Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

Quantitation Report (Not Reviewed)

Data File : VU028325.D
Acq On : 21 Nov 2018 17:25
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Nov 21 22:39:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	171252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77890	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70252	5.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.00%			
7) Chloroethane-d5	1.68	69	53222	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.28	63	130267	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	4.19	46	198828	46.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.22%			
24) Chloroform-d	4.65	84	116295	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.31	65	63766	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.34	84	231978	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.33	67	82782	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.57	98	202358	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.85	79	30011	5.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.00%			
46) 2-Hexanone-d5	8.31	63	139322	41.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.54%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58076	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	66199	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	63520	4.417	ug/L	100
3) Chloromethane	1.32	50	104311	5.699	ug/L	96
5) Vinyl chloride	1.40	62	80935	4.656	ug/L	96
6) Bromomethane	1.63	94	39158	4.992	ug/L	99
8) Chloroethane	1.70	64	46403	4.517	ug/L	92
9) Trichlorofluoromethane	1.89	101	92135	4.552	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	51613	4.633	ug/L	99
12) 1,1-Dichloroethene	2.29	96	48721	4.621	ug/L	86
13) Acetone	2.33	43	129344	43.610	ug/L	100
14) Carbon disulfide	2.48	76	153873	4.648	ug/L	99
15) Methyl Acetate	2.62	43	34759	4.422	ug/L	98
16) Methylene chloride	2.70	84	57889	4.358	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	152295	4.809	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	52102	4.639	ug/L	97
19) 1,1-Dichloroethane	3.44	63	125370	4.814	ug/L	99
21) 2-Butanone	4.28	43	225537	47.754	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	62984	4.745	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

Quantitation Report (Not Reviewed)

Data File : VU028325.D
Acq On : 21 Nov 2018 17:25
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Nov 21 22:39:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	24144	4.648	ug/L	98
25) Chloroform	4.67	83	119813	4.252	ug/L	99
27) 1,2-Dichloroethane	5.40	62	78428	4.869	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	90892	4.841	ug/L	98
30) Cyclohexane	4.99	56	112990	4.598	ug/L	100
31) Carbon tetrachloride	5.13	117	71049	4.612	ug/L	99
33) Benzene	5.39	78	256547	4.668	ug/L	100
34) Trichloroethene	6.18	95	60974	4.532	ug/L	97
35) Methylcyclohexane	6.41	83	96662	4.560	ug/L	98
37) 1,2-Dichloropropane	6.43	63	76777	4.896	ug/L	99
38) Bromodichloromethane	6.76	83	81756	4.781	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	99049	4.984	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	552463	49.280	ug/L	99
42) Toluene	7.64	91	262136	4.706	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	76418	5.111	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	43863	4.629	ug/L	96
47) Tetrachloroethene	8.22	164	40674	4.355	ug/L	97
48) 2-Hexanone	8.37	43	393845	49.274	ug/L	98
49) Dibromochloromethane	8.48	129	46810	4.881	ug/L	97
50) 1,2-Dibromoethane	8.58	107	40642	4.746	ug/L	100
51) Chlorobenzene	9.12	112	148008	4.614	ug/L	97
52) Ethylbenzene	9.25	91	280023	4.672	ug/L	94
53) m,p-xylene	9.37	106	99859	4.801	ug/L	98
54) o-xylene	9.78	106	98561	4.745	ug/L	96
55) Styrene	9.79	104	171236	4.910	ug/L	94
56) Isopropylbenzene	10.17	105	262768	4.723	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	60349	4.955	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	43689	4.822	ug/L	96
61) Bromoform	9.96	173	24855	5.033	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	111253	4.693	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	113793	4.706	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	107043	4.606	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	9354	5.166	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	87713	4.838	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	77954	5.146	ug/L	99
69) Naphthalene	13.74	128	146543	5.443	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	72289	5.038	ug/L	99

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

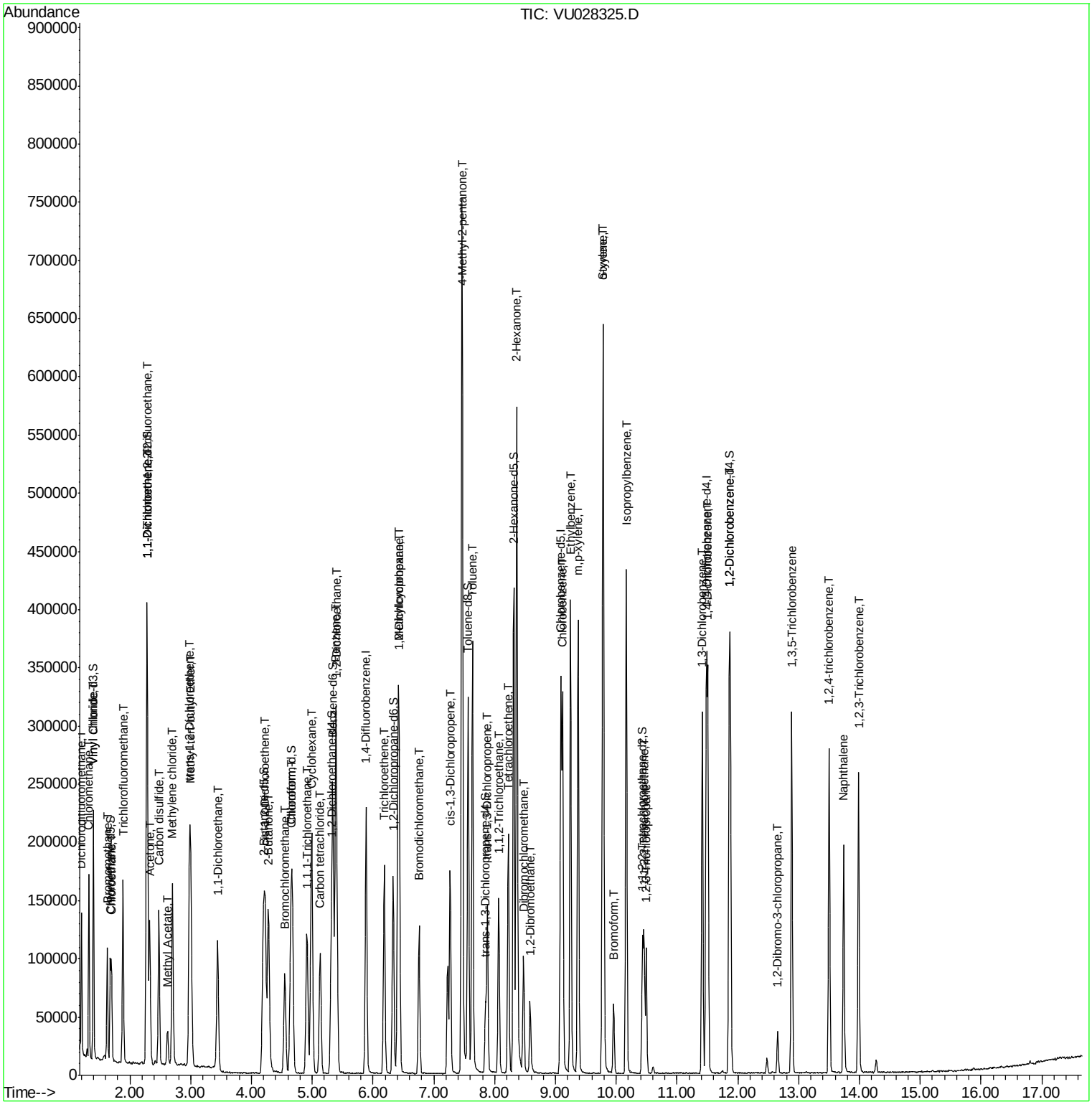
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

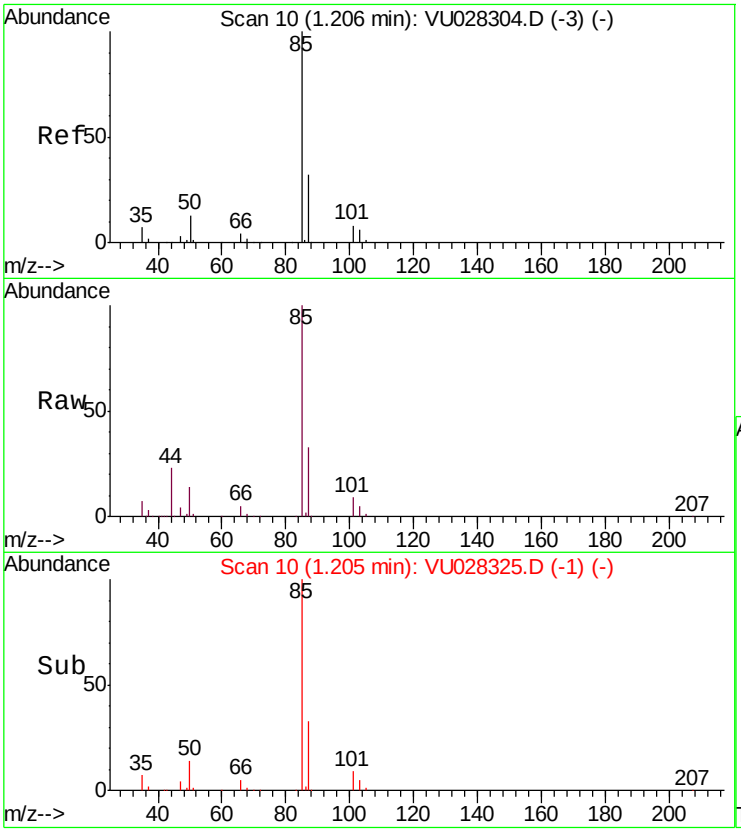
Quantitation Report (Not Reviewed)

Data File : VU028325.D
Acq On : 21 Nov 2018 17:25
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Nov 21 22:39:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration



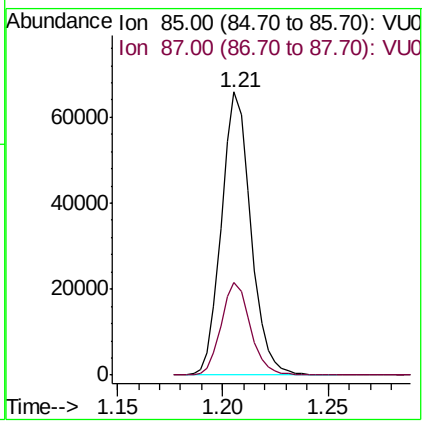


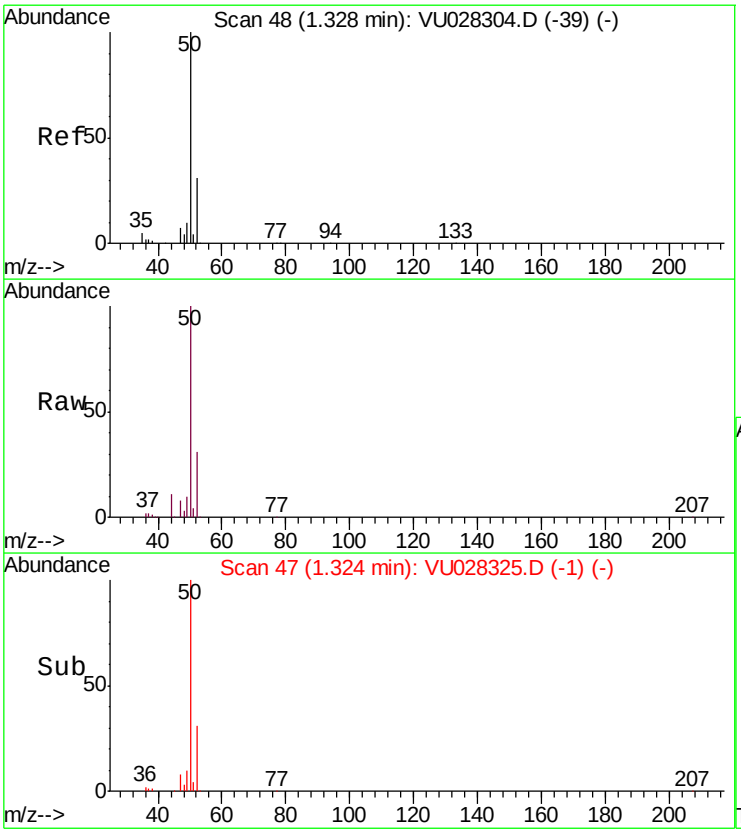
#2
Dichlorodifluoromethane
Concen: 4.417 ug/L
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 85 Resp: 63520

Ion	Ratio	Lower	Upper
85	100		
87	32.6	25.9	38.9

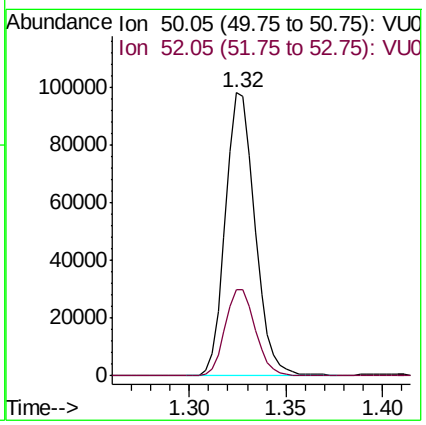


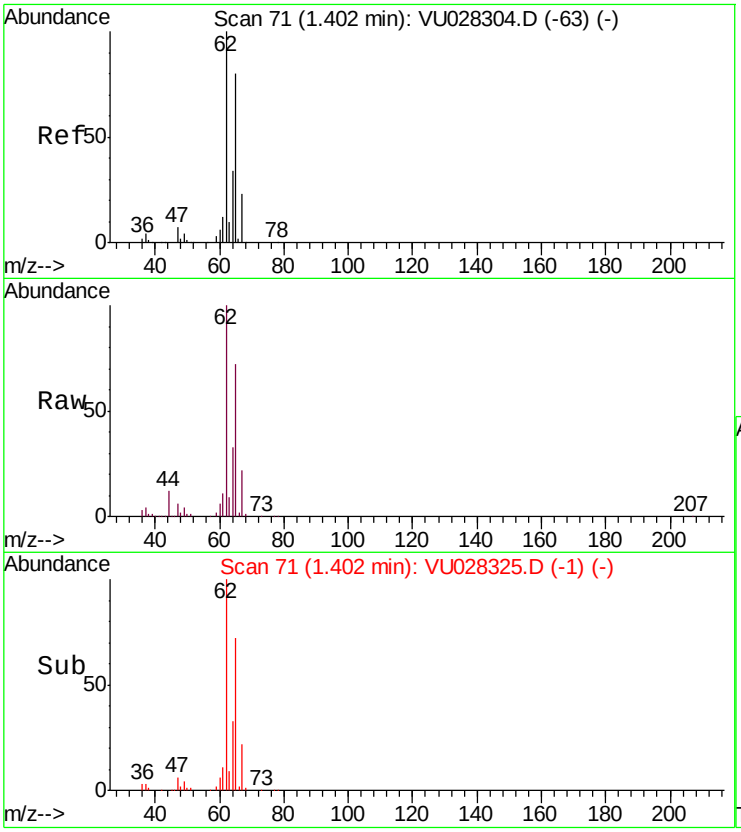


#3
Chloromethane
Concen: 5.699 ug/L
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 50 Resp: 104311

Ion	Ratio	Lower	Upper
50	100		
52	30.5	22.8	42.4



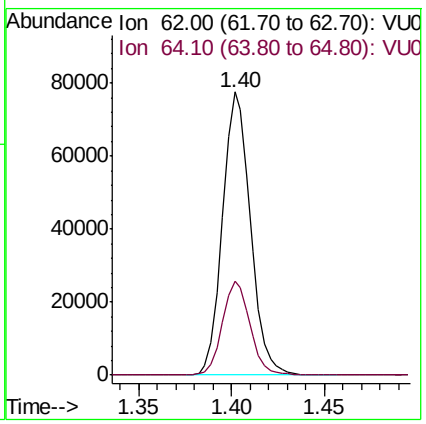


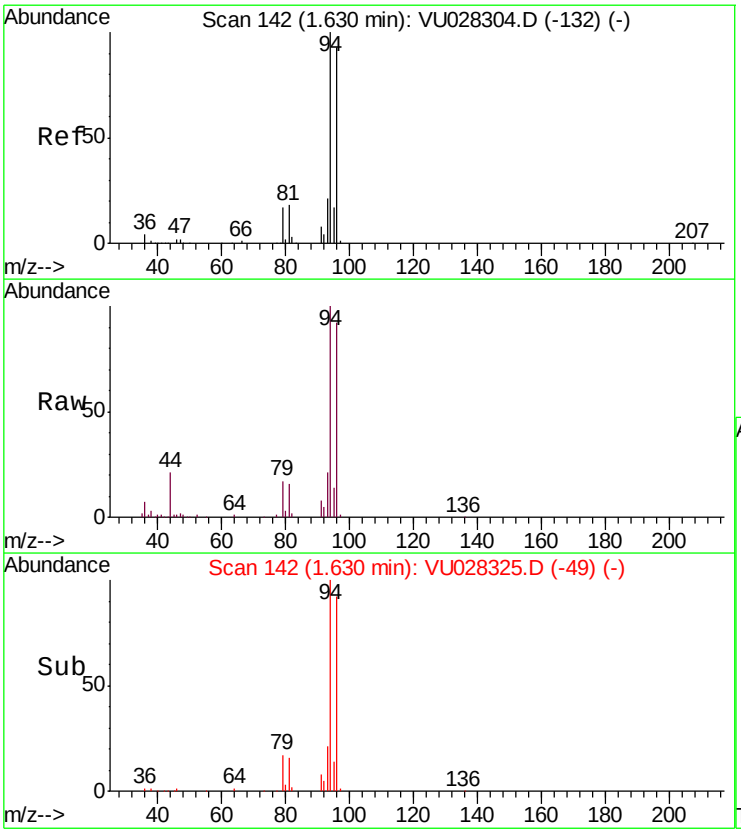
#5
Vinyl chloride
Concen: 4.656 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 62 Resp: 80935

Ion	Ratio	Lower	Upper
62	100		
64	33.4	21.7	40.3

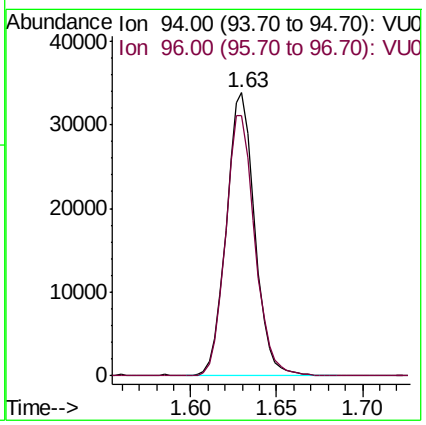


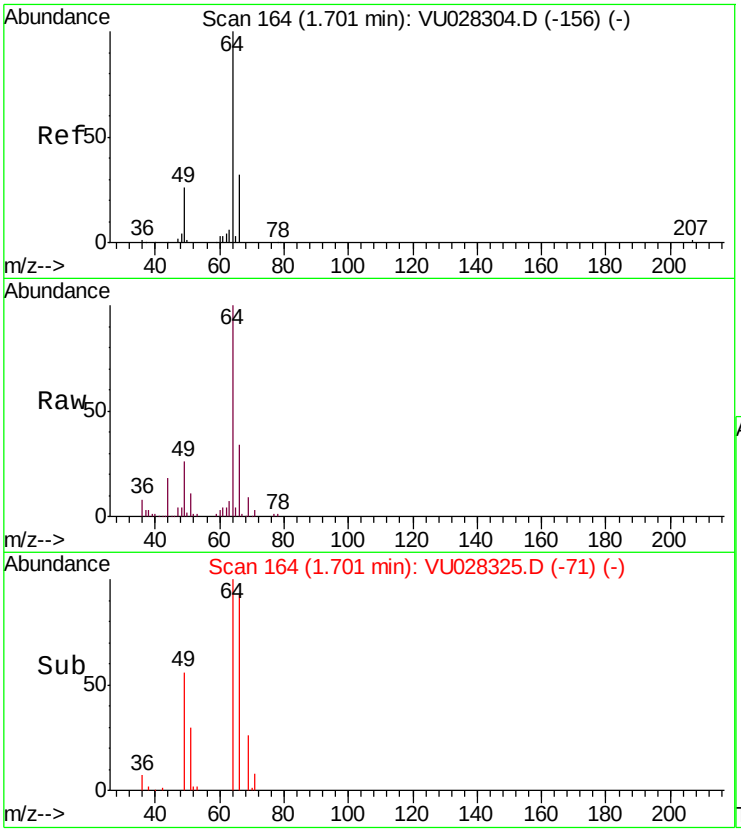


#6
Bromomethane
Concen: 4.992 ug/L
RT: 1.63 min Scan# 142
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 94 Resp: 39158

Ion	Ratio	Lower	Upper
94	100		
96	92.1	63.6	118.0



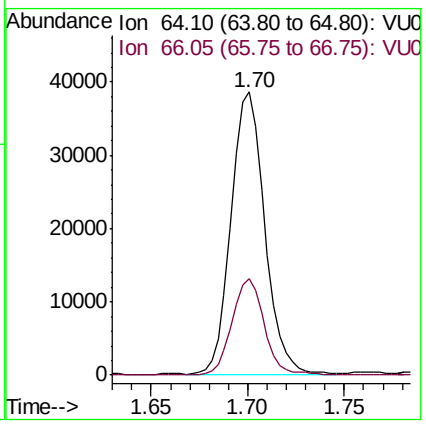


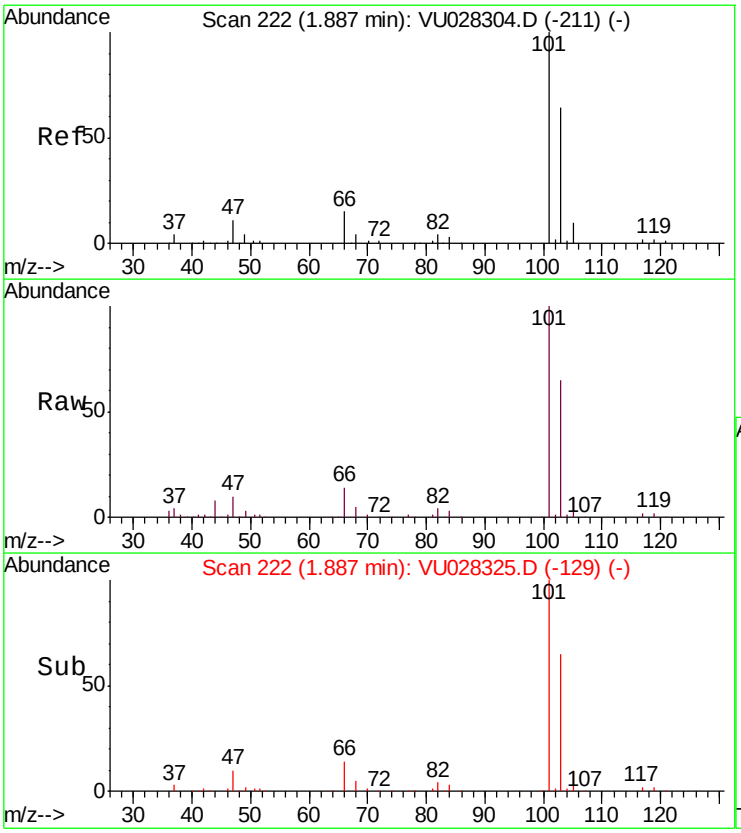
#8
Chloroethane
Concen: 4.517 ug/L
RT: 1.70 min Scan# 164
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 64 Resp: 46403

Ion	Ratio	Lower	Upper
64	100		
66	34.0	20.7	38.5

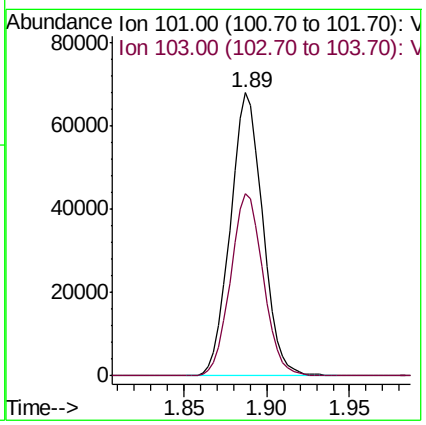


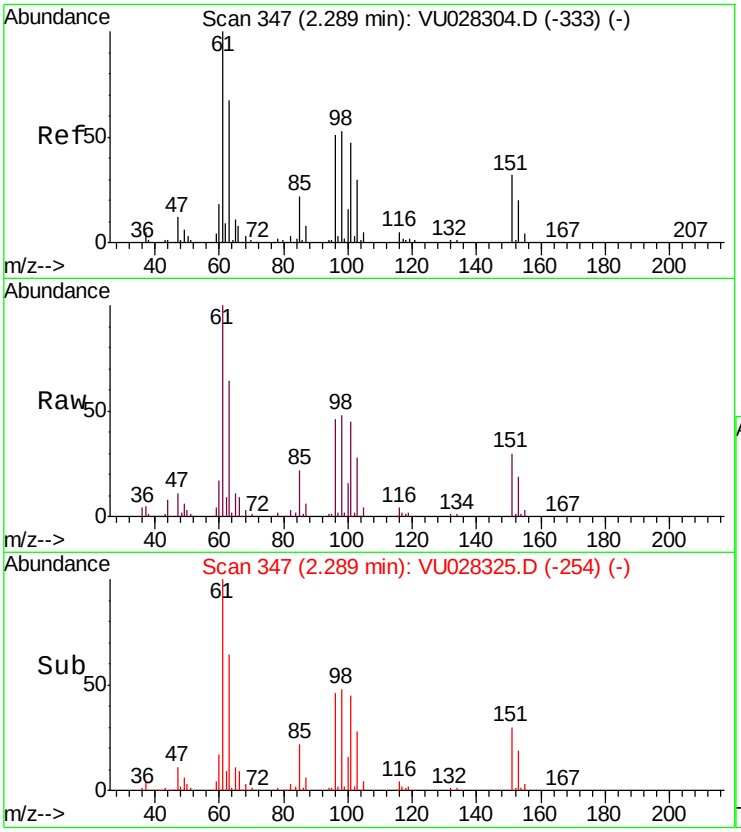


#9
Trichlorofluoromethane
Concen: 4.552 ug/L
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:101 Resp: 92135

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.7	77.5



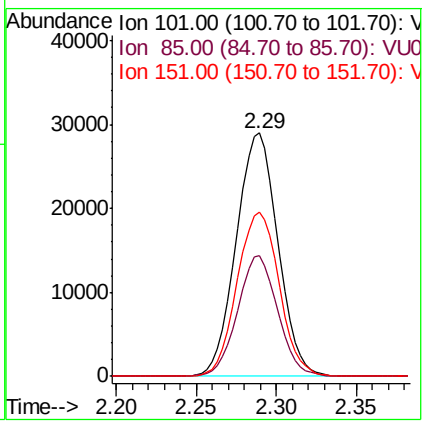


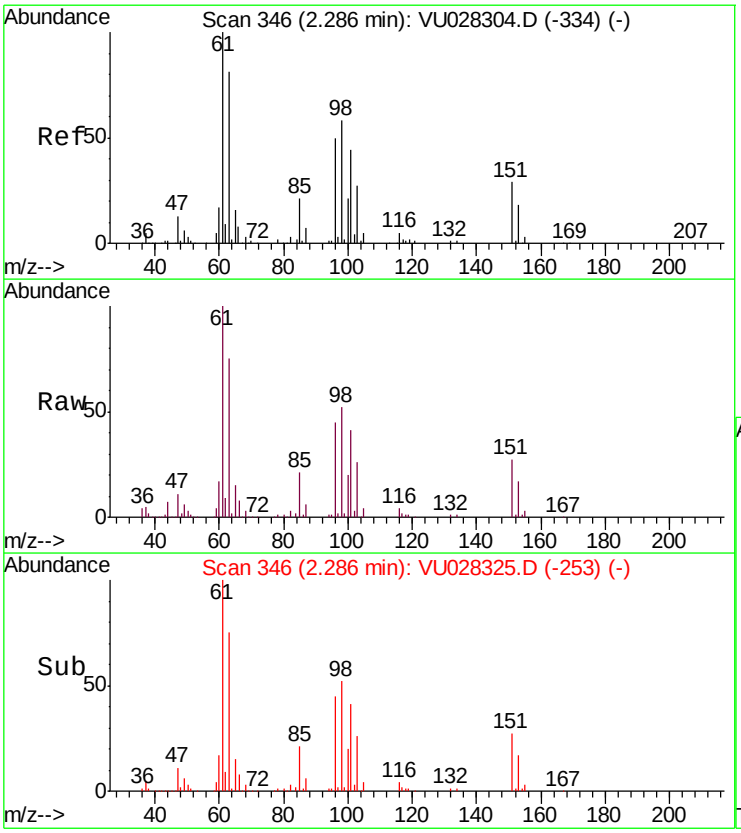
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.633 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:101 Resp: 51613

Ion	Ratio	Lower	Upper
101	100		
85	47.4	37.4	56.2
151	68.1	55.0	82.4

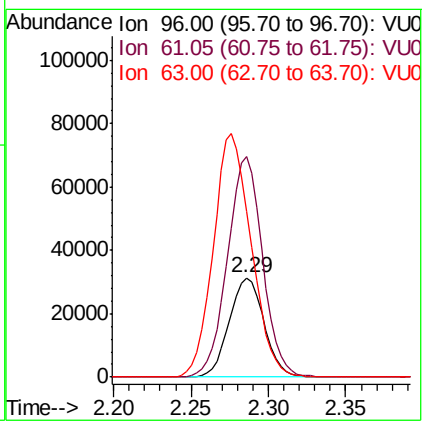


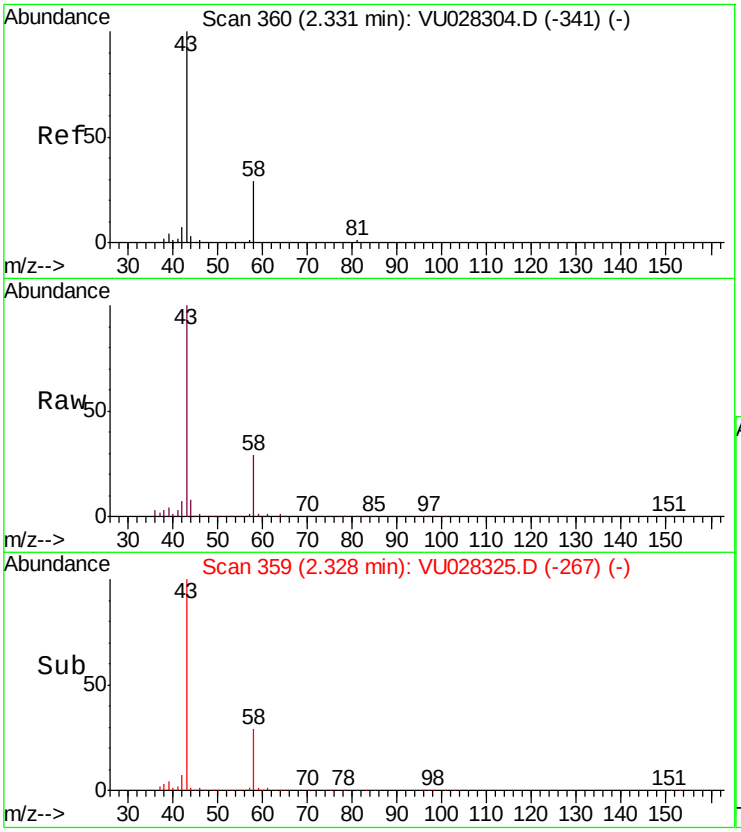


#12
1,1-Dichloroethene
Concen: 4.621 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 96 Resp: 48721

Ion	Ratio	Lower	Upper
96	100		
61	222.4	145.5	270.1
63	166.6	98.6	183.2



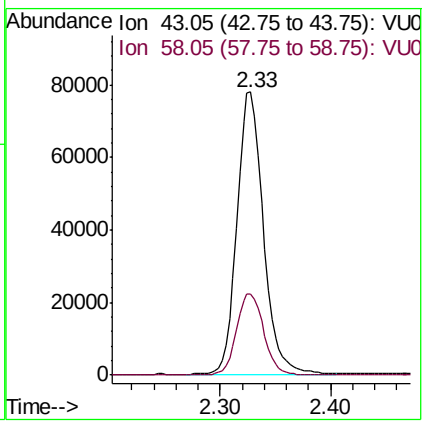


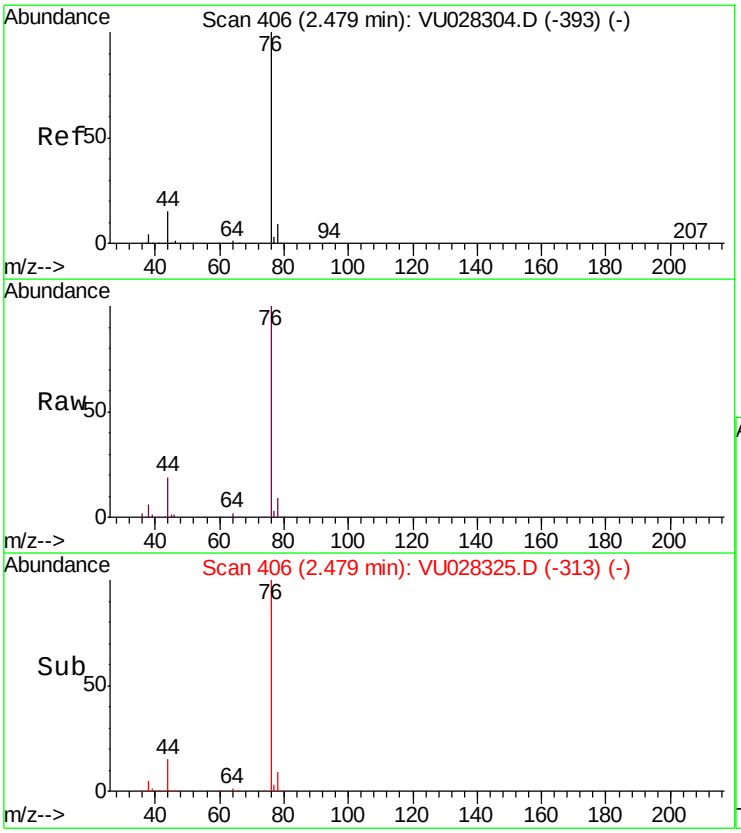
#13
Acetone
Concen: 43.610 ug/L
RT: 2.33 min Scan# 359
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 43 Resp: 129344

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	58.6

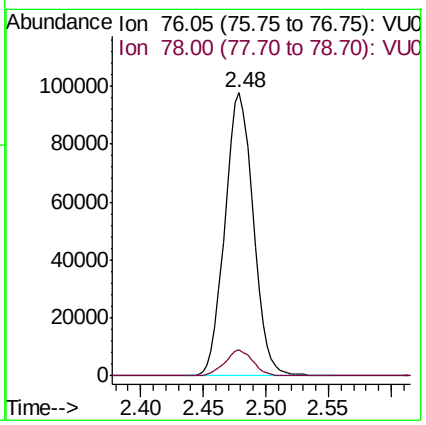


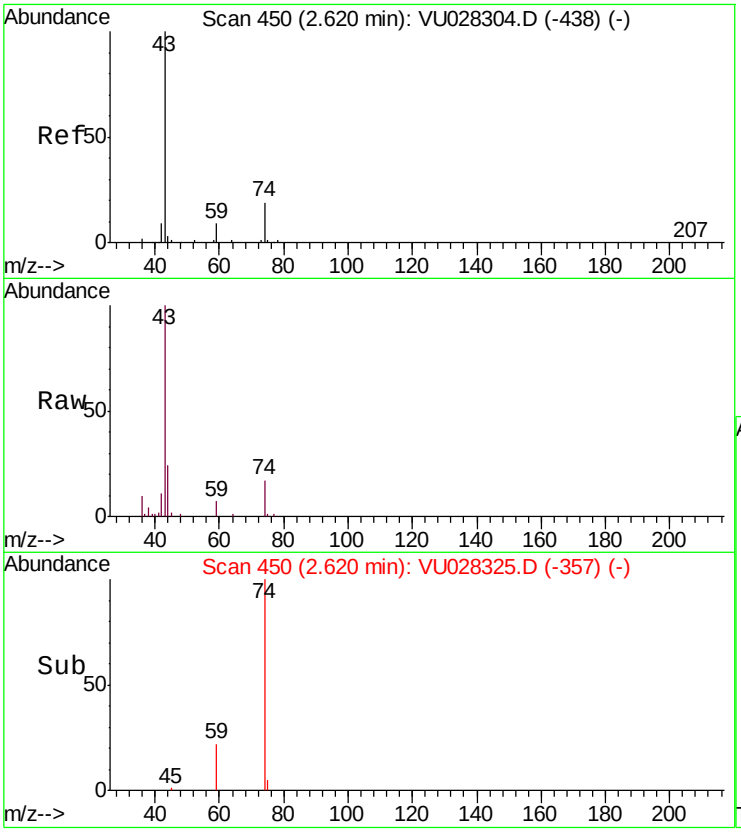


#14
Carbon disulfide
Concen: 4.648 ug/L
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 76 Resp: 153873

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.6	11.4



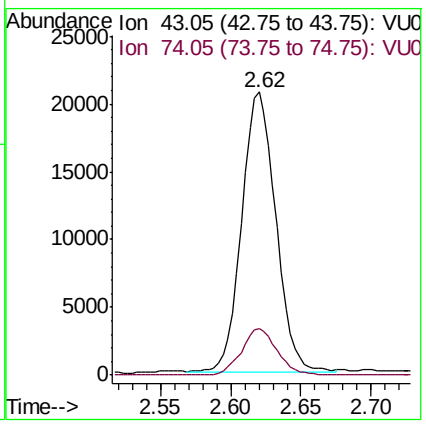


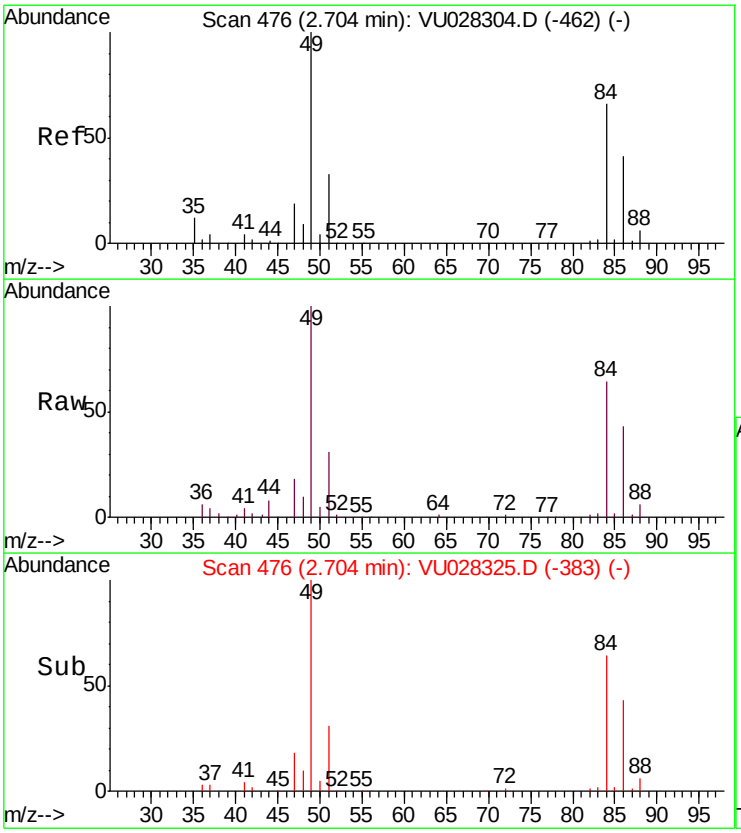
#15
Methyl Acetate
Concen: 4.422 ug/L
RT: 2.62 min Scan# 450
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 43 Resp: 34759

Ion	Ratio	Lower	Upper
43	100		
74	17.4	14.7	22.1

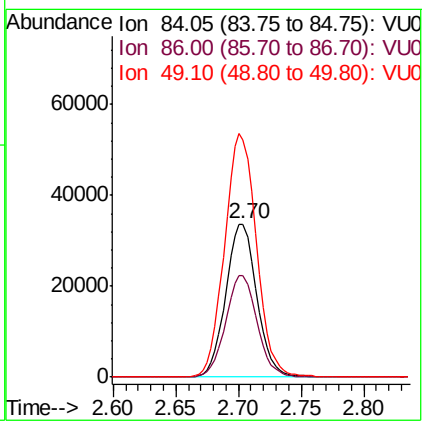


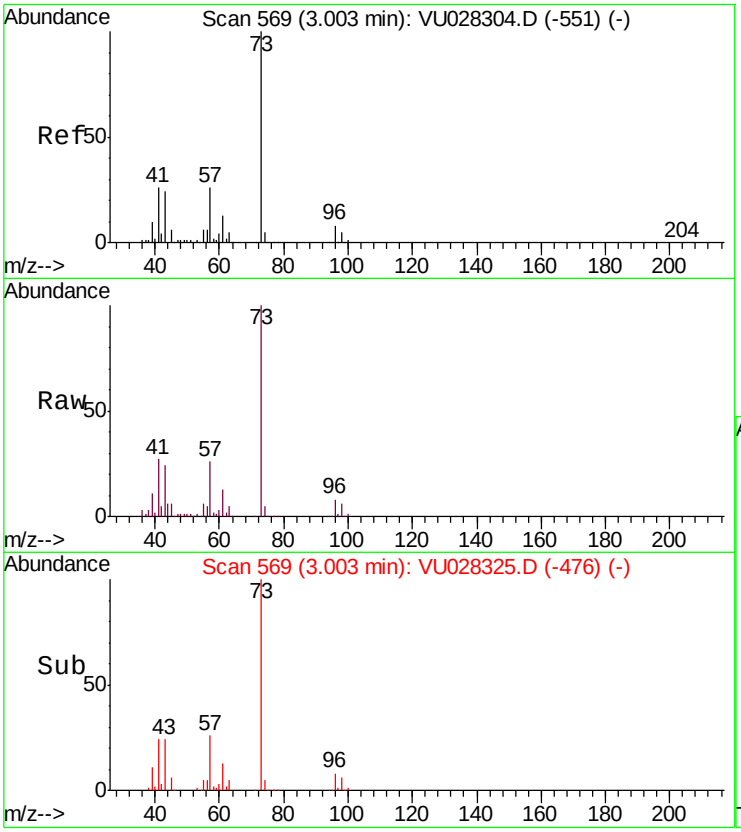


#16
Methylene chloride
Concen: 4.358 ug/L
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 84 Resp: 57889

Ion	Ratio	Lower	Upper
84	100		
86	66.5	45.3	84.1
49	155.2	107.9	200.5



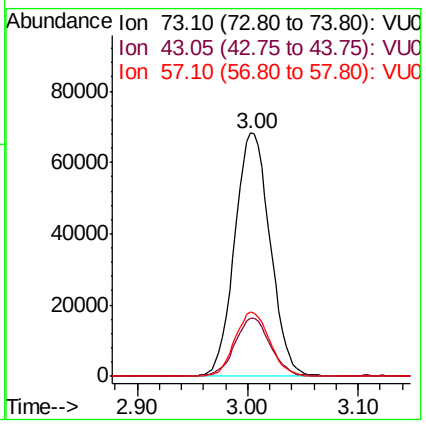


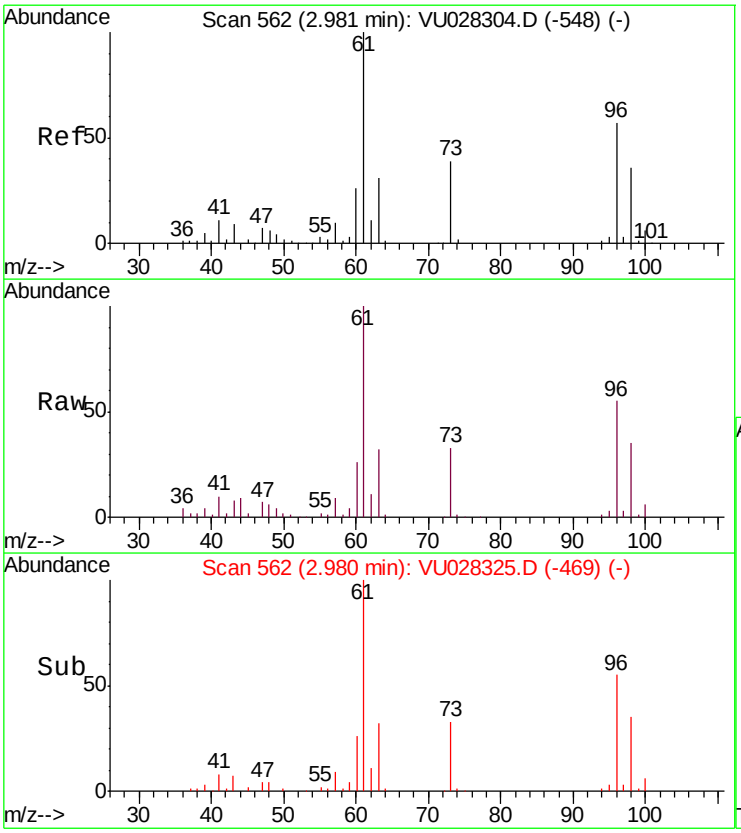
#17
Methyl tert-butyl Ether
Concen: 4.809 ug/L
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion: 73 Resp: 152295

Ion	Ratio	Lower	Upper
73	100		
43	23.6	18.8	28.2
57	26.0	19.2	28.8

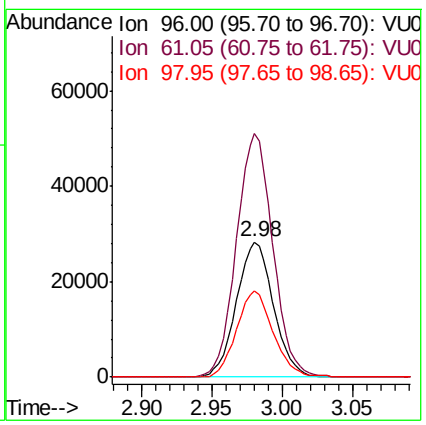


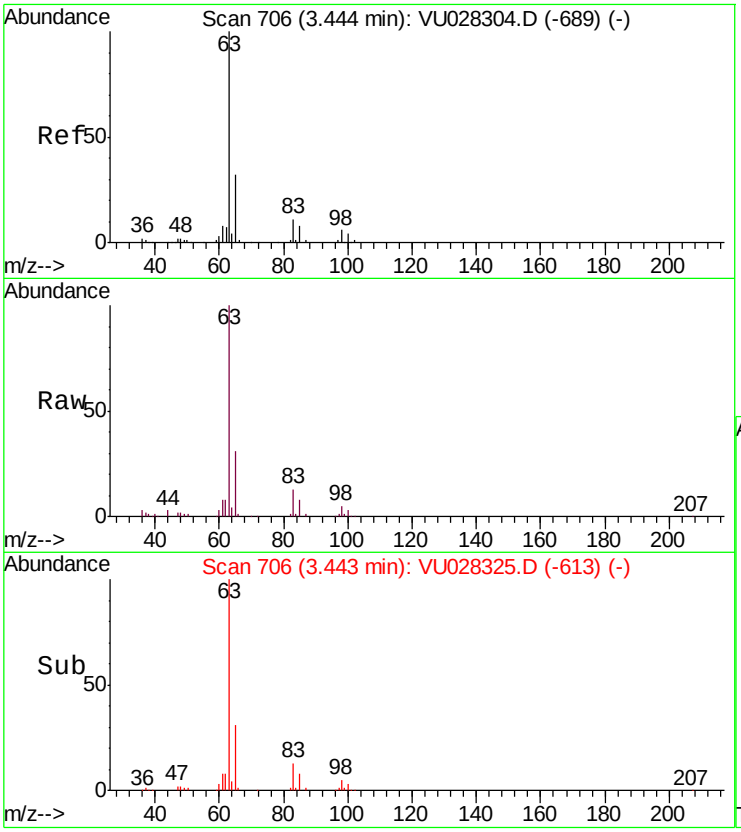


#18
trans-1,2-Dichloroethene
Concen: 4.639 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 96 Resp: 52102

Ion	Ratio	Lower	Upper
96	100		
61	180.4	122.2	227.0
98	63.9	44.9	83.5



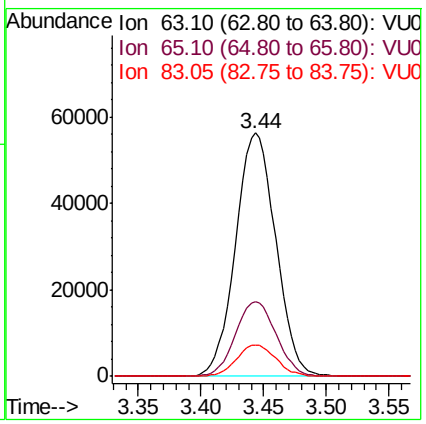


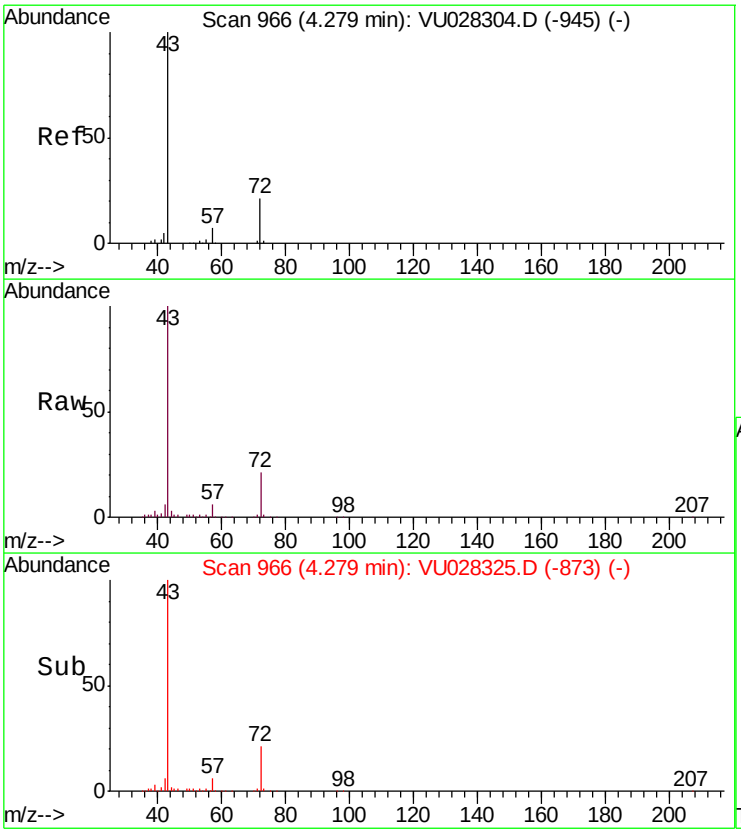
#19
1,1-Dichloroethane
Concen: 4.814 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion: 63 Resp: 125370

Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.2	39.4
83	12.9	8.8	16.4

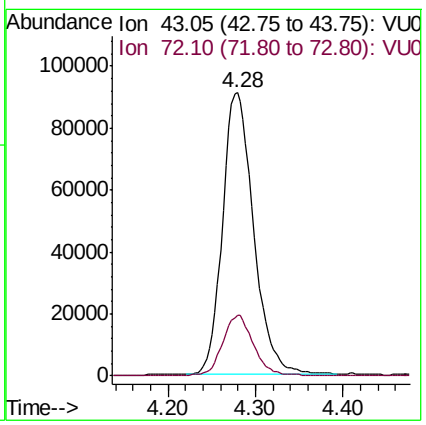


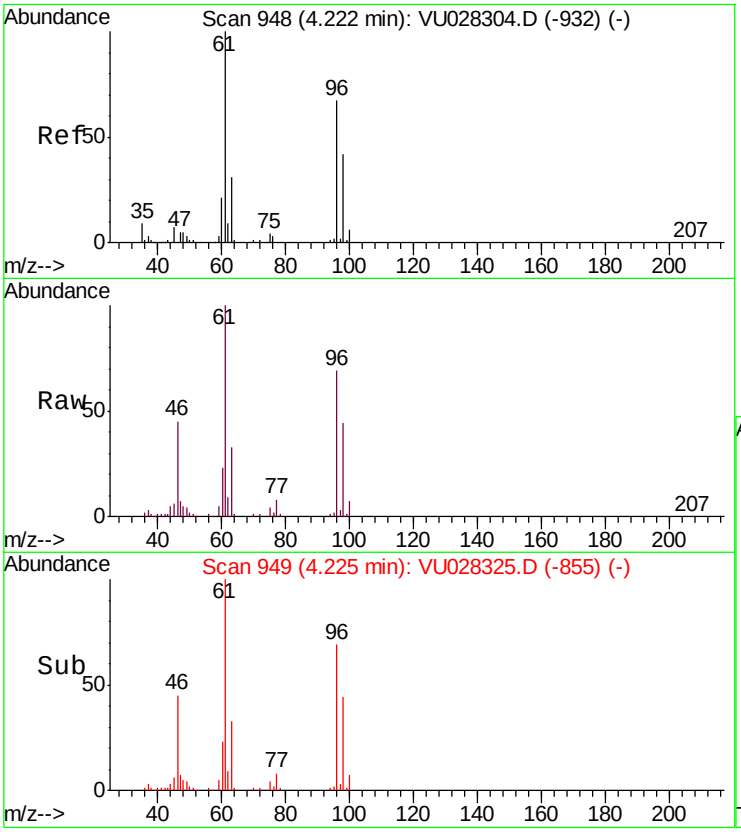


#21
2-Butanone
Concen: 47.754 ug/L
RT: 4.28 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 43 Resp: 225537

Ion	Ratio	Lower	Upper
43	100		
72	21.3	10.7	32.1



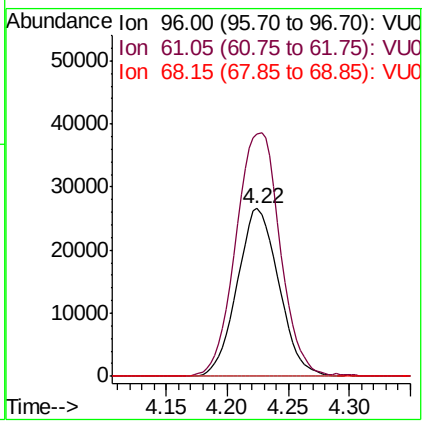


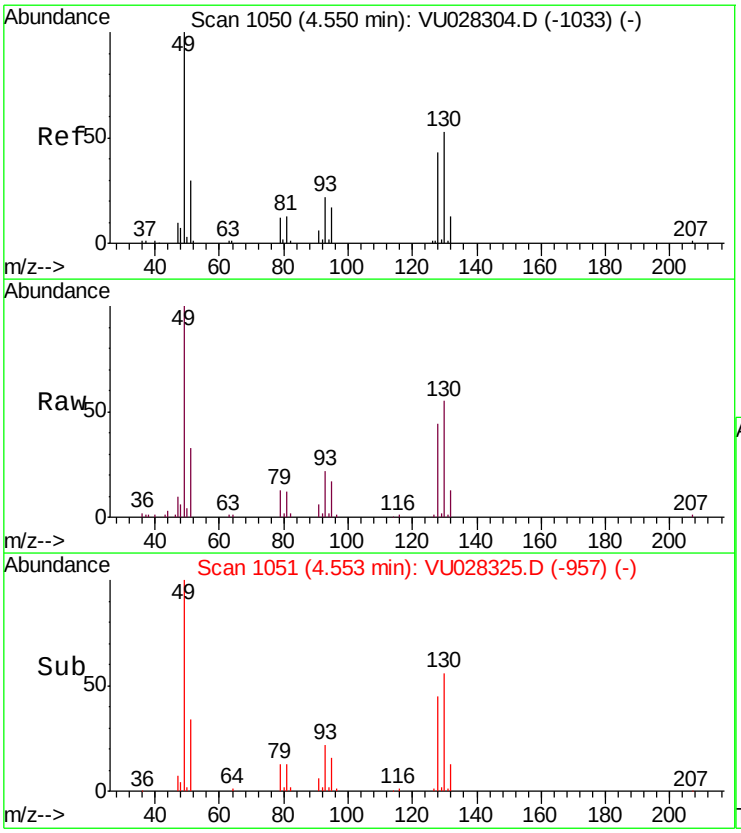
#22
cis-1,2-Dichloroethene
Concen: 4.745 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 96 Resp: 62984

Ion	Ratio	Lower	Upper
96	100		
61	144.6	108.0	200.6
68	0.0	0.0	0.0

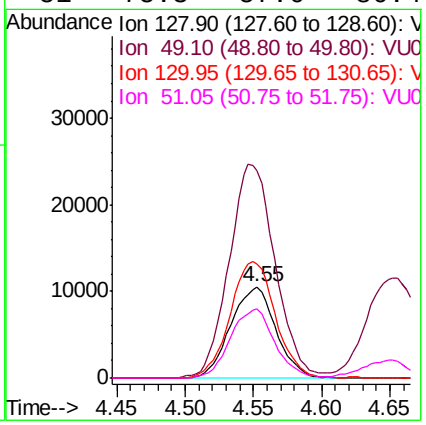


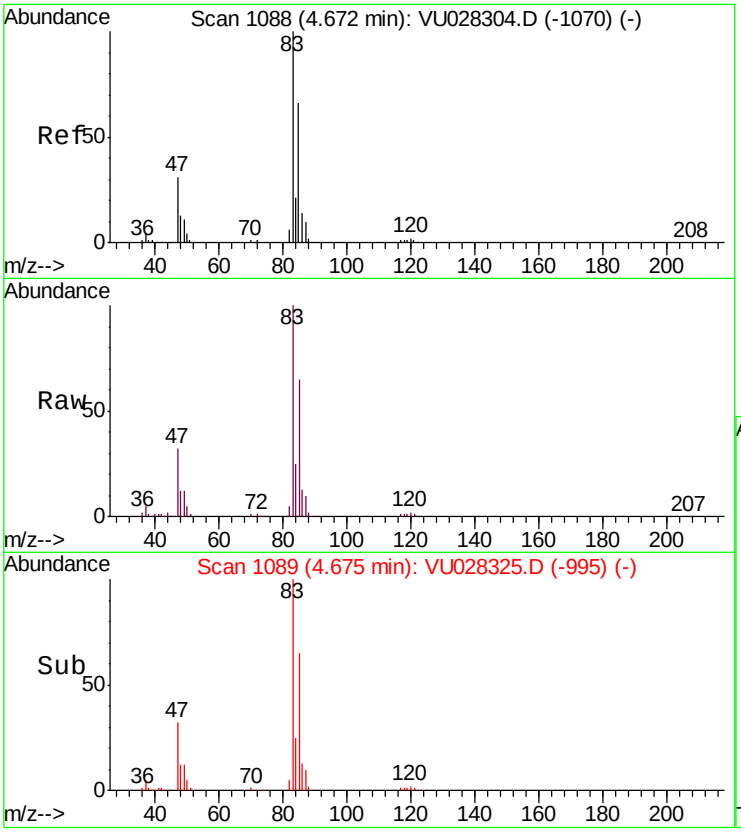


#23
Bromochloromethane
Concen: 4.648 ug/L
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:128 Resp: 24144

Ion	Ratio	Lower	Upper
128	100		
49	227.6	162.0	300.8
130	126.0	87.7	162.9
51	75.3	57.6	86.4



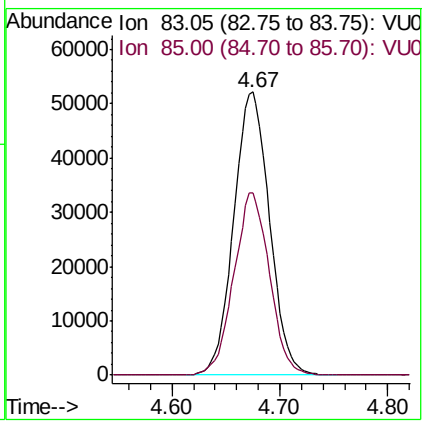


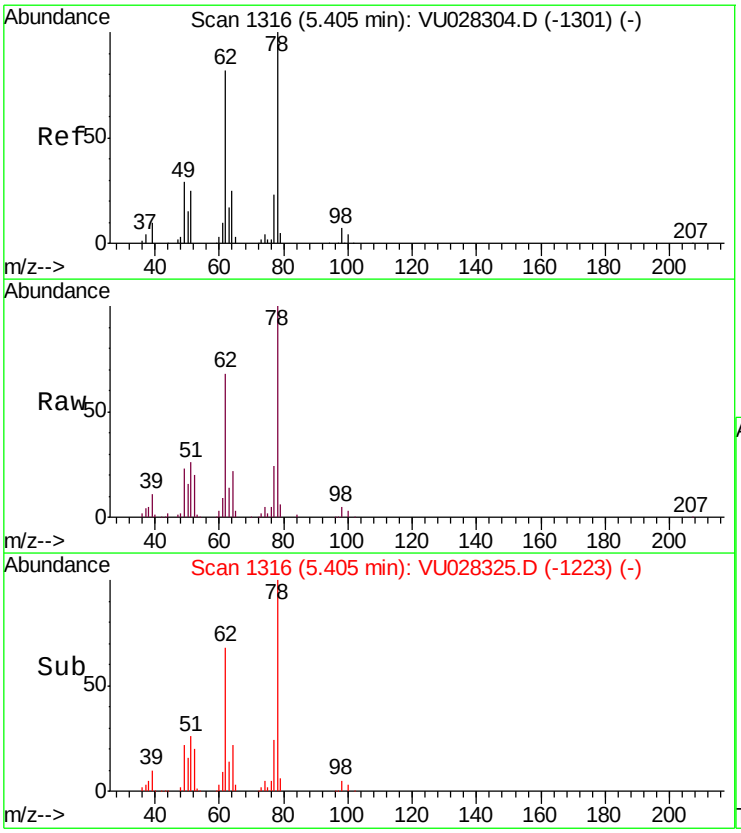
#25
Chloroform
Concen: 4.252 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 83 Resp: 119813

Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.6	82.8

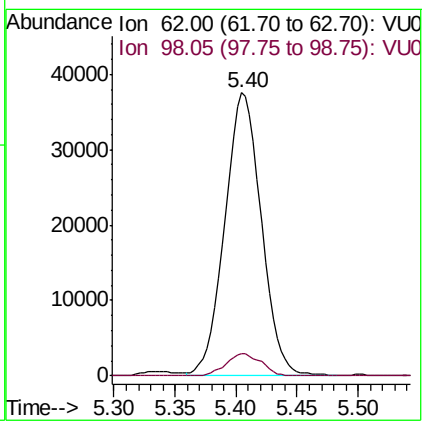


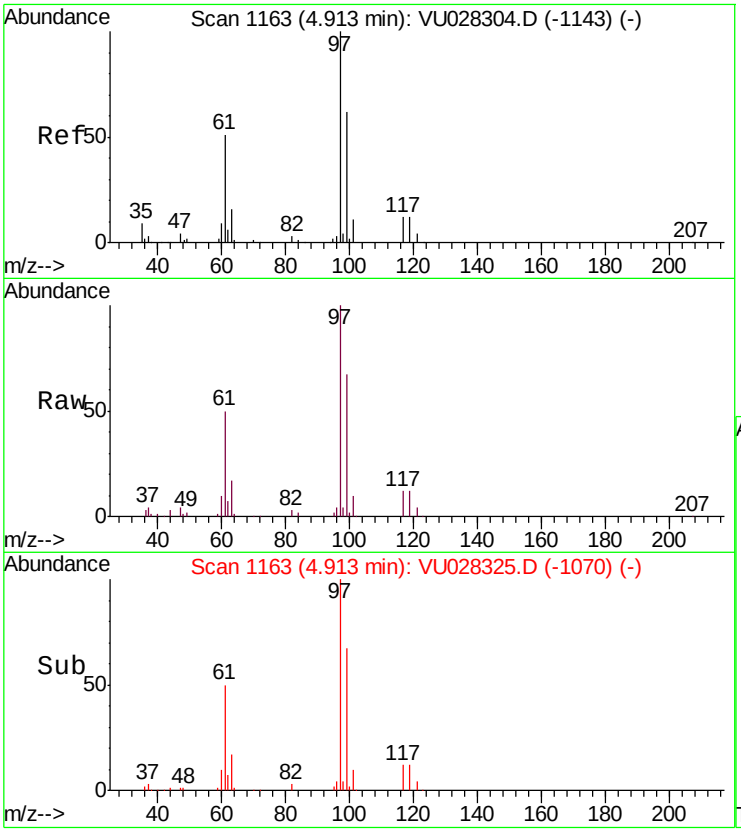


#27
1,2-Dichloroethane
Concen: 4.869 ug/L
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 62 Resp: 78428

Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.2	9.4



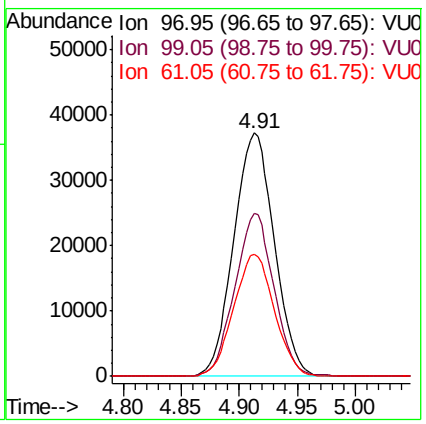


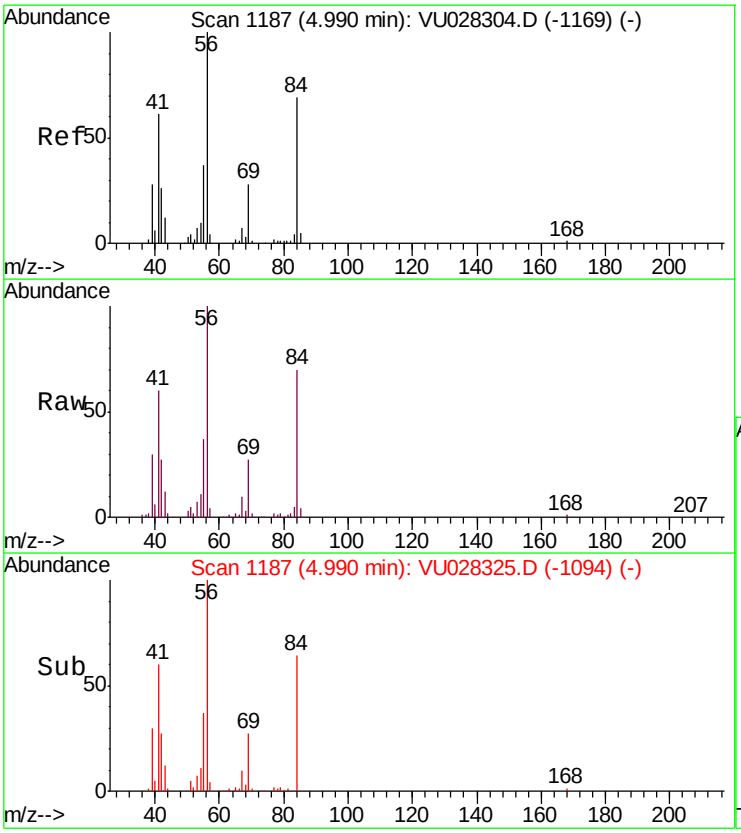
#29
1,1,1-Trichloroethane
Concen: 4.841 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 97 Resp: 90892

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.8	76.2
61	50.3	42.6	64.0

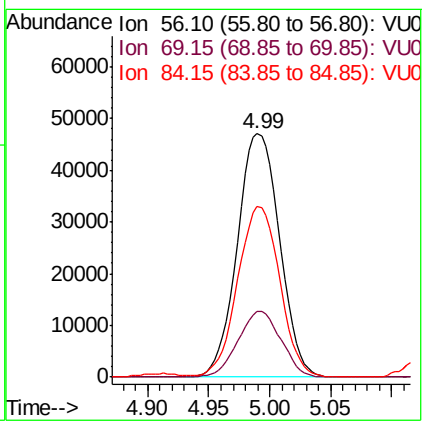


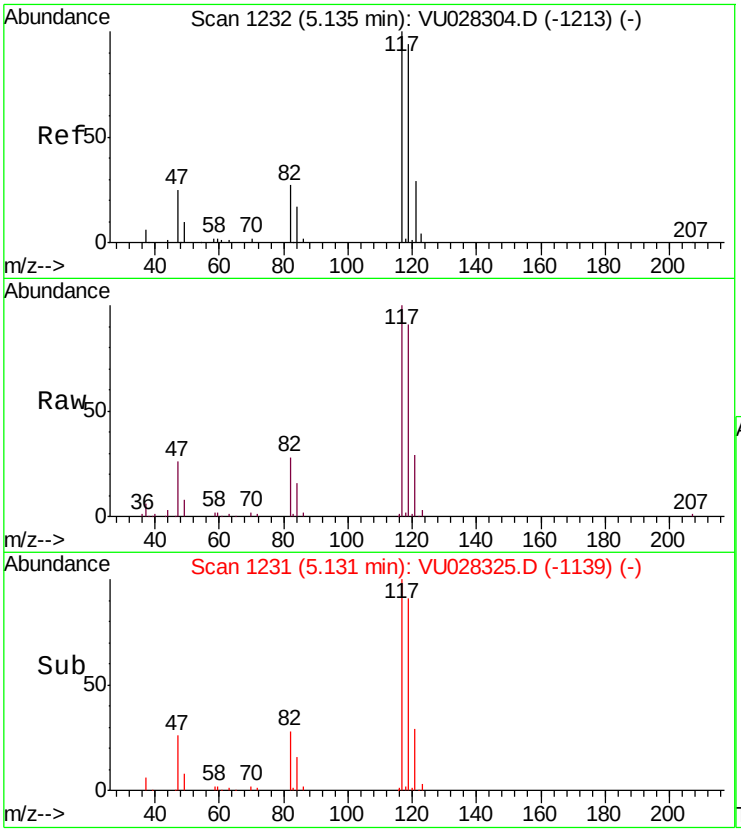


#30
Cyclohexane
Concen: 4.598 ug/L
RT: 4.99 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 56 Resp: 112990

Ion	Ratio	Lower	Upper
56	100		
69	27.2	22.0	33.0
84	70.0	56.0	84.0



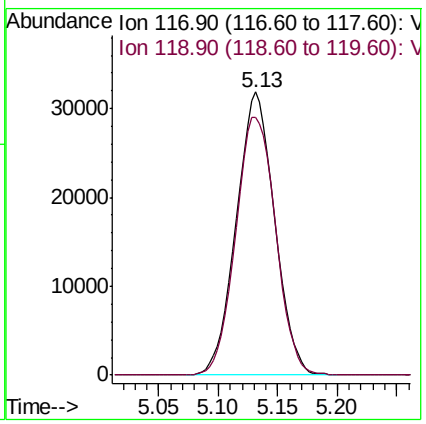


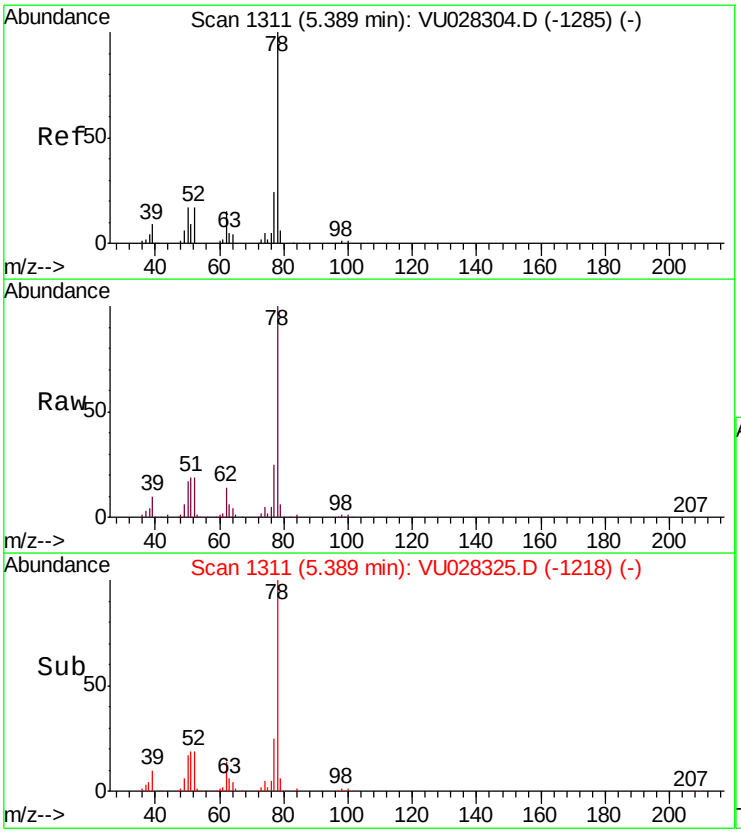
#31
Carbon tetrachloride
Concen: 4.612 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:117 Resp: 71049

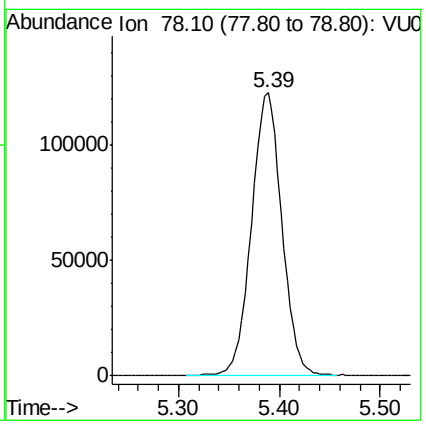
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.6	113.4

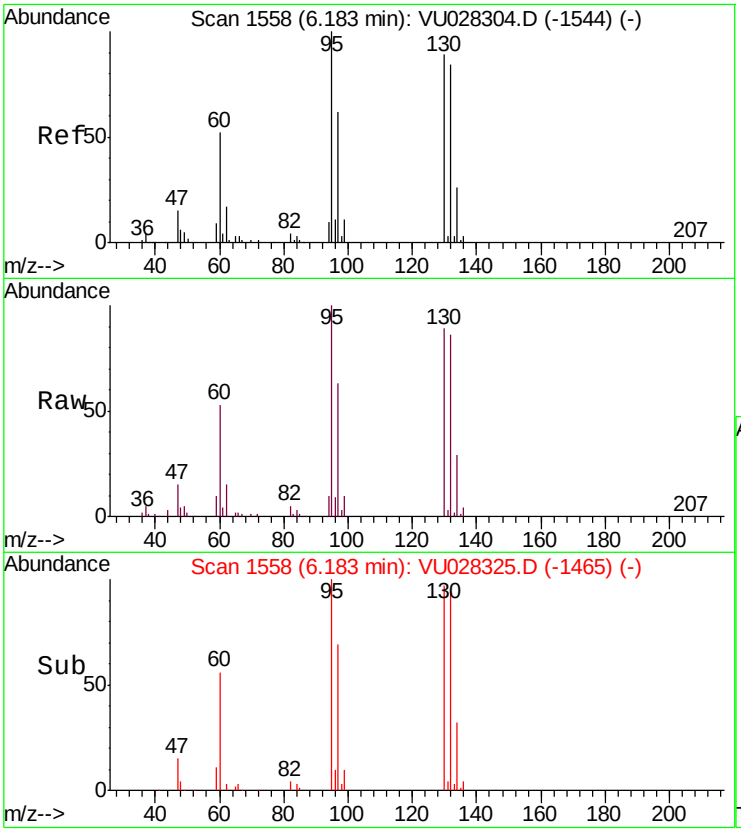




#33
Benzene
Concen: 4.668 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 78 Resp: 256547



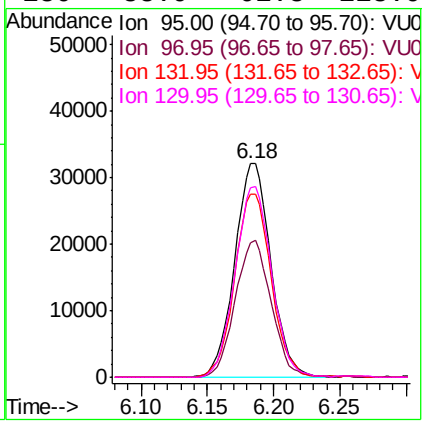


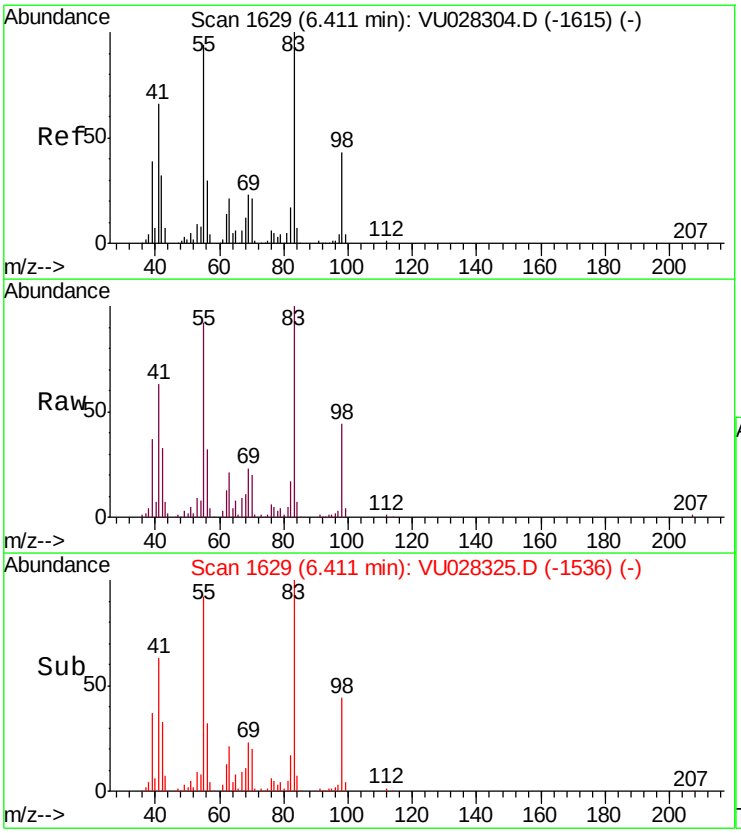
#34
Trichloroethene
Concen: 4.532 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 95 Resp: 60974

Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.5	86.3
132	86.0	58.9	109.3
130	88.9	61.3	113.9

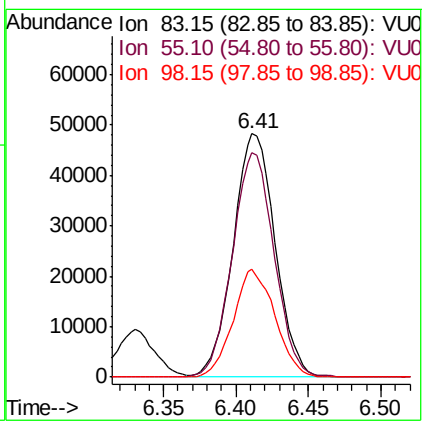


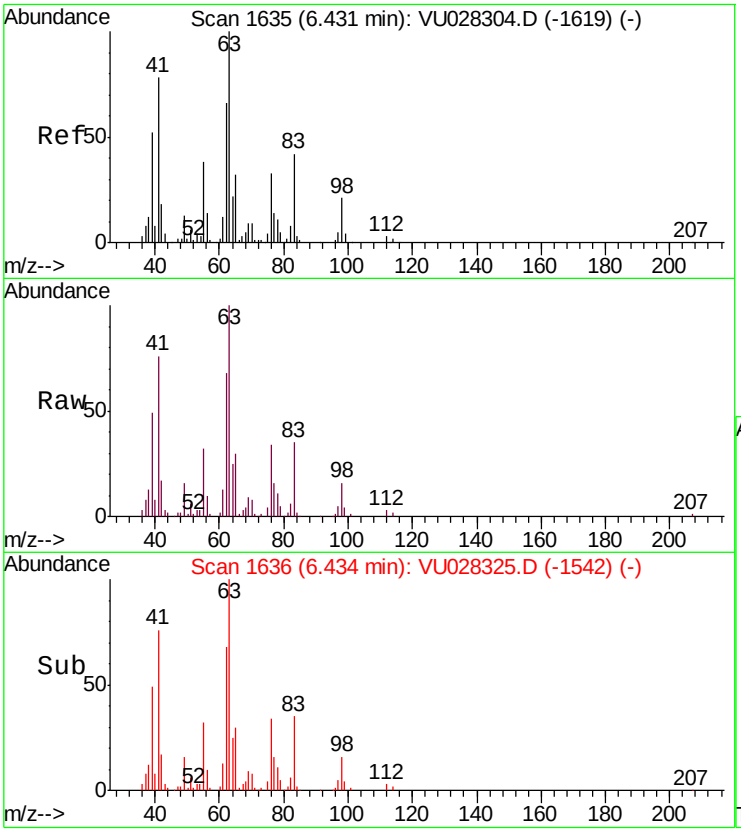


#35
Methylcyclohexane
Concen: 4.560 ug/L
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 83 Resp: 96662

Ion	Ratio	Lower	Upper
83	100		
55	92.6	73.2	109.8
98	44.1	33.4	50.2



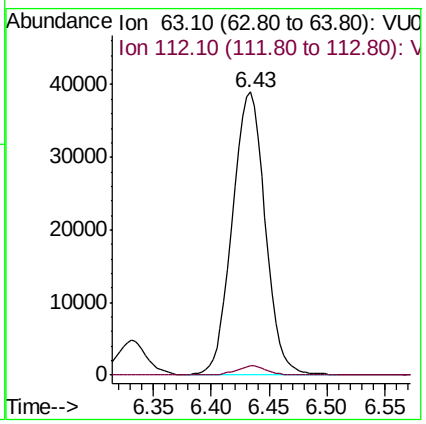


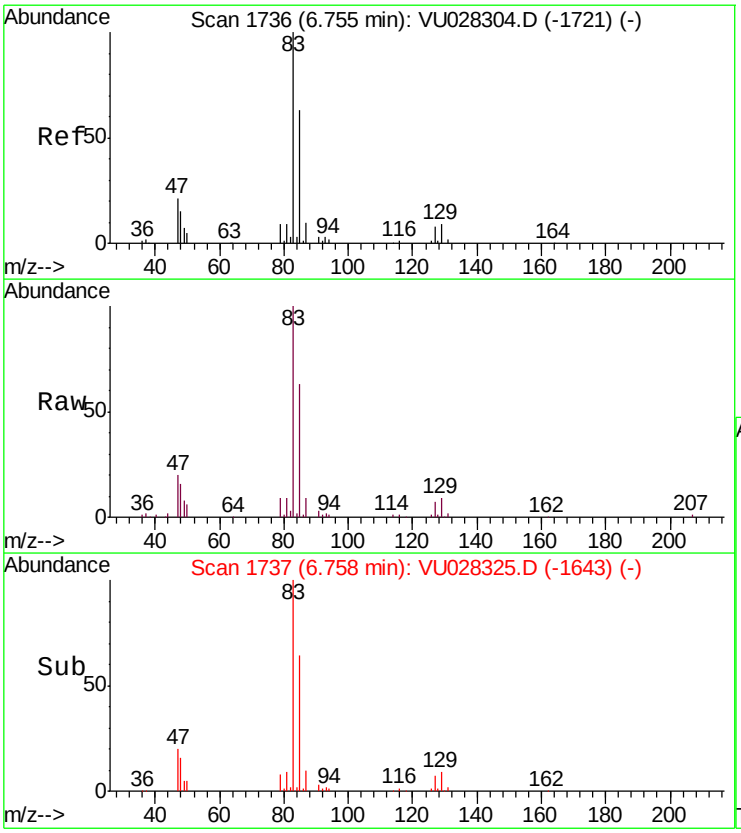
#37
1,2-Dichloropropane
Concen: 4.896 ug/L
RT: 6.43 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion: 63 Resp: 76777

Ion	Ratio	Lower	Upper
63	100		
112	2.9	2.2	3.2

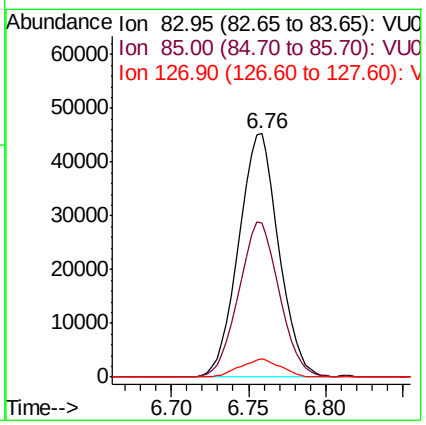


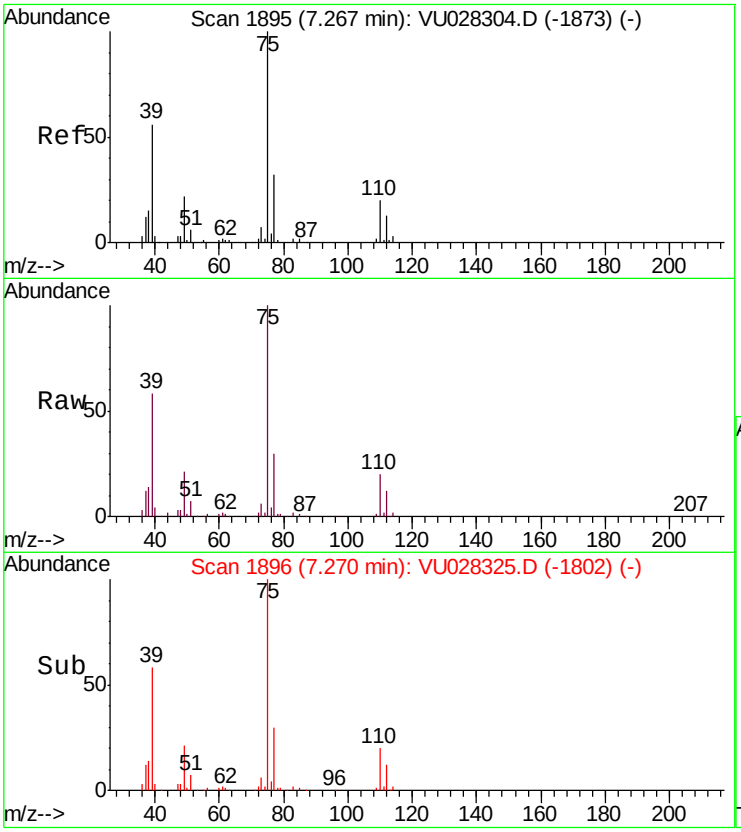


#38
Bromodichloromethane
Concen: 4.781 ug/L
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 83 Resp: 81756

Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.2	82.0
127	7.4	6.2	9.4



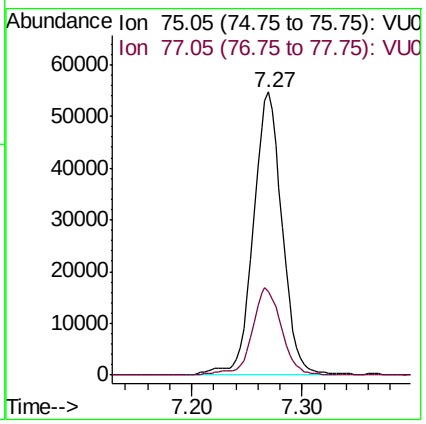


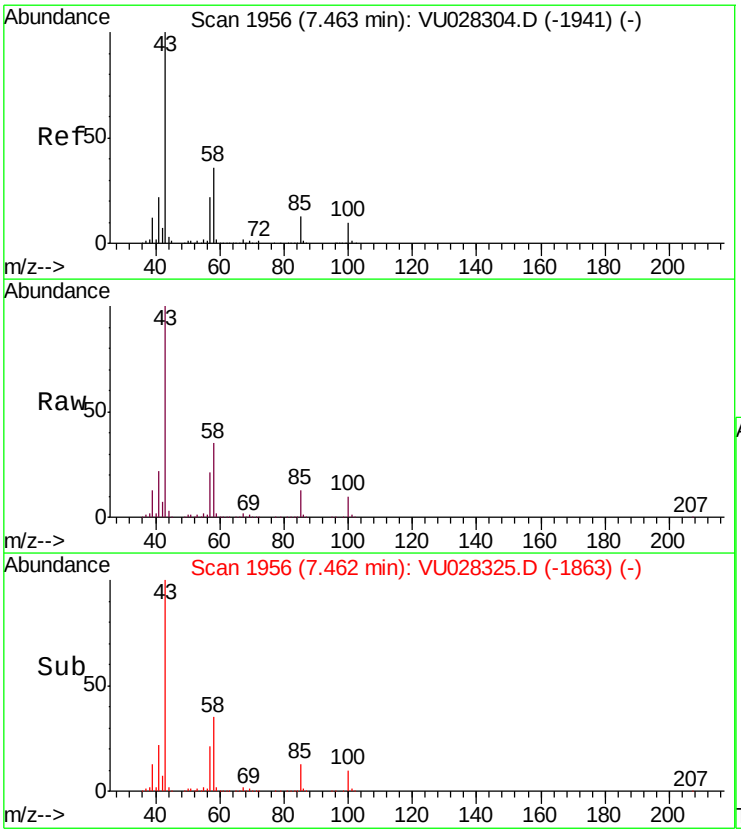
#39
cis-1,3-Dichloropropene
Concen: 4.984 ug/L
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion: 75 Resp: 99049

Ion	Ratio	Lower	Upper
75	100		
77	29.8	21.7	40.3

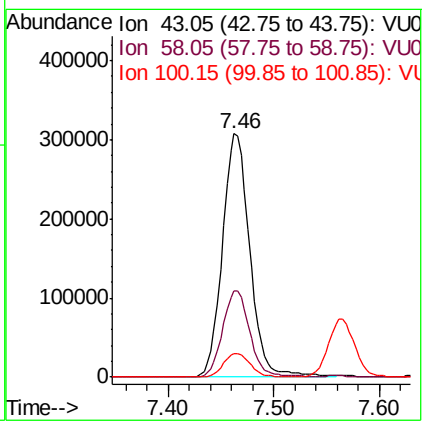


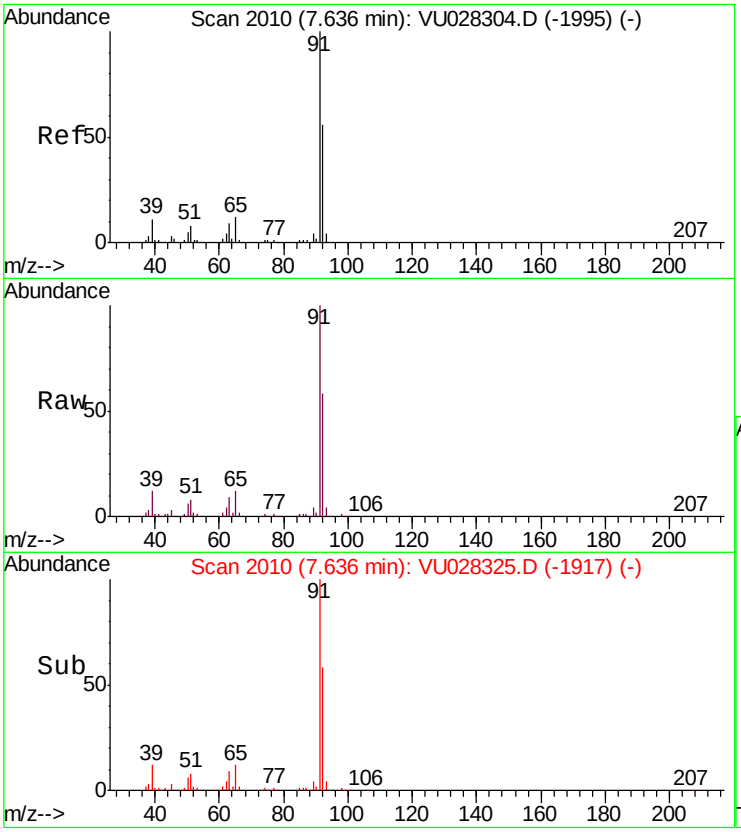


#40
4-Methyl-2-pentanone
Concen: 49.280 ug/L
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 43 Resp: 552463

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.8	43.2
100	9.6	8.0	12.0



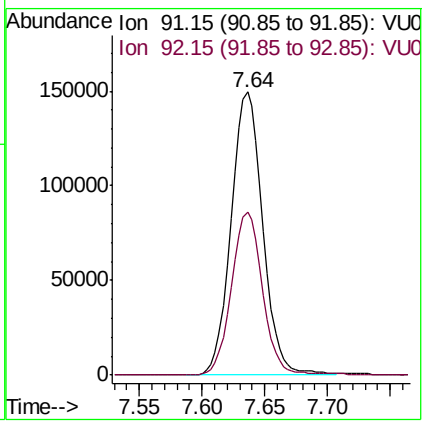


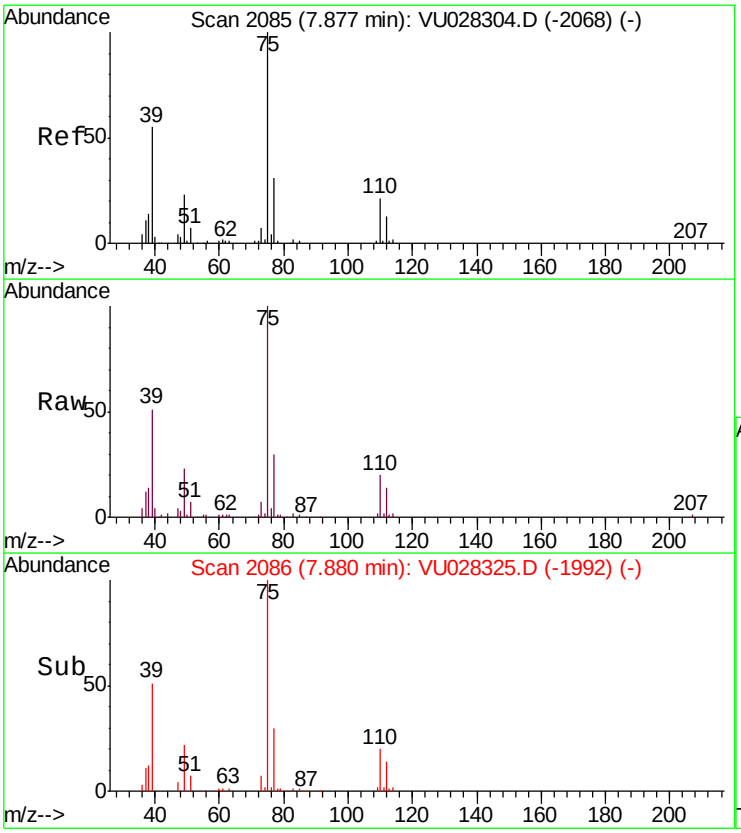
#42
Toluene
Concen: 4.706 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 91 Resp: 262136

Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.0	72.4

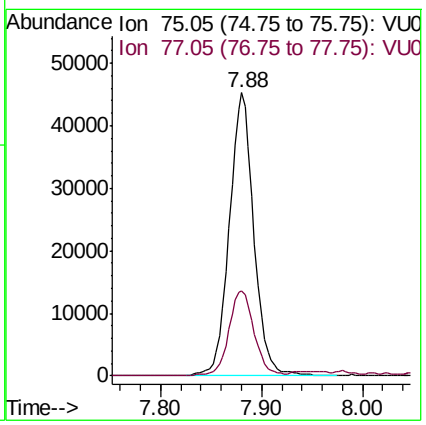


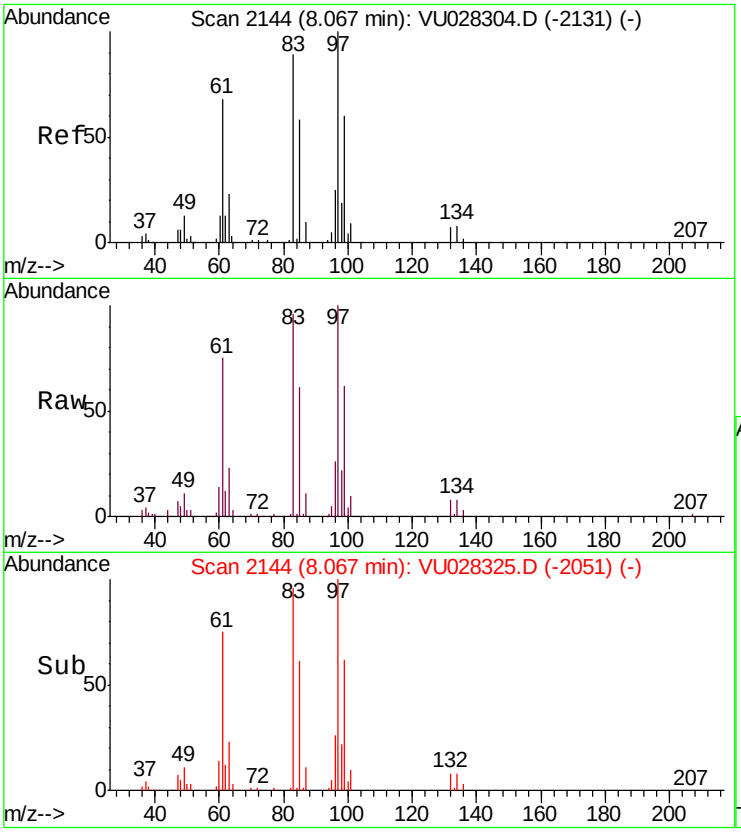


#44
trans-1,3-Dichloropropene
Concen: 5.111 ug/L
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 75 Resp: 76418

Ion	Ratio	Lower	Upper
75	100		
77	30.0	21.8	40.6



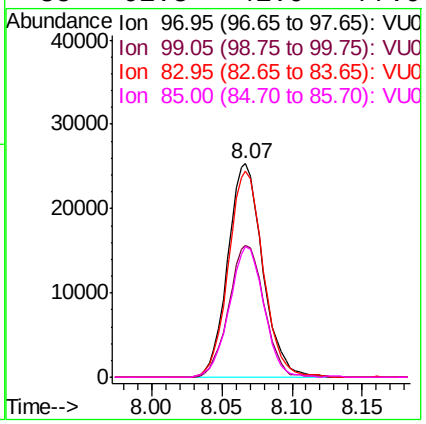


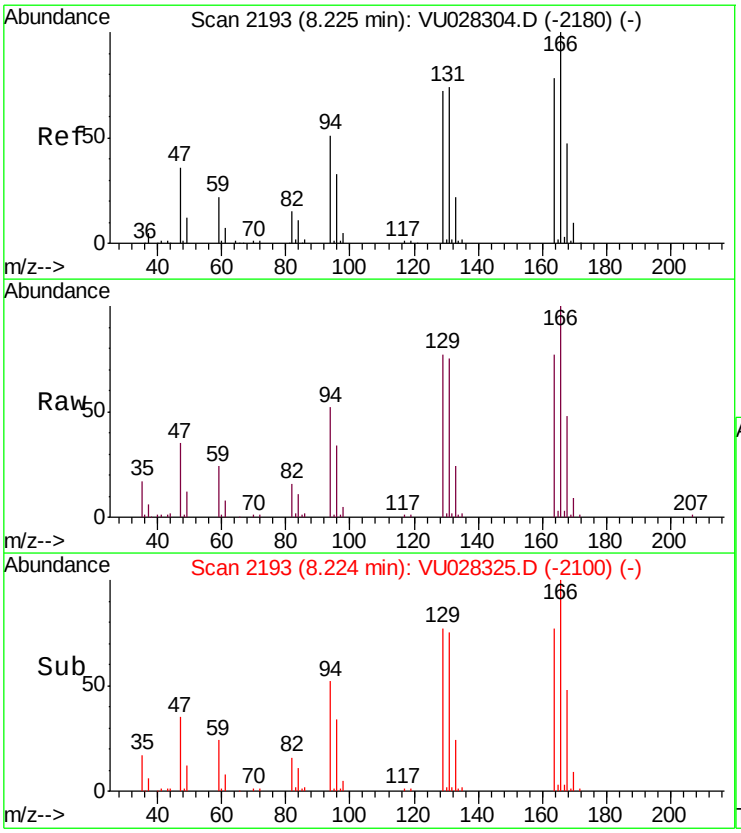
#45
1,1,2-Trichloroethane
Concen: 4.629 ug/L
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 97 Resp: 43863

Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.2	82.0
83	96.5	63.3	117.5
85	61.3	41.9	77.9

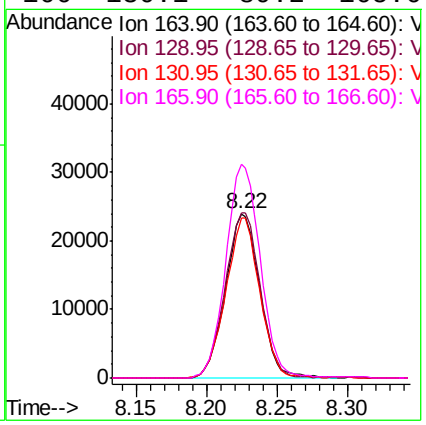


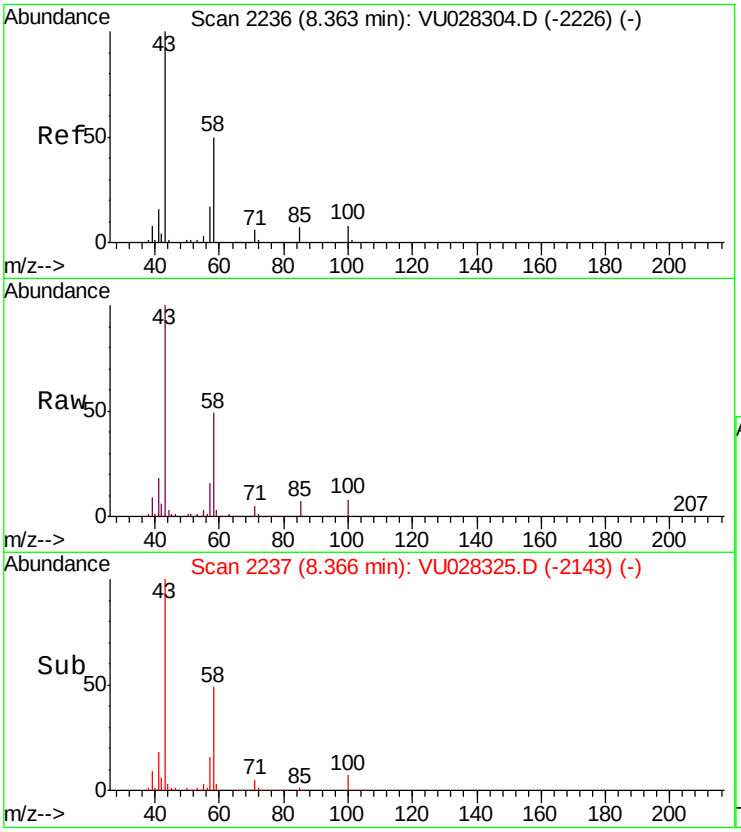


#47
Tetrachloroethene
Concen: 4.355 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:164 Resp: 40674

Ion	Ratio	Lower	Upper
164	100		
129	100.7	67.6	125.6
131	97.2	66.3	123.1
166	130.1	89.2	165.6



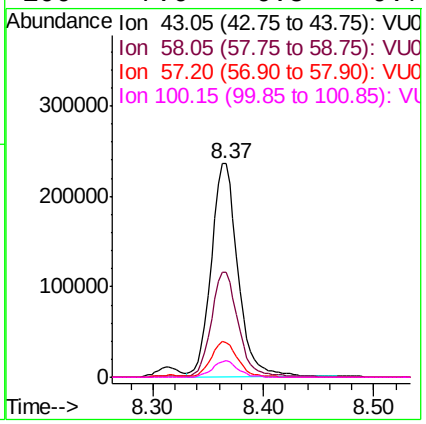


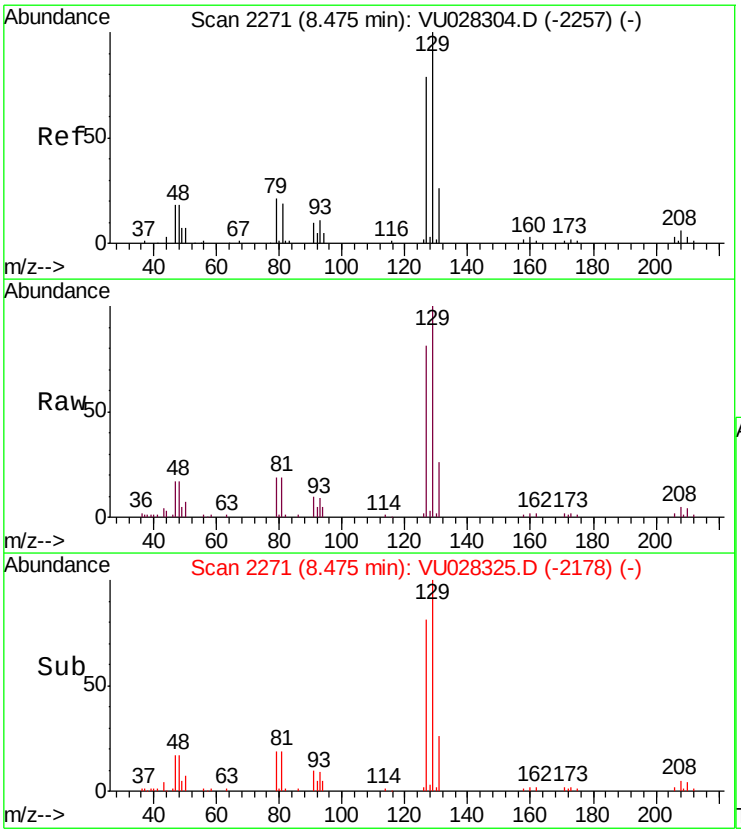
#48
2-Hexanone
Concen: 49.274 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 43 Resp: 393845

Ion	Ratio	Lower	Upper
43	100		
58	49.7	41.1	61.7
57	16.5	13.8	20.8
100	7.6	6.5	9.7

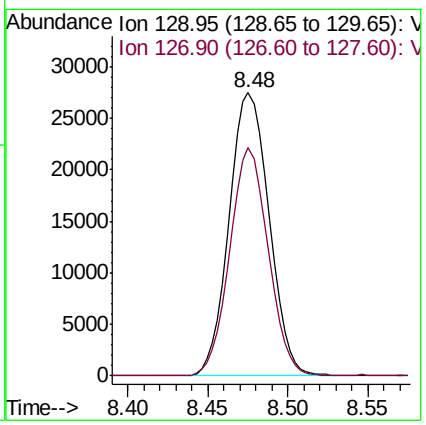


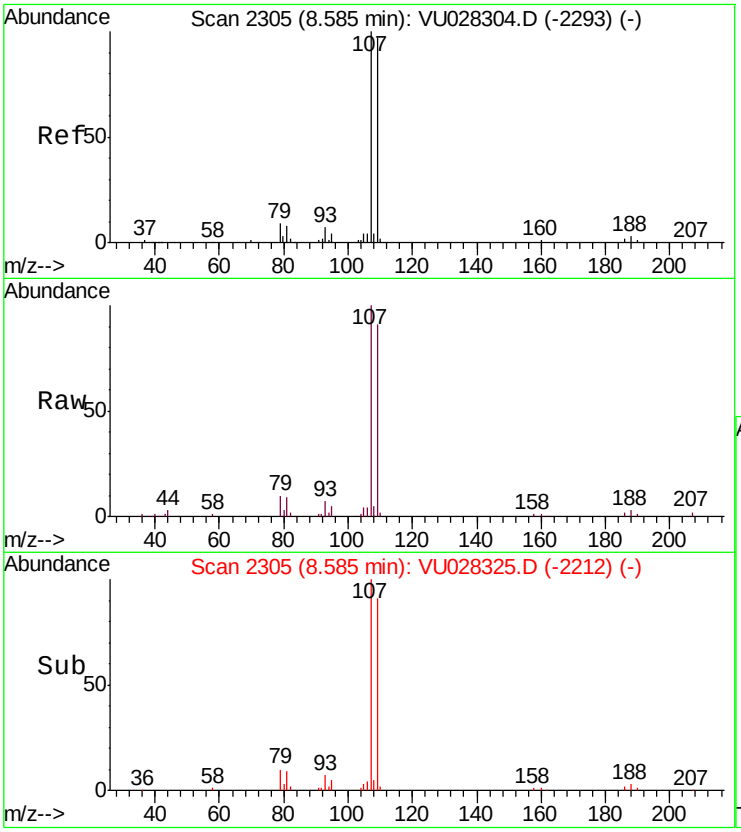


#49
Dibromochloromethane
Concen: 4.881 ug/L
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:129 Resp: 46810

Ion	Ratio	Lower	Upper
129	100		
127	80.6	54.7	101.5



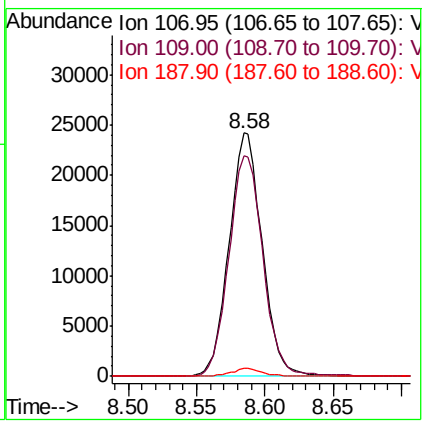


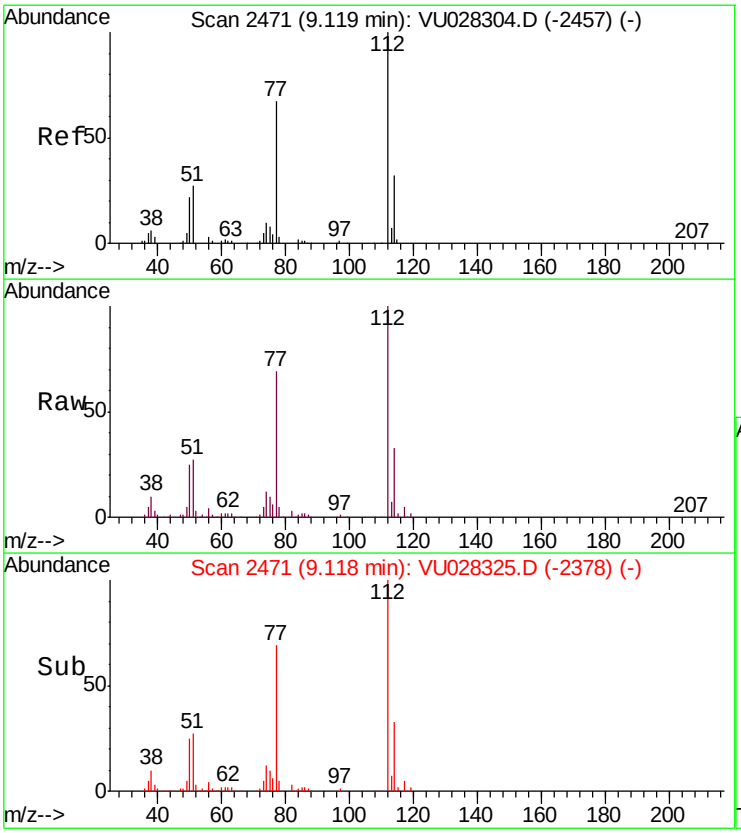
#50
1,2-Dibromoethane
Concen: 4.746 ug/L
RT: 8.58 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:107 Resp: 40642

Ion	Ratio	Lower	Upper
107	100		
109	90.6	63.7	118.3
188	3.4	2.5	3.7

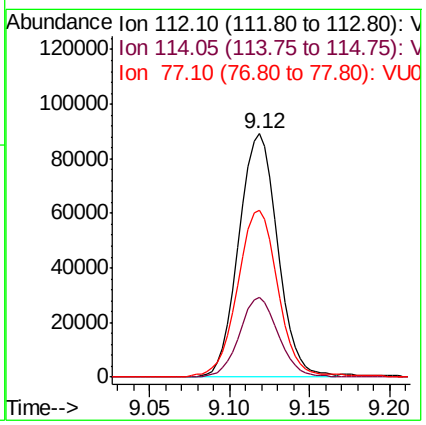


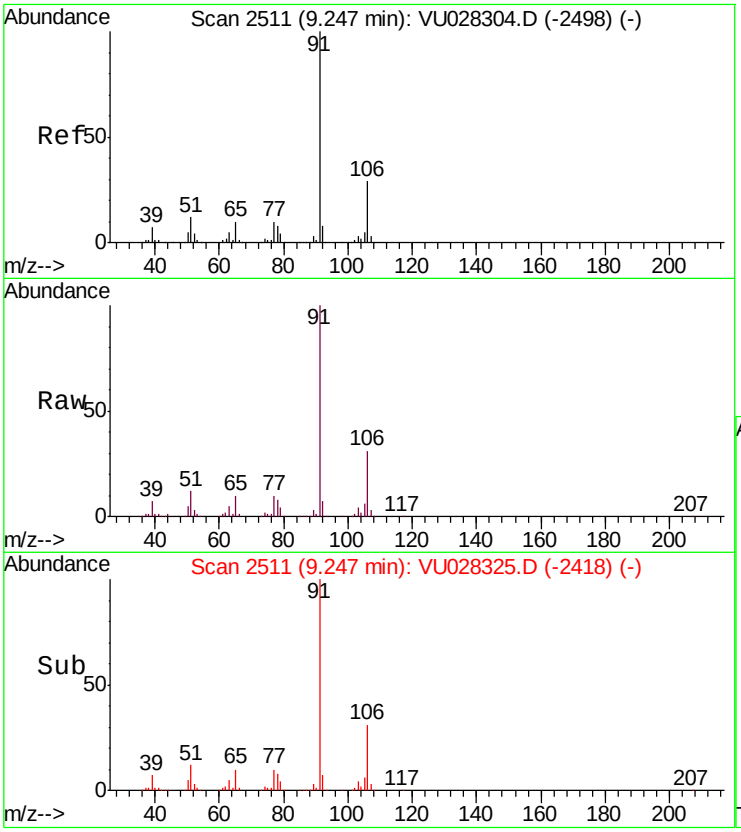


#51
Chlorobenzene
Concen: 4.614 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:112 Resp: 148008

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.5
77	68.7	52.4	78.6



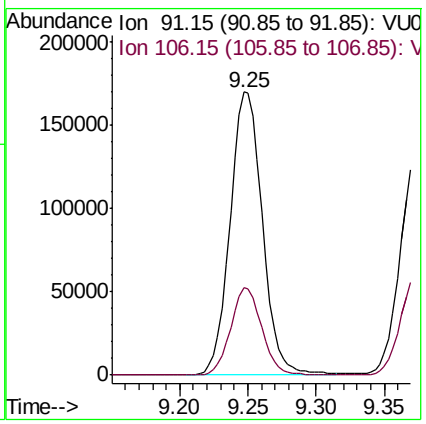


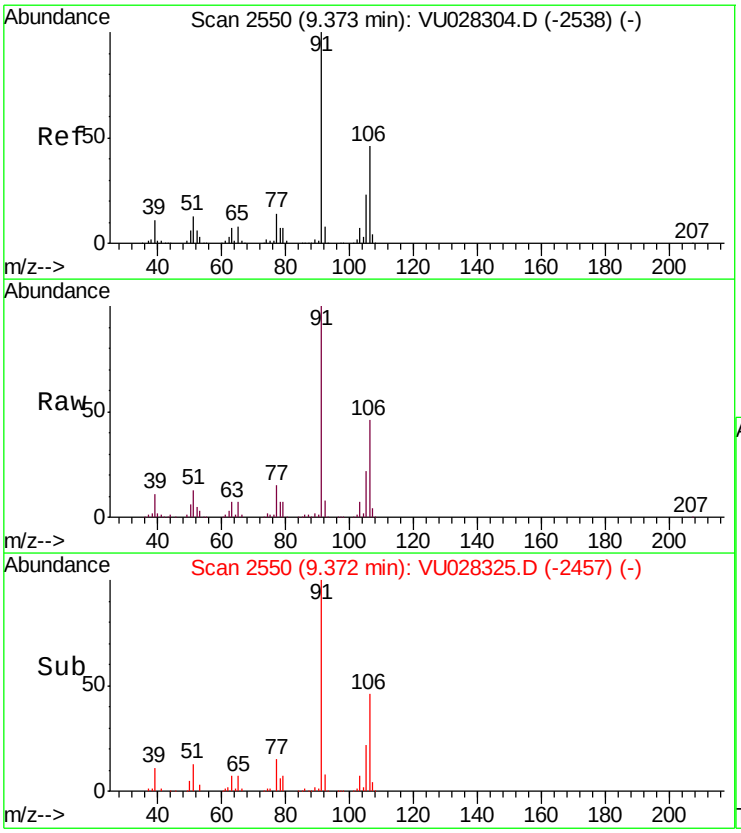
#52
Ethylbenzene
Concen: 4.672 ug/L
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 91 Resp: 280023

Ion	Ratio	Lower	Upper
91	100		
106	30.7	19.3	35.9

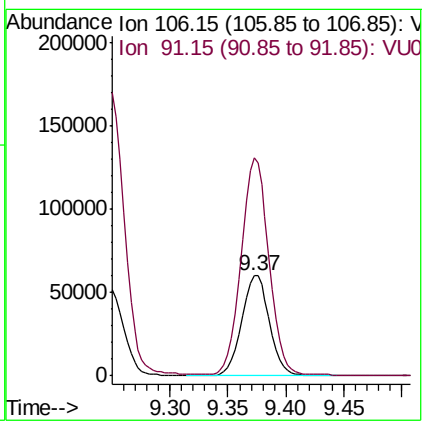


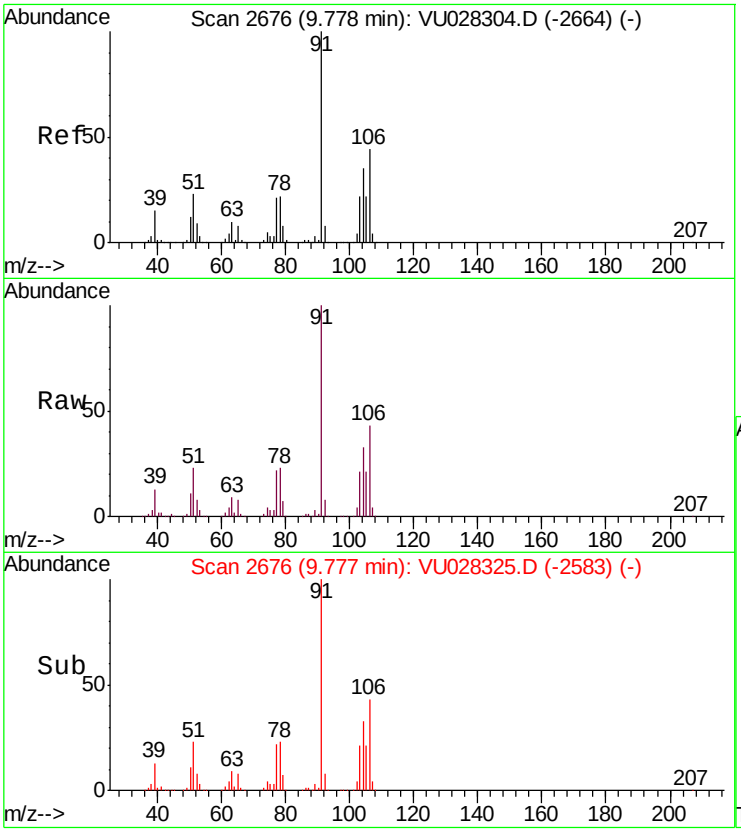


#53
m,p-xylene
Concen: 4.801 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:106 Resp: 99859

Ion	Ratio	Lower	Upper
106	100		
91	218.7	150.6	279.6



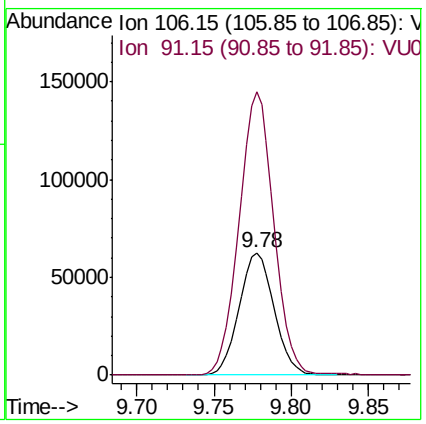


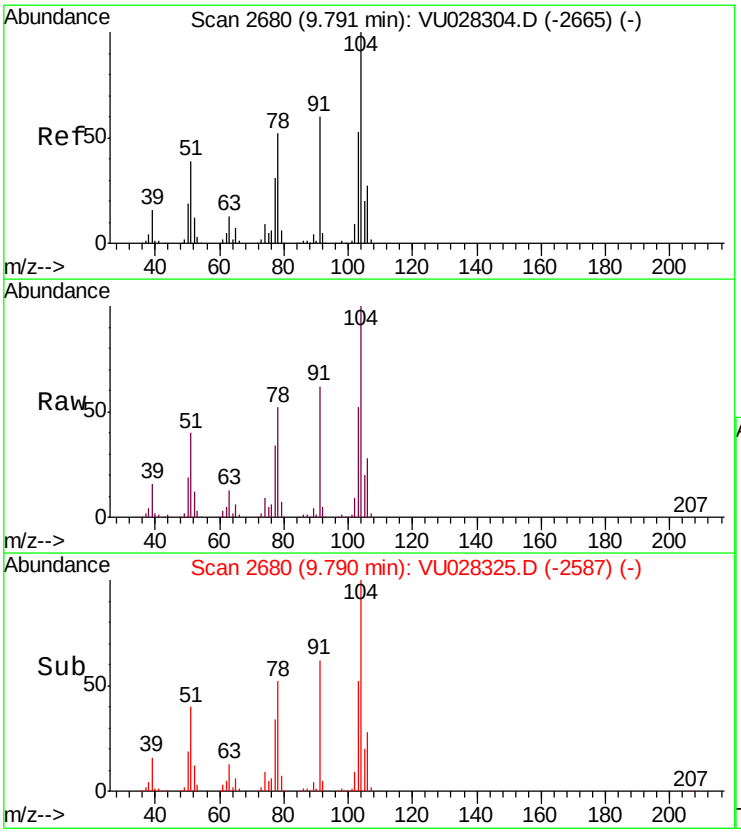
#54
o-xylene
Concen: 4.745 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:106 Resp: 98561

Ion	Ratio	Lower	Upper
106	100		
91	230.8	157.5	292.5

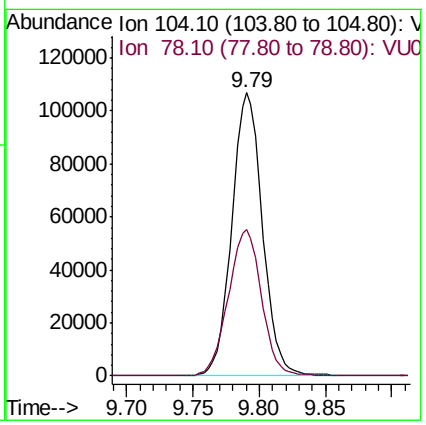


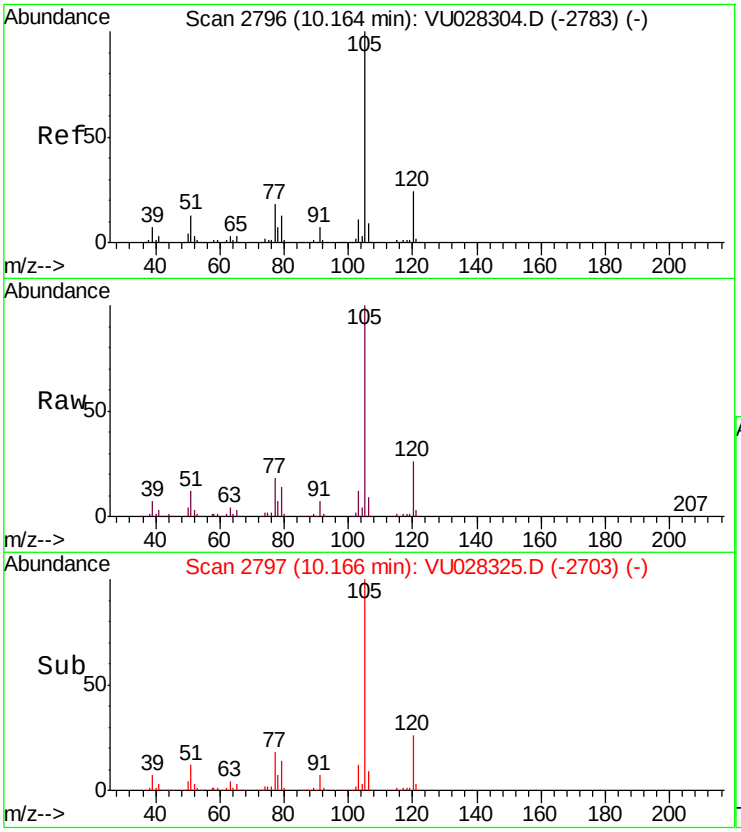


#55
Styrene
Concen: 4.910 ug/L
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:104 Resp: 171236

Ion	Ratio	Lower	Upper
104	100		
78	51.6	33.4	62.0



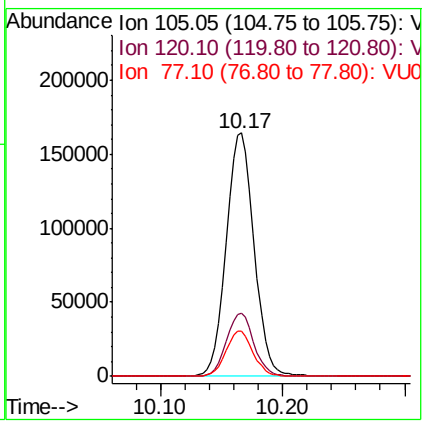


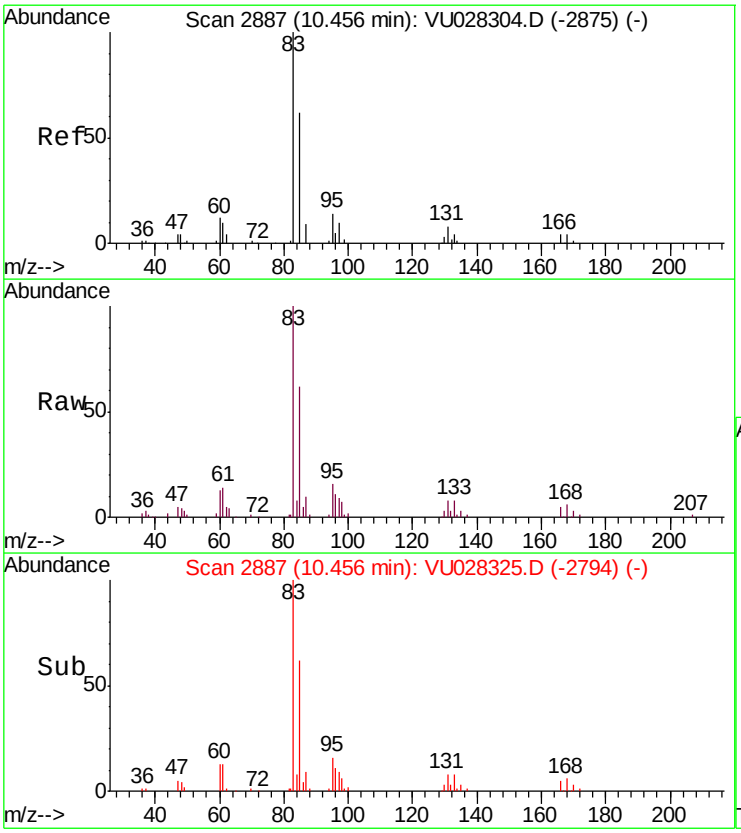
#56
Isopropylbenzene
Concen: 4.723 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion:105 Resp: 262768

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.3	30.5
77	18.2	14.5	21.7

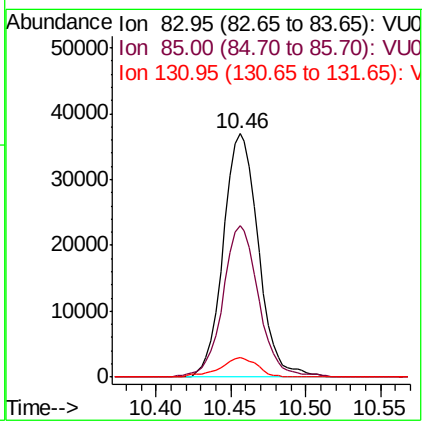


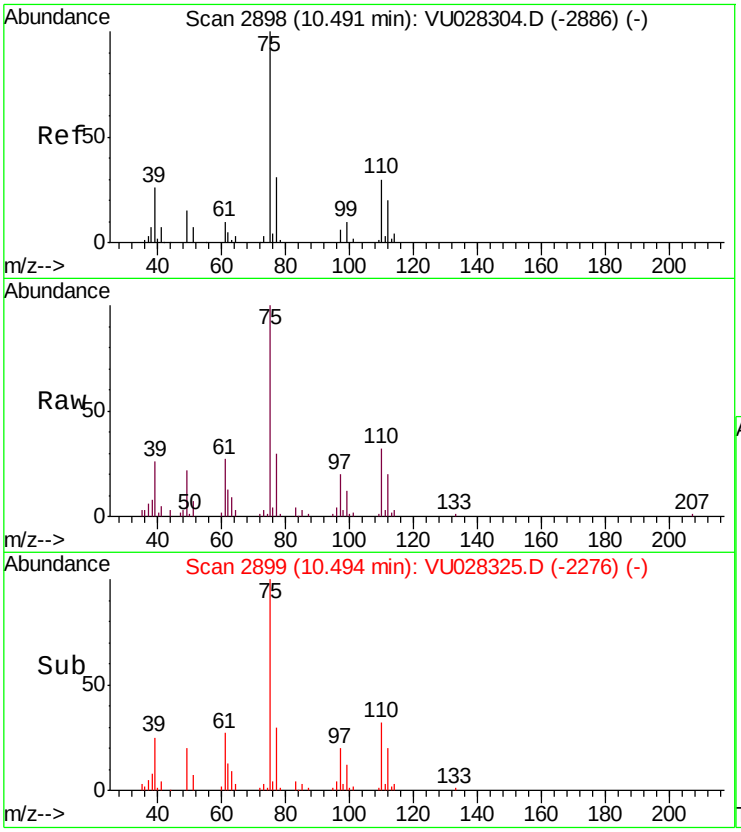


#58
1,1,2,2-Tetrachloroethane
Concen: 4.955 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 83 Resp: 60349

Ion	Ratio	Lower	Upper
83	100		
85	62.3	46.1	85.5
131	8.0	6.2	9.2



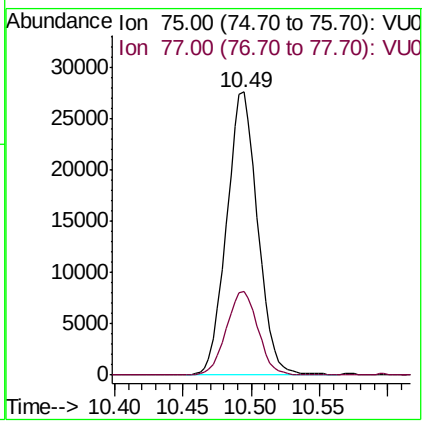


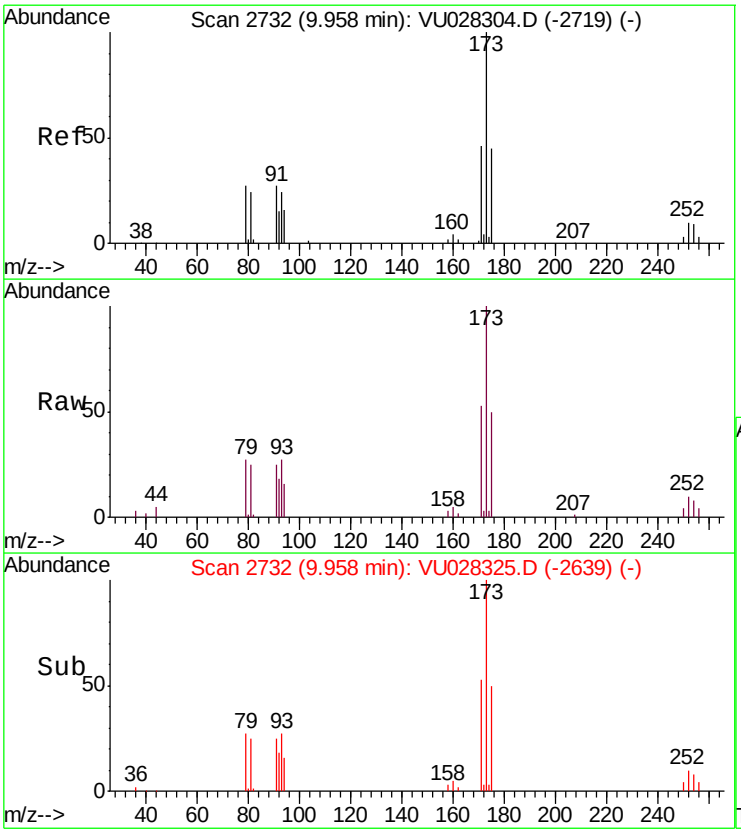
#59
1,2,3-Trichloropropane
Concen: 4.822 ug/L
RT: 10.49 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion: 75 Resp: 43689

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.7	38.5

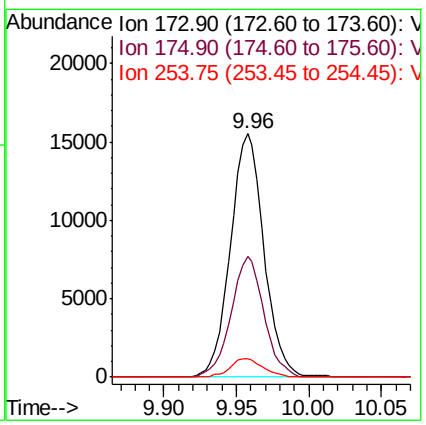


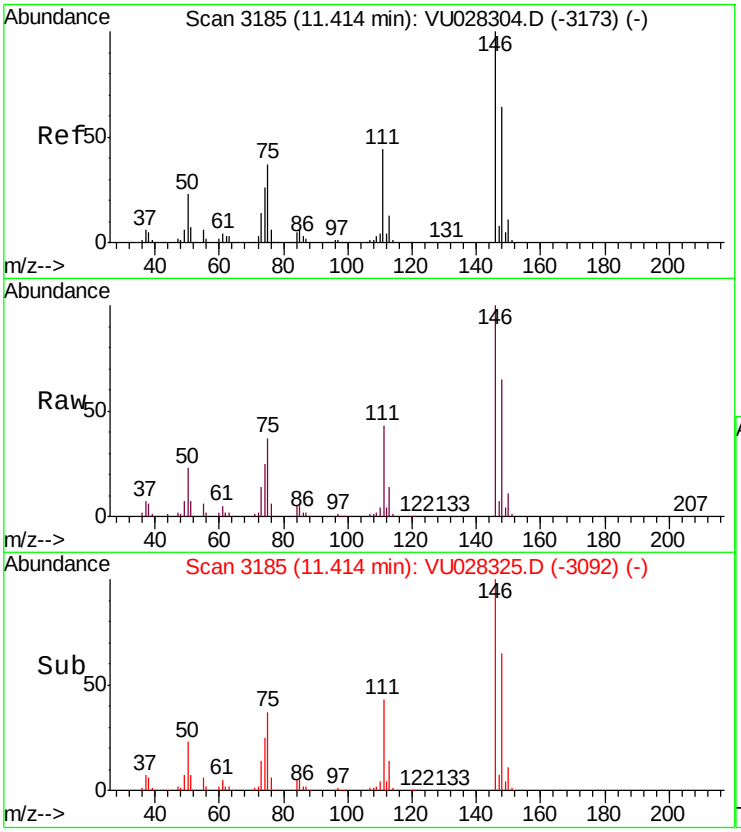


#61
Bromoform
Concen: 5.033 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:173 Resp: 24855

Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.7	58.1
254	7.4	6.6	10.0



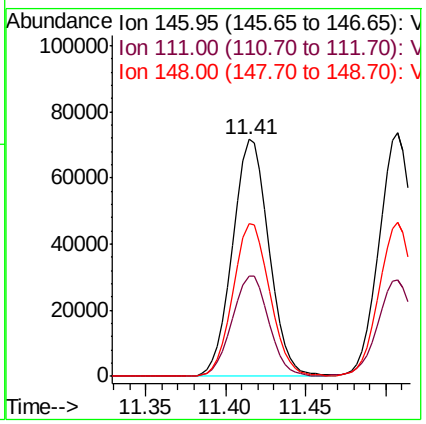


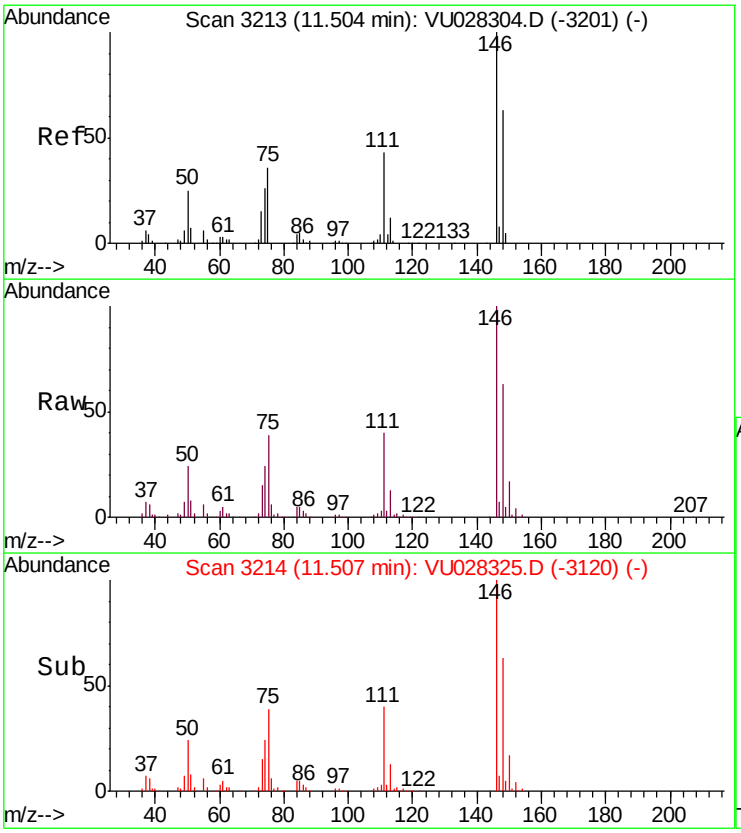
#62
1,3-Dichlorobenzene
Concen: 4.693 ug/L
RT: 11.41 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:146 Resp: 111253

Ion	Ratio	Lower	Upper
146	100		
111	42.6	30.4	56.4
148	64.7	45.3	84.1

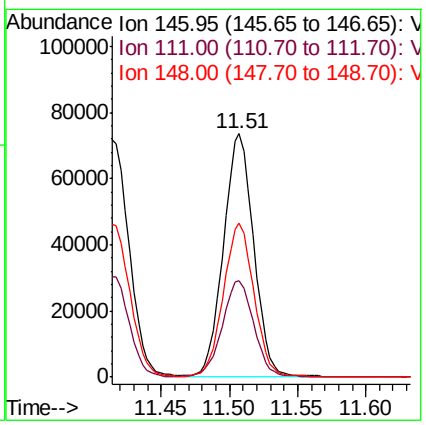


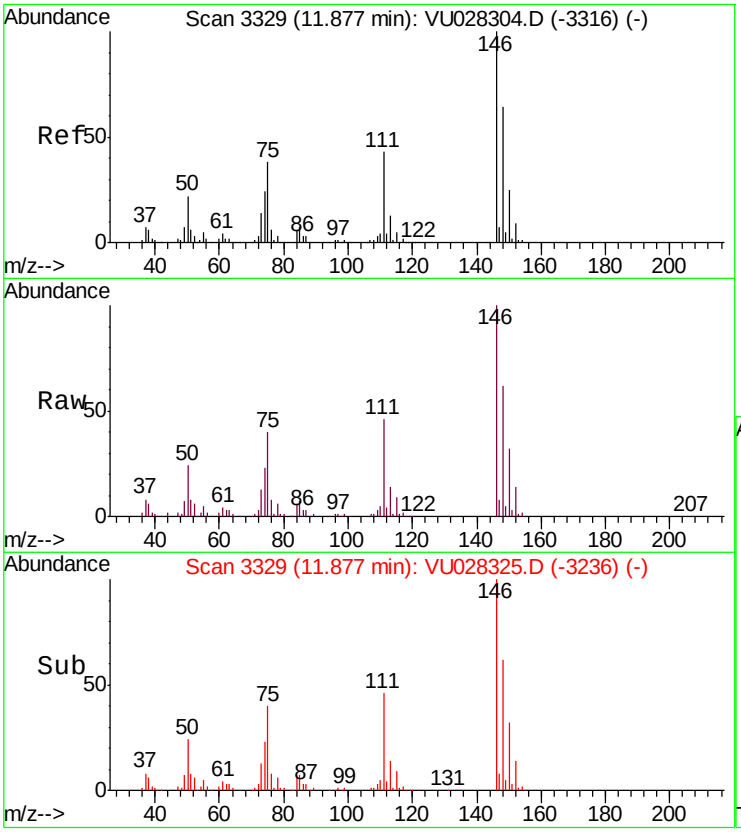


#63
1,4-Dichlorobenzene
Concen: 4.706 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:146 Resp: 113793

Ion	Ratio	Lower	Upper
146	100		
111	39.7	28.9	53.7
148	63.3	44.5	82.7



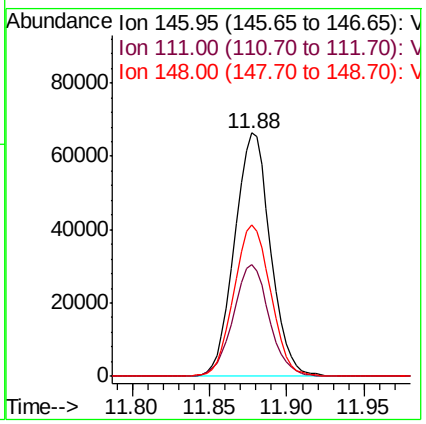


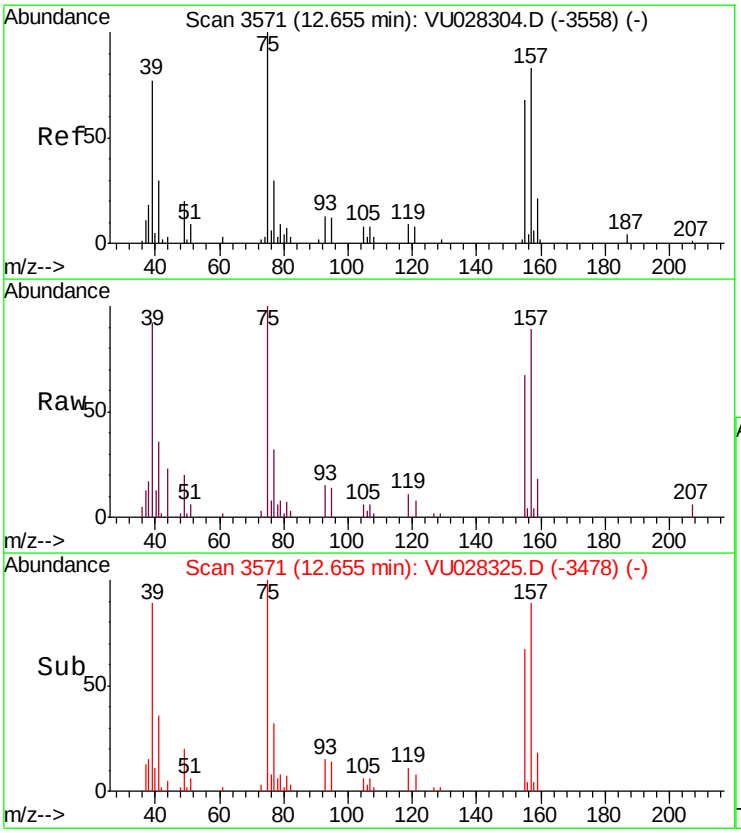
#65
1,2-Dichlorobenzene
Concen: 4.606 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:146 Resp: 107043

Ion	Ratio	Lower	Upper
146	100		
111	45.9	34.7	52.1
148	62.1	51.2	76.8

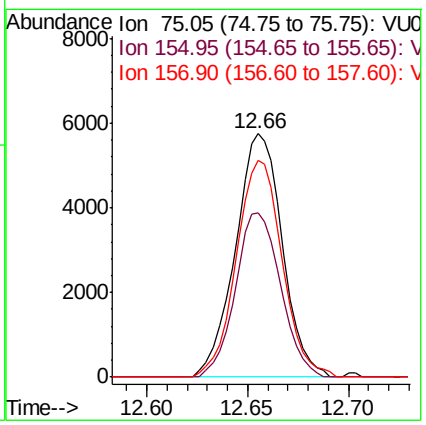


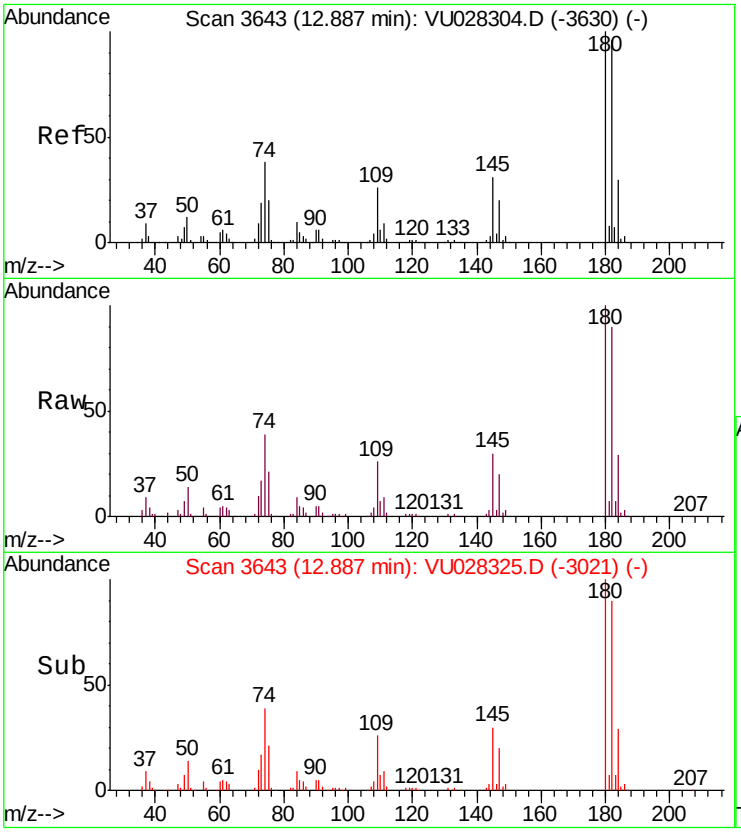


#66
1,2-Dibromo-3-chloropropane
Concen: 5.166 ug/L
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion: 75 Resp: 9354

Ion	Ratio	Lower	Upper
75	100		
155	67.4	46.1	69.1
157	88.8	67.0	100.6



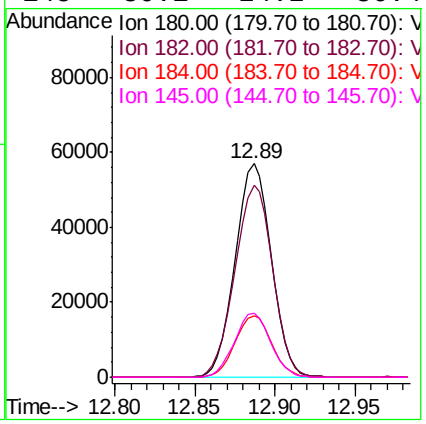


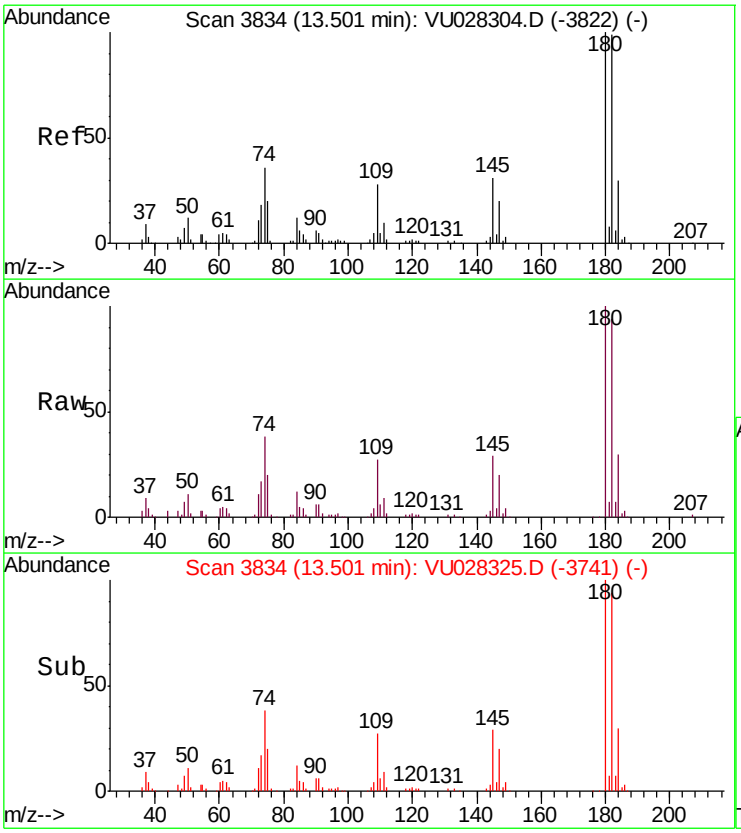
#67
1,3,5-Trichlorobenzene
Concen: 4.838 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:180 Resp: 87713

Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.5	116.3
184	29.1	23.7	35.5
145	30.1	24.2	36.4

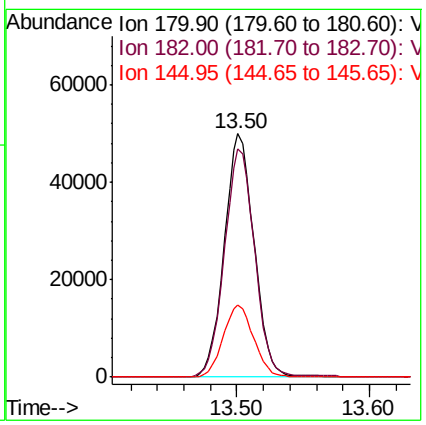


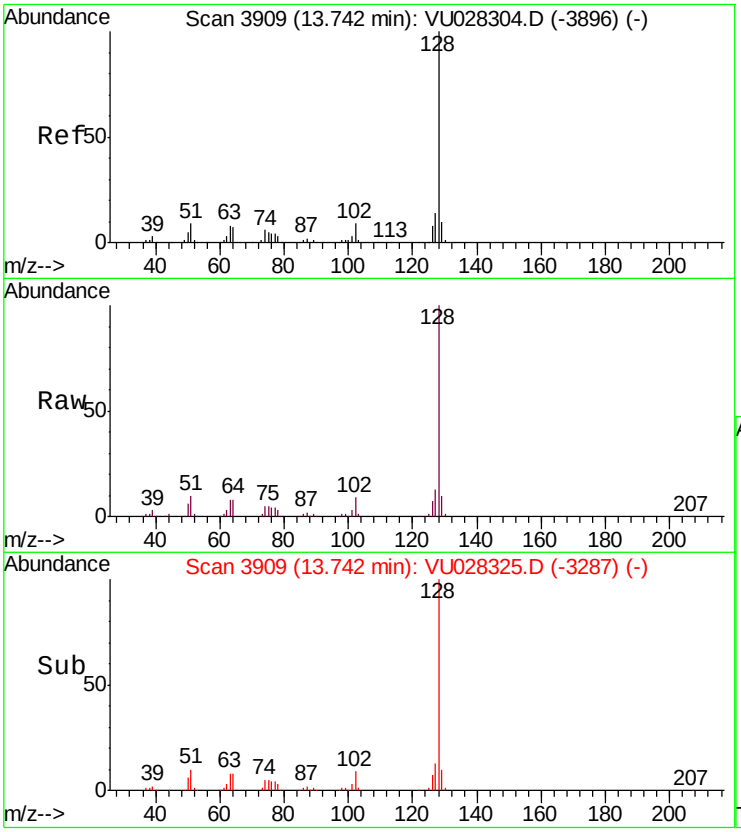


#68
1,2,4-trichlorobenzene
Concen: 5.146 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:180 Resp: 77954

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.2
145	29.9	24.5	36.7



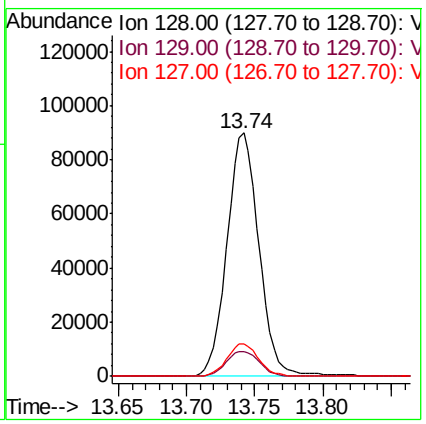


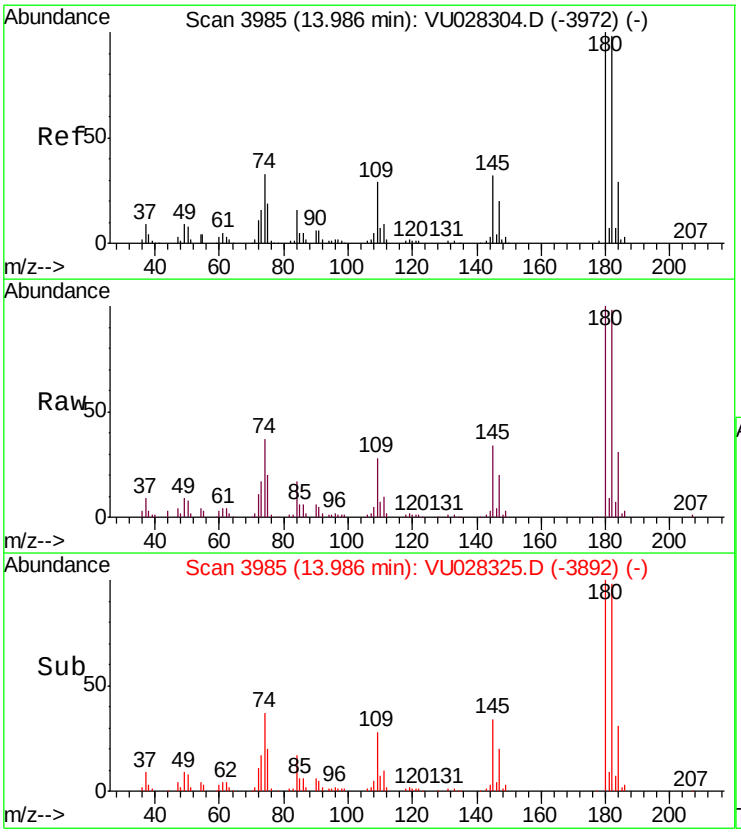
#69
Naphthalene
Concen: 5.443 ug/L
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:128 Resp: 146543

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.3	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 5.038 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU028325.D
Acq: 21 Nov 2018 17:25

Tgt Ion:180 Resp: 72289

Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.4
145	32.0	25.7	38.5