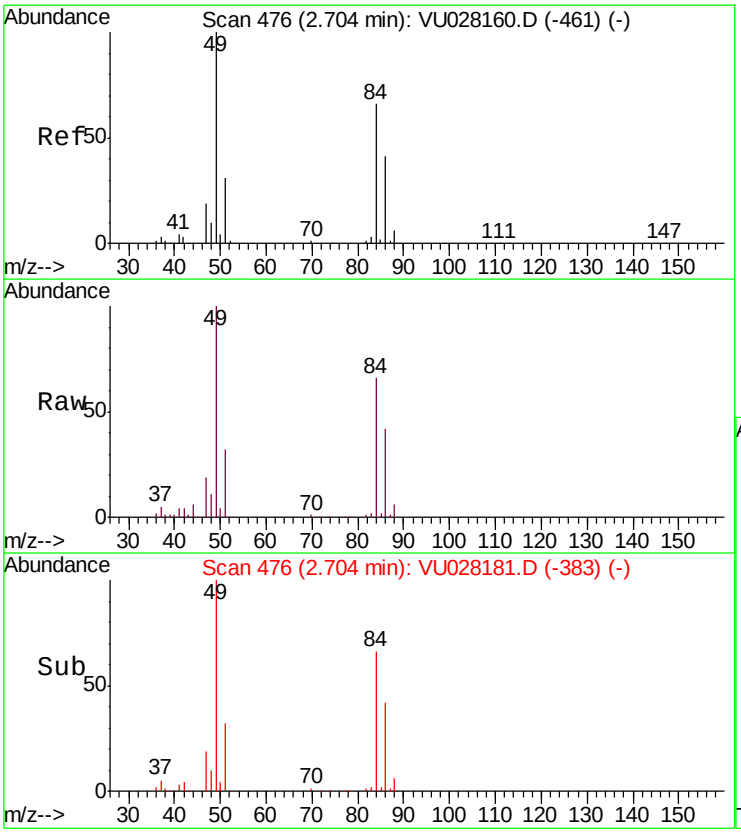
#15
Methyl Acetate
Concen: 4.877 ug/L
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 43 Resp: 37024

Ion	Ratio	Lower	Upper
43	100		
74	17.9	14.9	22.3

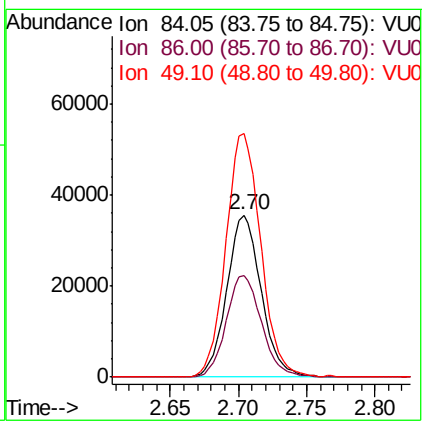


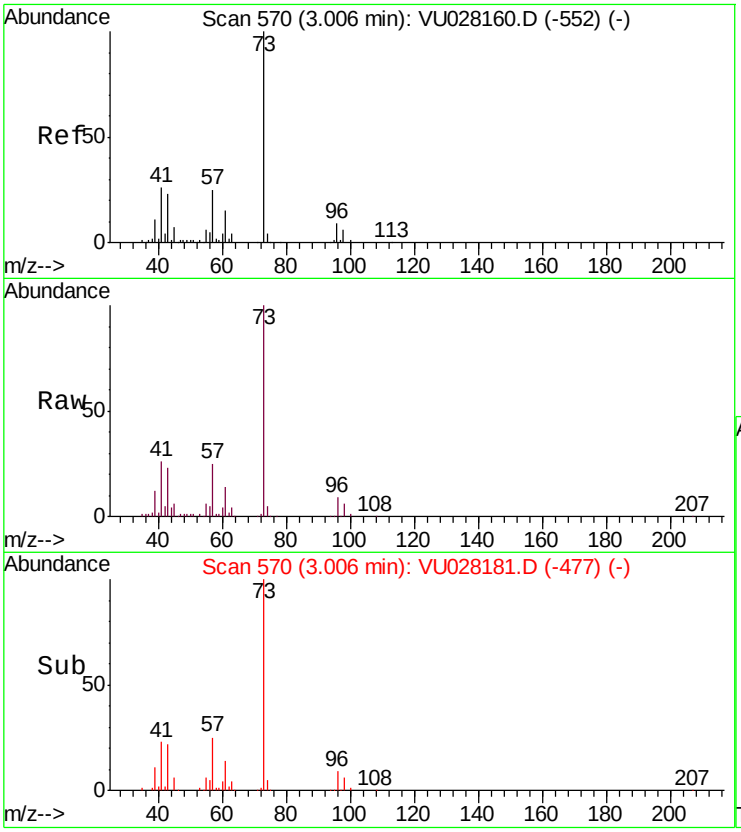


#16
Methylene chloride
Concen: 4.536 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 84 Resp: 62402

Ion	Ratio	Lower	Upper
84	100		
86	62.8	44.6	82.8
49	150.4	102.5	190.3



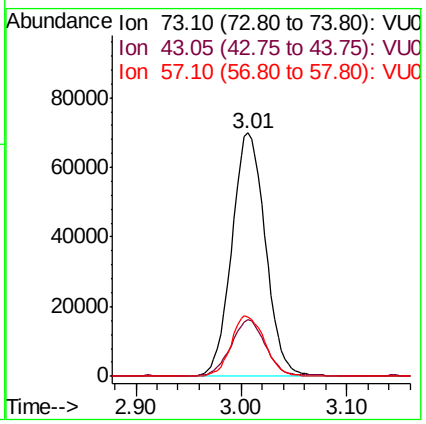


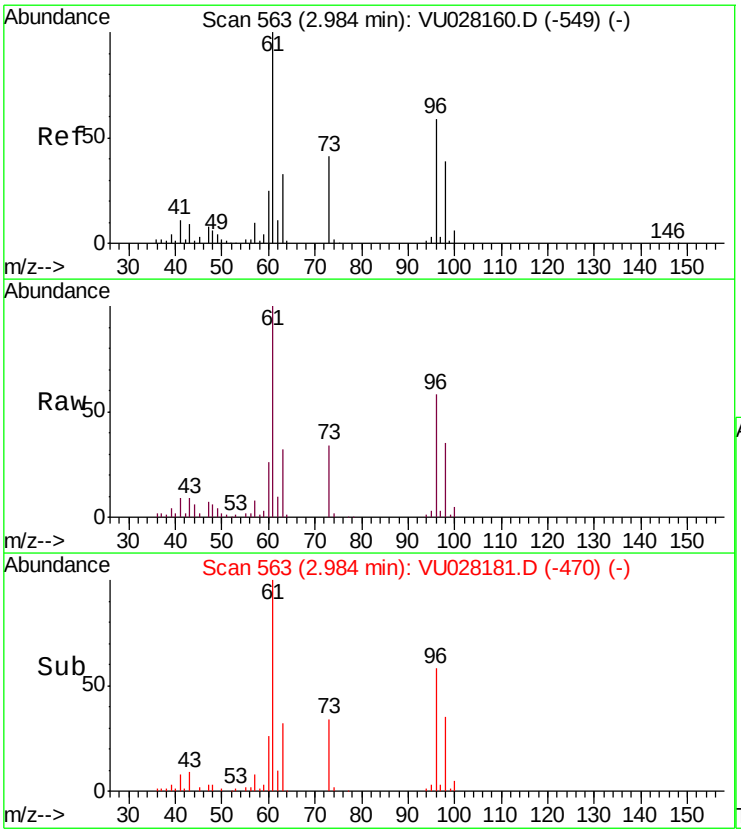
#17
Methyl tert-butyl Ether
Concen: 4.739 ug/L
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 73 Resp: 154271

Ion	Ratio	Lower	Upper
73	100		
43	24.4	18.1	27.1
57	24.9	20.0	30.0

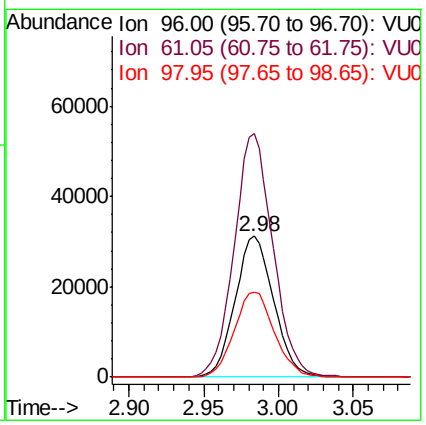


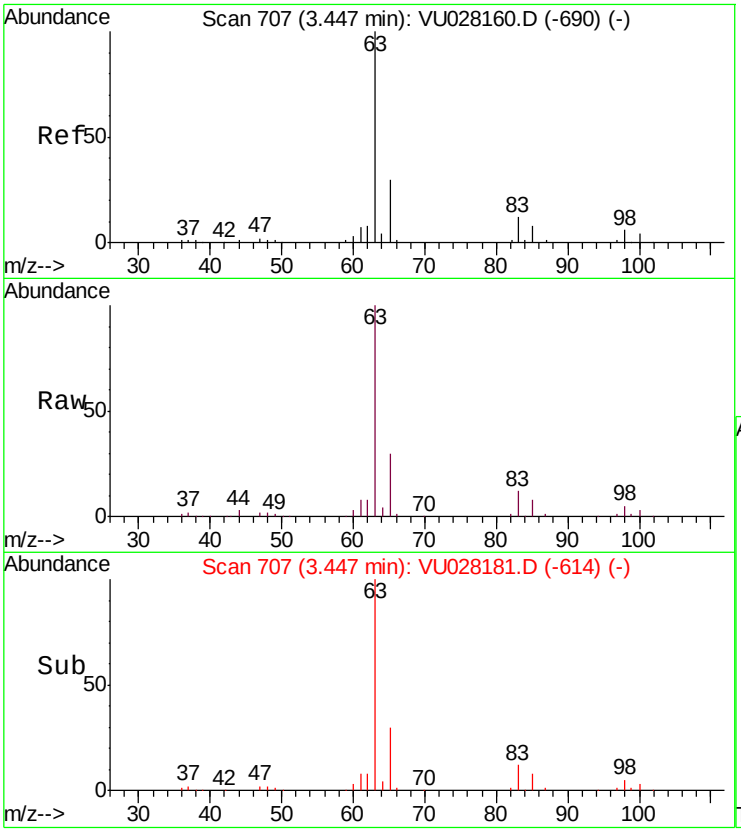


#18
trans-1,2-Dichloroethene
Concen: 4.514 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 96 Resp: 55884

Ion	Ratio	Lower	Upper
96	100		
61	173.1	118.5	220.1
98	60.8	44.9	83.5



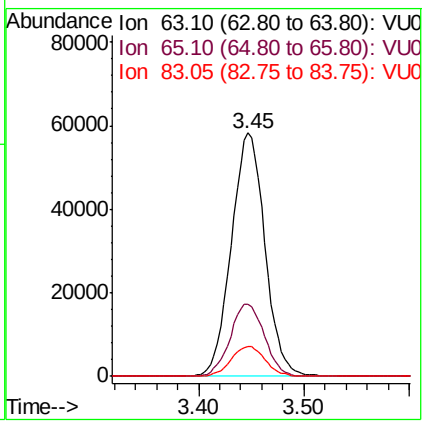


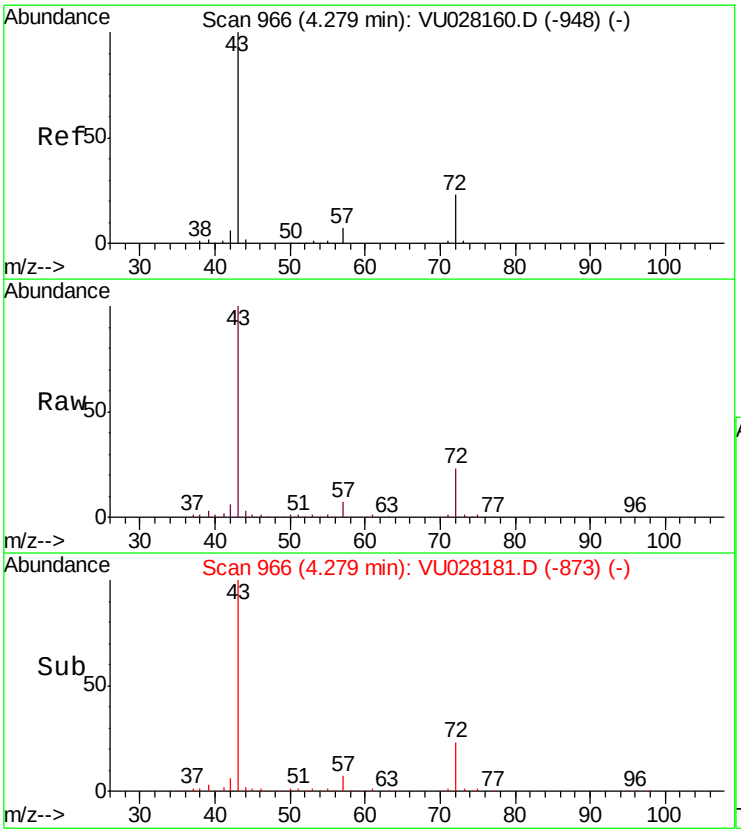
#19
1,1-Dichloroethane
Concen: 4.938 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 63 Resp: 128562

Ion	Ratio	Lower	Upper
63	100		
65	29.7	22.2	41.2
83	12.1	8.9	16.5

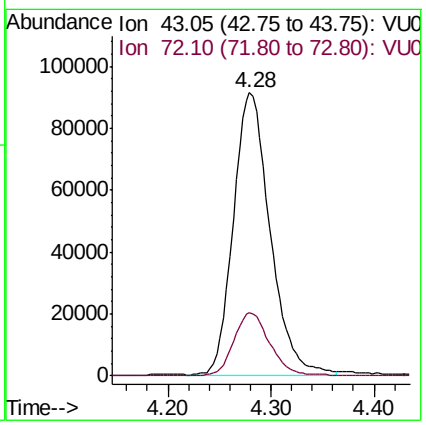


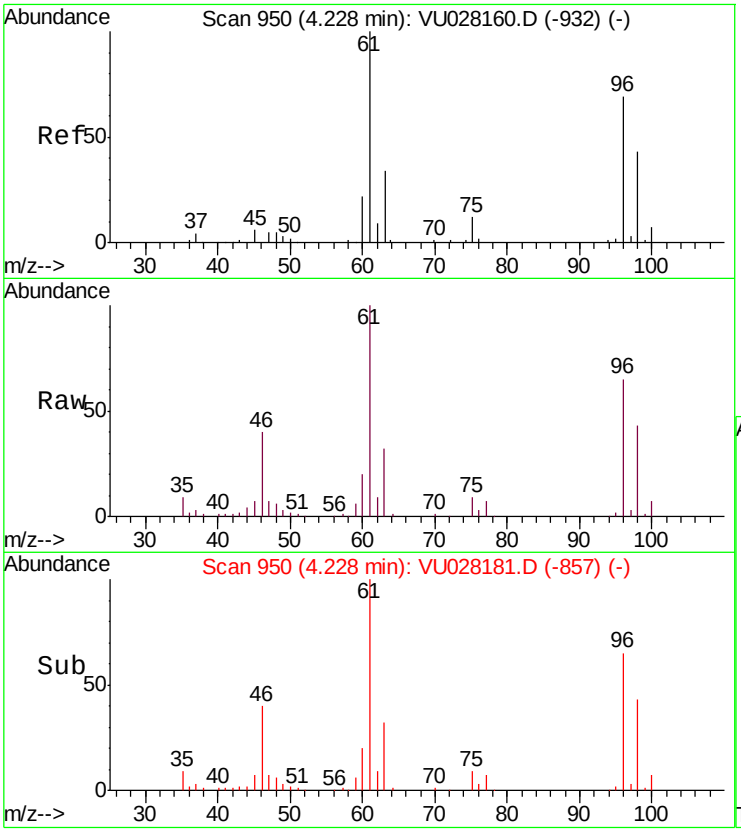


#21
2-Butanone
Concen: 50.372 ug/L
RT: 4.28 min Scan# 966
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 43 Resp: 225654

Ion	Ratio	Lower	Upper
43	100		
72	22.4	11.0	33.0



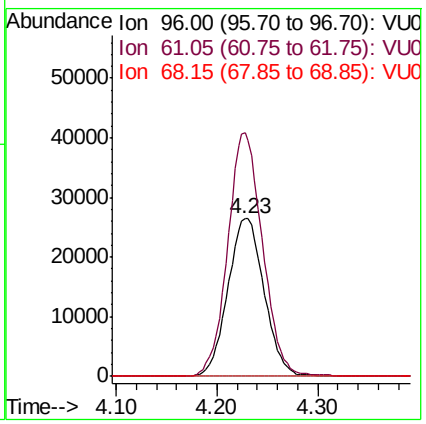


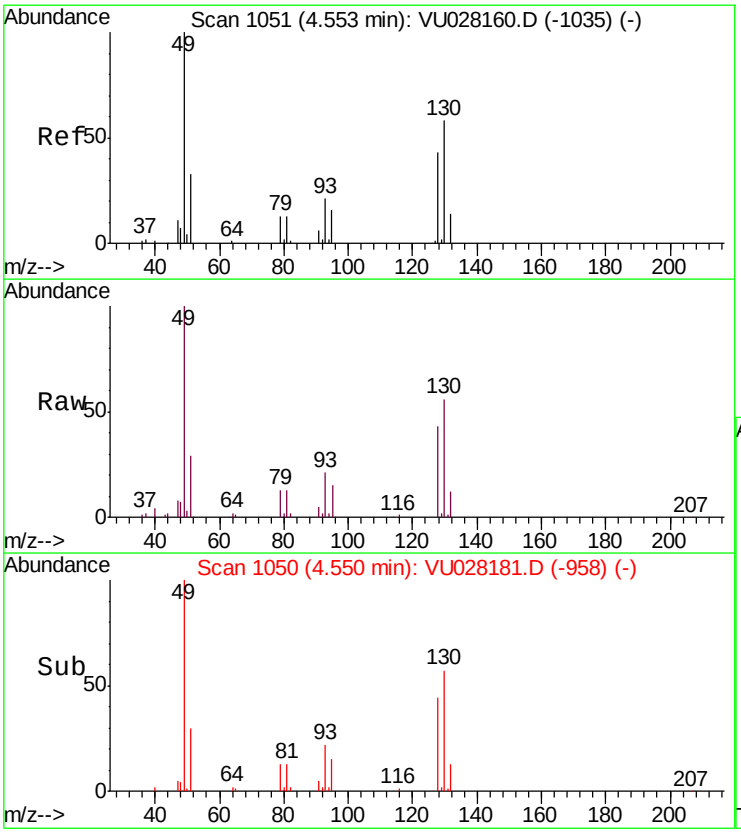
#22
cis-1,2-Dichloroethene
Concen: 4.831 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 96 Resp: 65938

Ion	Ratio	Lower	Upper
96	100		
61	154.5	101.8	189.0
68	0.0	0.0	0.0

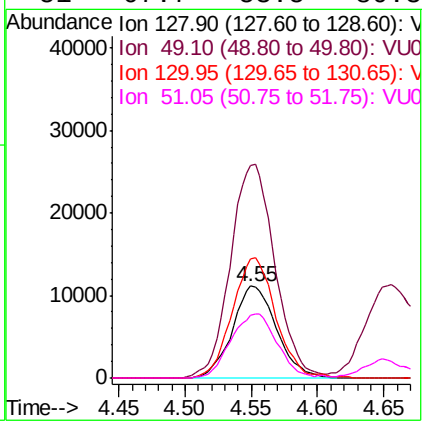


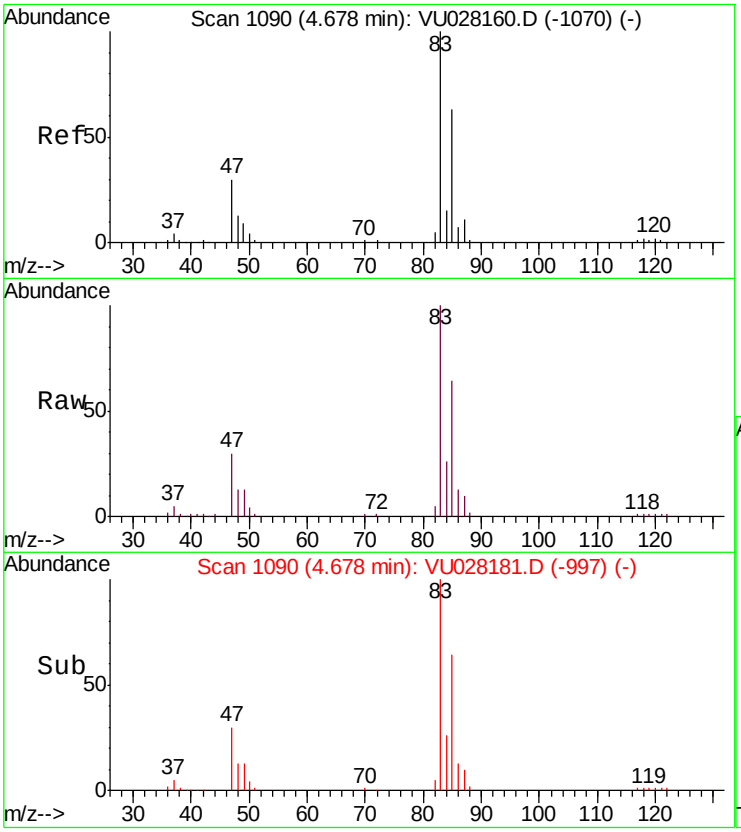


#23
Bromochloromethane
Concen: 4.775 ug/L
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:128 Resp: 25756

Ion	Ratio	Lower	Upper
128	100		
49	231.8	152.2	282.6
130	129.9	93.2	173.0
51	67.7	53.5	80.3



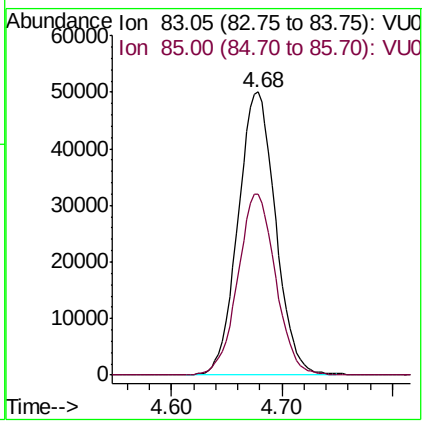


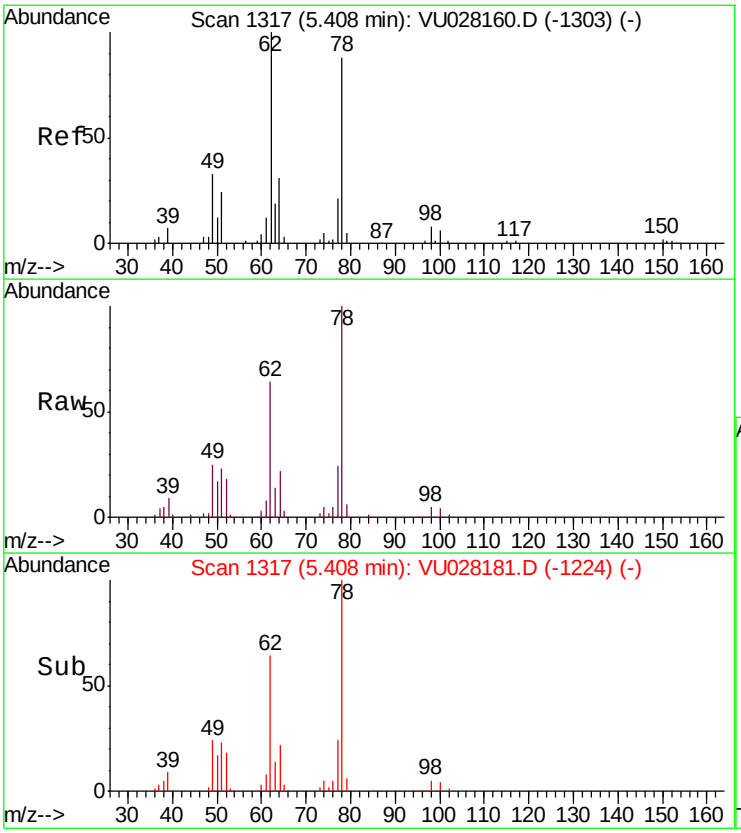
#25
Chloroform
Concen: 5.049 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 83 Resp: 117913

Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.0	83.6

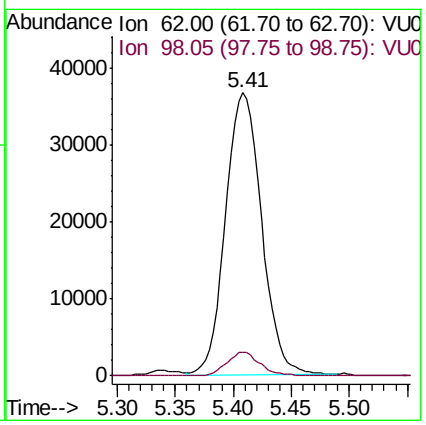


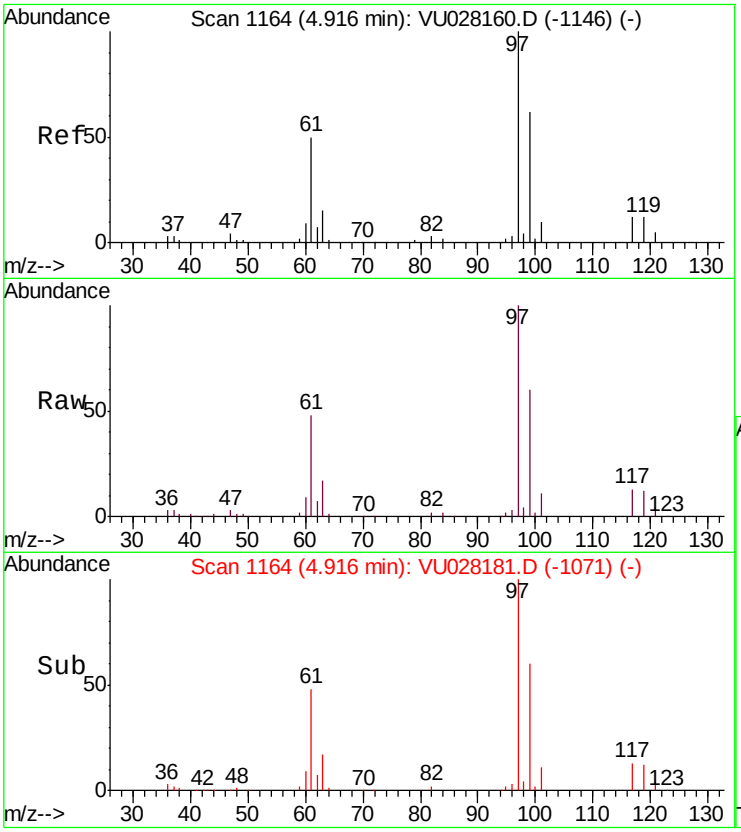


#27
1,2-Dichloroethane
Concen: 5.139 ug/L
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 62 Resp: 78891

Ion	Ratio	Lower	Upper
62	100		
98	8.5	7.0	10.4



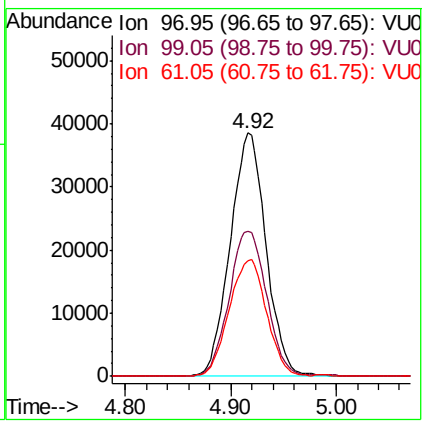


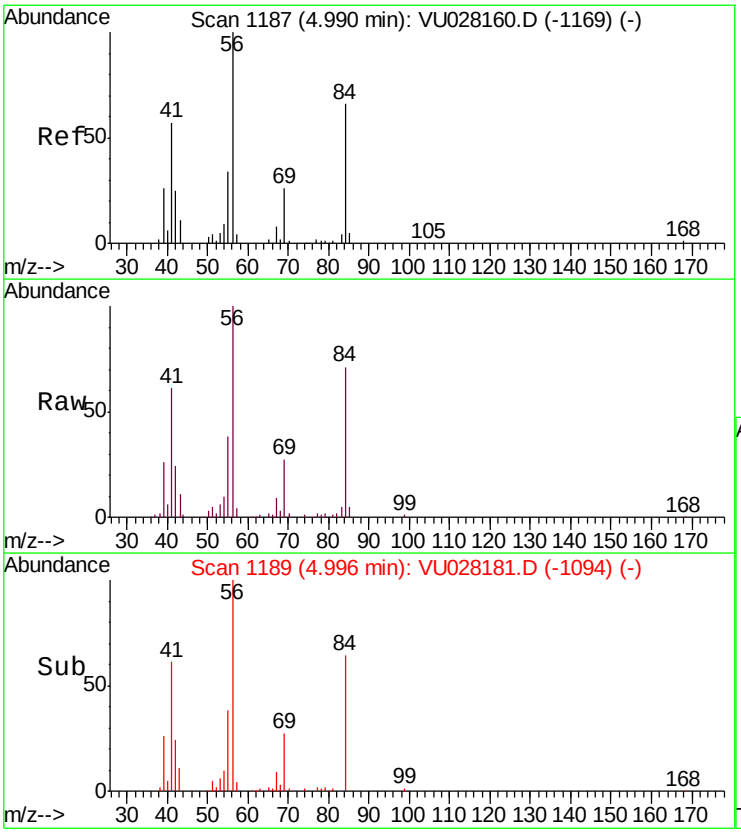
#29
1,1,1-Trichloroethane
Concen: 4.741 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 97 Resp: 90969

Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.2	76.8
61	50.2	39.4	59.2

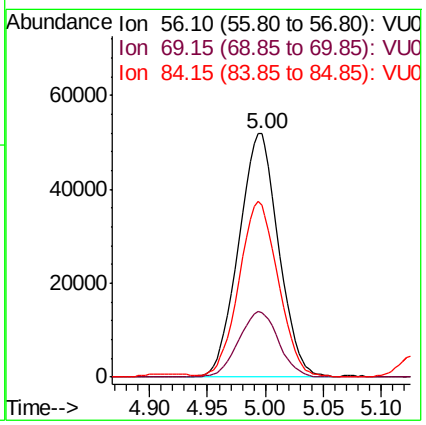


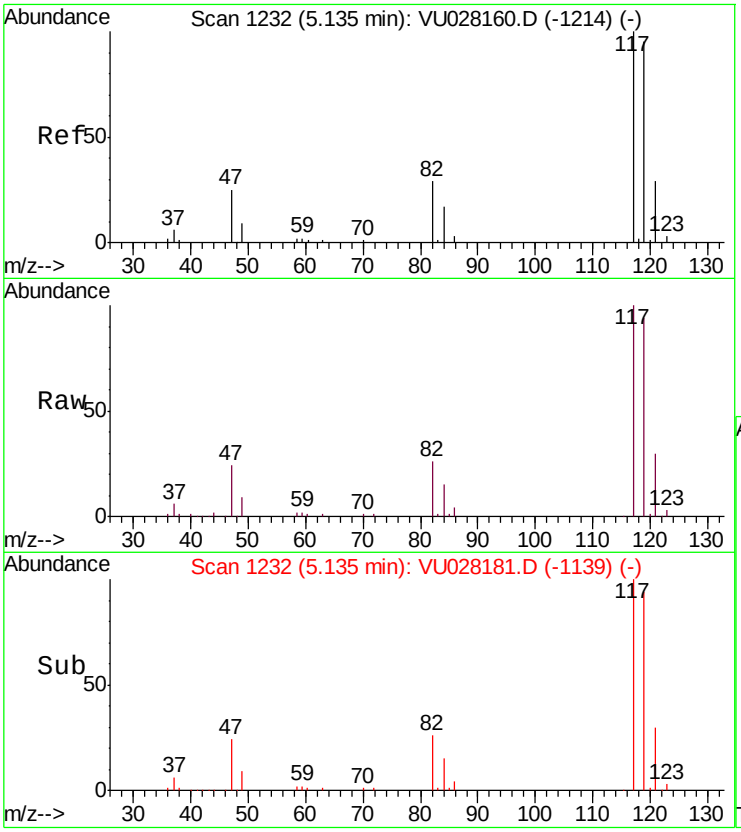


#30
Cyclohexane
Concen: 4.615 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 56 Resp: 124166

Ion	Ratio	Lower	Upper
56	100		
69	26.8	22.6	33.8
84	71.3	57.7	86.5



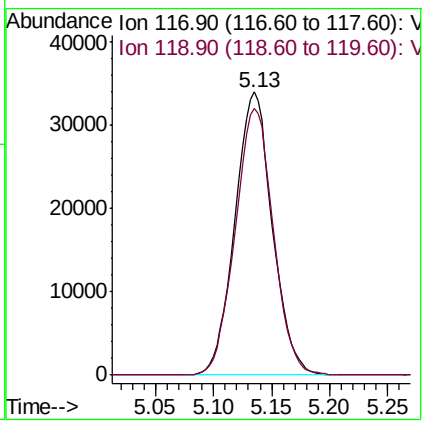


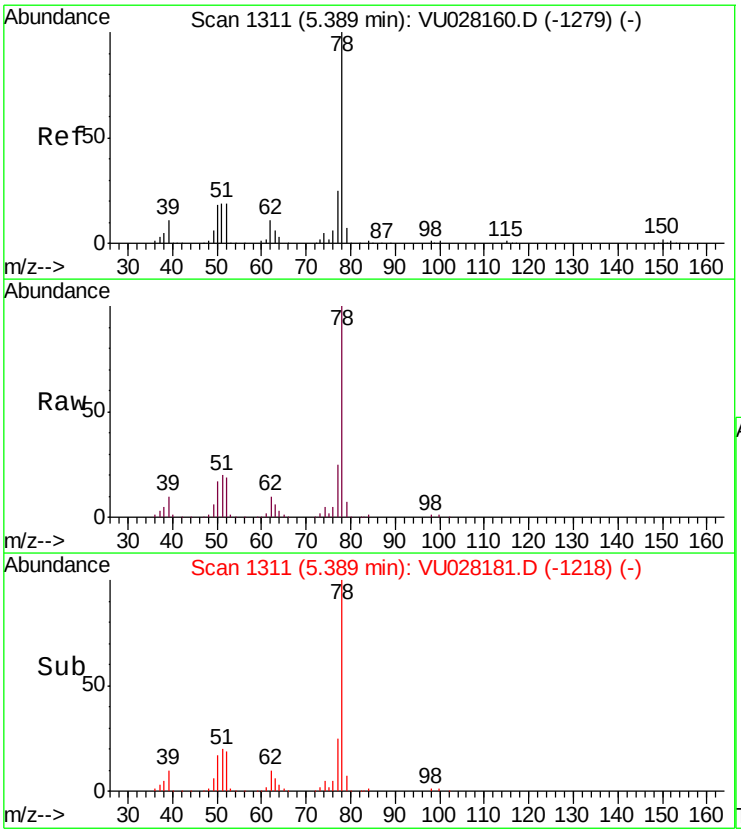
#31
Carbon tetrachloride
Concen: 4.783 ug/L
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:117 Resp: 76173

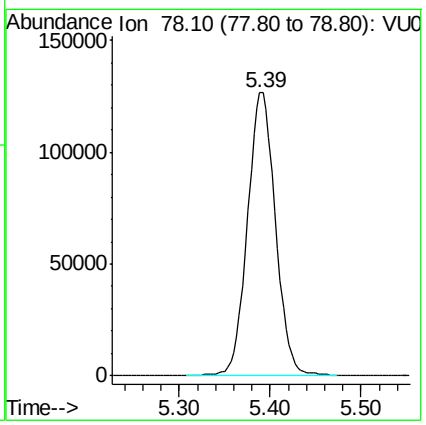
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.7	113.5

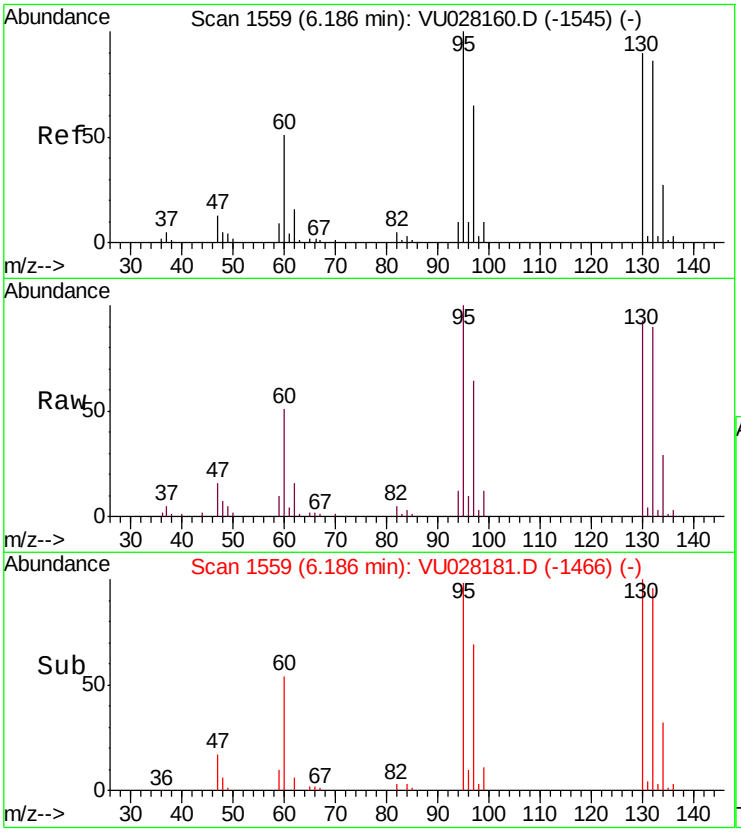




#33
Benzene
Concen: 4.750 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 78 Resp: 271284



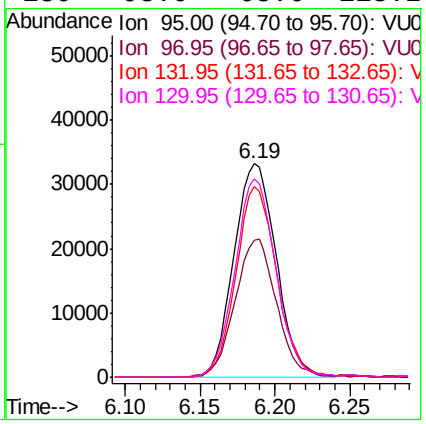


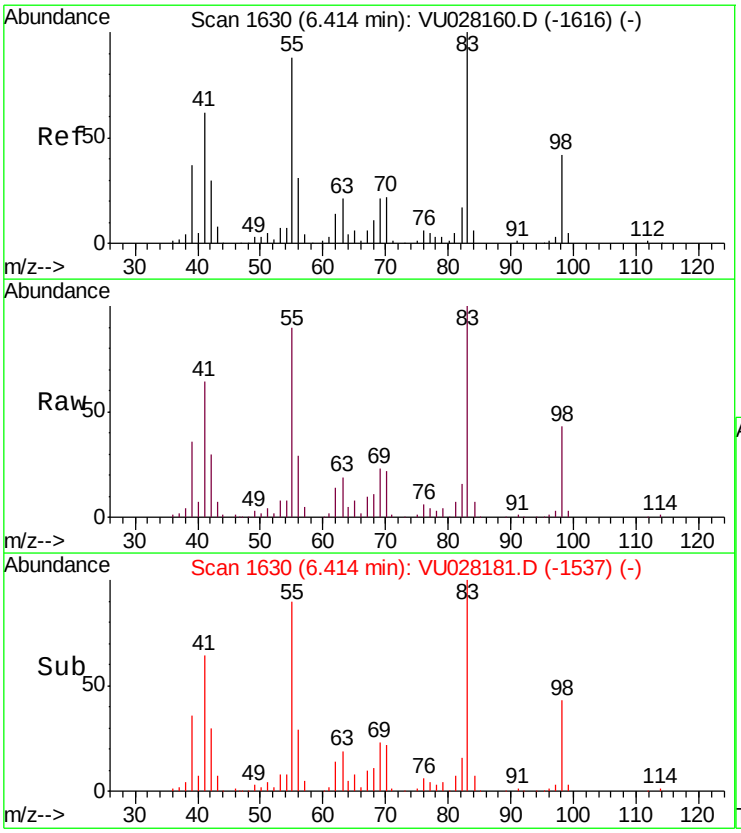
#34
Trichloroethene
Concen: 4.643 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 95 Resp: 65542

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.3	84.1
132	89.5	63.0	117.0
130	93.0	63.6	118.2

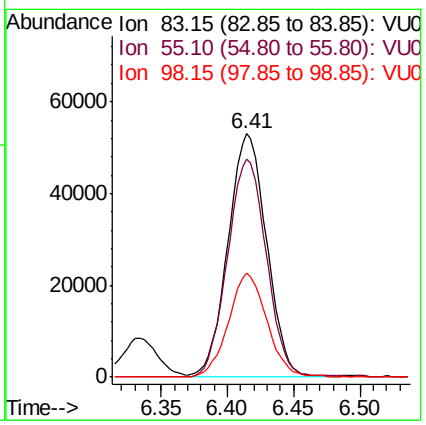


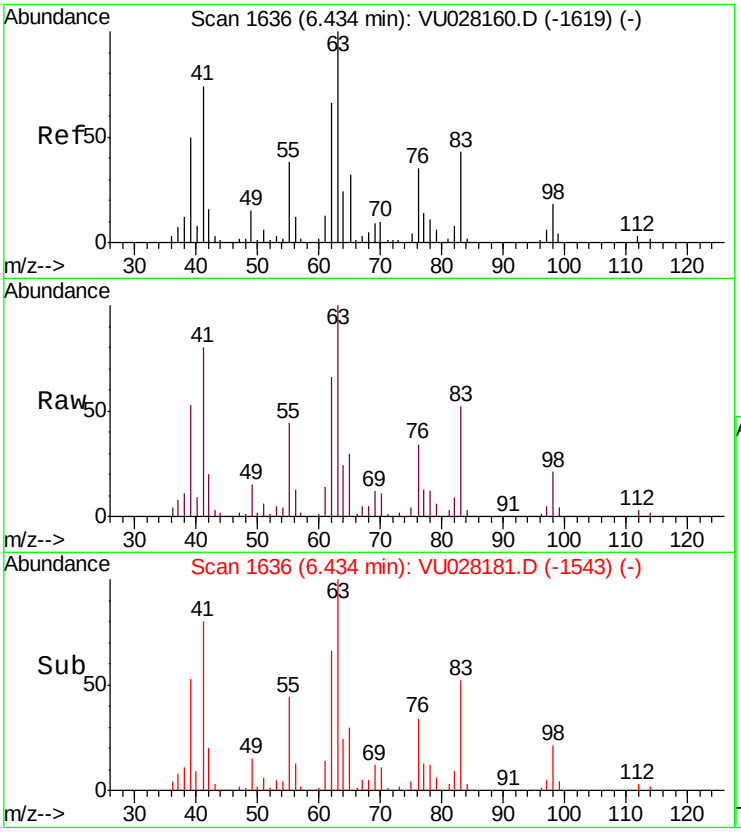


#35
Methylcyclohexane
Concen: 4.397 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 83 Resp: 106716

Ion	Ratio	Lower	Upper
83	100		
55	90.9	69.0	103.4
98	42.7	33.3	49.9



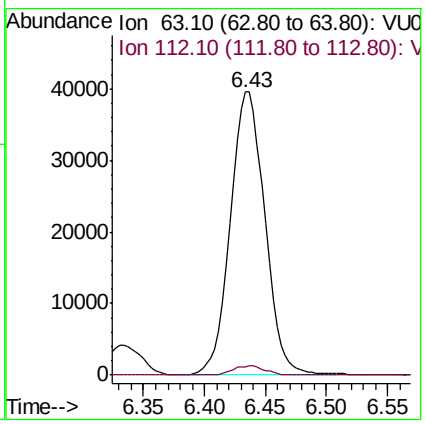


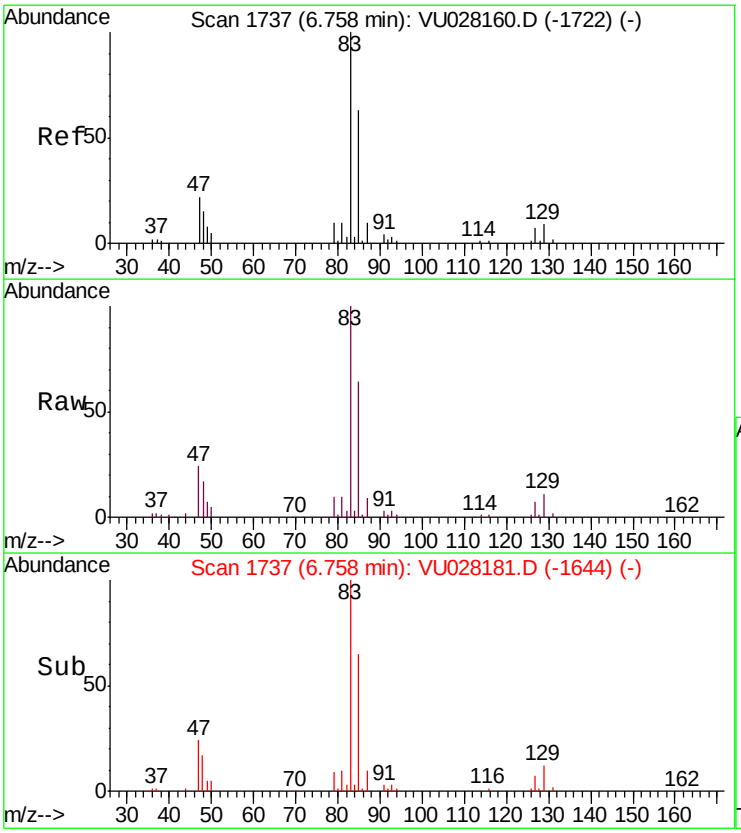
#37
1,2-Dichloropropane
Concen: 4.925 ug/L
RT: 6.43 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 63 Resp: 77783

Ion	Ratio	Lower	Upper
63	100		
112	3.1	2.2	3.4

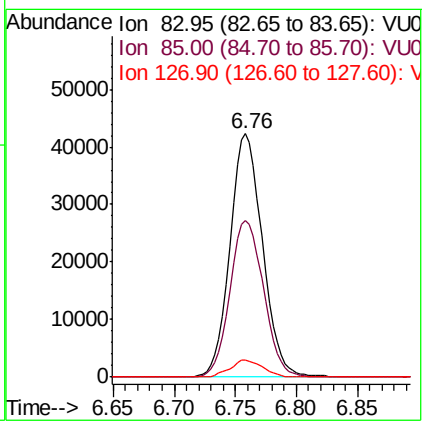


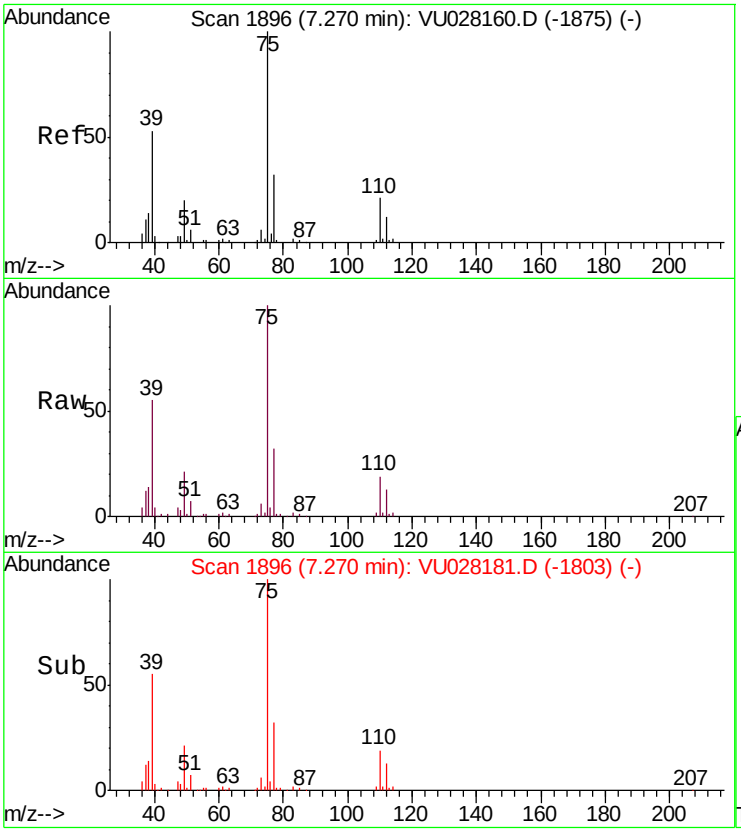


#38
Bromodichloromethane
Concen: 4.657 ug/L
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 83 Resp: 78275

Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.5	82.7
127	6.9	6.8	10.2



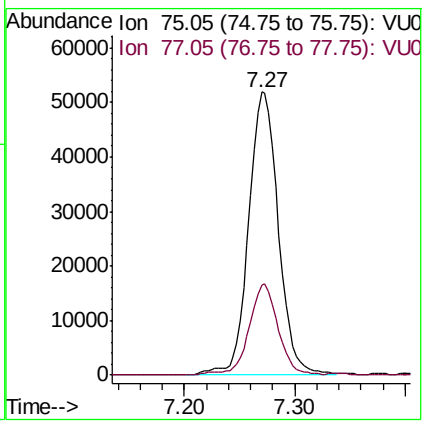


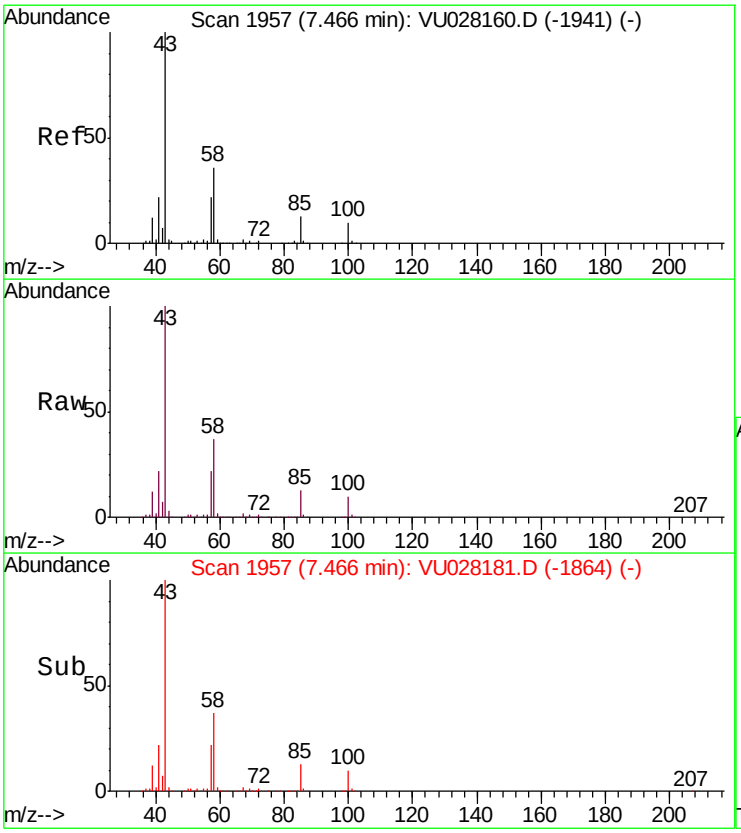
#39
cis-1,3-Dichloropropene
Concen: 4.552 ug/L
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 75 Resp: 97219

Ion	Ratio	Lower	Upper
75	100		
77	31.7	20.9	38.9

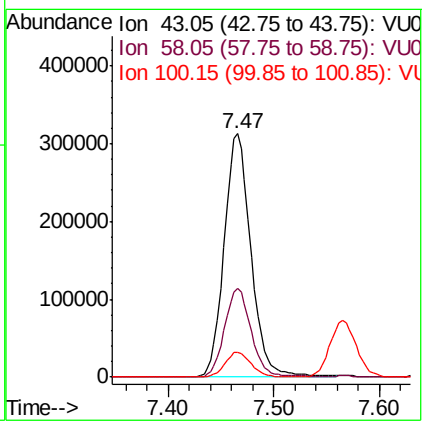


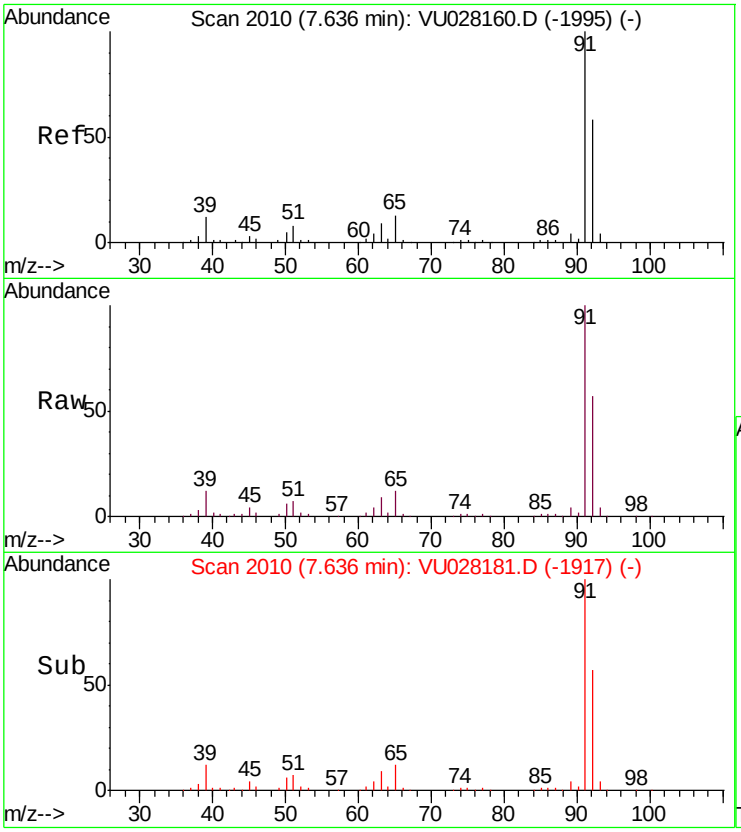


#40
4-Methyl-2-pentanone
Concen: 50.381 ug/L
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 43 Resp: 547990

Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.9	44.9
100	10.1	9.1	13.7



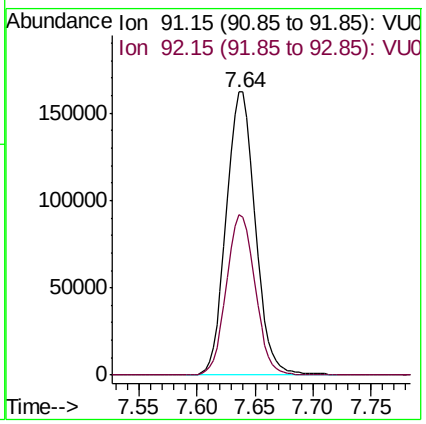


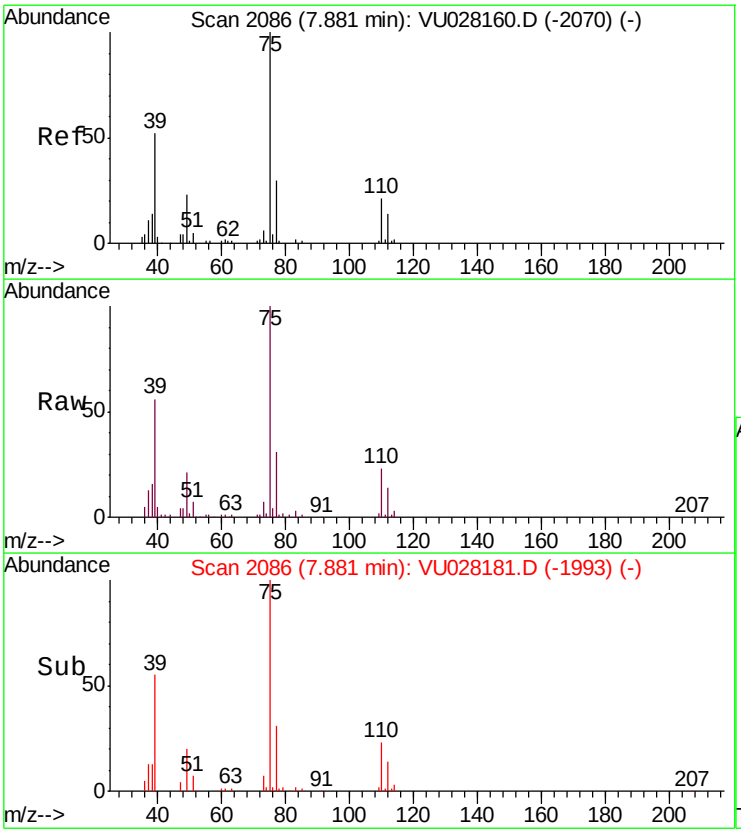
#42
Toluene
Concen: 4.777 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 91 Resp: 281323

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.7	75.7

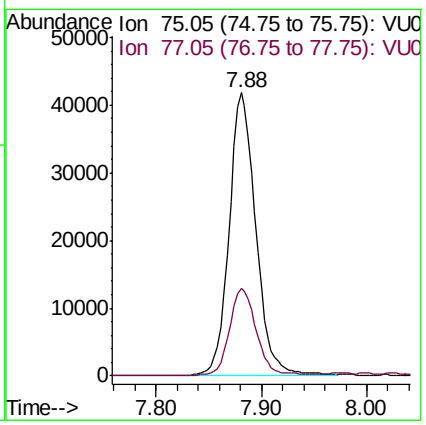


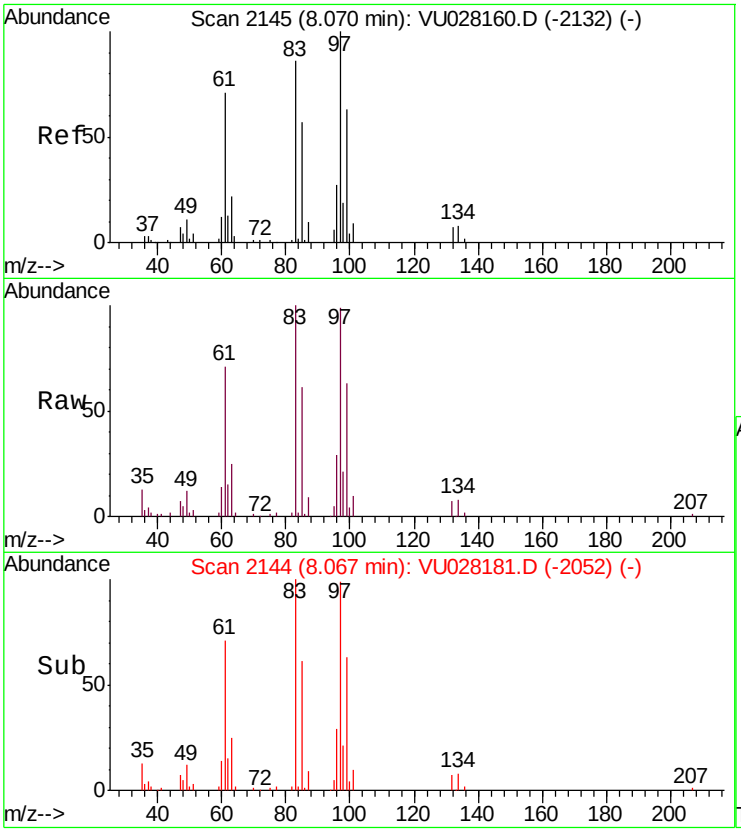


#44
trans-1,3-Dichloropropene
Concen: 4.395 ug/L
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 75 Resp: 73544

Ion	Ratio	Lower	Upper
75	100		
77	30.9	22.5	41.7



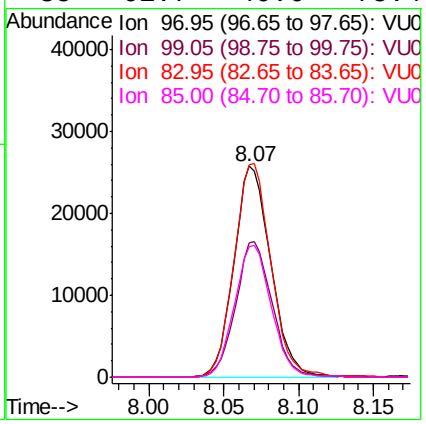


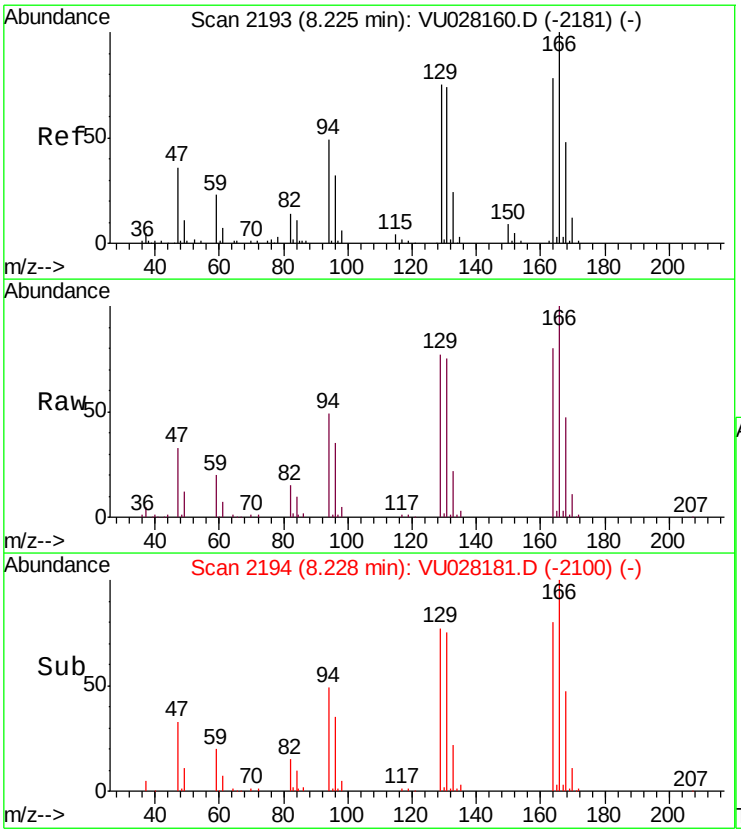
#45
1,1,2-Trichloroethane
Concen: 4.638 ug/L
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 97 Resp: 44230

Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.1	78.1
83	100.7	63.7	118.3
85	61.7	40.6	75.4

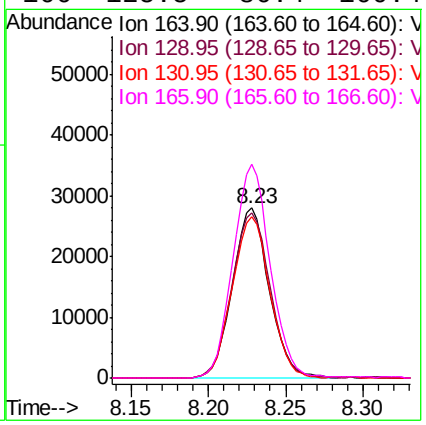


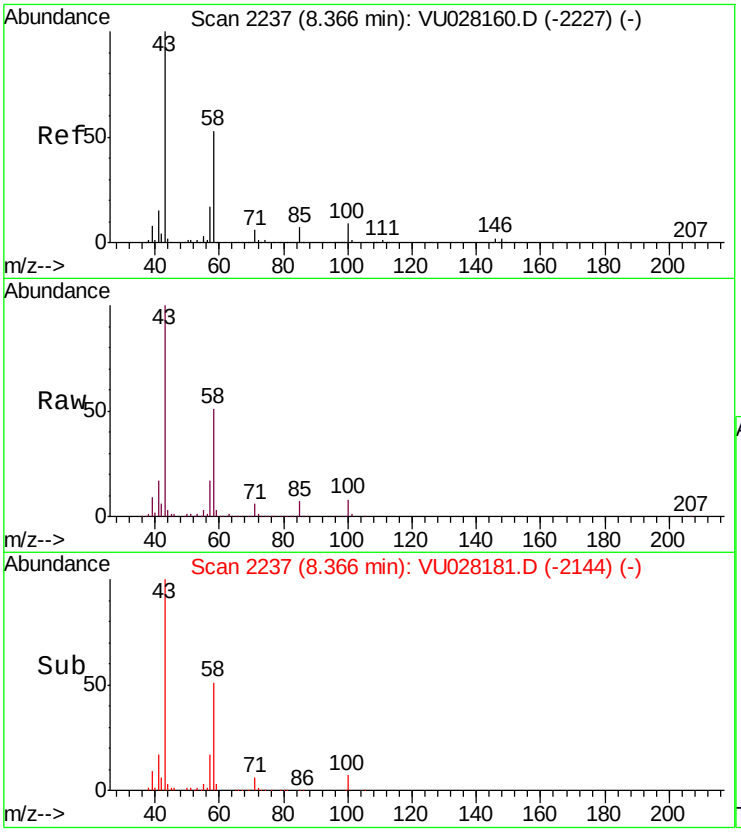


#47
Tetrachloroethene
Concen: 4.016 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:164 Resp: 46087

Ion	Ratio	Lower	Upper
164	100		
129	96.8	69.7	129.4
131	94.5	64.0	118.8
166	125.5	86.4	160.4



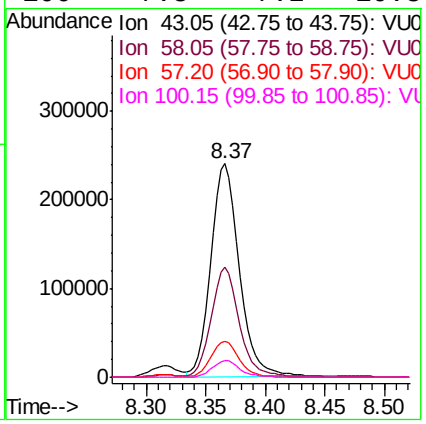


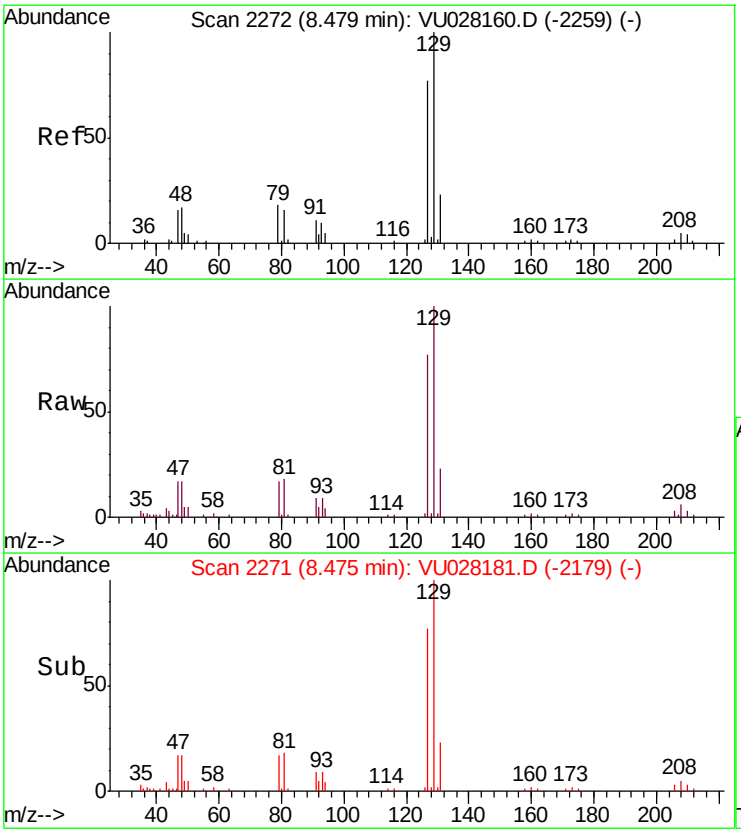
#48
2-Hexanone
Concen: 51.502 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 43 Resp: 398597

Ion	Ratio	Lower	Upper
43	100		
58	51.0	41.7	62.5
57	16.8	14.0	21.0
100	7.8	7.2	10.8

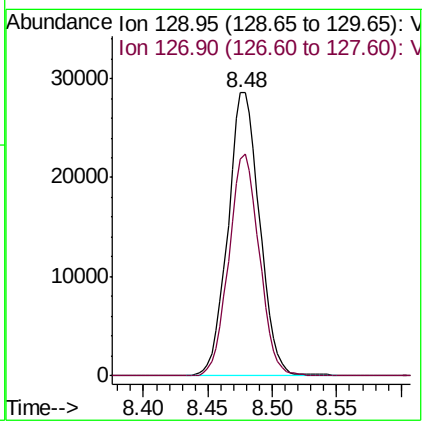


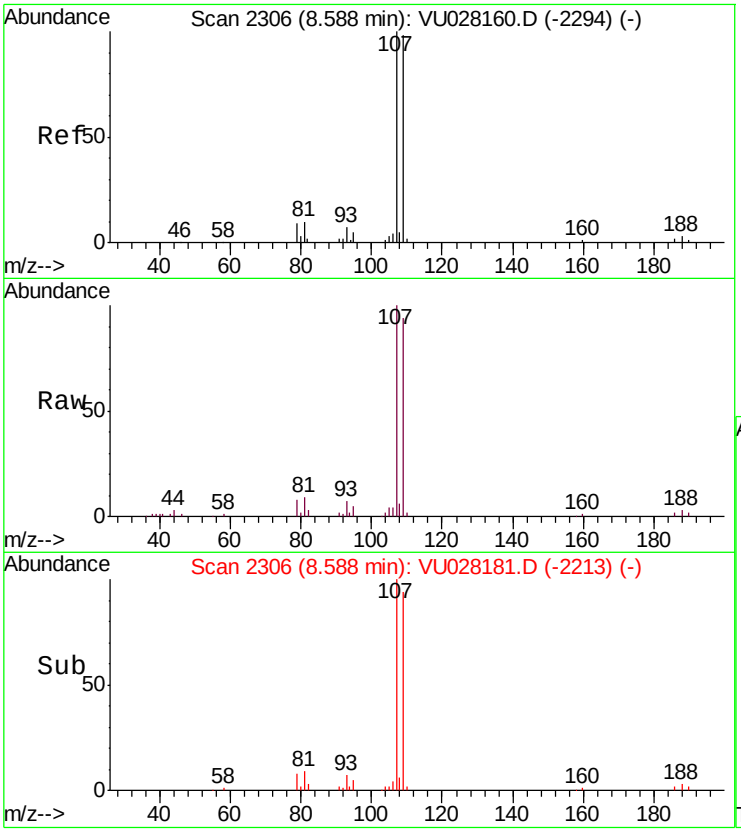


#49
Dibromochloromethane
Concen: 4.809 ug/L
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:129 Resp: 48823

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.1	100.5



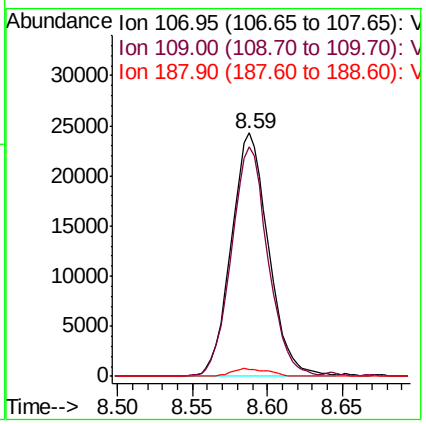


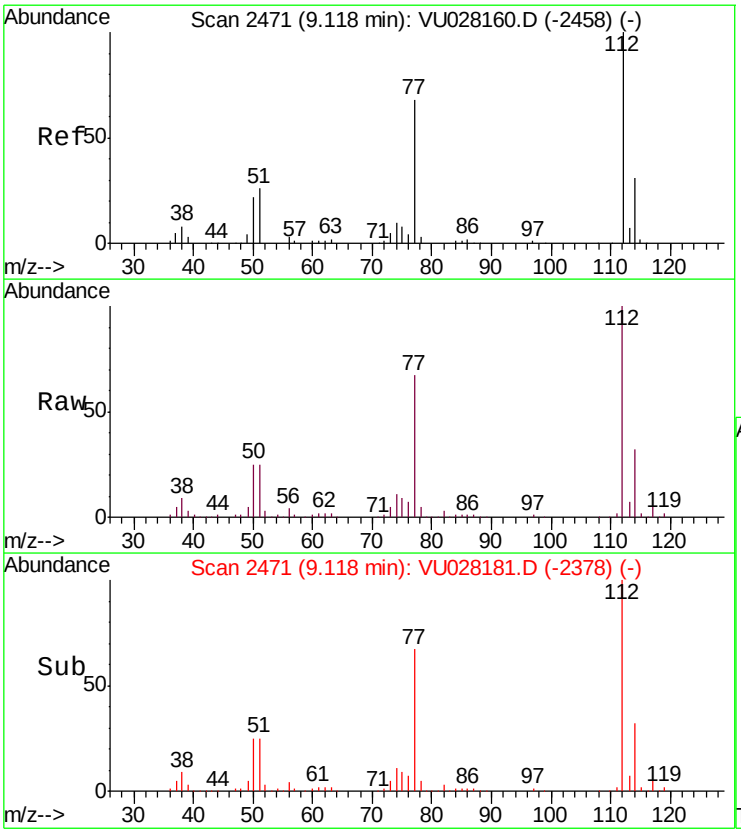
#50
1,2-Dibromoethane
Concen: 4.688 ug/L
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:107 Resp: 42087

Ion	Ratio	Lower	Upper
107	100		
109	94.0	66.6	123.8
188	2.9	2.5	3.7

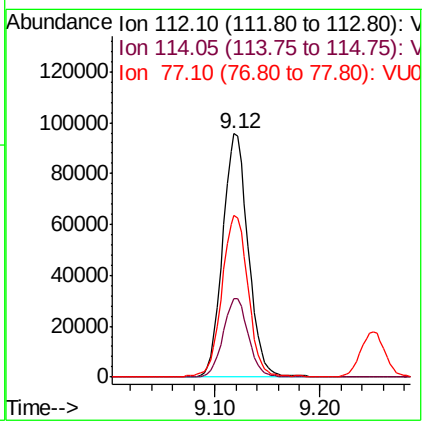


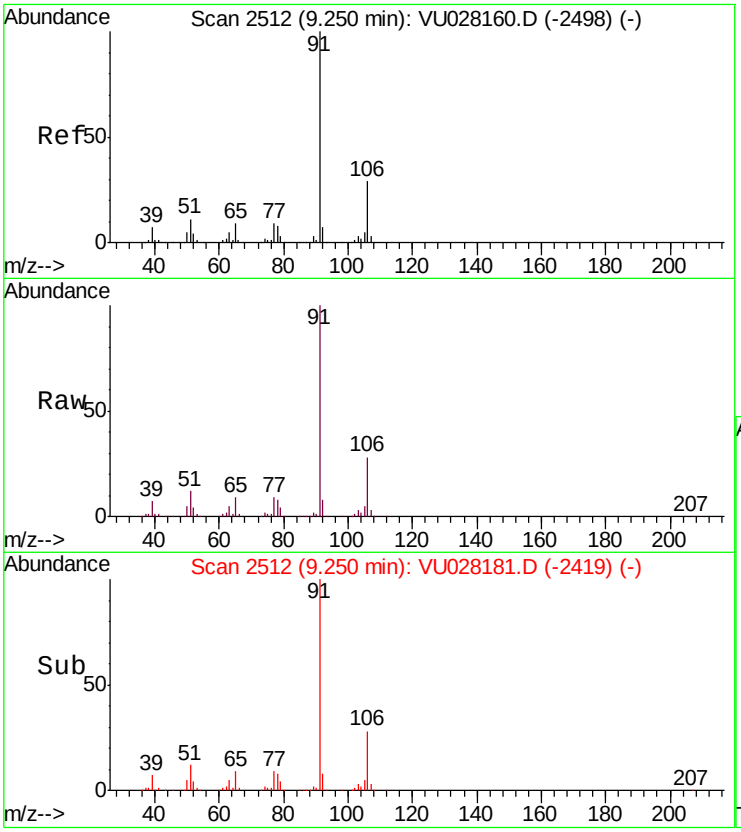


#51
Chlorobenzene
Concen: 4.660 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:112 Resp: 160455

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.5	41.7
77	66.6	51.3	76.9



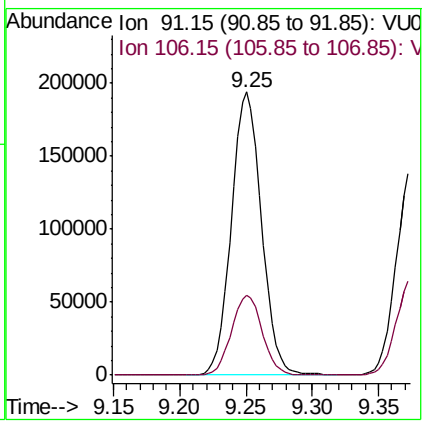


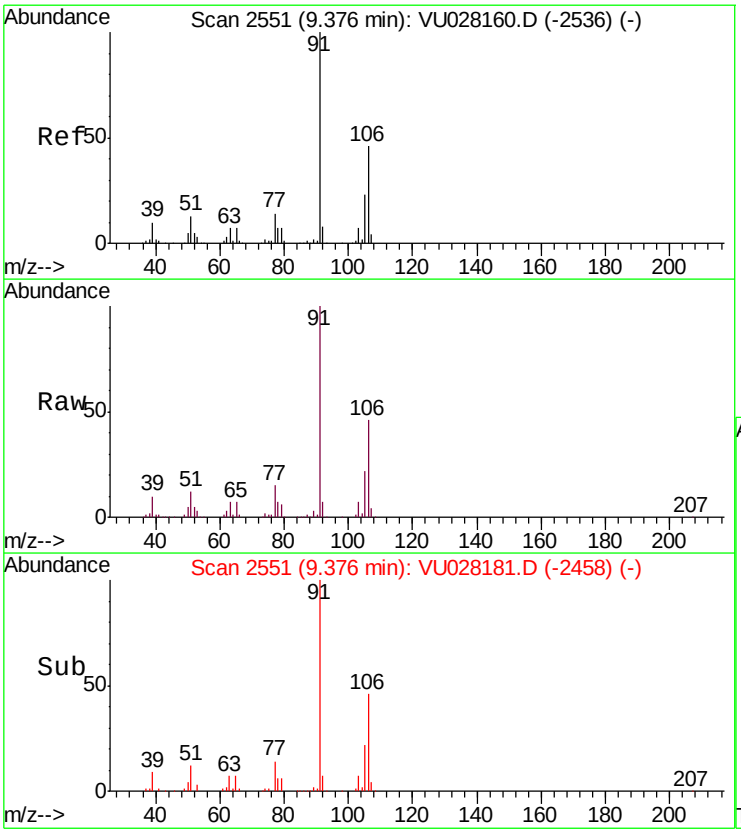
#52
Ethylbenzene
Concen: 4.762 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 91 Resp: 306074

Ion	Ratio	Lower	Upper
91	100		
106	28.1	20.9	38.7

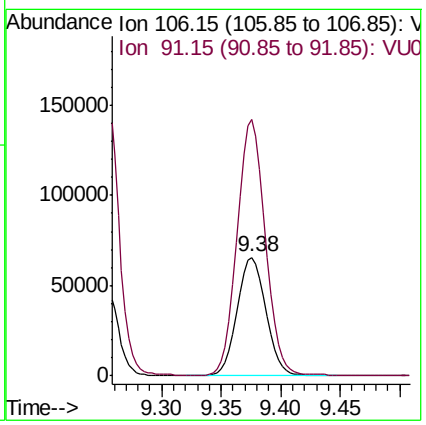


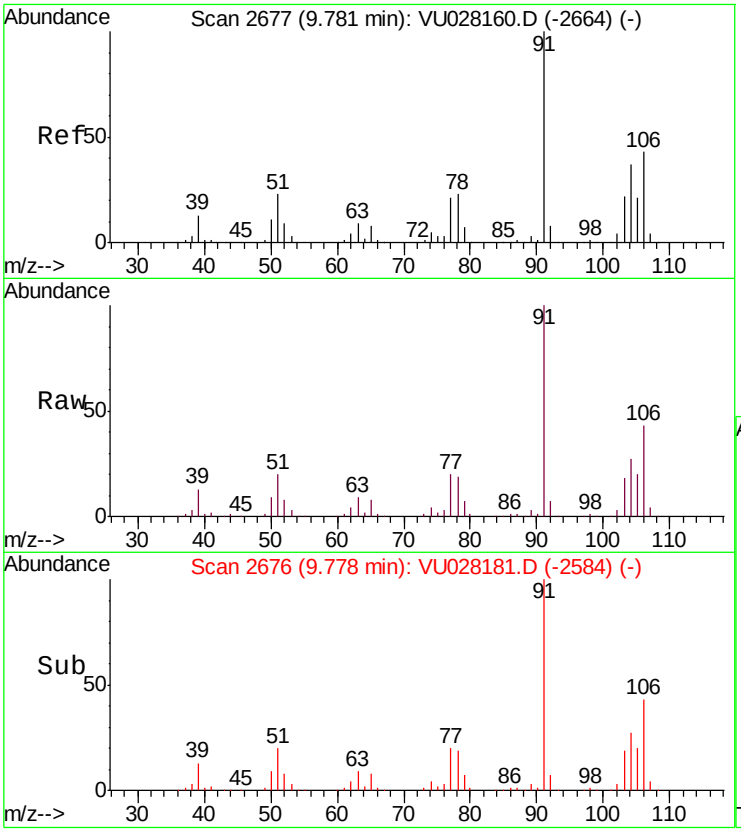


#53
m,p-xylene
Concen: 4.706 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:106 Resp: 110214

Ion	Ratio	Lower	Upper
106	100		
91	215.8	145.7	270.7



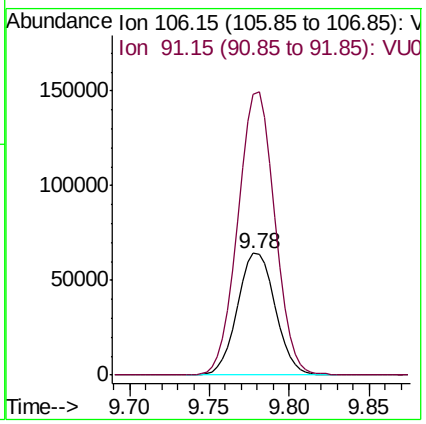


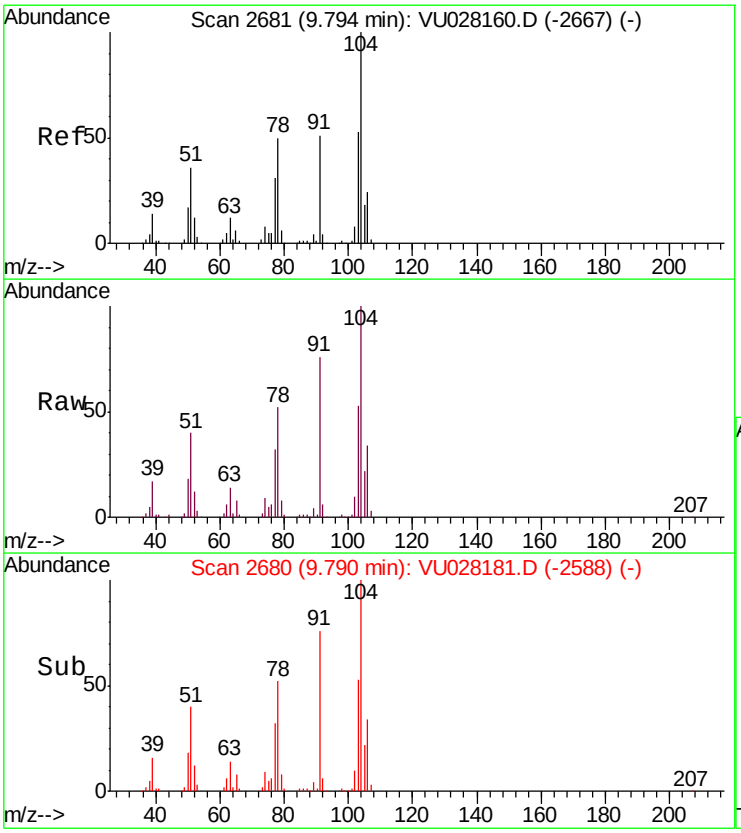
#54
o-xylene
Concen: 4.592 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion:106 Resp: 103537

Ion	Ratio	Lower	Upper
106	100		
91	230.7	158.7	294.7

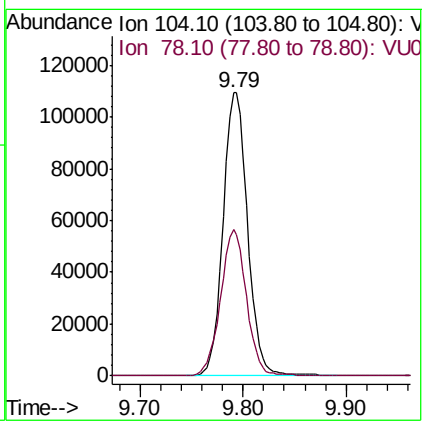


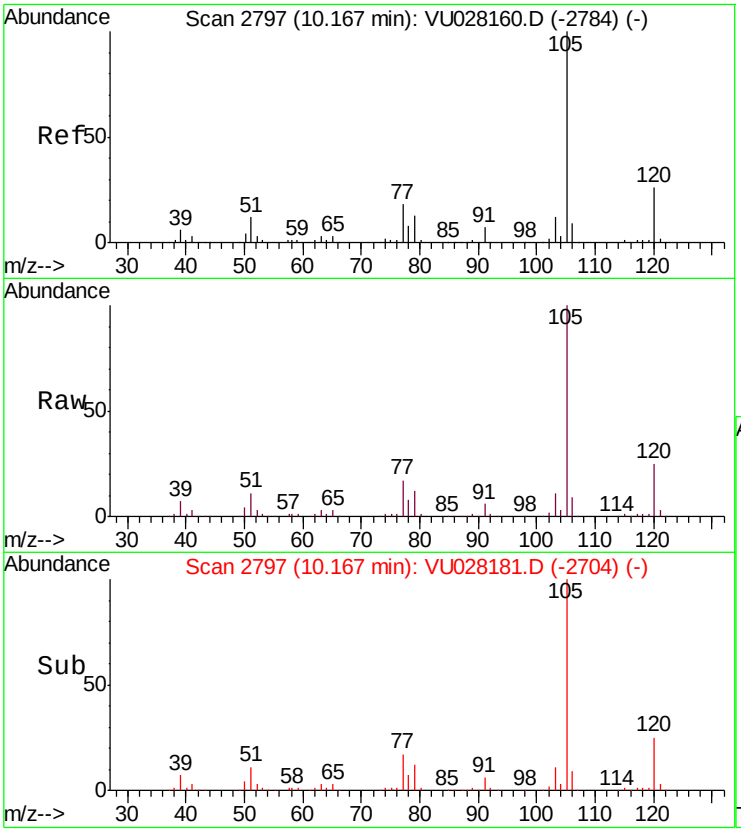


#55
Styrene
Concen: 4.752 ug/L
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:104 Resp: 181200

Ion	Ratio	Lower	Upper
104	100		
78	51.8	34.5	64.1



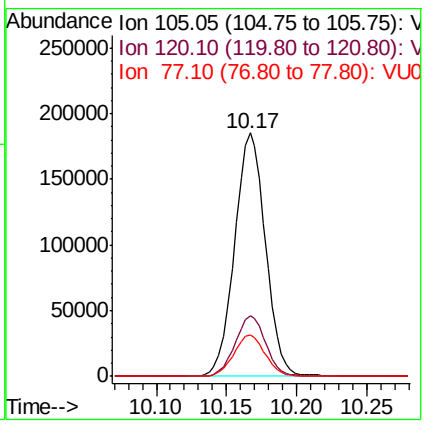


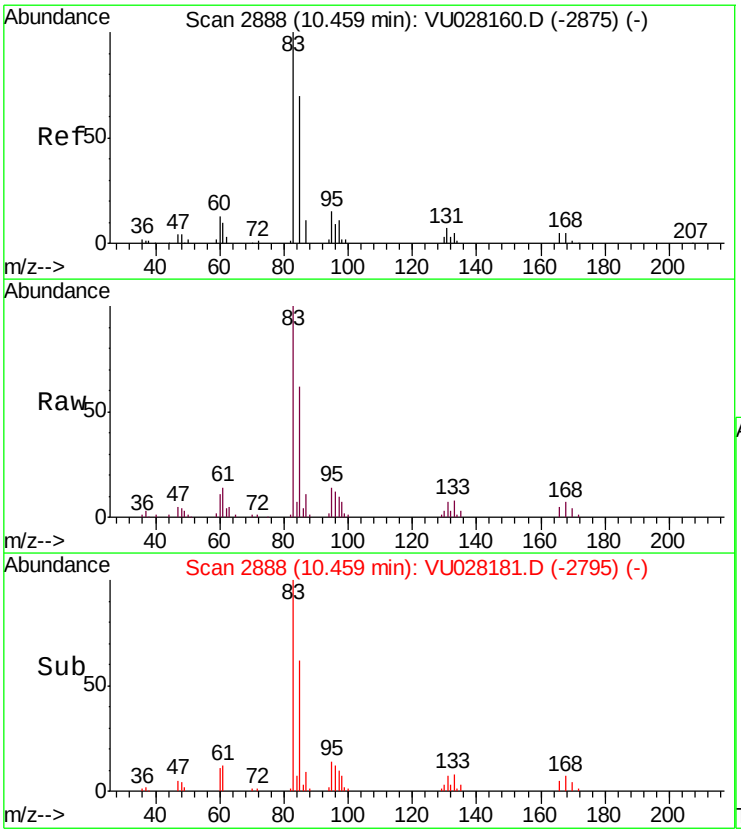
#56
Isopropylbenzene
Concen: 4.657 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:105 Resp: 284010

Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.5	30.7
77	17.4	13.3	19.9

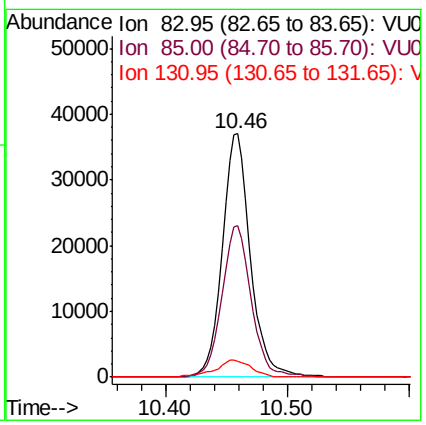


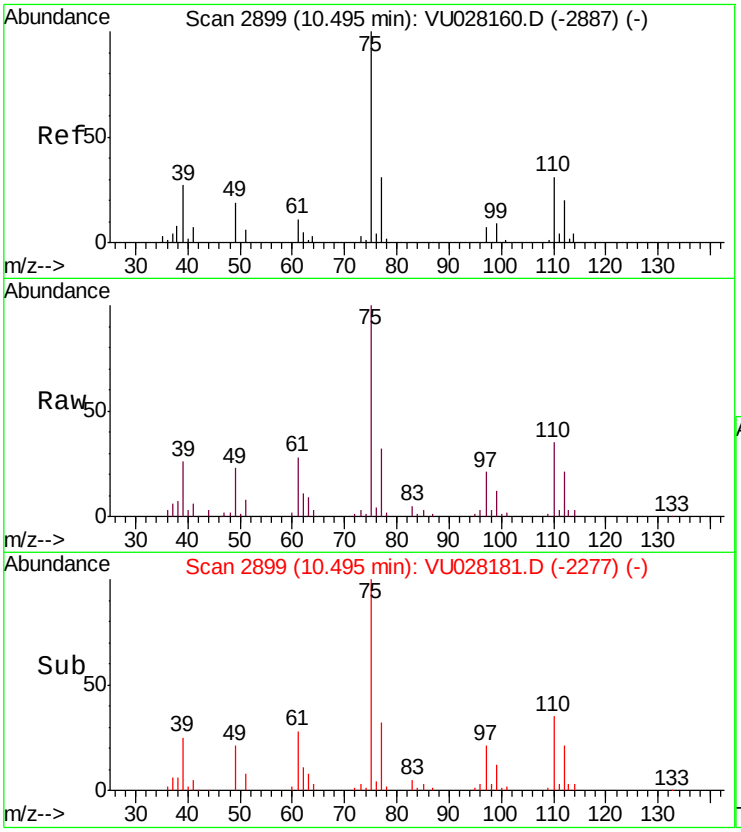


#58
1,1,2,2-Tetrachloroethane
Concen: 4.871 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 83 Resp: 59873

Ion	Ratio	Lower	Upper
83	100		
85	62.3	46.7	86.7
131	6.5	5.9	8.9



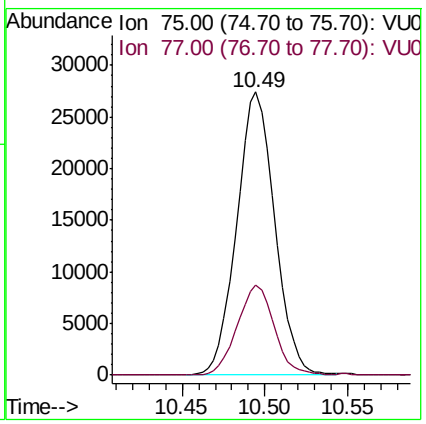


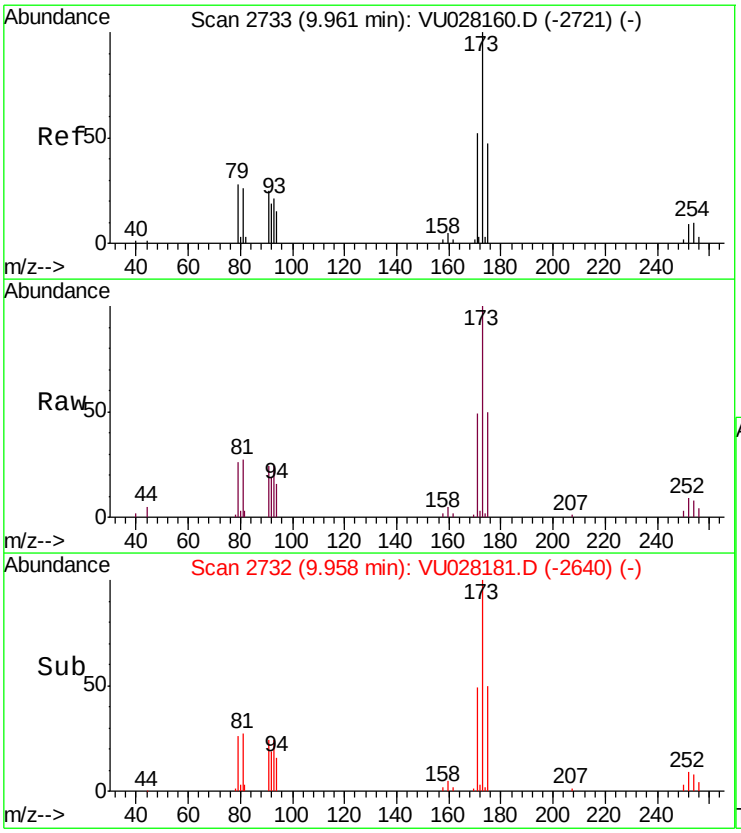
#59
1,2,3-Trichloropropane
Concen: 4.924 ug/L
RT: 10.49 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 75 Resp: 43683

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0

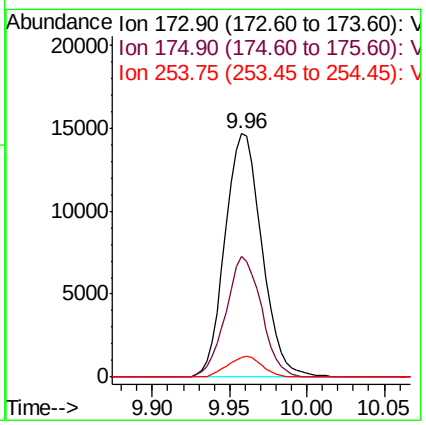


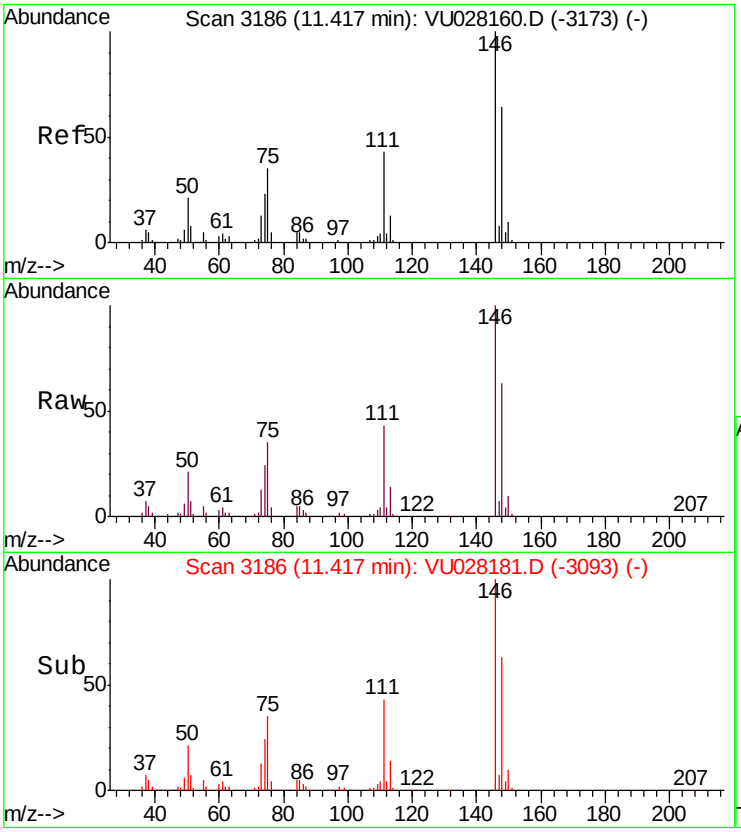


#61
Bromoform
Concen: 4.369 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:173 Resp: 24266

Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.2	57.2
254	7.9	7.1	10.7



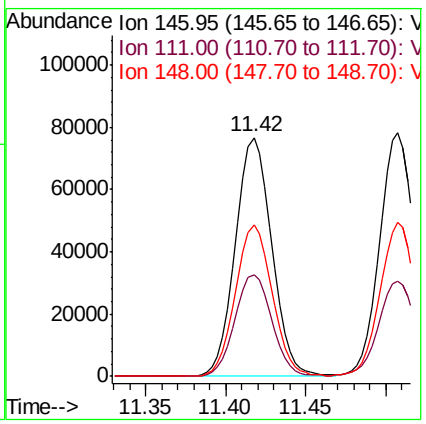


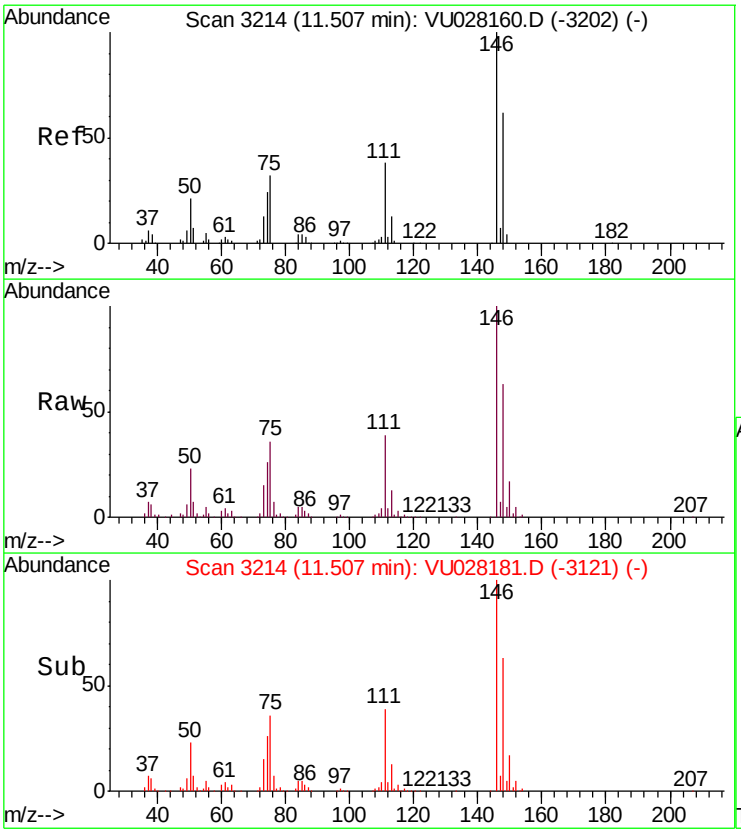
#62
1,3-Dichlorobenzene
Concen: 4.586 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:146 Resp: 119121

Ion	Ratio	Lower	Upper
146	100		
111	42.8	29.3	54.3
148	63.4	44.1	81.9

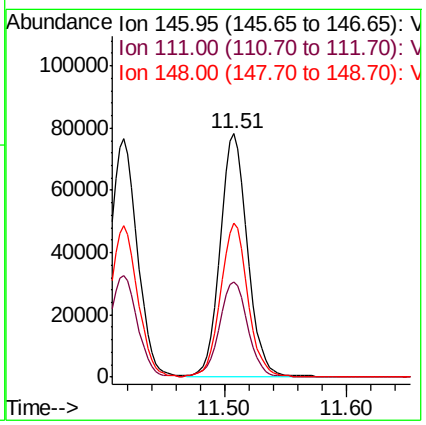


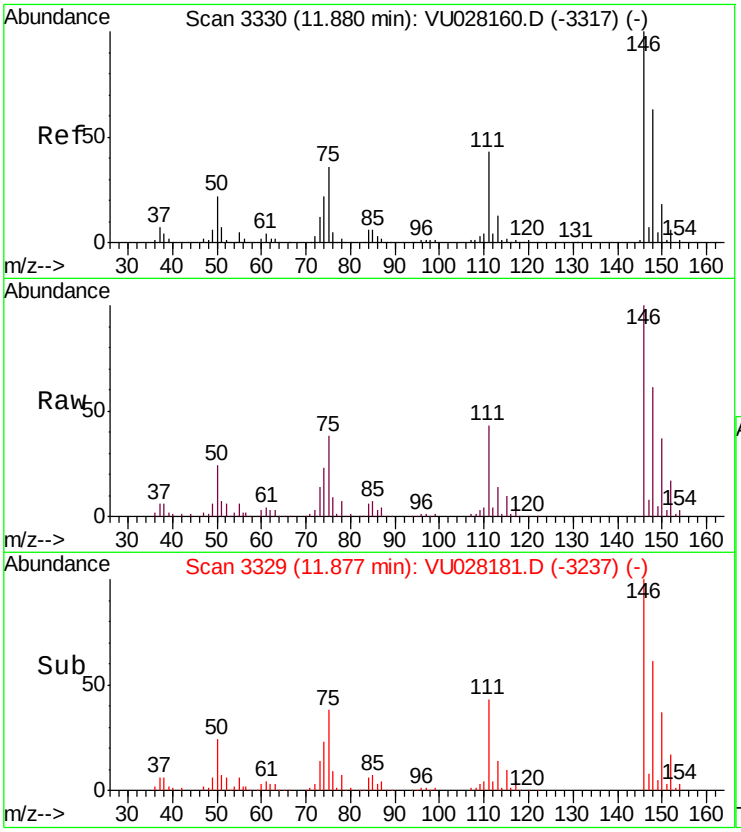


#63
1,4-Dichlorobenzene
Concen: 4.709 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:146 Resp: 123824

Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.4	51.0
148	63.4	43.8	81.3



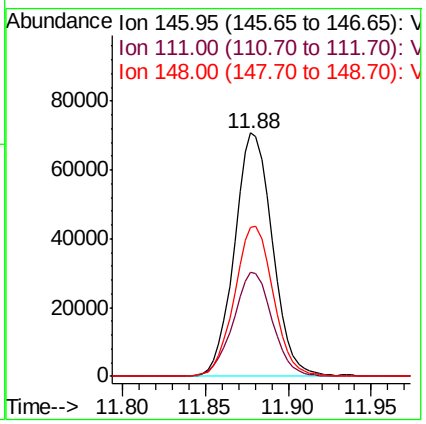


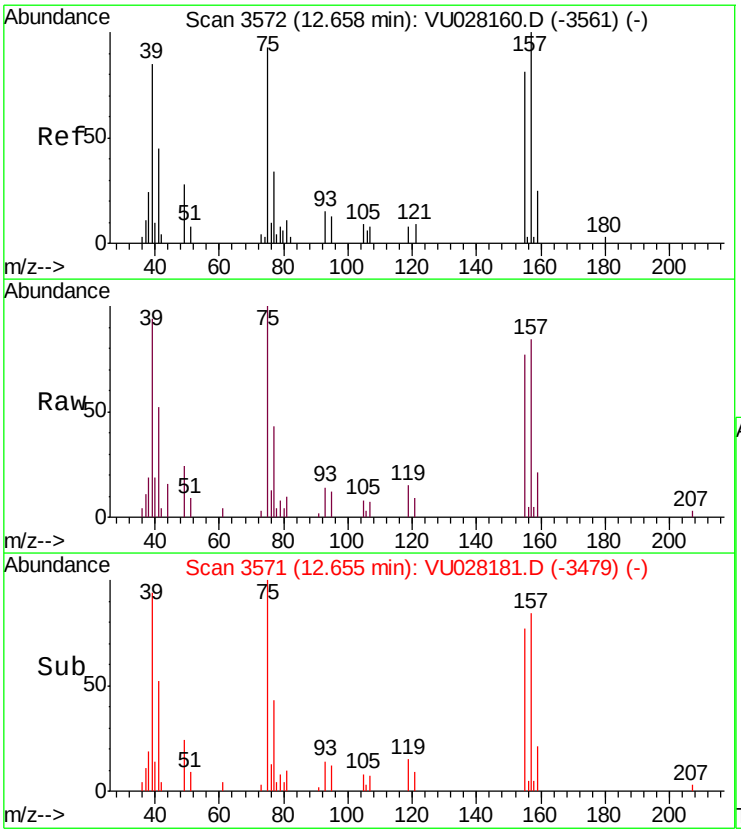
#65
1,2-Dichlorobenzene
Concen: 4.553 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:146 Resp: 113102

Ion	Ratio	Lower	Upper
146	100		
111	42.7	33.9	50.9
148	61.4	50.9	76.3

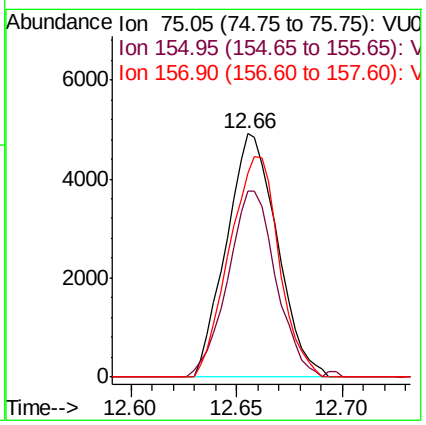


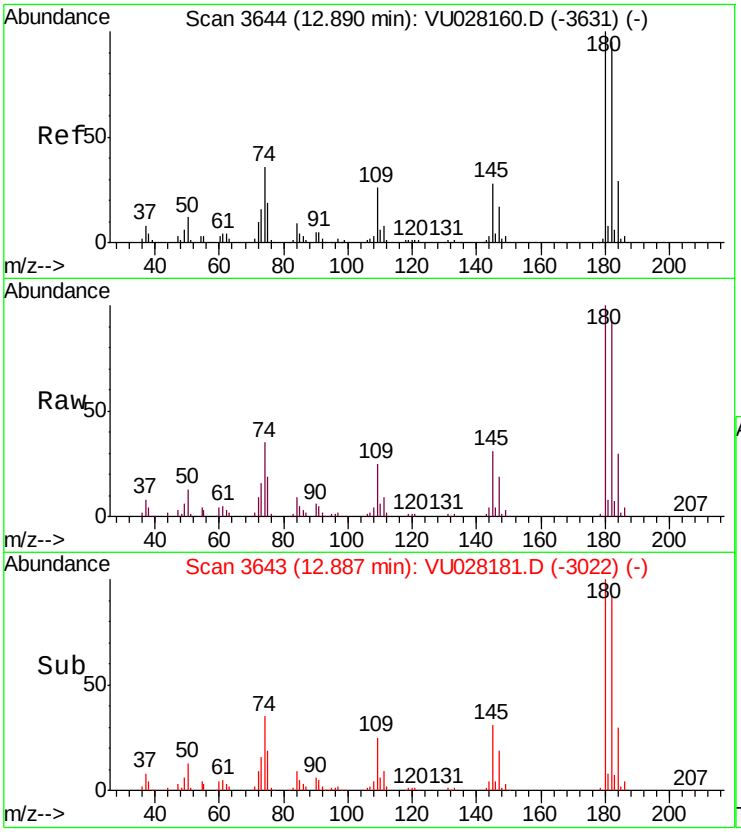


#66
1,2-Dibromo-3-chloropropane
Concen: 4.564 ug/L
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion: 75 Resp: 8226

Ion	Ratio	Lower	Upper
75	100		
155	76.6	62.8	94.2
157	83.7	85.3	127.9#



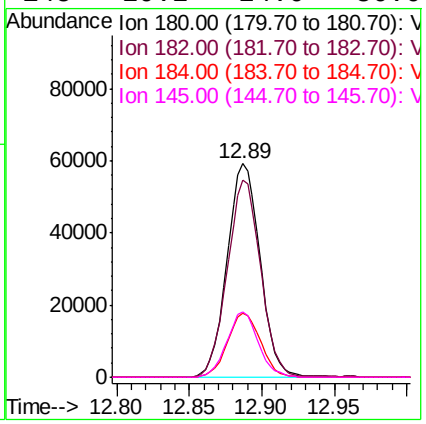


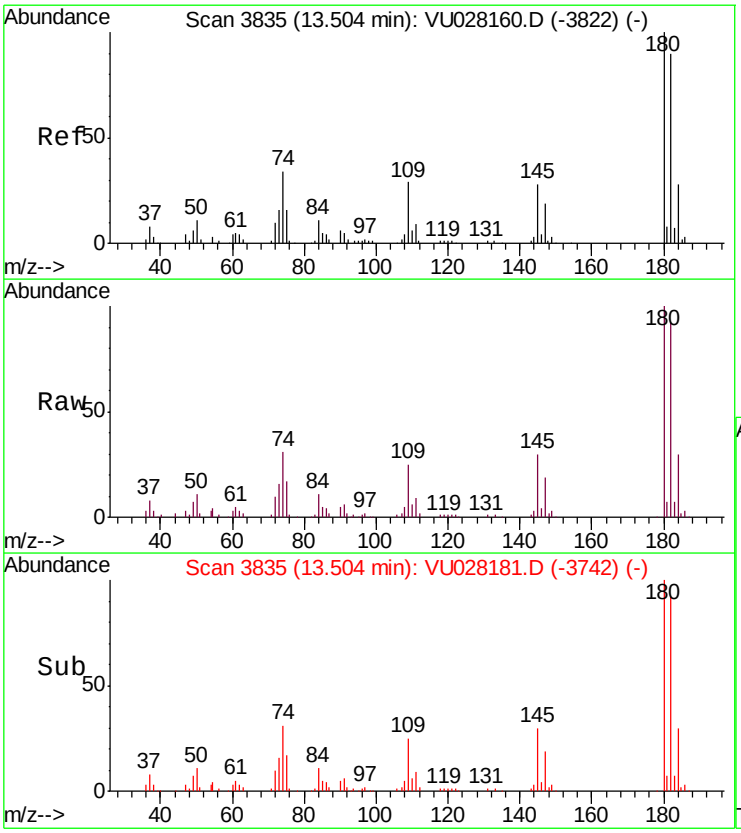
#67
1,3,5-Trichlorobenzene
Concen: 4.690 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion:180 Resp: 93459

Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.6	114.8
184	29.8	24.7	37.1
145	29.2	24.0	36.0

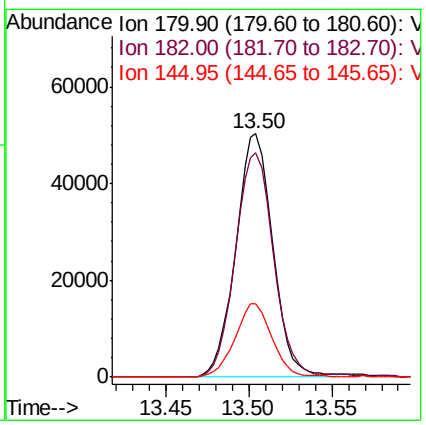


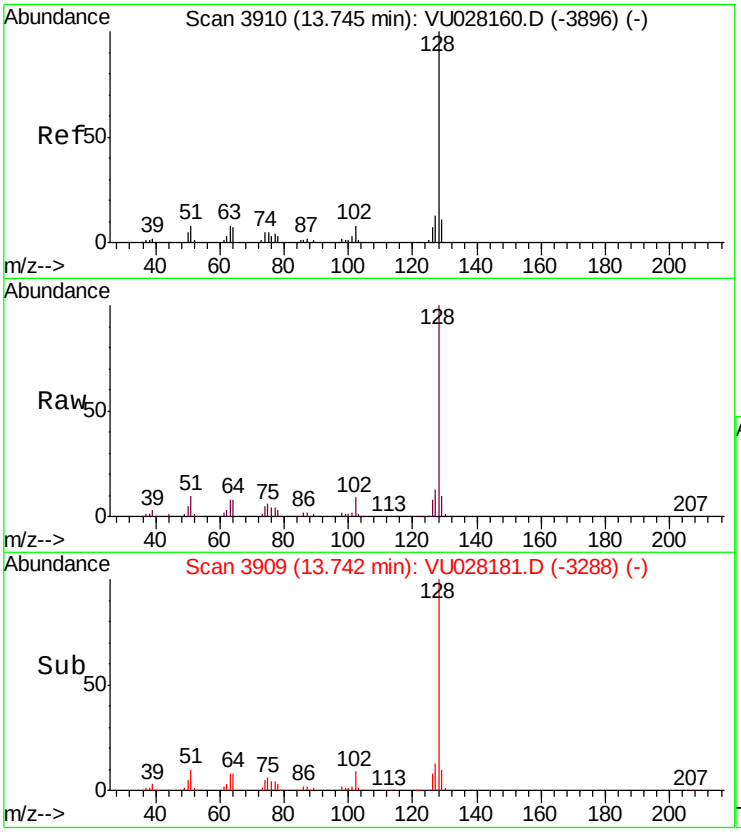


#68
1,2,4-trichlorobenzene
Concen: 4.503 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:180 Resp: 78207

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.1	112.7
145	30.2	23.4	35.0



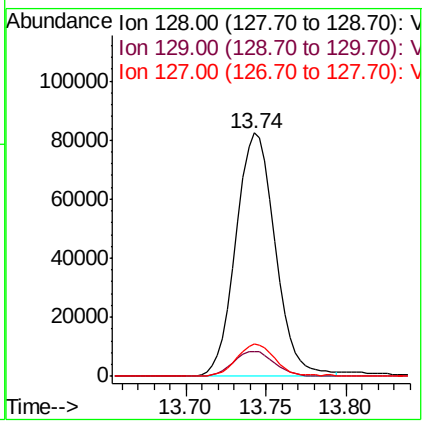


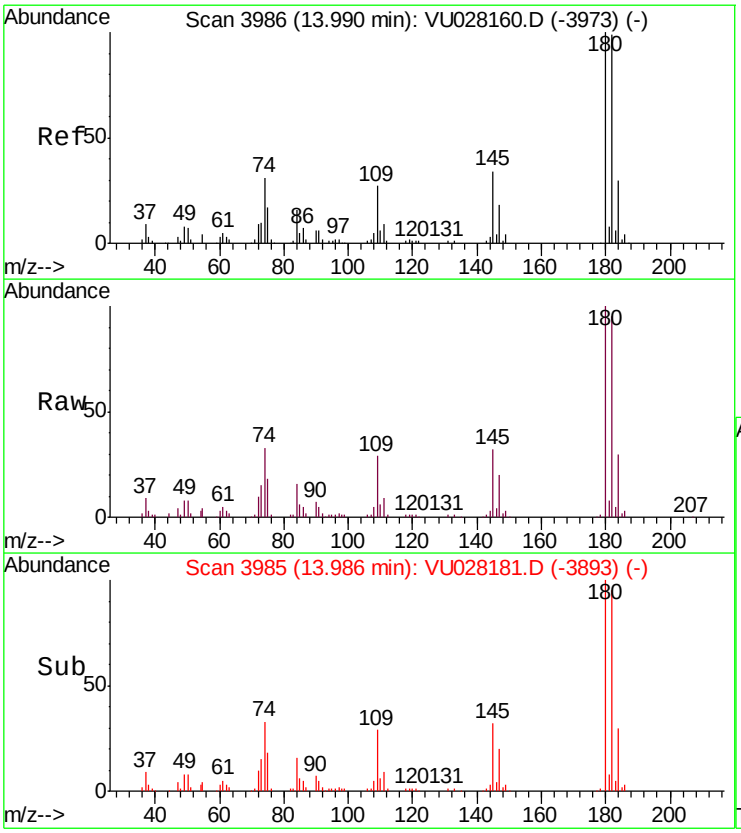
#69
Naphthalene
Concen: 4.280 ug/L
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:128 Resp: 138538

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	12.8	10.2	15.4





#70
1,2,3-Trichlorobenzene
Concen: 4.675 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU028181.D
Acq: 15 Nov 2018 19:01

Tgt Ion:180 Resp: 74805

Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.6	116.4
145	30.0	26.2	39.4