Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Not Reviewed)

Data File : VU026942.D
Acq On : 20 Sep 2018 18:20
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Quant Time: Sep 21 04:27:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	276916	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	257336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	133647	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	87904	42.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.82%			
7) Chloroethane-d5	1.67	69	73396	41.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.72%			
11) 1,1-Dichloroethene-d2	2.27	63	165346	42.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.32%			
21) 2-Butanone-d5	4.18	46	116805	85.93	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.93%			
24) Chloroform-d	4.65	84	149758	39.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.82%			
26) 1,2-Dichloroethane-d4	5.31	65	93491	39.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.14%			
32) Benzene-d6	5.34	84	307223	42.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.20%			
36) 1,2-Dichloropropane-d6	6.33	67	97232	41.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.68%			
41) Toluene-d8	7.57	98	283518	43.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.02%			
43) trans-1,3-Dichloropropene-	7.85	79	43904	42.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.64%			
47) 2-Hexanone-d5	8.31	63	89277	97.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.76%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131920	40.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	118136	42.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.98%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	129045	49.309	ug/L	100
3) Chloromethane	1.32	50	143653	53.812	ug/L	100
5) Vinyl chloride	1.40	62	132246	50.904	ug/L	100
6) Bromomethane	1.61	94	73227	57.068	ug/L	98
8) Chloroethane	1.69	64	80841	49.656	ug/L	97
9) Trichlorofluoromethane	1.88	101	164089	50.835	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	97458	50.970	ug/L	99
12) 1,1-Dichloroethene	2.28	96	90716	50.517	ug/L	88
13) Acetone	2.32	43	103858	77.731	ug/L	97
14) Carbon disulfide	2.47	76	280499	45.264	ug/L	100
15) Methyl Acetate	2.61	43	113237	48.915	ug/L	99
16) Methylene chloride	2.70	84	106732	46.755	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	94144	47.601	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	303213	52.426	ug/L	99
19) 1,1-Dichloroethane	3.44	63	182697	47.893	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	107731	49.526	ug/L	94
22) 2-Butanone	4.26	43	153107	92.922	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Not Reviewed)

Data File : VU026942.D
Acq On : 20 Sep 2018 18:20
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Quant Time: Sep 21 04:27:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	56025	47.702	ug/L		98
25) Chloroform	4.67	83	181513	46.979	ug/L		98
27) 1,2-Dichloroethane	5.40	62	137634	45.649	ug/L		100
29) Cyclohexane	5.00	56	164970	55.213	ug/L		99
30) 1,1,1-Trichloroethane	4.92	97	154846	50.579	ug/L		98
31) Carbon tetrachloride	5.13	117	136224	49.654	ug/L		98
33) Benzene	5.39	78	405085	50.773	ug/L		100
34) Trichloroethene	6.19	95	96677	50.497	ug/L		98
35) Methylcyclohexane	6.42	83	164643	52.756	ug/L		99
37) 1,2-Dichloropropane	6.43	63	110665	50.493	ug/L		100
38) Bromodichloromethane	6.76	83	135481	49.847	ug/L		100
39) cis-1,3-Dichloropropene	7.27	75	160007	51.683	ug/L		100
40) 4-Methyl-2-pentanone	7.46	43	279614	107.372	ug/L		98
42) Toluene	7.64	91	420648	52.100	ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	145157	50.075	ug/L		100
45) 1,1,2-Trichloroethane	8.07	97	99846	49.969	ug/L		98
46) Tetrachloroethene	8.23	164	87037	51.283	ug/L		99
48) 2-Hexanone	8.36	43	218559	104.045	ug/L		99
49) Dibromochloromethane	8.48	129	112908	49.919	ug/L		99
50) 1,2-Dibromoethane	8.59	107	104274	50.057	ug/L	#	97
51) Chlorobenzene	9.12	112	282829	51.626	ug/L		99
52) Ethylbenzene	9.25	91	454460	53.735	ug/L		99
53) m,p-Xylene	9.38	106	178912	55.029	ug/L		98
54) o-xylene	9.78	106	177683	56.090	ug/L		98
55) Styrene	9.79	104	299024	54.673	ug/L		100
56) Isopropylbenzene	10.17	105	455467	56.286	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	166137	49.434	ug/L		100
59) 1,2,3-Trichloropropane	10.49	75	129673	49.394	ug/L		100
61) Bromoform	9.96	173	86071	48.974	ug/L		99
62) 1,3-Dichlorobenzene	11.42	146	216359	53.105	ug/L		99
63) 1,4-Dichlorobenzene	11.51	146	233016	51.940	ug/L		98
65) 1,2-Dichlorobenzene	11.88	146	242529	53.762	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.66	75	32975	48.182	ug/L		87
67) 1,3,5-Trichlorobenzene	12.89	180	165840	52.602	ug/L		100
68) 1,2,4-trichlorobenzene	13.50	180	144230	53.087	ug/L		99
69) Naphthalene	13.75	128	447987	55.971	ug/L		100
70) 1,2,3-Trichlorobenzene	13.99	180	160585	53.674	ug/L		99

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

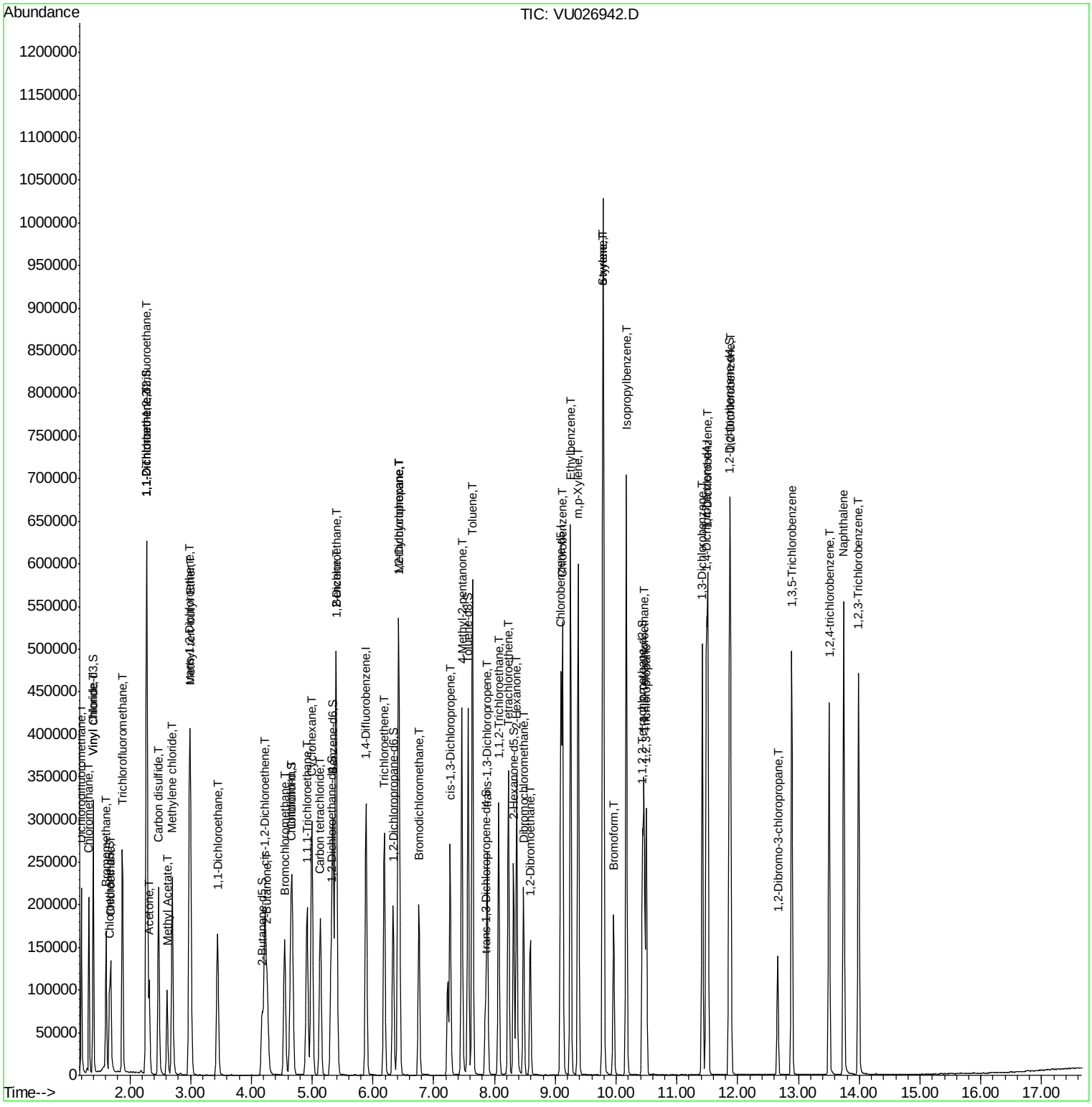
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

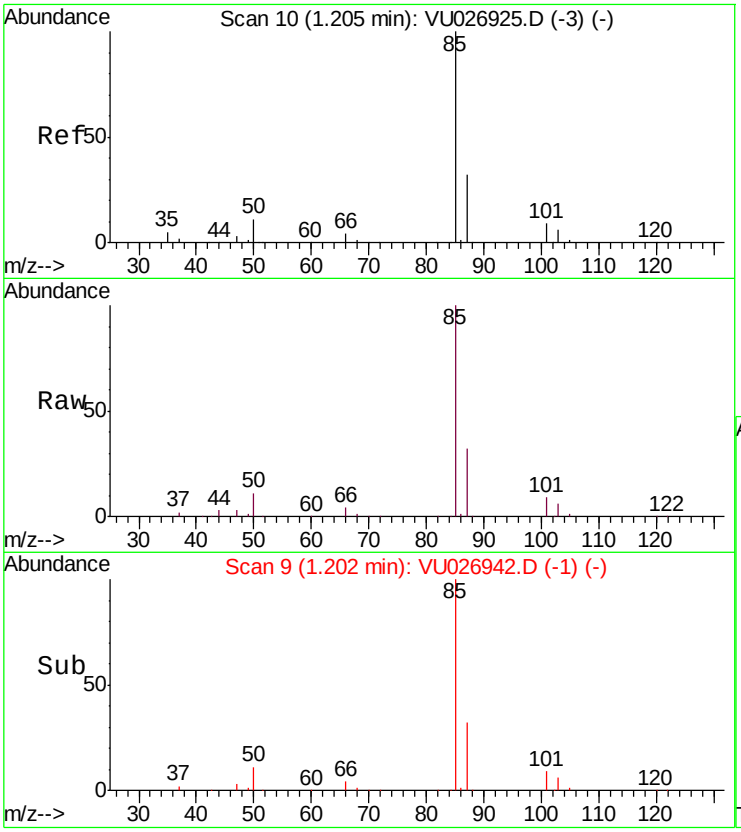
Quantitation Report (Not Reviewed)

Data File : VU026942.D
Acq On : 20 Sep 2018 18:20
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Quant Time: Sep 21 04:27:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration



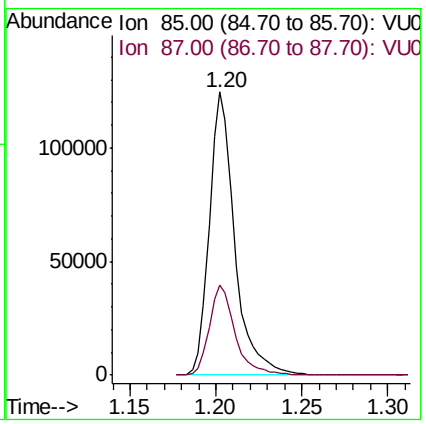


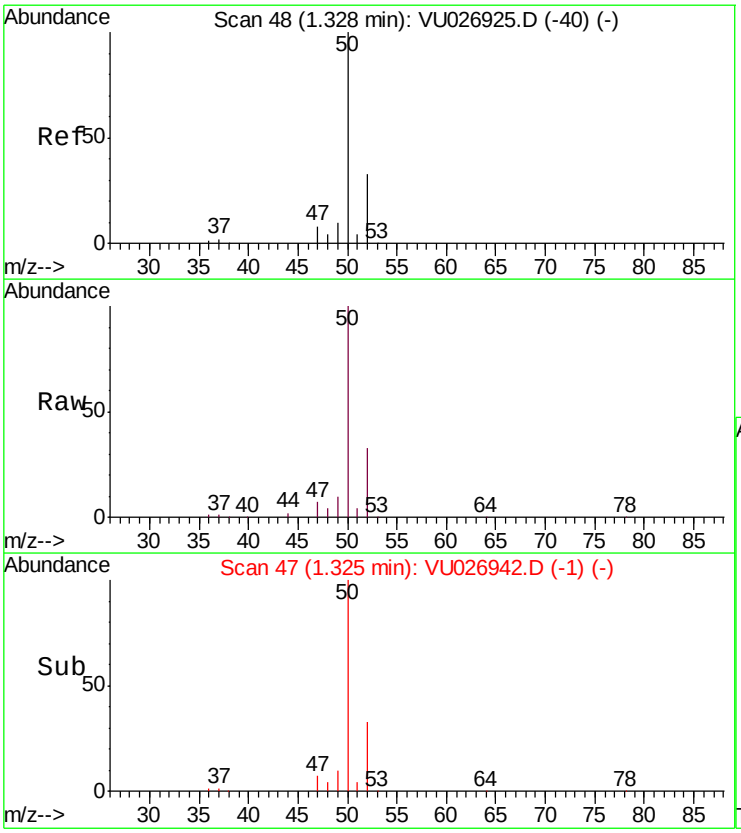
#2
Dichlorodifluoromethane
Concen: 49.309 ug/L
RT: 1.20 min Scan# 9
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion: 85 Resp: 129045

Ion	Ratio	Lower	Upper
85	100		
87	32.1	25.8	38.8

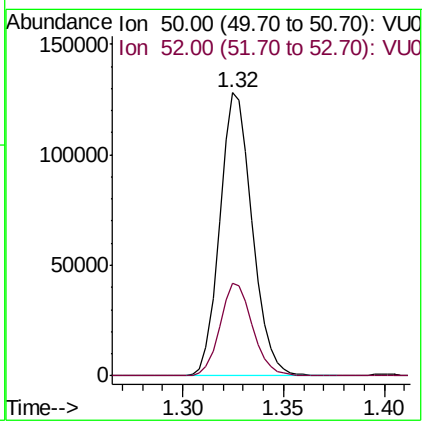


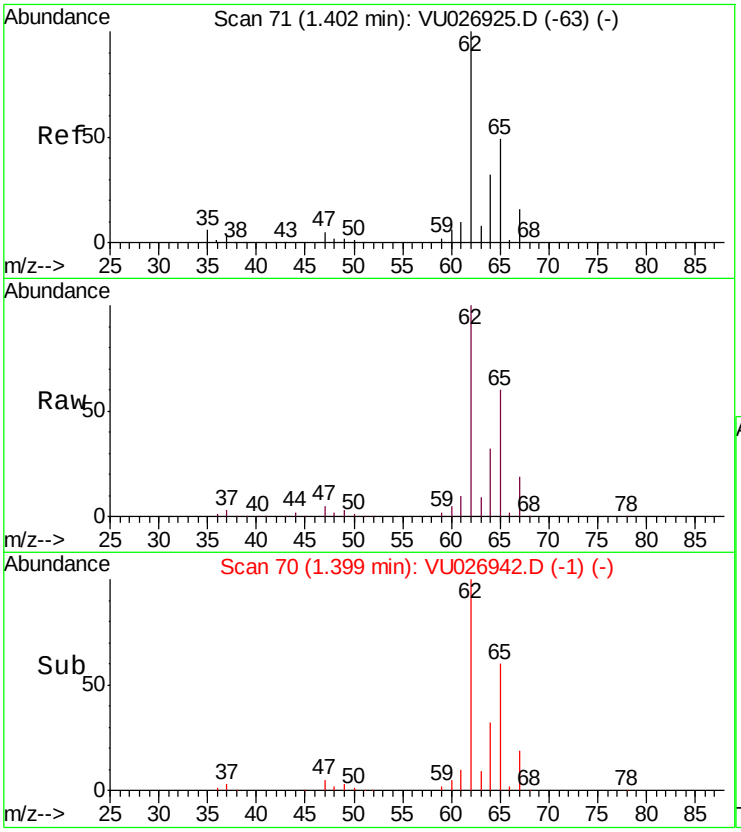


#3
Chloromethane
Concen: 53.812 ug/L
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 50 Resp: 143653

Ion	Ratio	Lower	Upper
50	100		
52	32.7	22.8	42.4



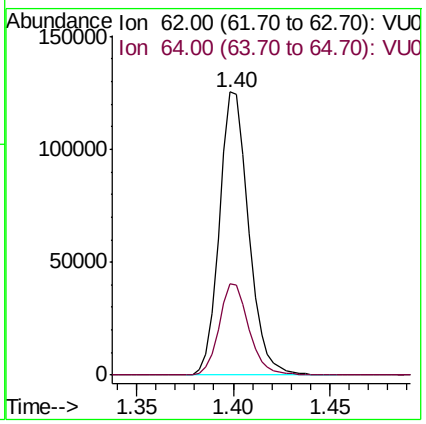


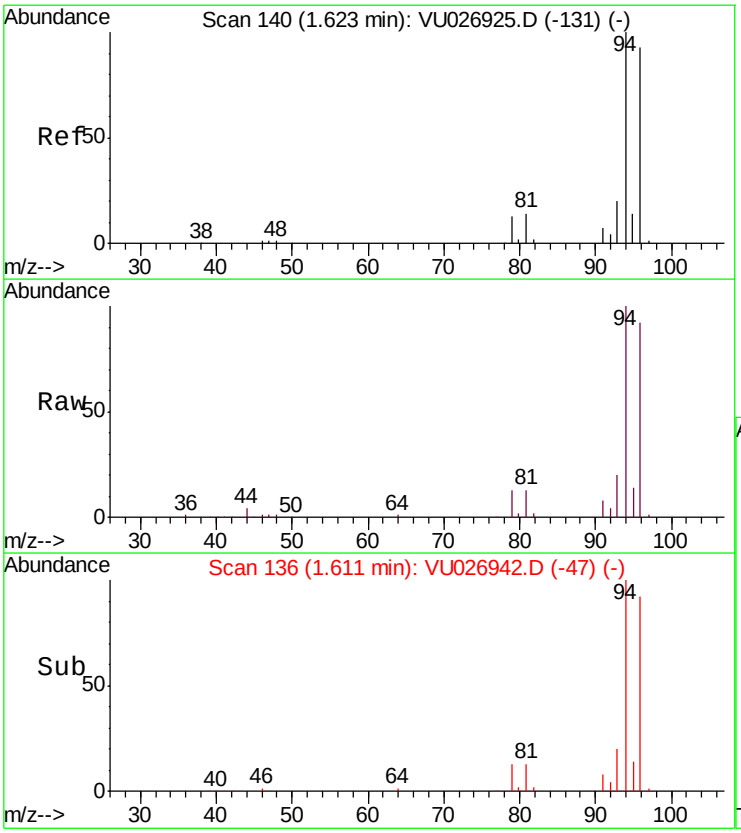
#5
Vinyl chloride
Concen: 50.904 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 62 Resp: 132246

Ion	Ratio	Lower	Upper
62	100		
64	32.3	22.7	42.3

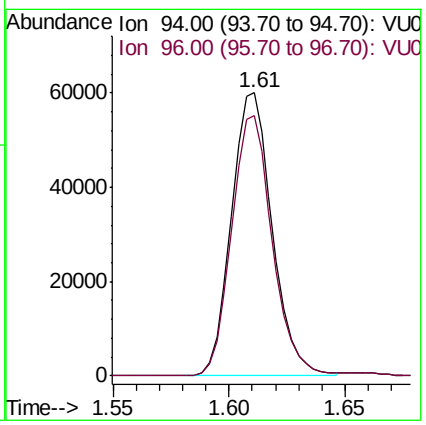


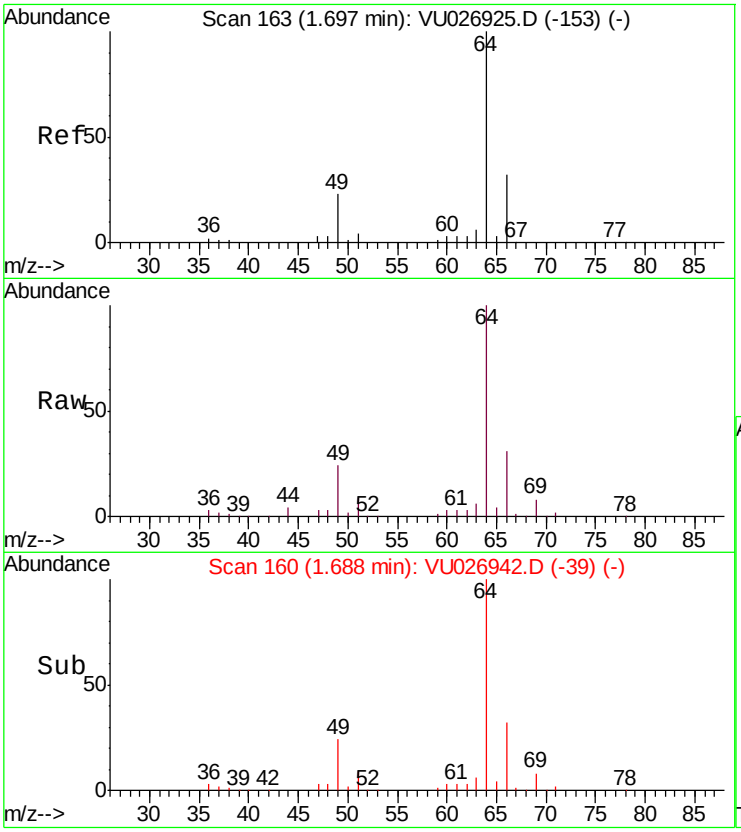


#6
Bromomethane
Concen: 57.068 ug/L
RT: 1.61 min Scan# 136
Delta R.T. -0.01 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 94 Resp: 73227

Ion	Ratio	Lower	Upper
94	100		
96	92.2	66.0	122.6



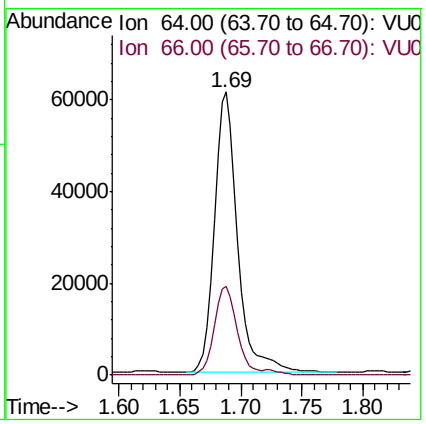


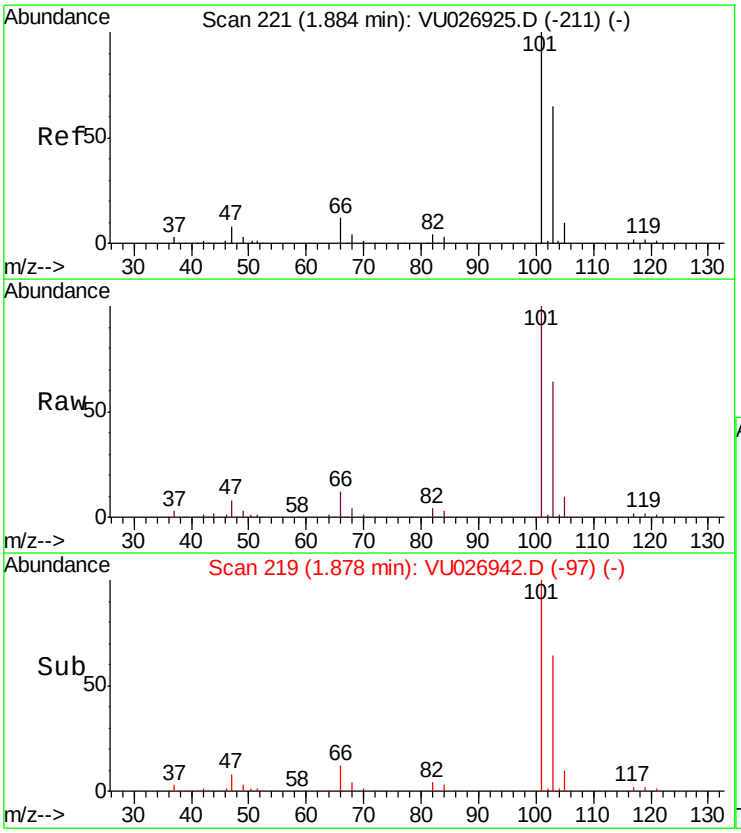
#8
Chloroethane
Concen: 49.656 ug/L
RT: 1.69 min Scan# 160
Delta R.T. -0.01 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion: 64 Resp: 80841

Ion	Ratio	Lower	Upper
64	100		
66	31.3	23.0	42.8

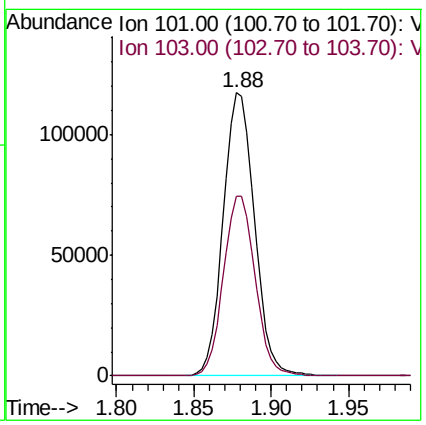


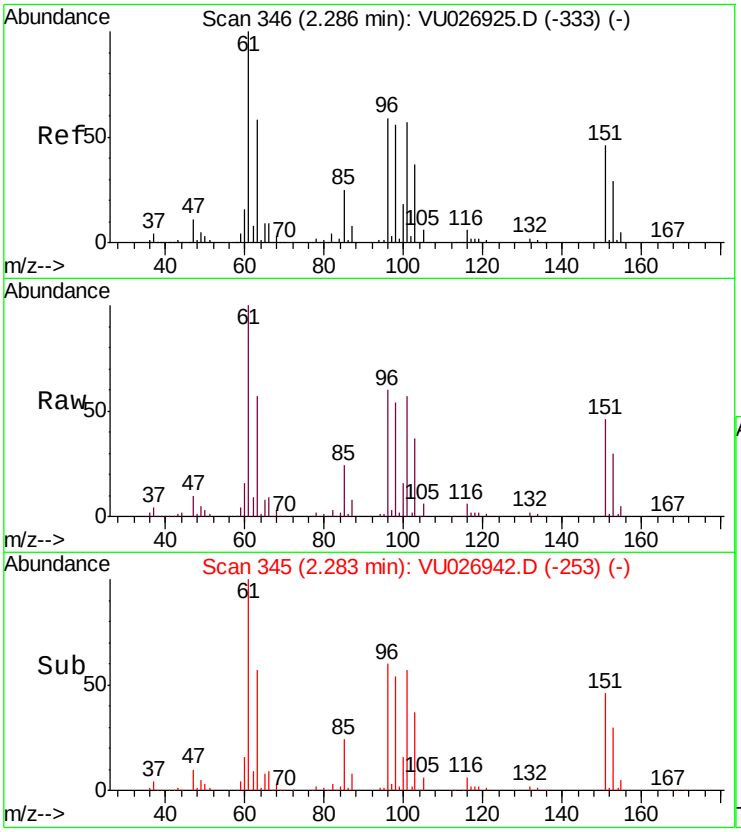


#9
Trichlorofluoromethane
Concen: 50.835 ug/L
RT: 1.88 min Scan# 219
Delta R.T. -0.01 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:101 Resp: 164089

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.9	77.9



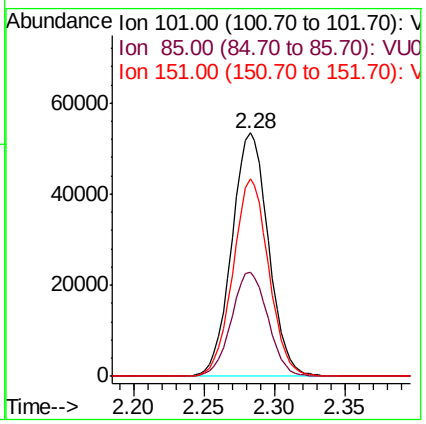


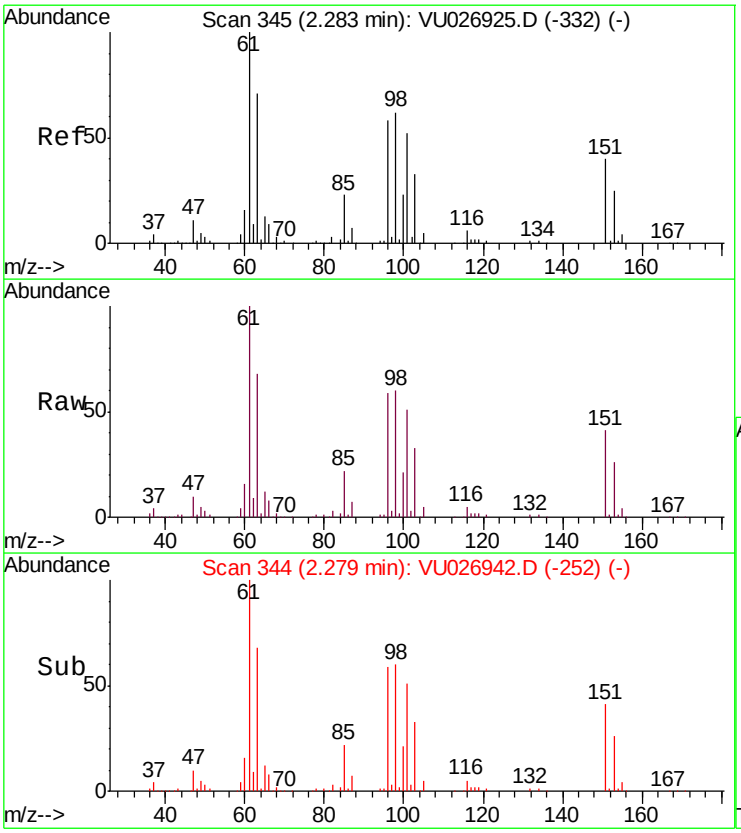
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.970 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion:101 Resp: 97458

Ion	Ratio	Lower	Upper
101	100		
85	42.5	34.6	52.0
151	78.9	63.0	94.4

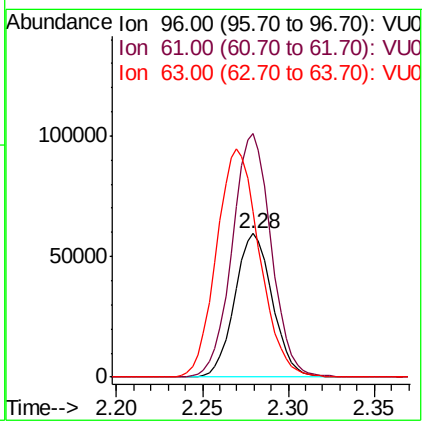


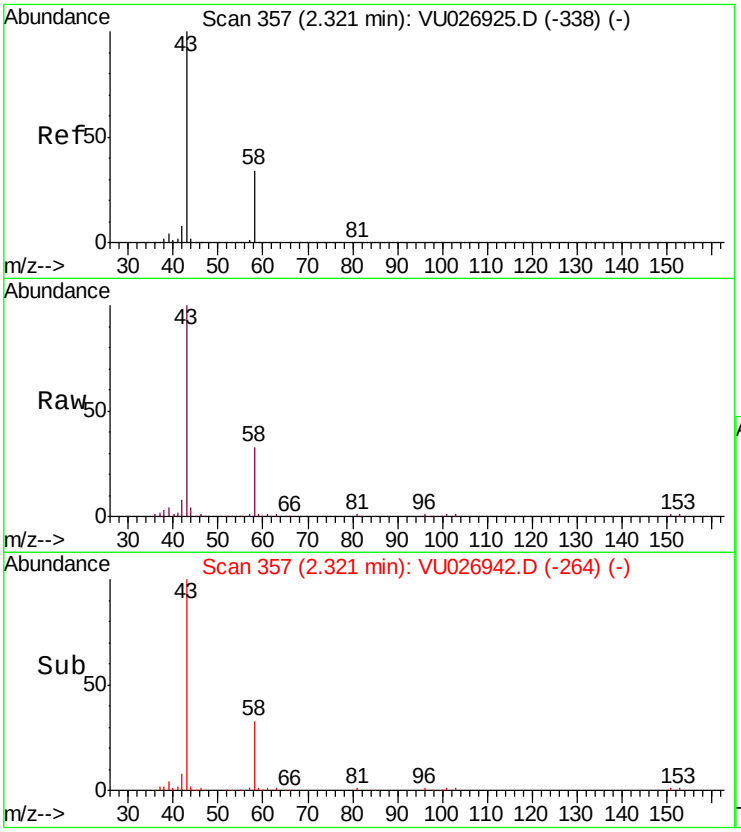


#12
1,1-Dichloroethene
Concen: 50.517 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 96 Resp: 90716

Ion	Ratio	Lower	Upper
96	100		
61	169.7	124.0	230.4
63	115.6	97.7	181.5



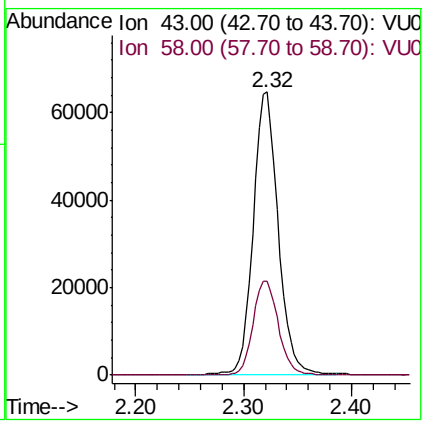


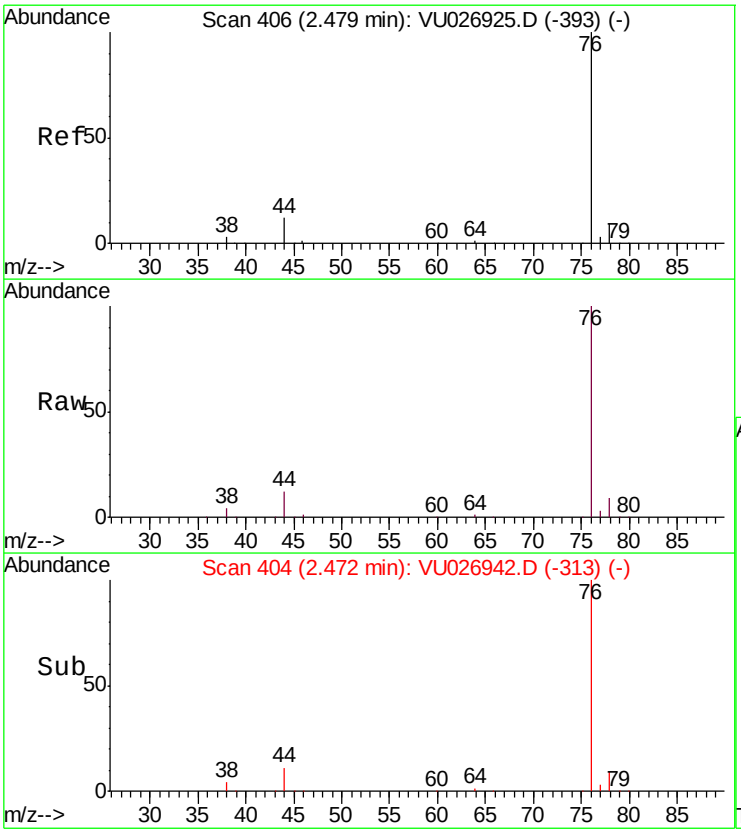
#13
Acetone
Concen: 77.731 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion: 43 Resp: 103858

Ion	Ratio	Lower	Upper
43	100		
58	34.1	0.0	64.6

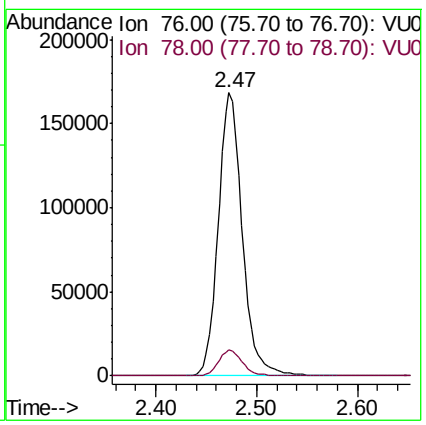


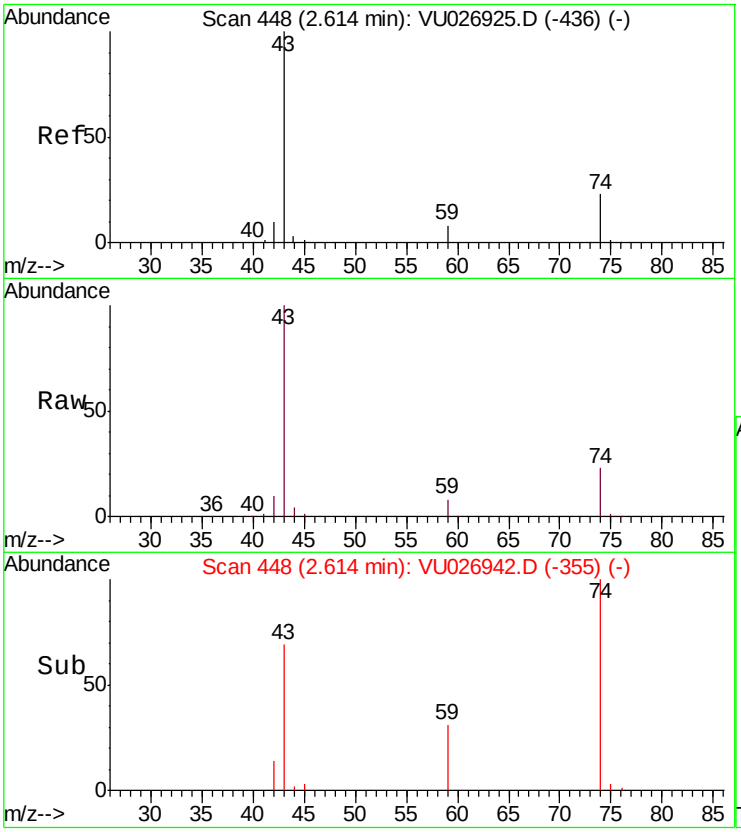


#14
Carbon disulfide
Concen: 45.264 ug/L
RT: 2.47 min Scan# 404
Delta R.T. -0.01 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 76 Resp: 280499

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7



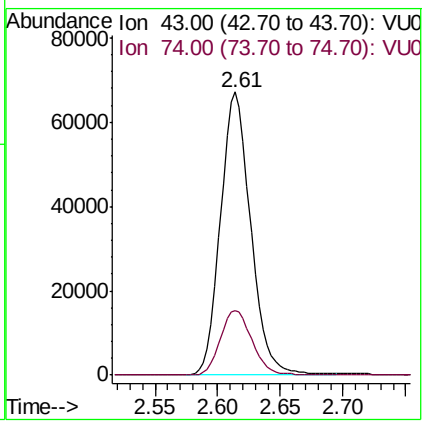


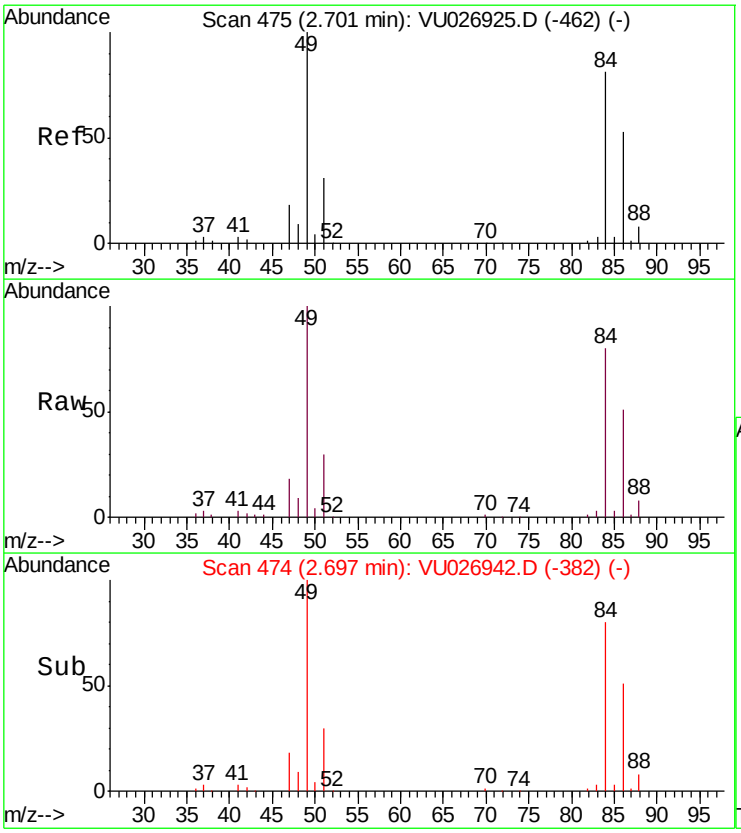
#15
Methyl Acetate
Concen: 48.915 ug/L
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion: 43 Resp: 113237

Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.7	28.1

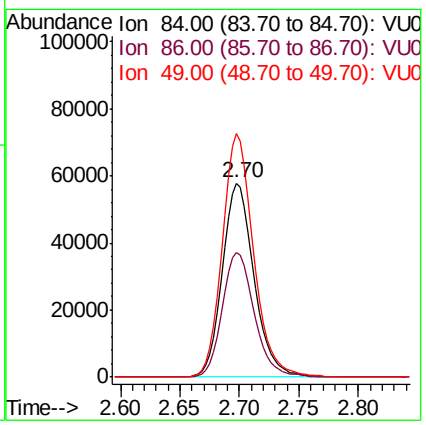


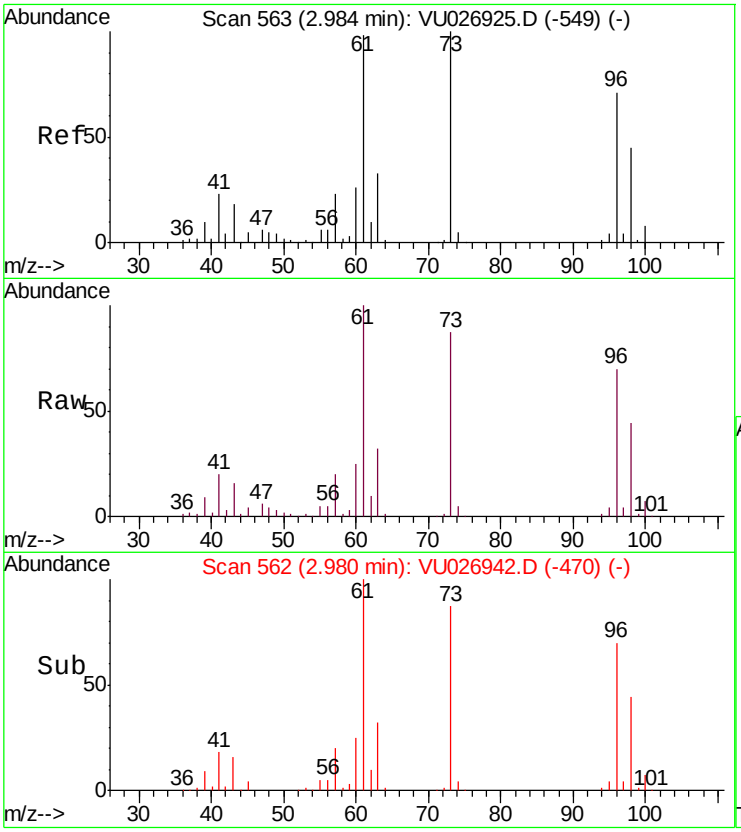


#16
Methylene chloride
Concen: 46.755 ug/L
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 84 Resp: 106732

Ion	Ratio	Lower	Upper
84	100		
86	64.4	45.3	84.1
49	125.4	86.2	160.2



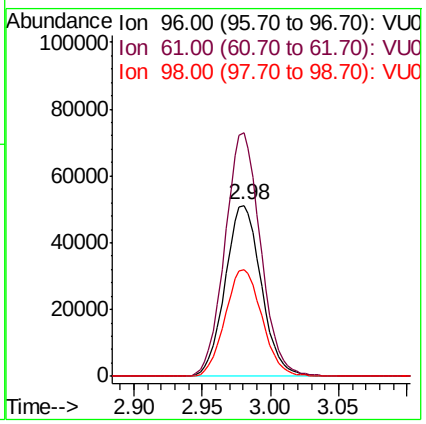


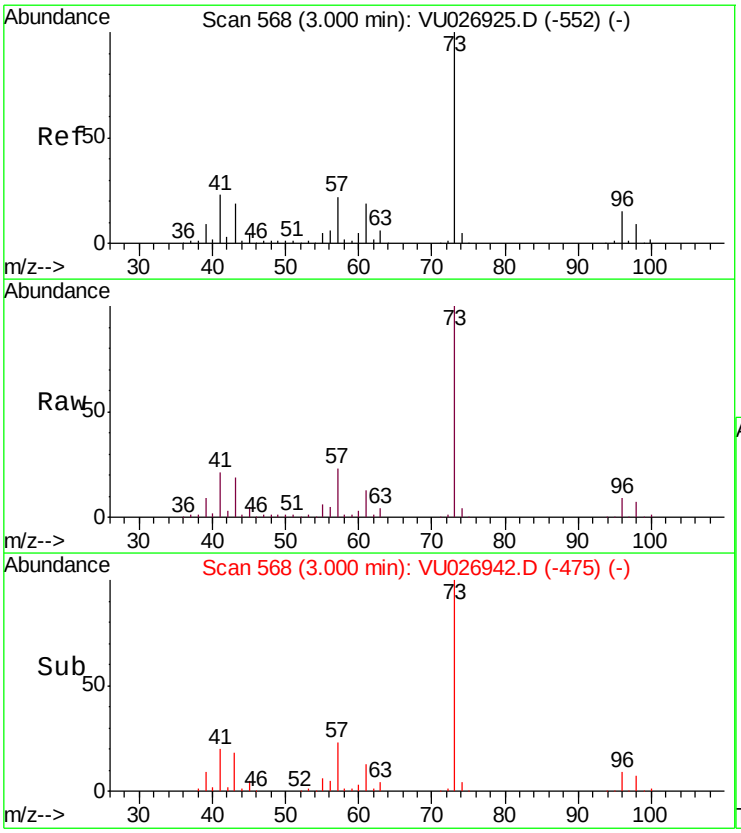
#17
trans-1,2-Dichloroethene
Concen: 47.601 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion: 96 Resp: 94144

Ion	Ratio	Lower	Upper
96	100		
61	142.1	98.7	183.3
98	62.6	45.2	84.0

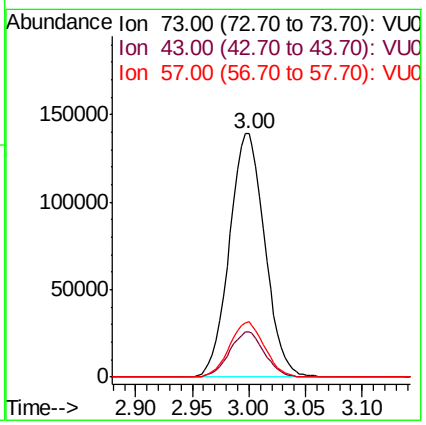


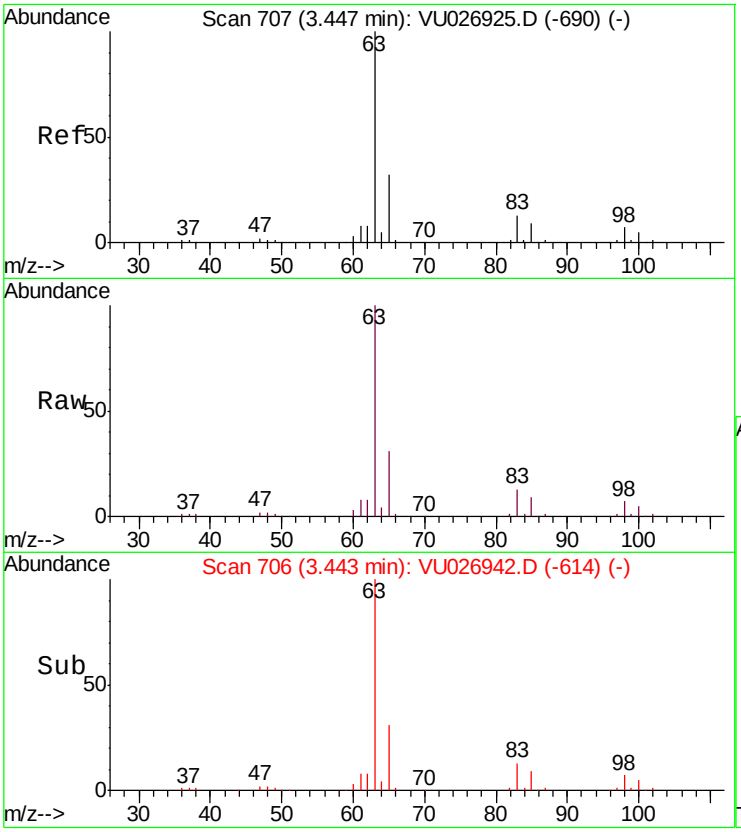


#18
Methyl tert-butyl Ether
Concen: 52.426 ug/L
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 73 Resp: 303213

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.3	22.9
57	22.5	18.1	27.1



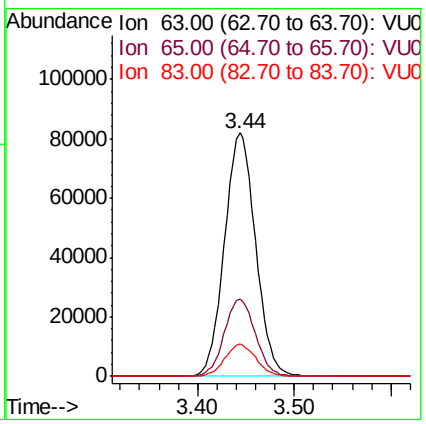


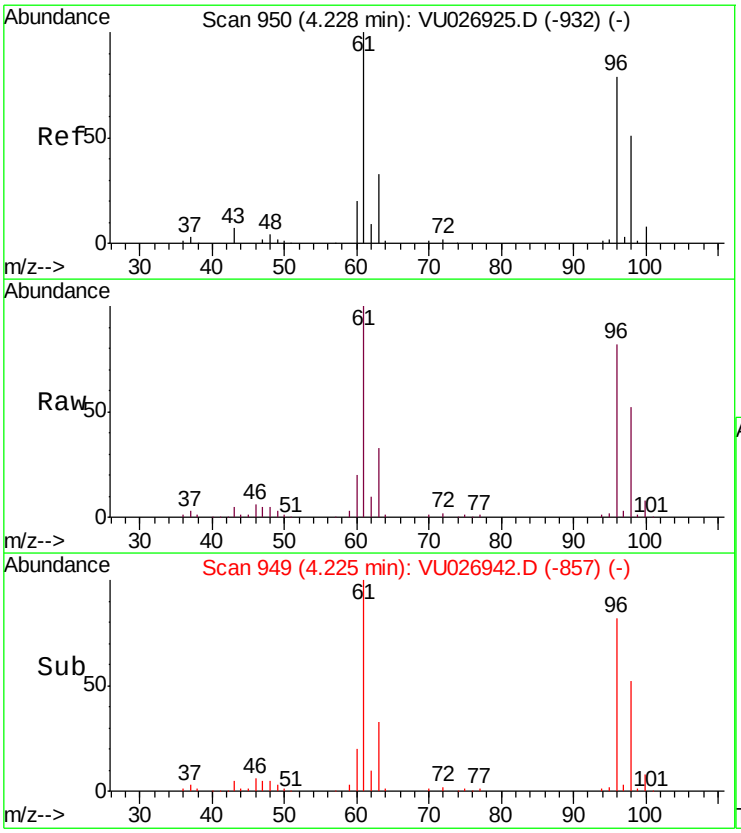
#19
1,1-Dichloroethane
Concen: 47.893 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 63 Resp: 182697

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.1	41.1
83	13.4	9.3	17.3

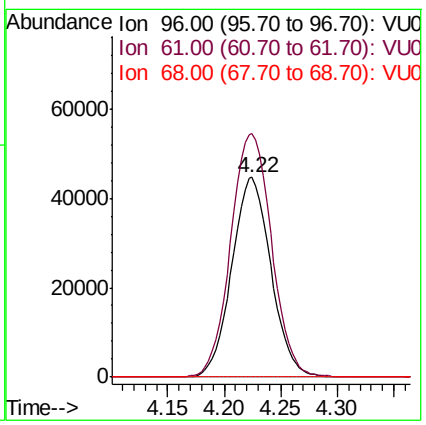


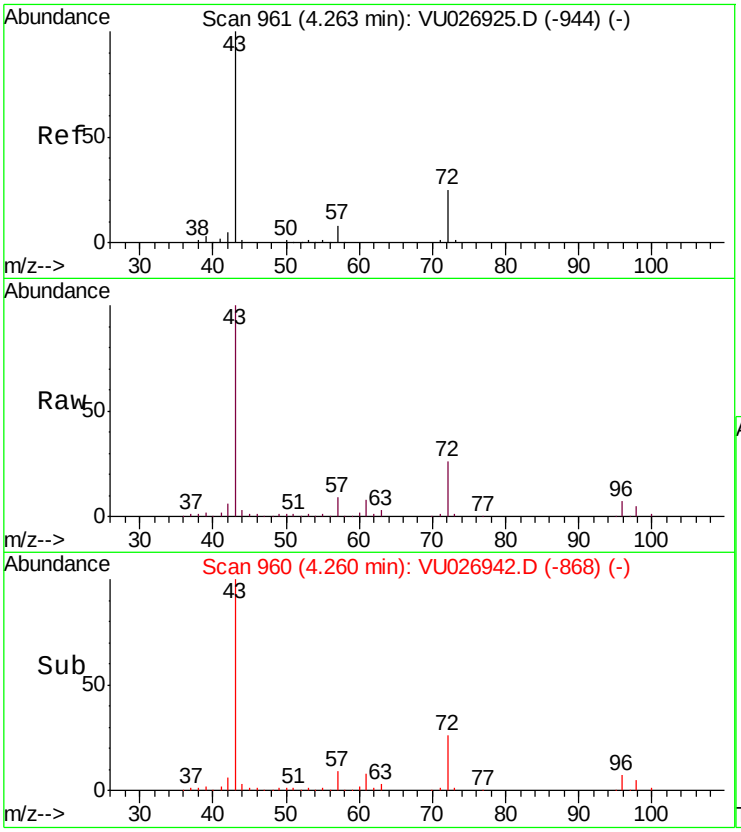


#20
cis-1,2-Dichloroethene
Concen: 49.526 ug/L
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 96 Resp: 107731

Ion	Ratio	Lower	Upper
96	100		
61	122.0	90.2	167.4
68	0.0	0.0	0.0



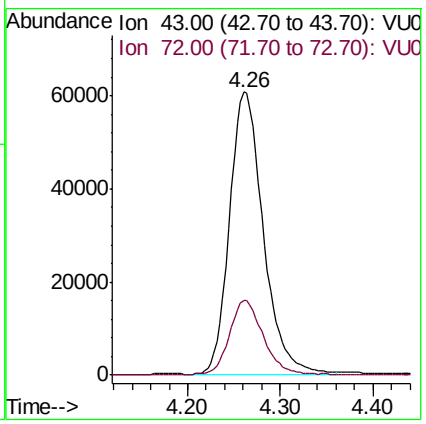


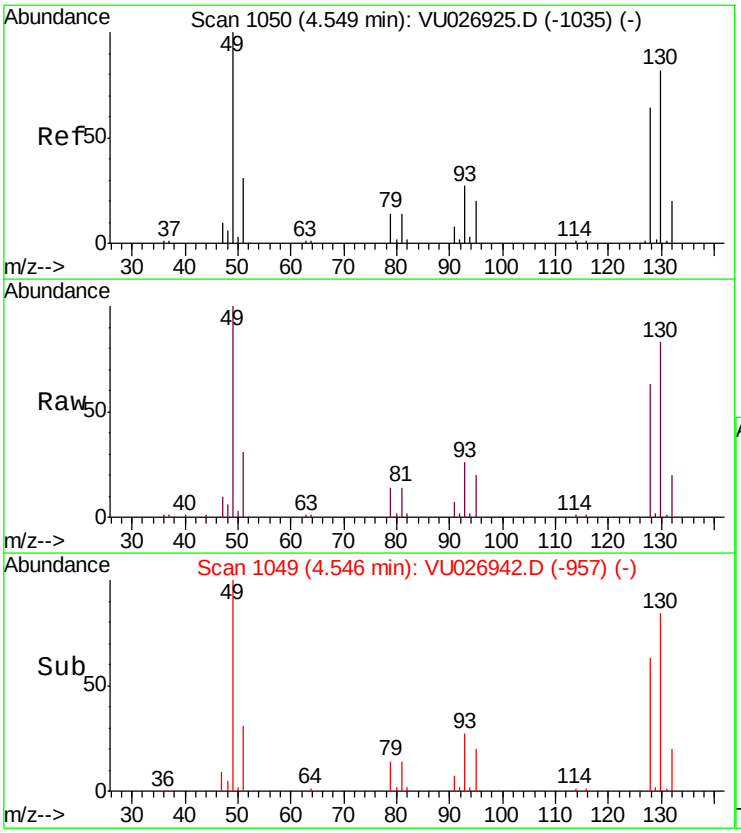
#22
2-Butanone
Concen: 92.922 ug/L
RT: 4.26 min Scan# 960
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 43 Resp: 153107

Ion	Ratio	Lower	Upper
43	100		
72	26.7	13.3	39.9

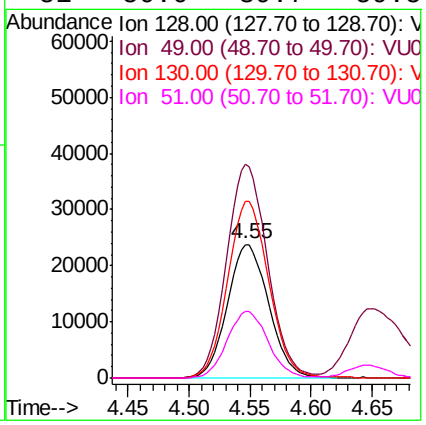


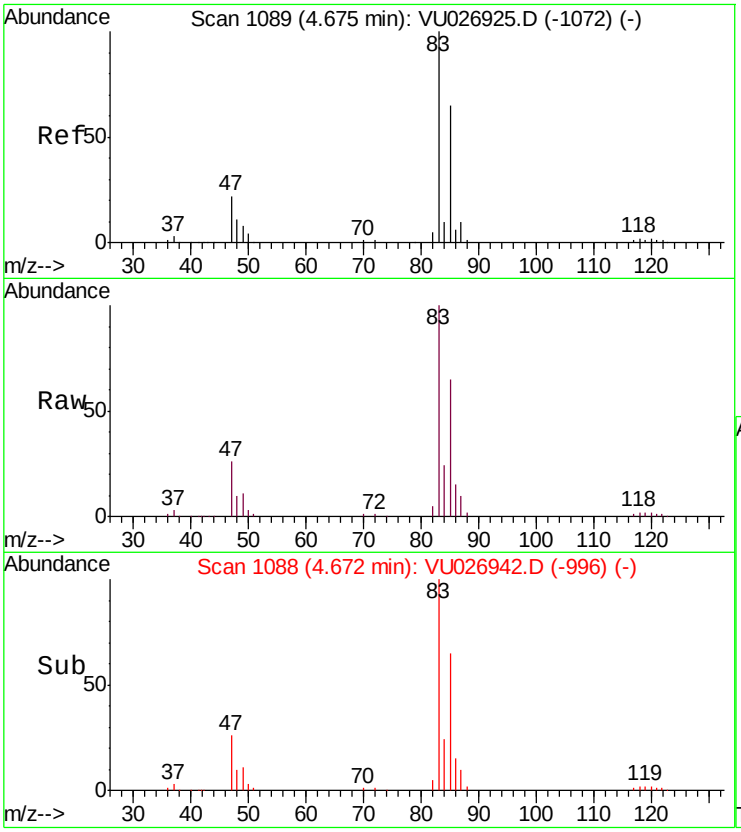


#23
Bromochloromethane
Concen: 47.702 ug/L
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:128 Resp: 56025

Ion	Ratio	Lower	Upper
128	100		
49	159.9	113.0	209.8
130	132.2	89.7	166.5
51	50.0	39.7	59.5



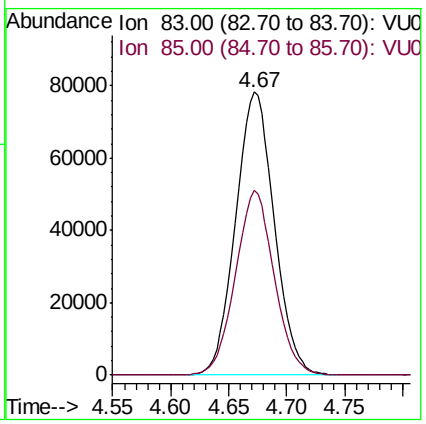


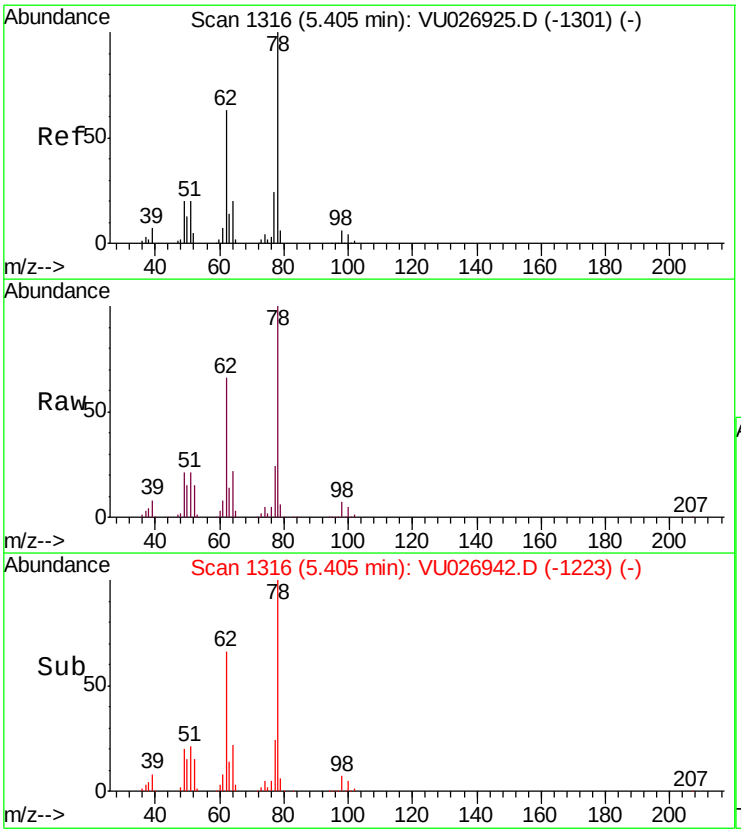
#25
Chloroform
Concen: 46.979 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion: 83 Resp: 181513

Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.4	82.5

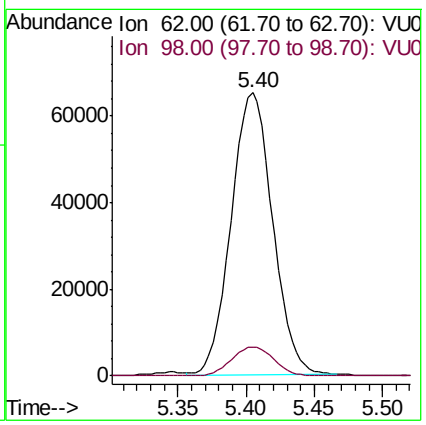


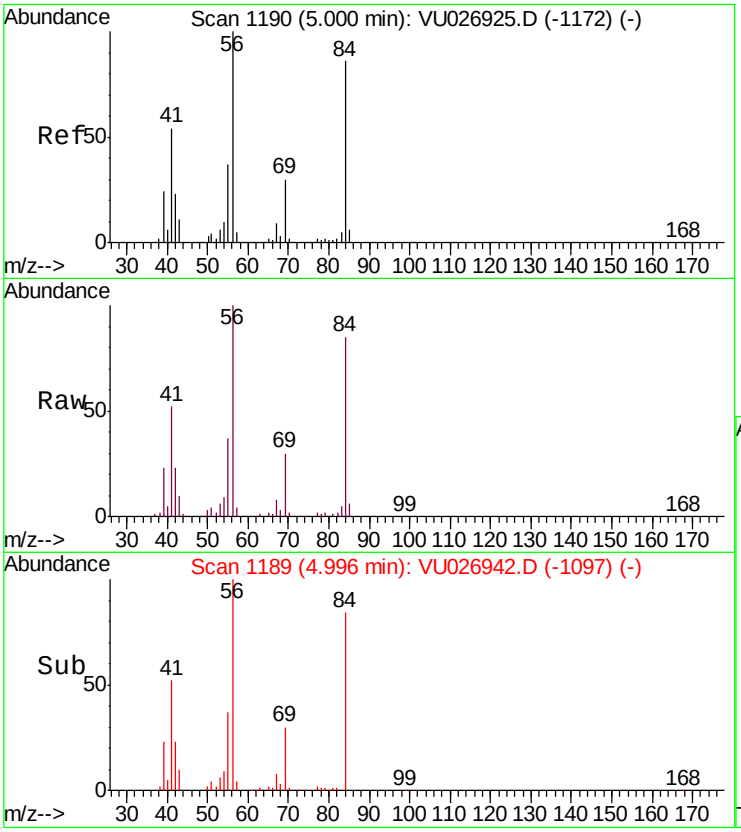


#27
1,2-Dichloroethane
Concen: 45.649 ug/L
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 62 Resp: 137634

Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.2	12.4



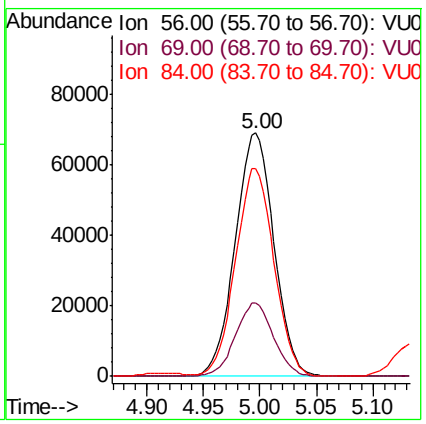


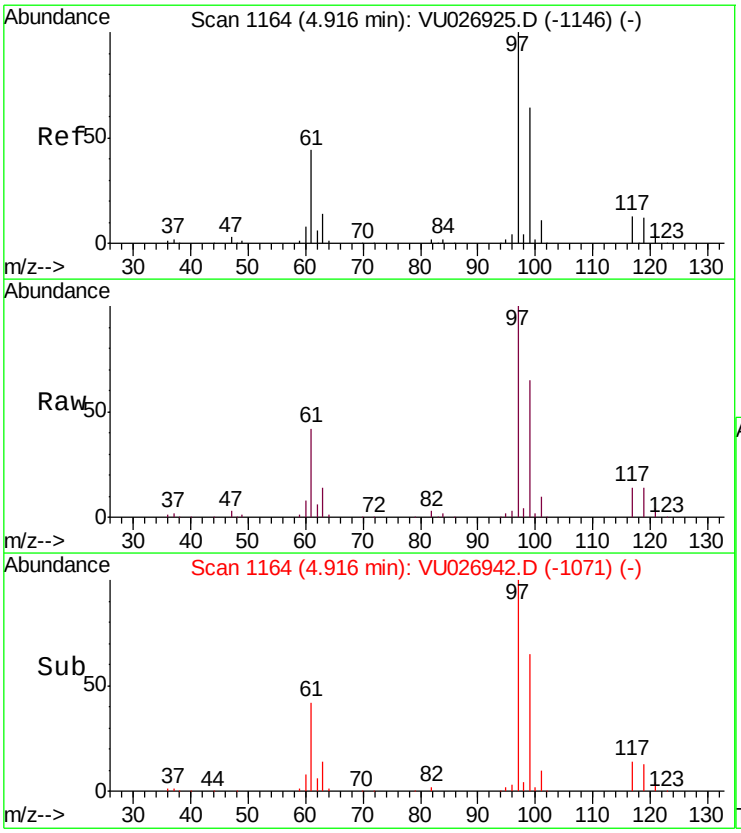
#29
Cyclohexane
Concen: 55.213 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 56 Resp: 164970

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.7	35.5
84	85.0	69.0	103.4

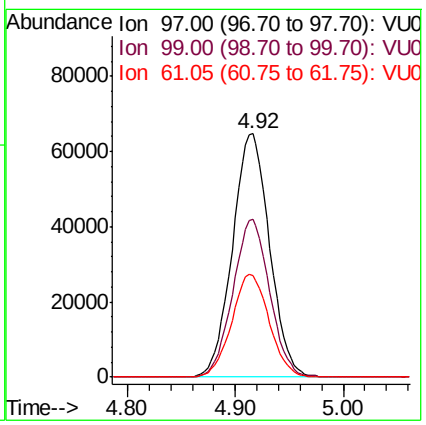


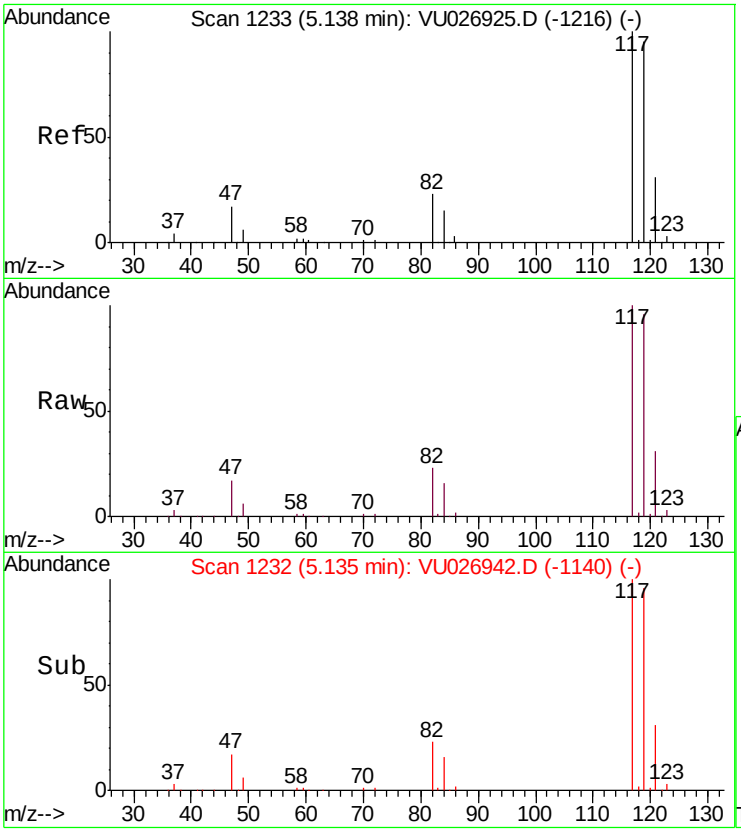


#30
1,1,1-Trichloroethane
Concen: 50.579 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 97 Resp: 154846

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	42.7	36.6	54.8



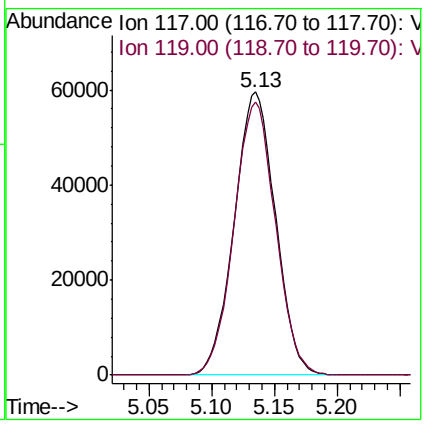


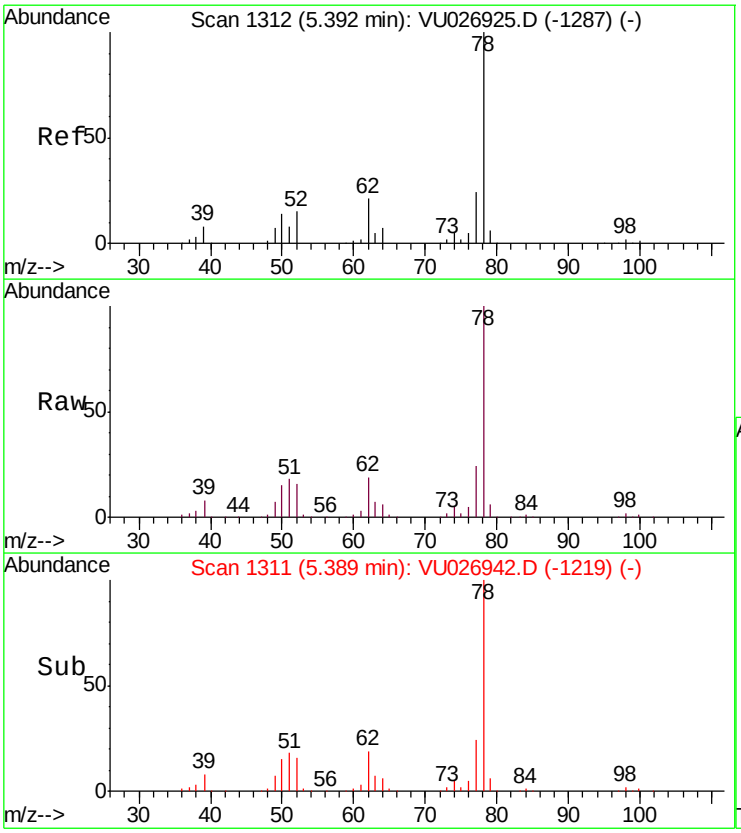
#31
Carbon tetrachloride
Concen: 49.654 ug/L
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion:117 Resp: 136224

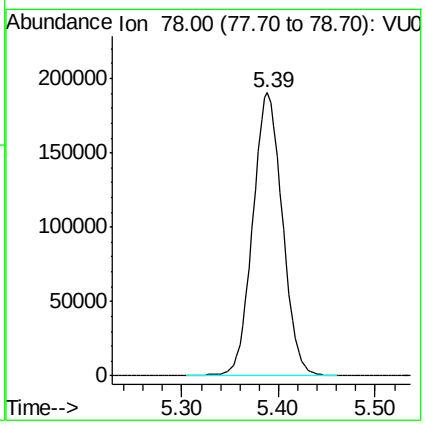
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.3	114.5

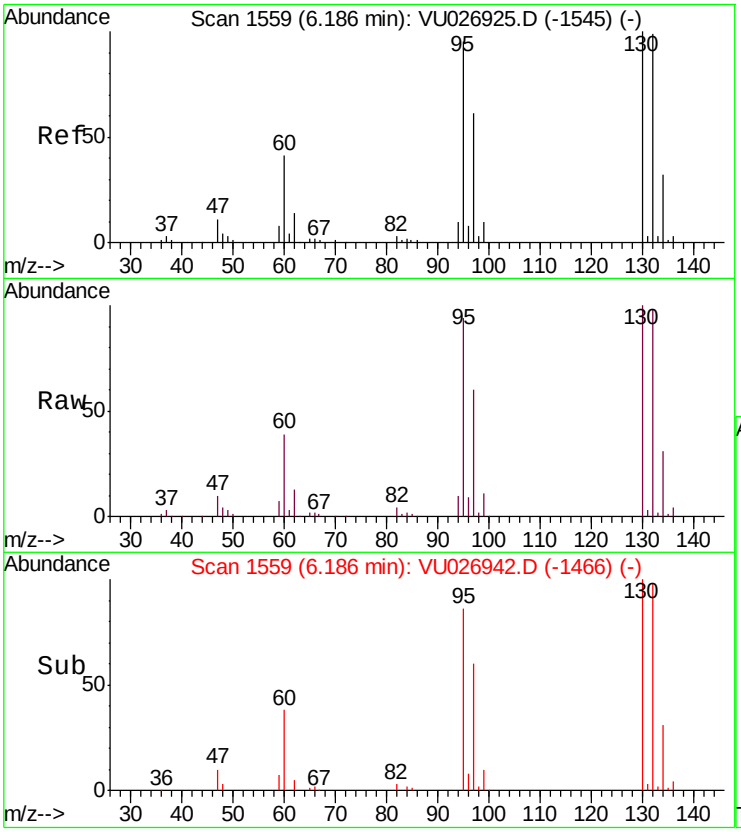




#33
Benzene
Concen: 50.773 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 78 Resp: 405085



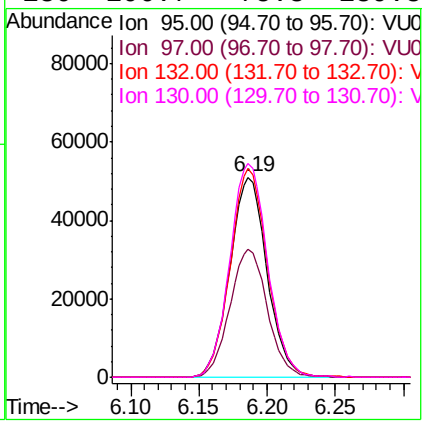


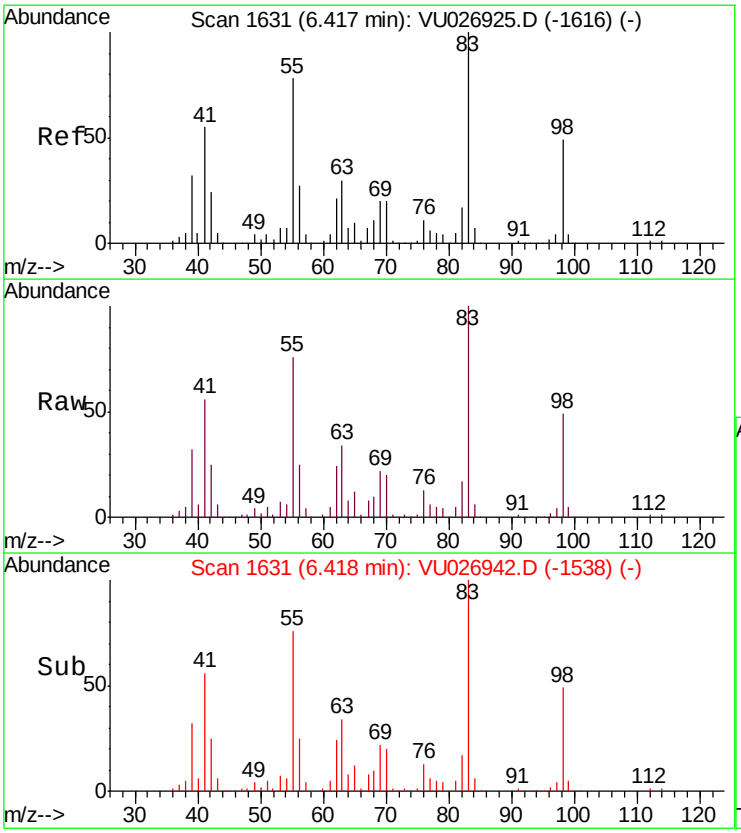
#34
Trichloroethene
Concen: 50.497 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion: 95 Resp: 96677

Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.3	85.9
132	104.3	71.7	133.1
130	106.7	75.3	139.8

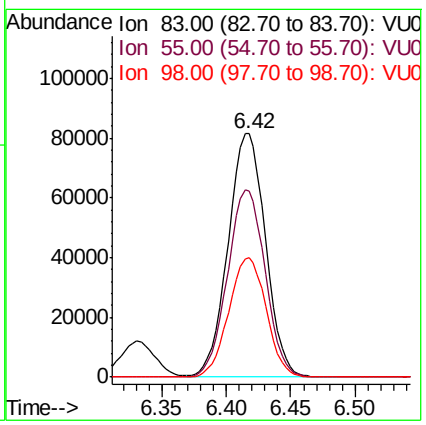


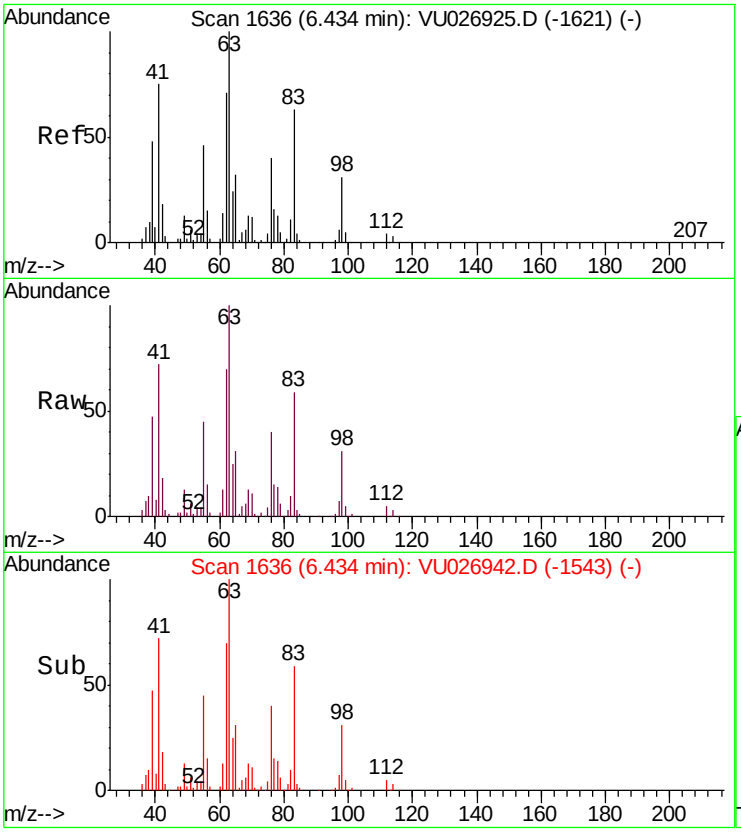


#35
Methylcyclohexane
Concen: 52.756 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 83 Resp: 164643

Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.7	92.5
98	48.9	38.3	57.5



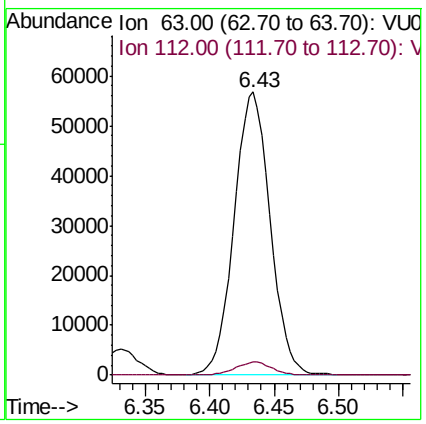


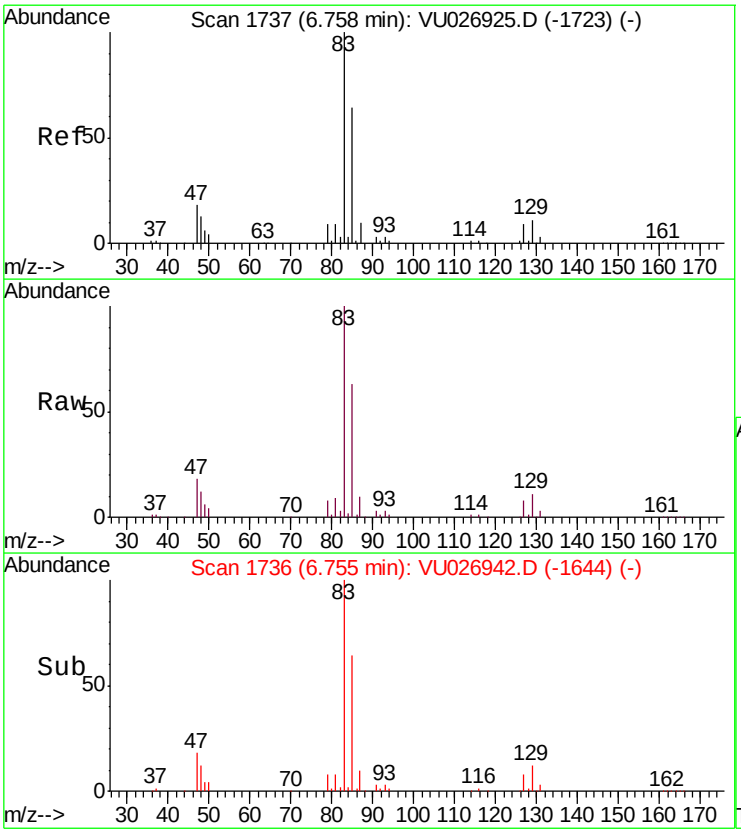
#37
1,2-Dichloropropane
Concen: 50.493 ug/L
RT: 6.43 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 63 Resp: 110665

Ion	Ratio	Lower	Upper
63	100		
112	4.7	3.7	5.5

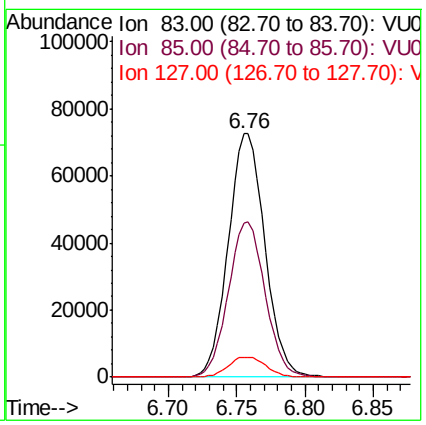


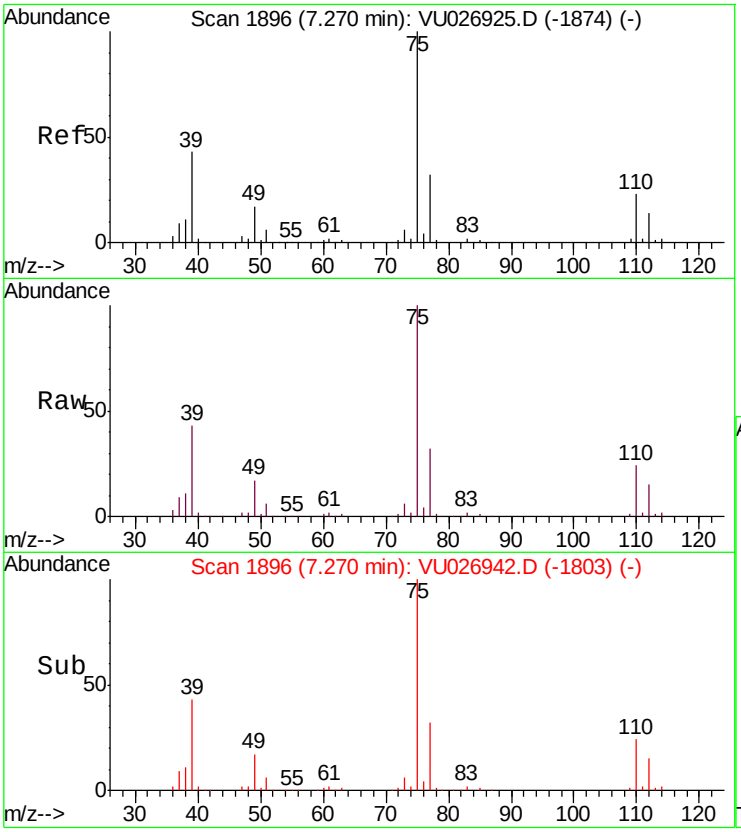


#38
Bromodichloromethane
Concen: 49.847 ug/L
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 83 Resp: 135481

Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.5	82.7
127	8.3	6.9	10.3



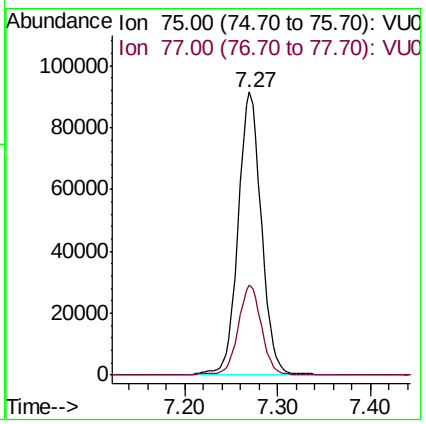


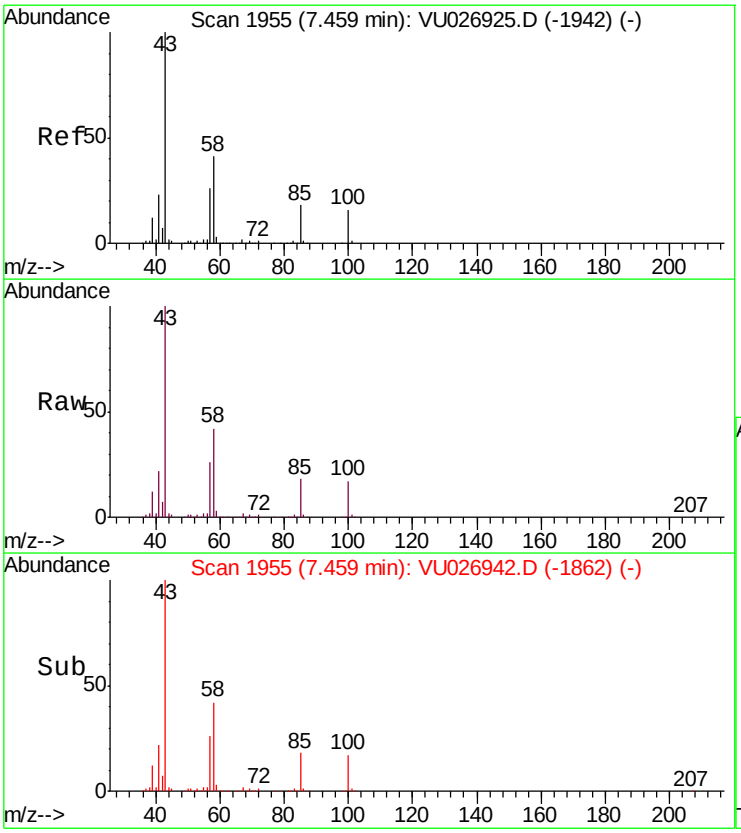
#39
cis-1,3-Dichloropropene
Concen: 51.683 ug/L
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion: 75 Resp: 160007

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.1	41.1

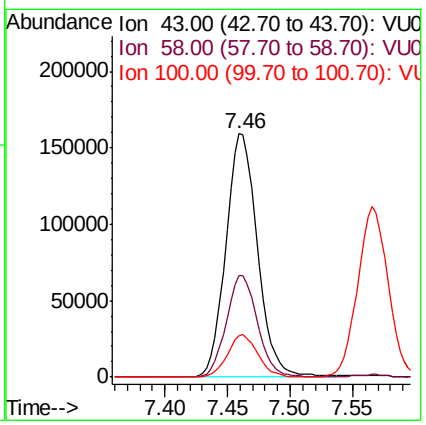


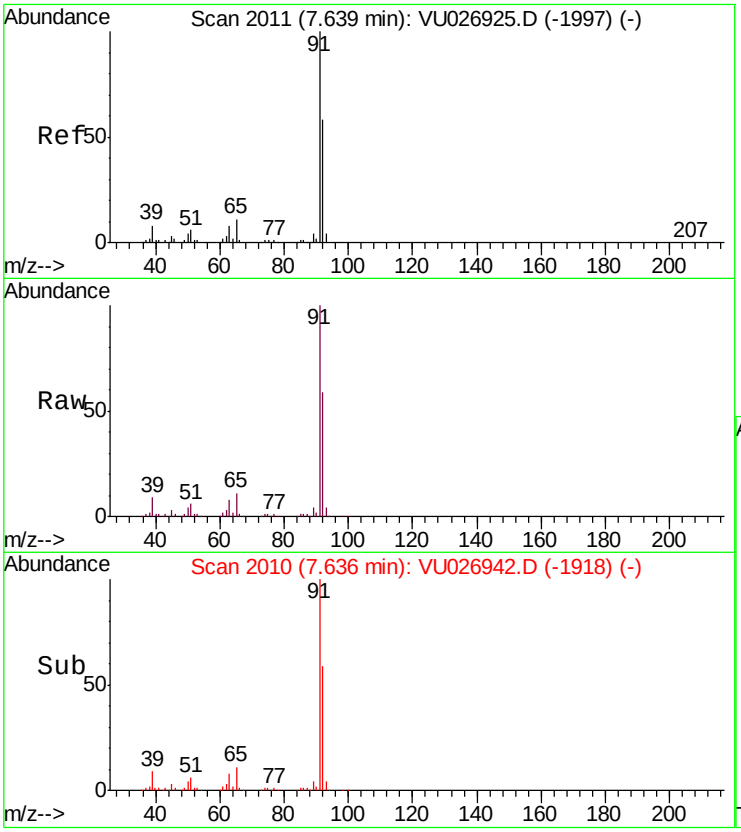


#40
4-Methyl-2-pentanone
Concen: 107.372 ug/L
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 43 Resp: 279614

Ion	Ratio	Lower	Upper
43	100		
58	41.2	32.0	48.0
100	16.9	12.6	19.0



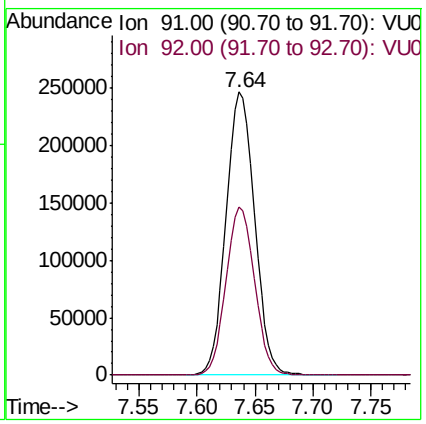


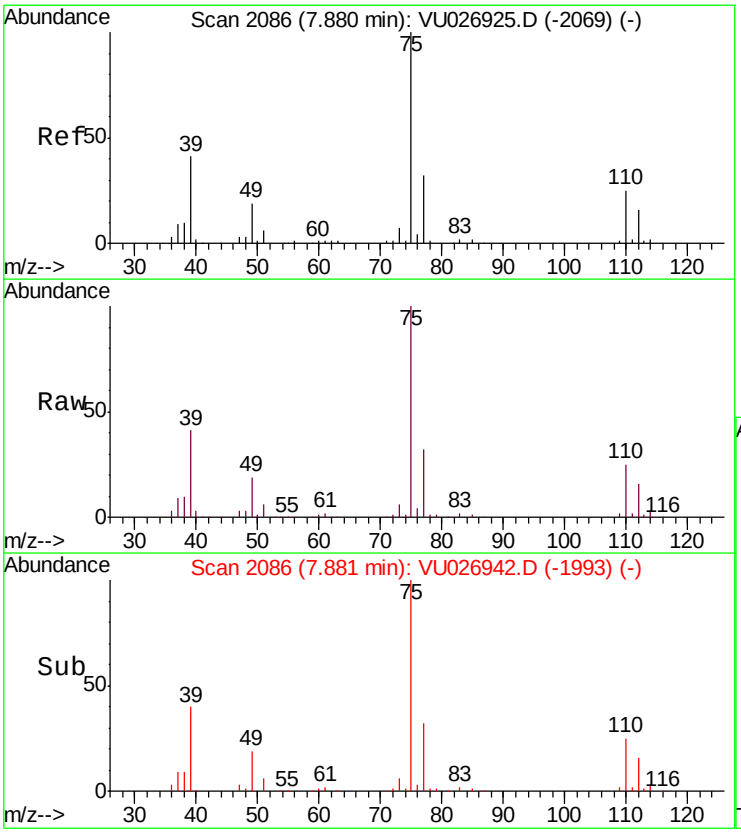
#42
Toluene
Concen: 52.100 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 91 Resp: 420648

Ion	Ratio	Lower	Upper
91	100		
92	59.3	40.9	76.0

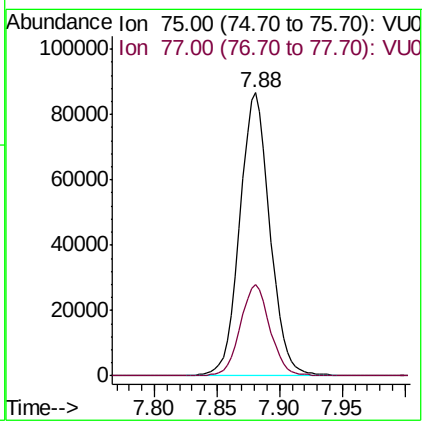


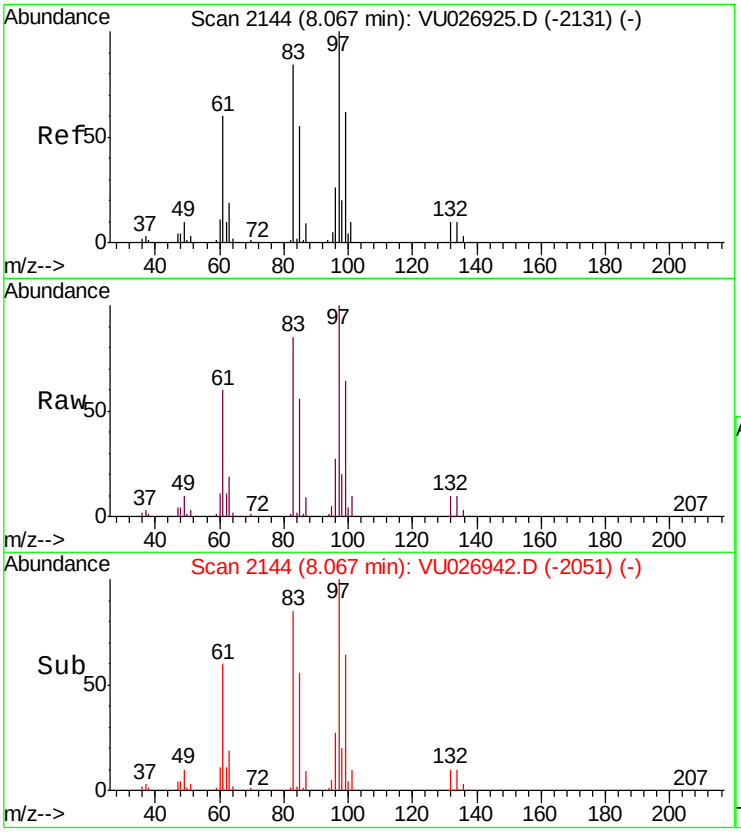


#44
trans-1,3-Dichloropropene
Concen: 50.075 ug/L
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 75 Resp: 145157

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.8	42.4



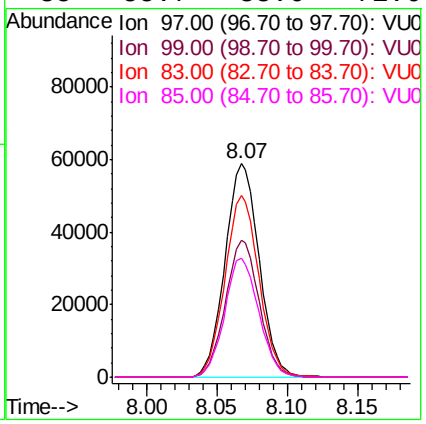


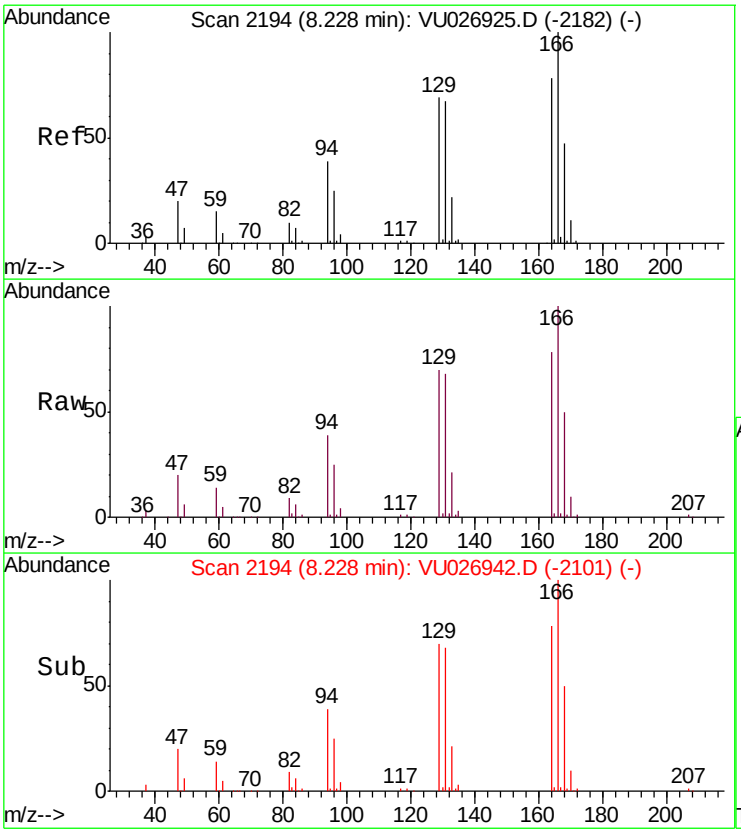
#45
1,1,2-Trichloroethane
Concen: 49.969 ug/L
RT: 8.07 min Scan# 2144
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 97 Resp: 99846

Ion	Ratio	Lower	Upper
97	100		
99	64.2	44.3	82.3
83	85.1	61.5	114.1
85	55.7	38.6	71.6

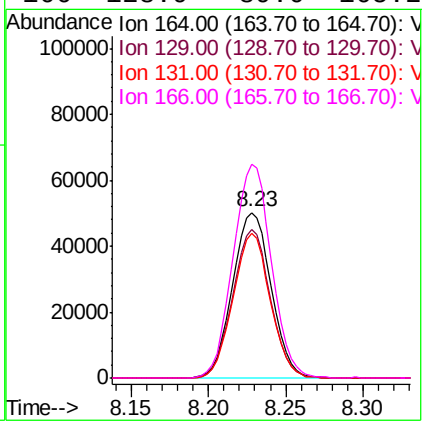


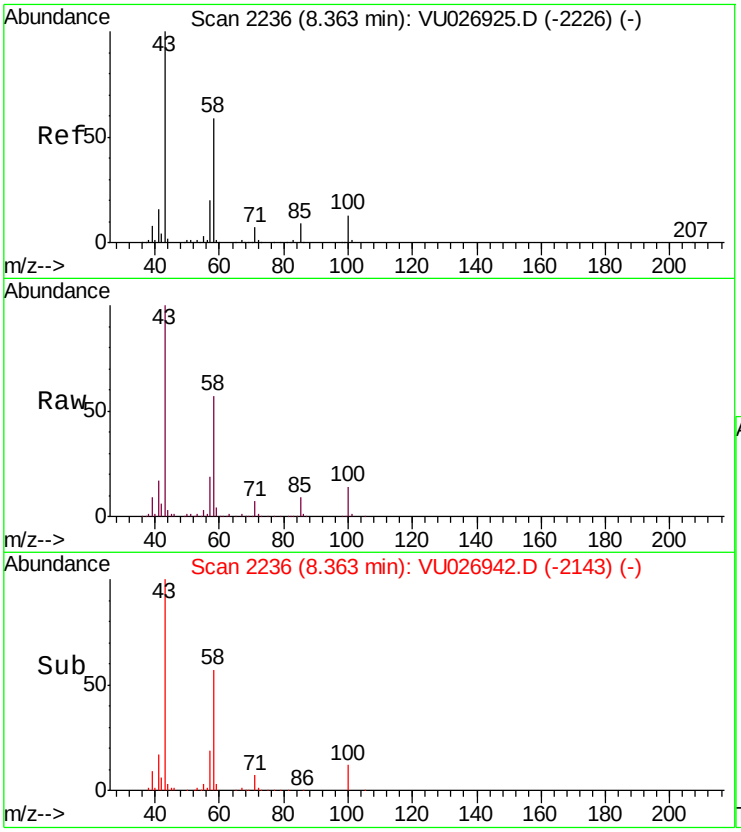


#46
Tetrachloroethene
Concen: 51.283 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:164 Resp: 87037

Ion	Ratio	Lower	Upper
164	100		
129	89.8	62.2	115.4
131	87.7	60.5	112.5
166	128.9	89.0	165.2



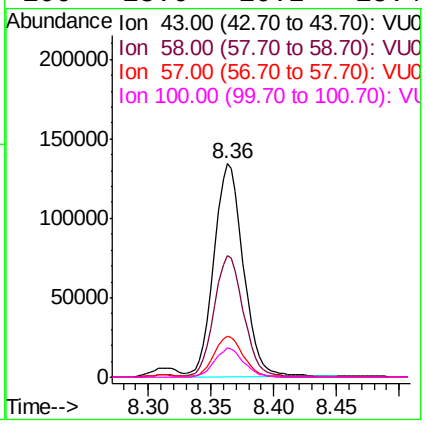


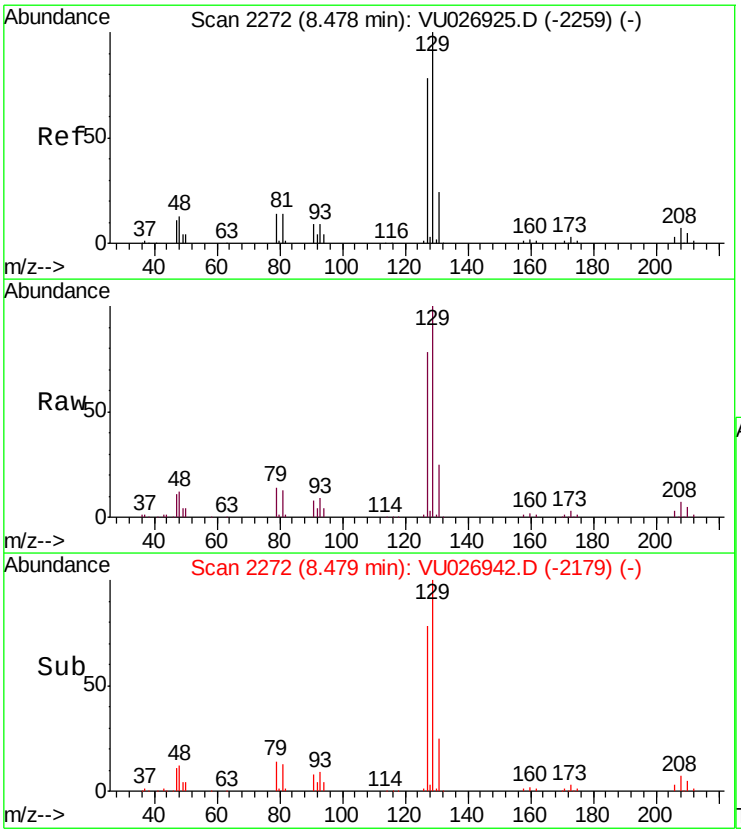
#48
2-Hexanone
Concen: 104.045 ug/L
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 43 Resp: 218559

Ion	Ratio	Lower	Upper
43	100		
58	57.1	44.9	67.3
57	19.1	15.4	23.2
100	13.6	10.2	15.4

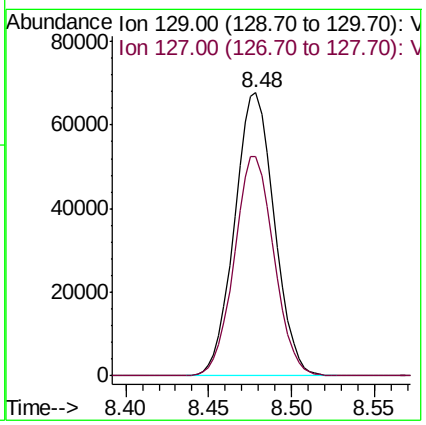


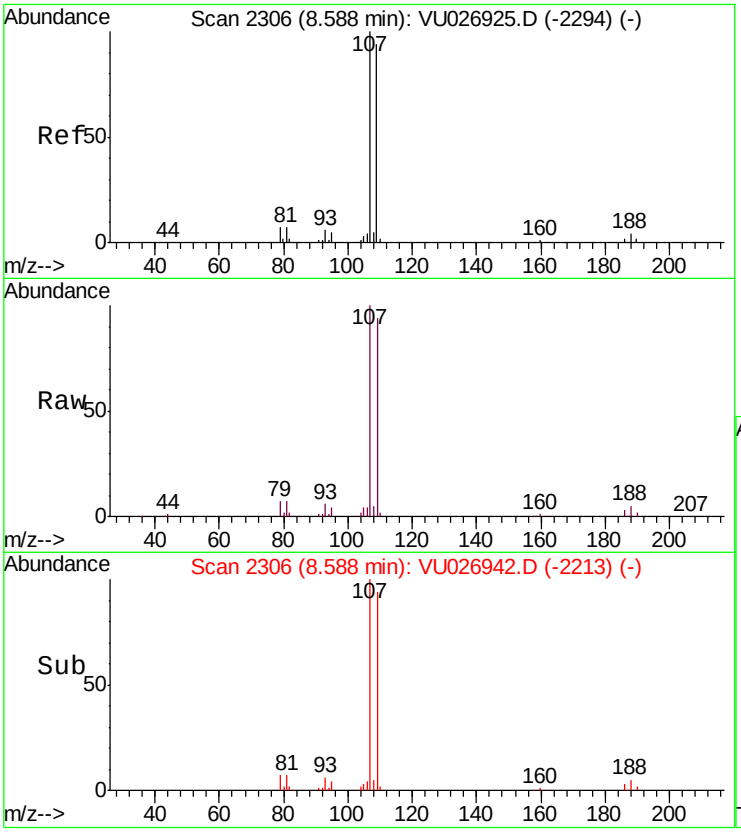


#49
Dibromochloromethane
Concen: 49.919 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:129 Resp: 112908

Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.2	102.4



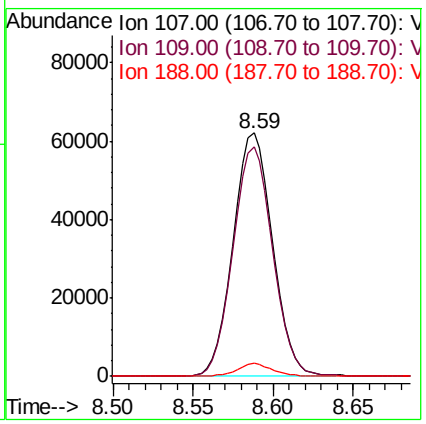


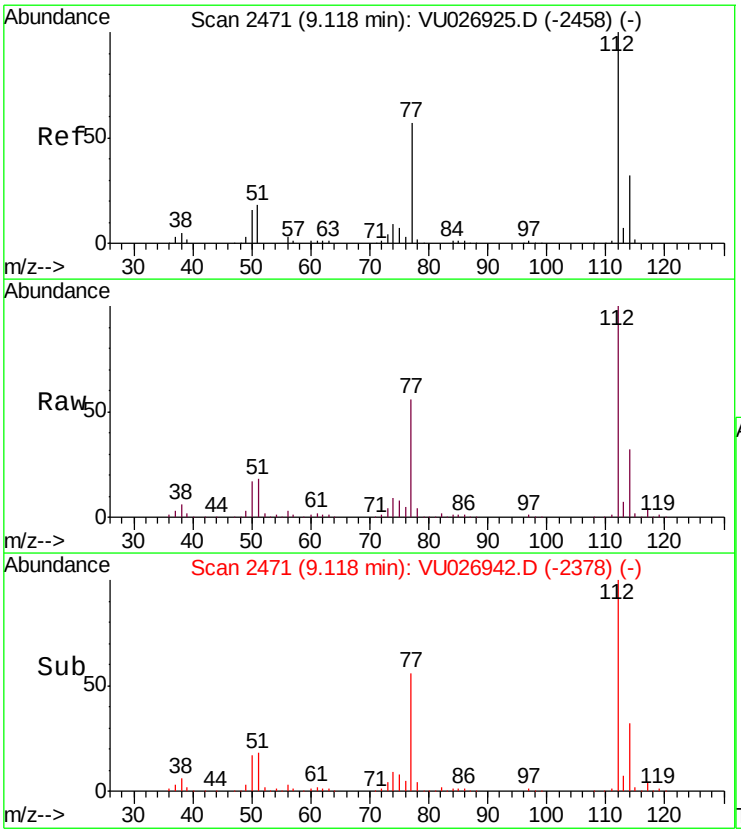
#50
1,2-Dibromoethane
Concen: 50.057 ug/L
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion:107 Resp: 104274

Ion	Ratio	Lower	Upper
107	100		
109	94.1	67.8	125.8
188	5.2	3.2	4.8#

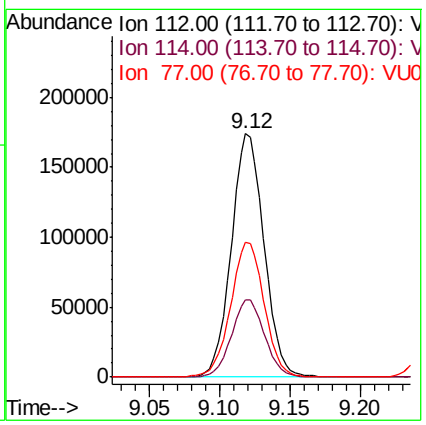


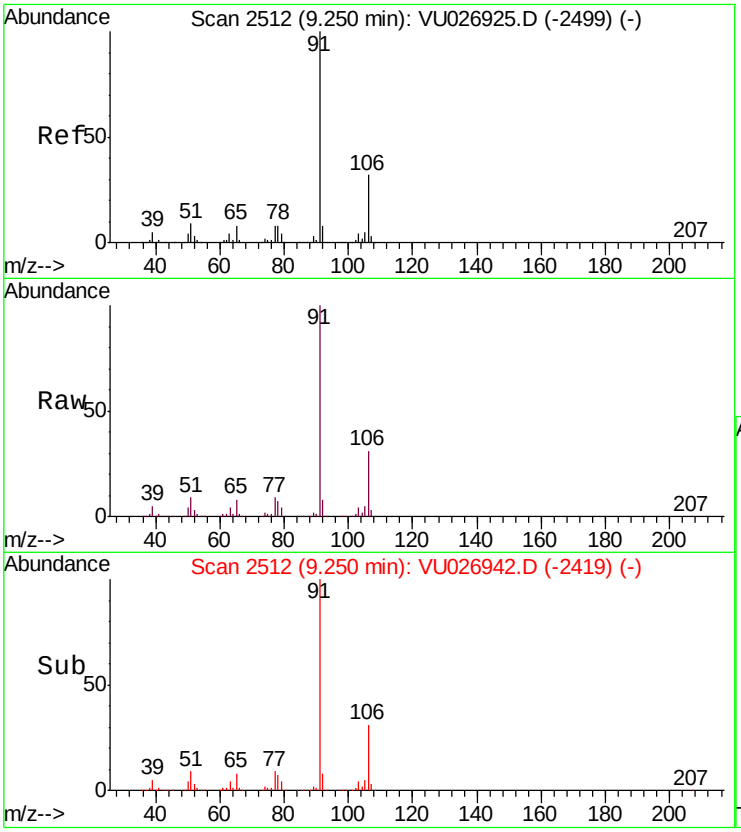


#51
Chlorobenzene
Concen: 51.626 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:112 Resp: 282829

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.3	41.5
77	55.6	45.1	67.7



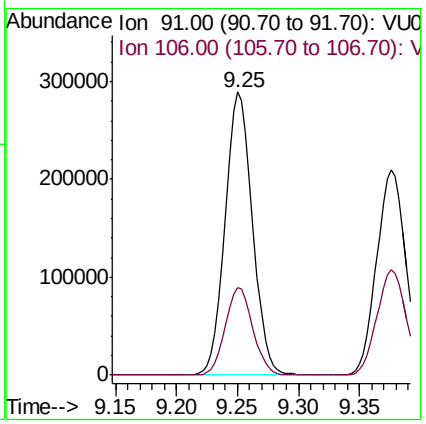


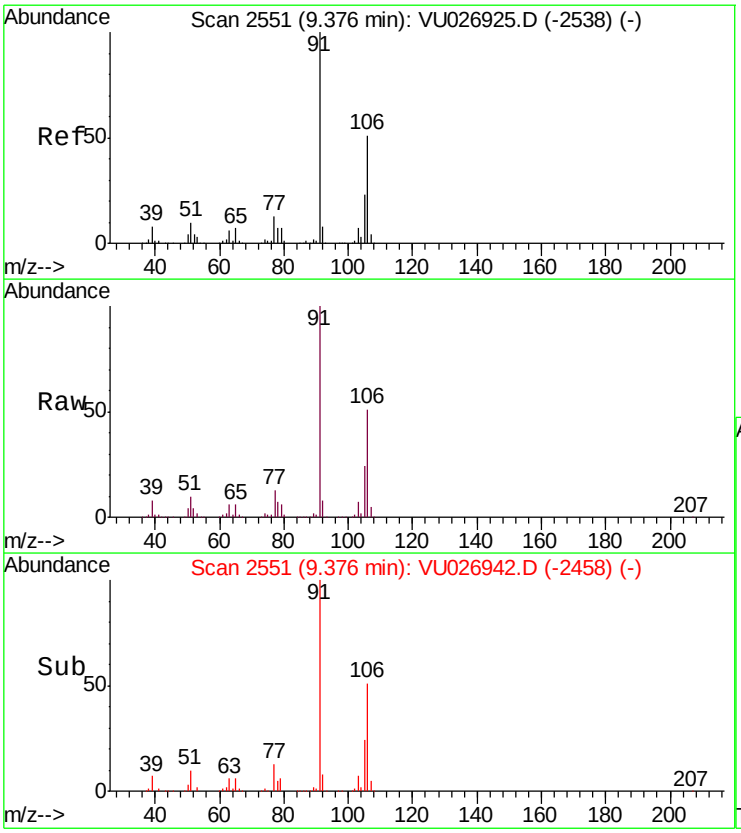
#52
Ethylbenzene
Concen: 53.735 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 91 Resp: 454460

Ion	Ratio	Lower	Upper
91	100		
106	31.1	22.0	40.8

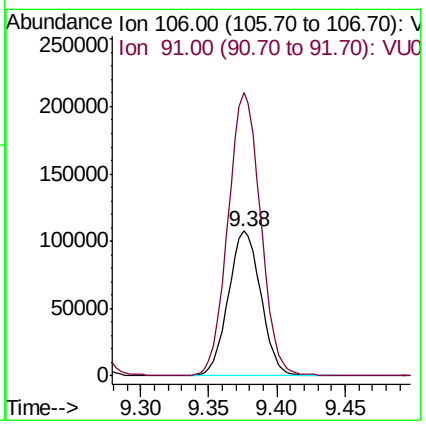


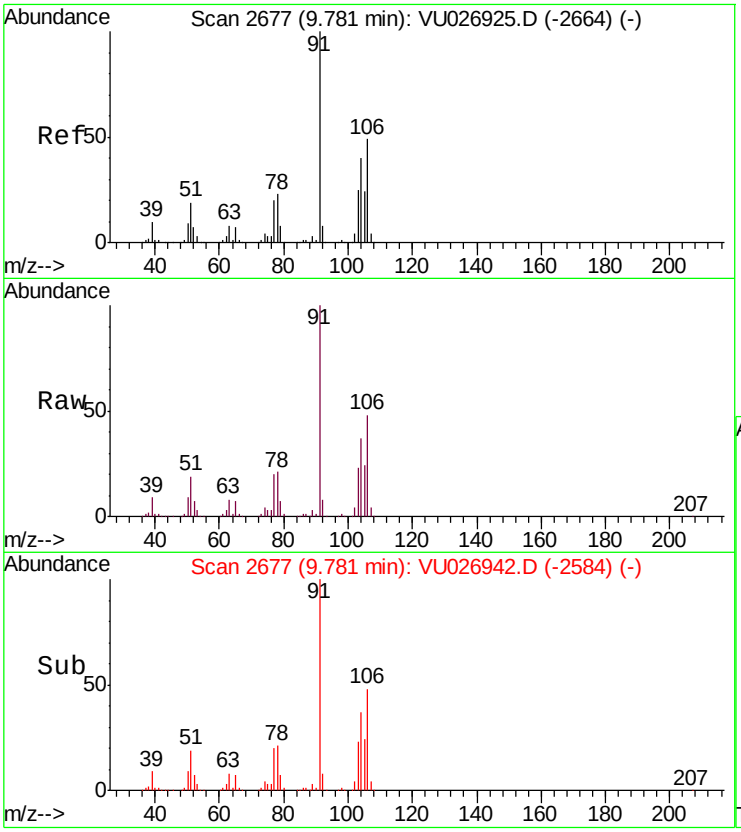


#53
m,p-Xylene
Concen: 55.029 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:106 Resp: 178912

Ion	Ratio	Lower	Upper
106	100		
91	195.4	139.2	258.6



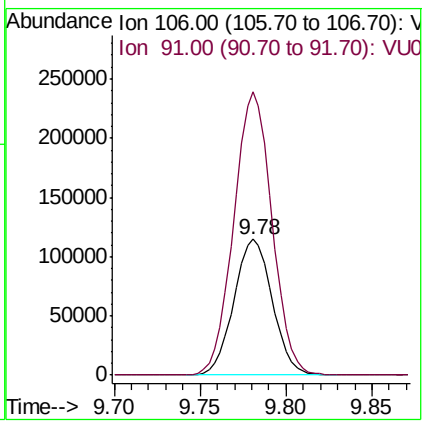


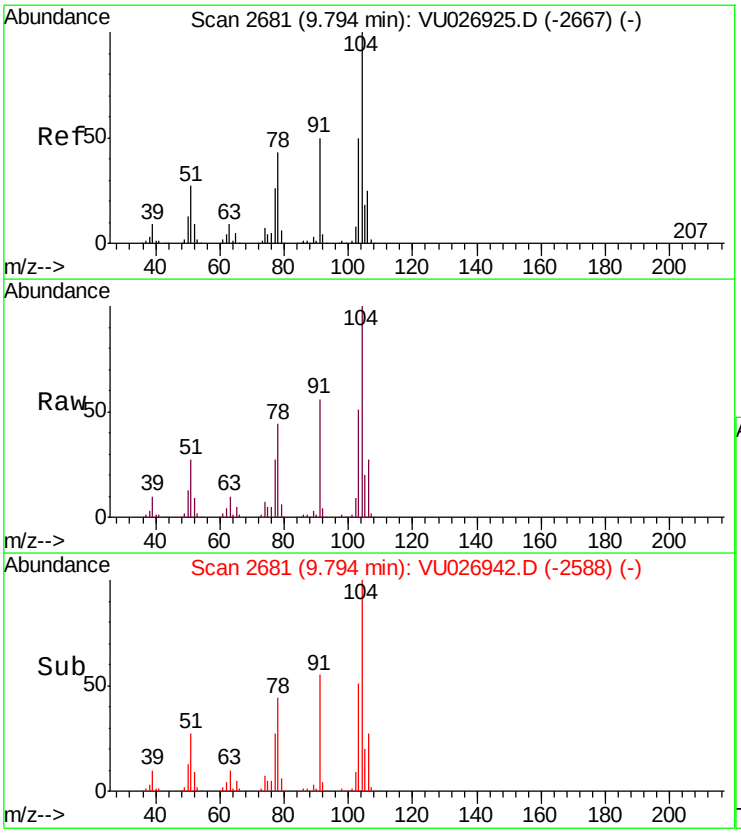
#54
o-xylene
Concen: 56.090 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion:106 Resp: 177683

Ion	Ratio	Lower	Upper
106	100		
91	207.9	143.1	265.9

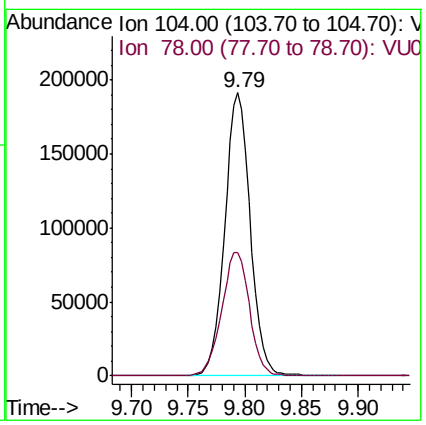


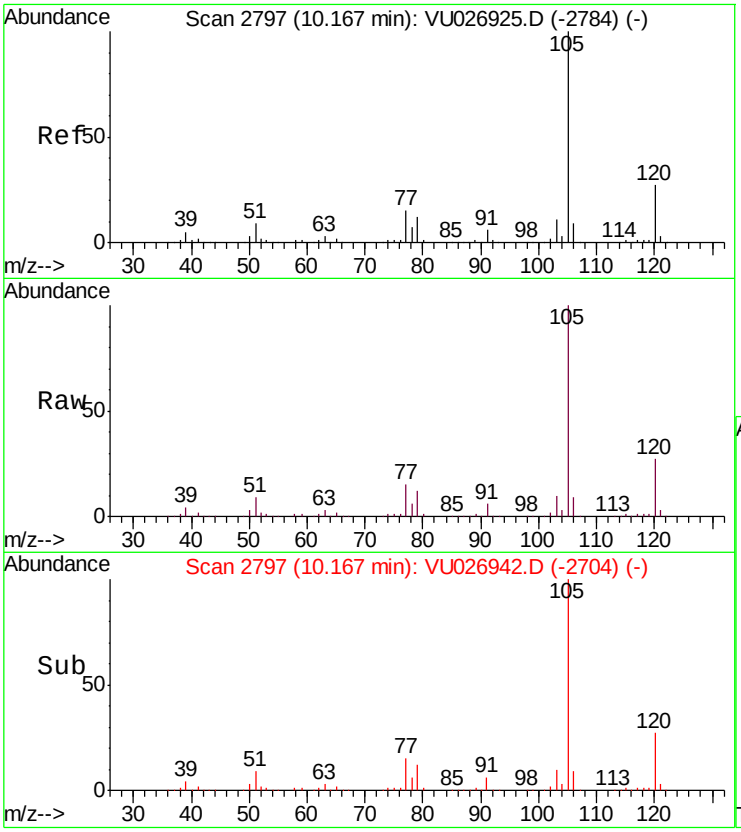


#55
Styrene
Concen: 54.673 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:104 Resp: 299024

Ion	Ratio	Lower	Upper
104	100		
78	43.8	30.5	56.7



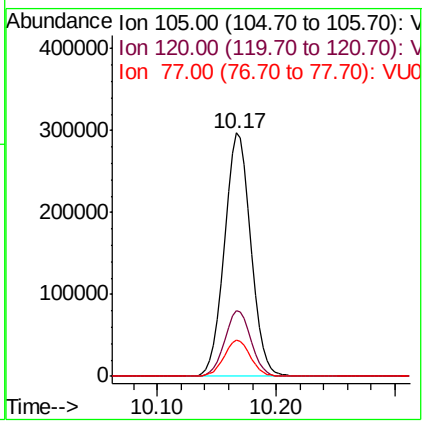


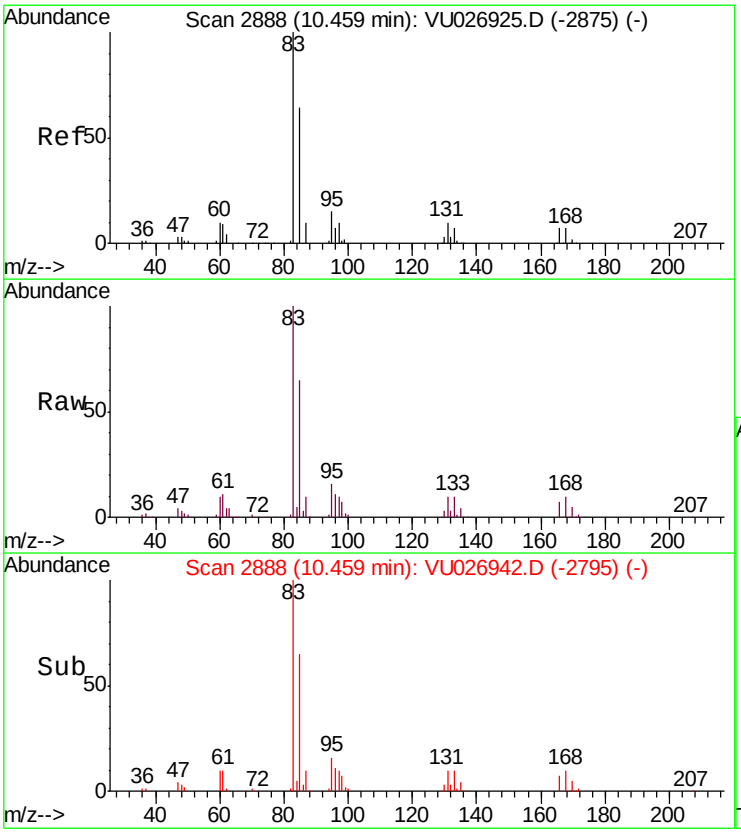
#56
Isopropylbenzene
Concen: 56.286 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion:105 Resp: 455467

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.4	32.2
77	14.9	12.2	18.4

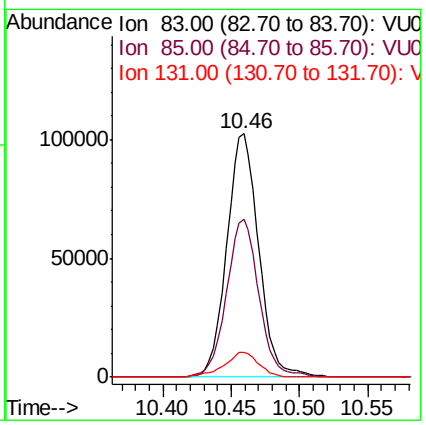


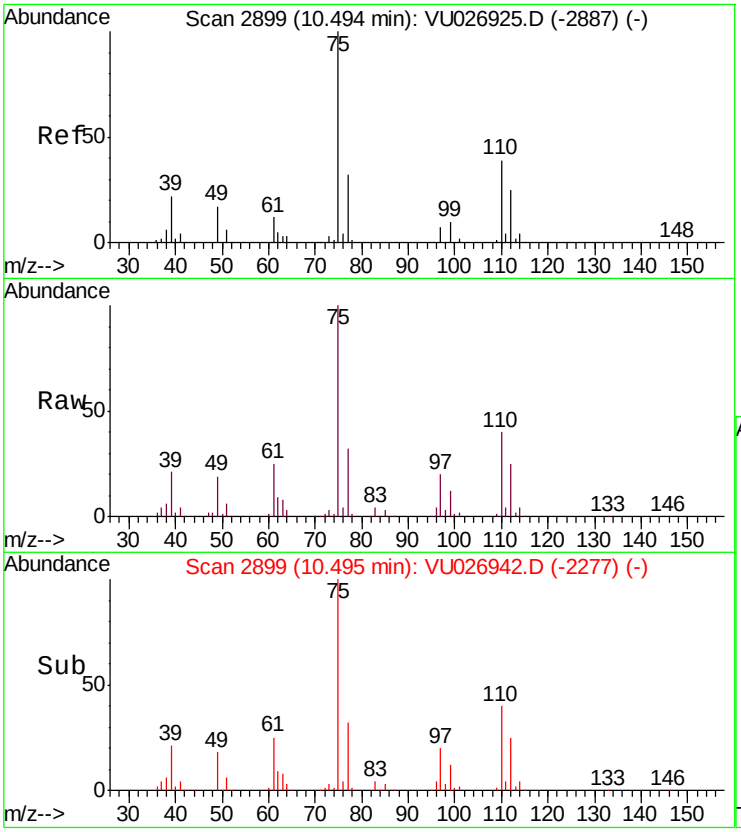


#58
1,1,2,2-Tetrachloroethane
Concen: 49.434 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 83 Resp: 166137

Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.4	84.2
131	10.2	7.9	11.9



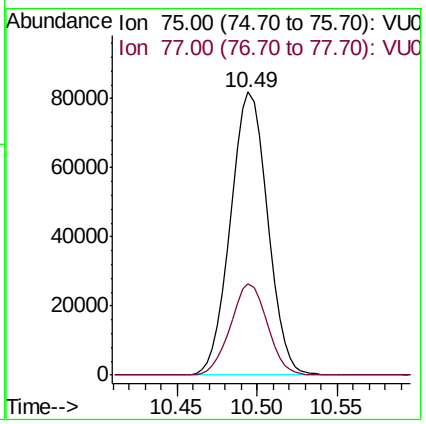


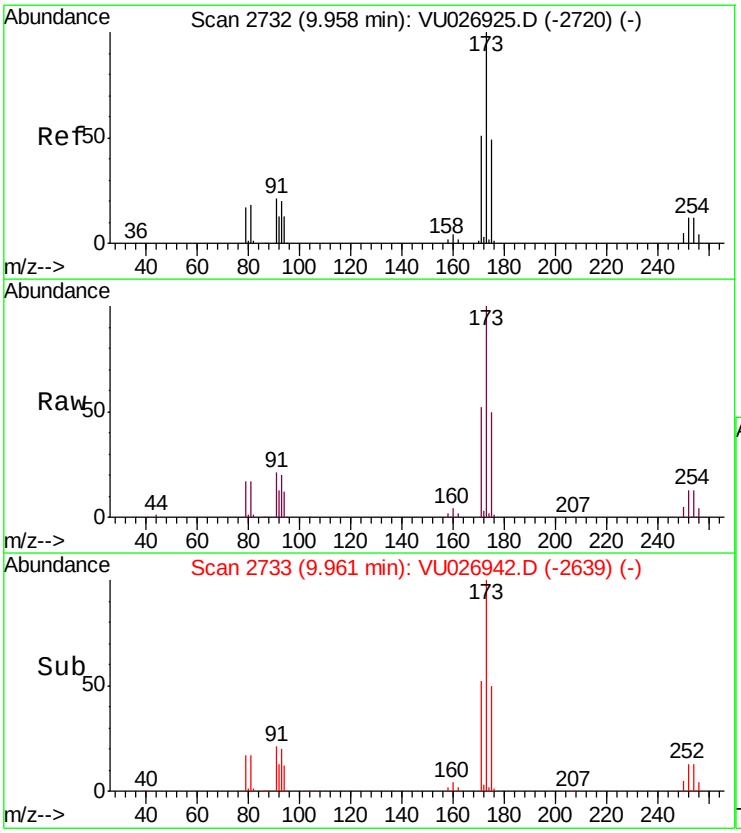
#59
1,2,3-Trichloropropane
Concen: 49.394 ug/L
RT: 10.49 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion: 75 Resp: 129673

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3

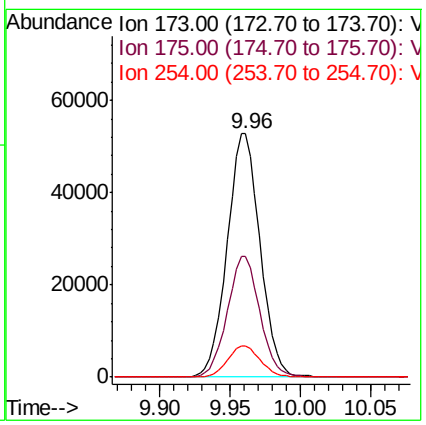


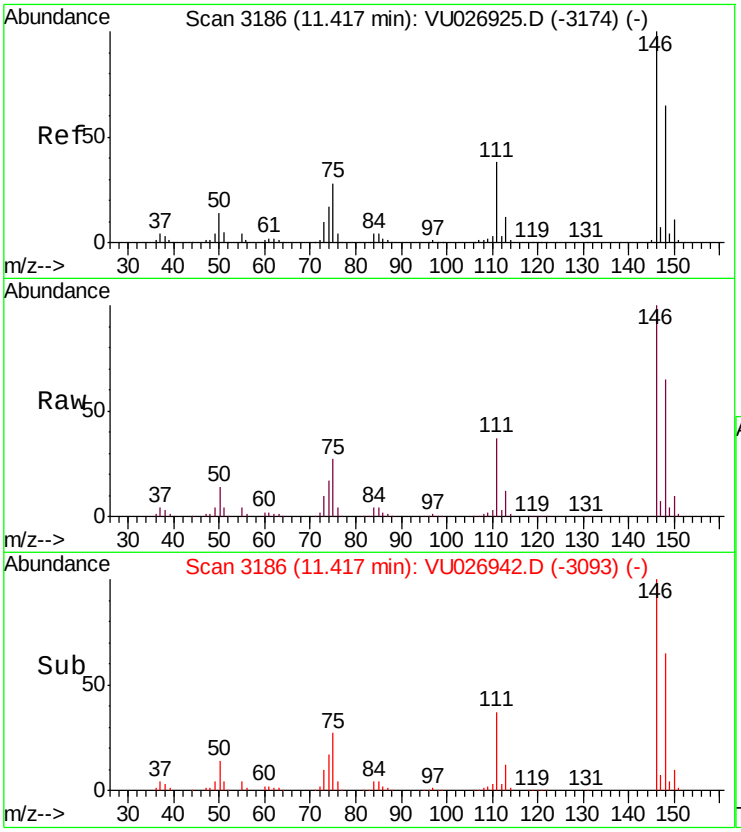


#61
Bromoform
Concen: 48.974 ug/L
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:173 Resp: 86071

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.6	57.8
254	12.7	9.4	14.2



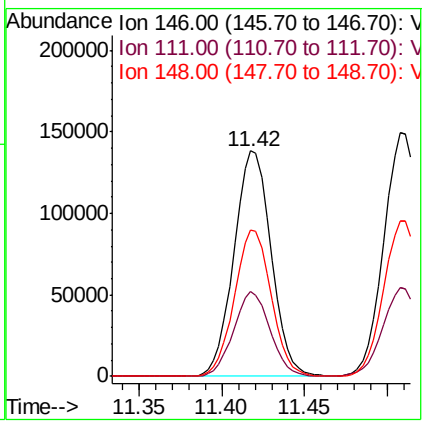


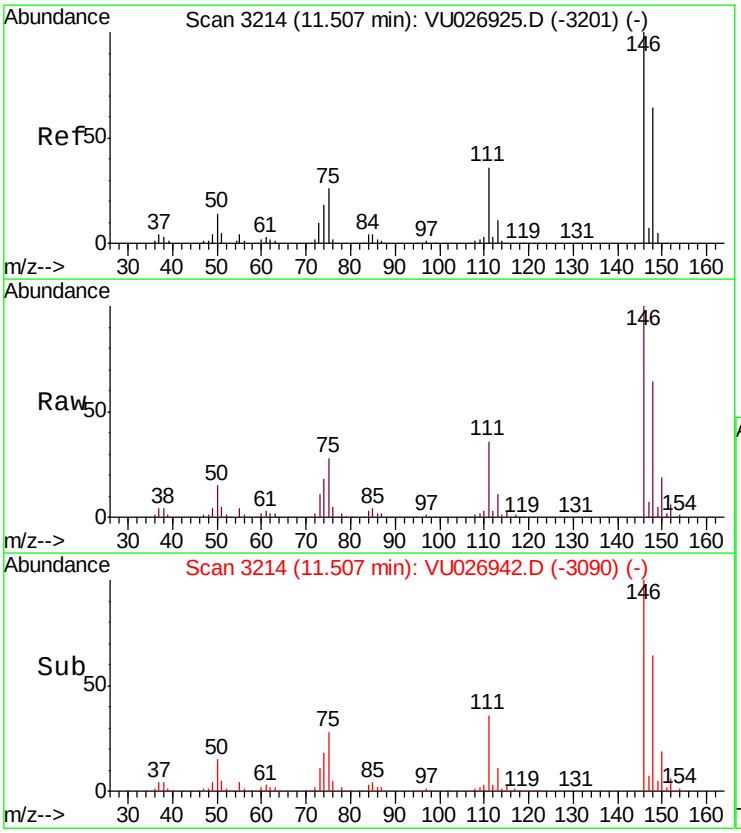
#62
1,3-Dichlorobenzene
Concen: 53.105 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion:146 Resp: 216359

Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.7	49.7
148	65.1	44.9	83.5

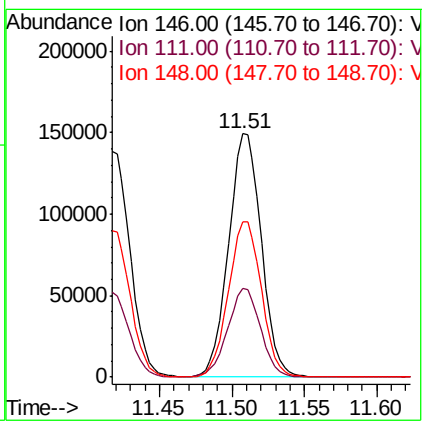


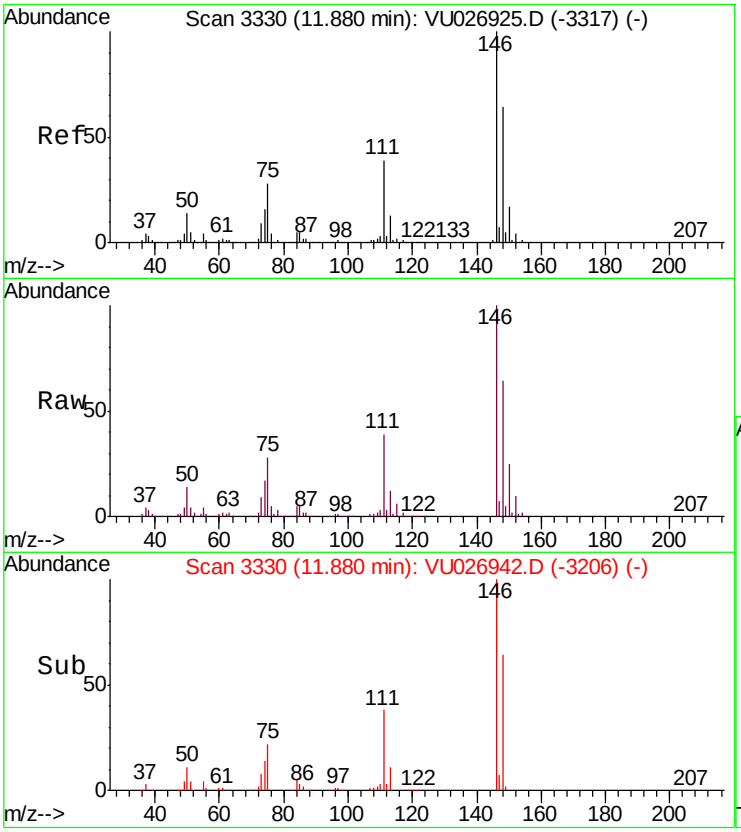


#63
1,4-Dichlorobenzene
Concen: 51.940 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:146 Resp: 233016

Ion	Ratio	Lower	Upper
146	100		
111	36.4	26.0	48.2
148	63.8	45.8	85.2



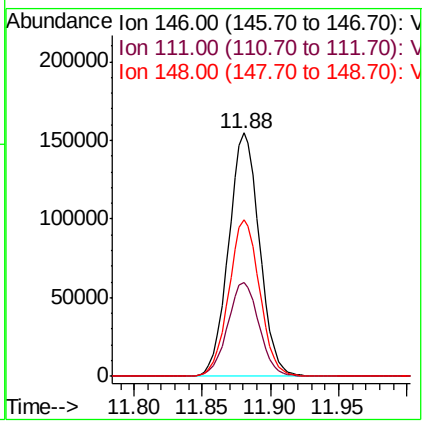


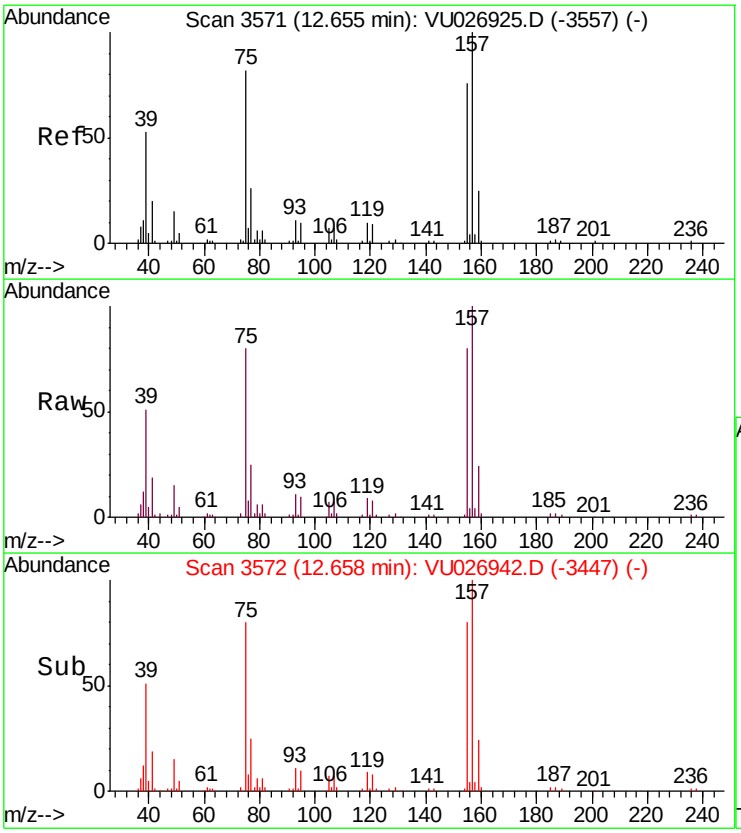
#65
1,2-Dichlorobenzene
Concen: 53.762 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Tgt Ion:146 Resp: 242529

Ion	Ratio	Lower	Upper
146	100		
111	38.7	31.4	47.0
148	64.5	51.4	77.2

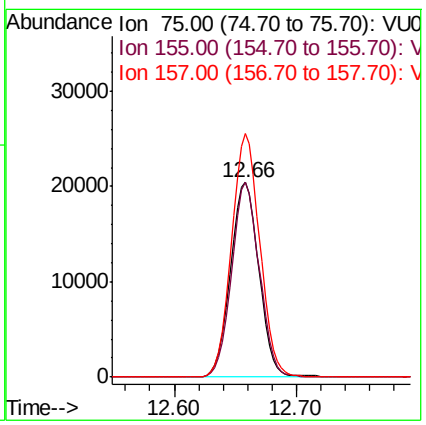


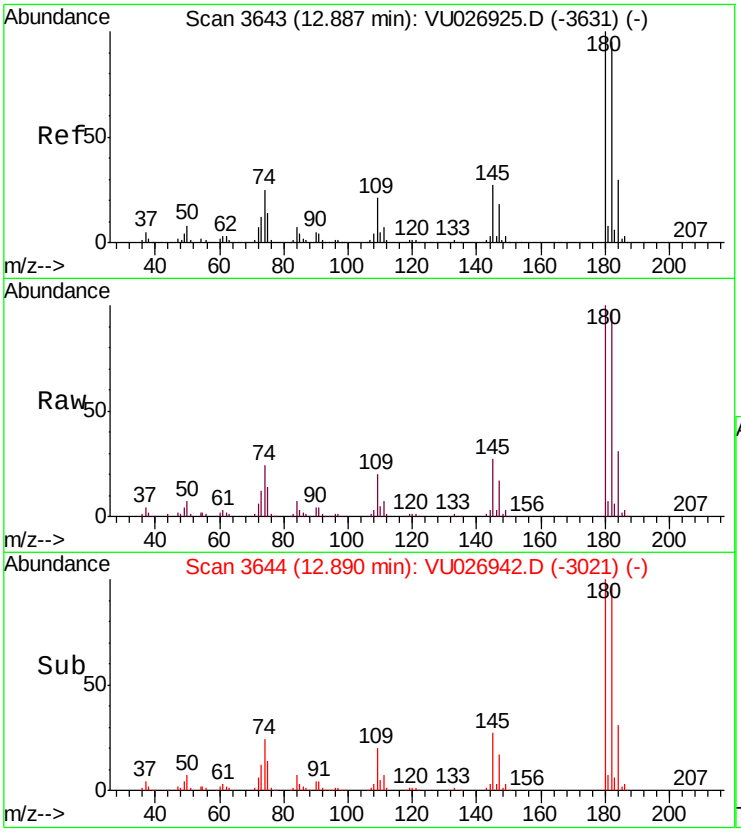


#66
1,2-Dibromo-3-chloropropane
Concen: 48.182 ug/L
RT: 12.66 min Scan# 3572
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion: 75 Resp: 32975

Ion	Ratio	Lower	Upper
75	100		
155	100.4	69.5	104.3
157	125.3	90.5	135.7



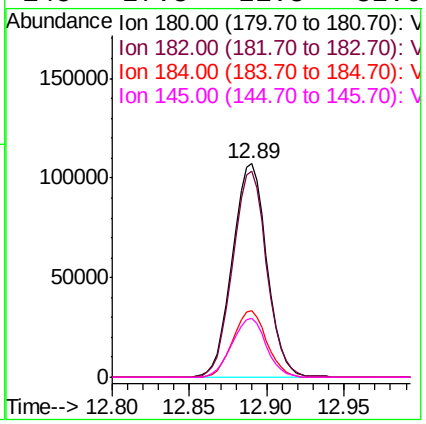


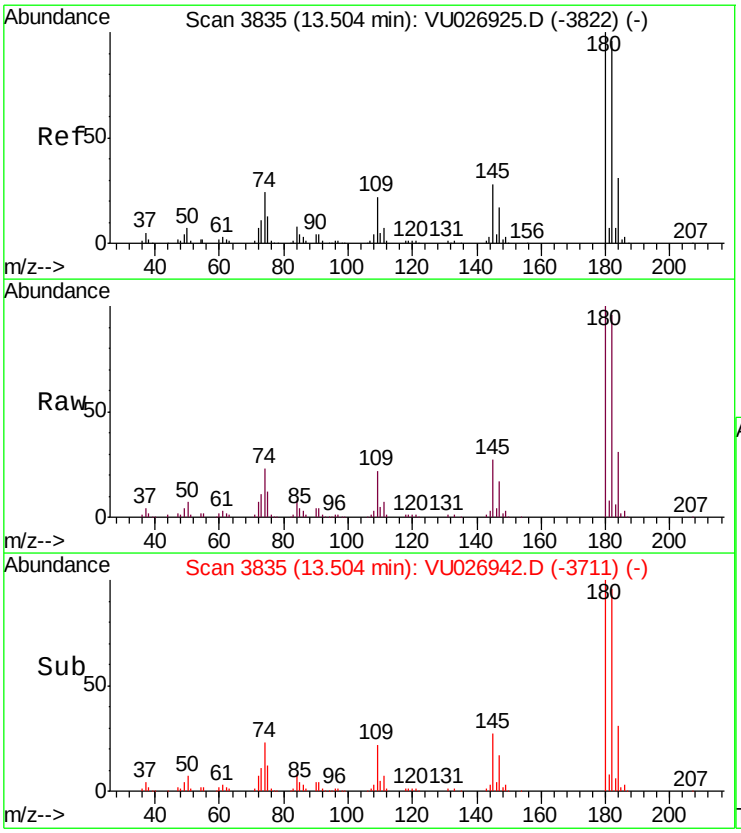
#67
1,3,5-Trichlorobenzene
Concen: 52.602 ug/L
RT: 12.89 min Scan# 3644
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion:180 Resp: 165840

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.7	115.1
184	30.6	24.2	36.4
145	27.3	21.8	32.6

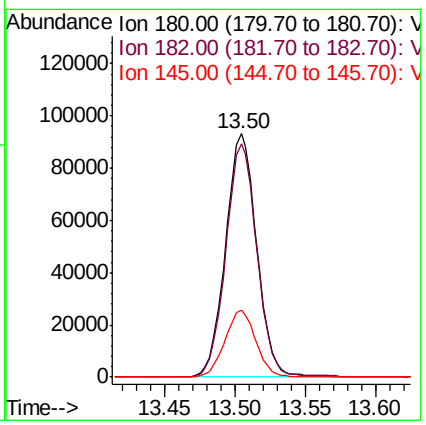


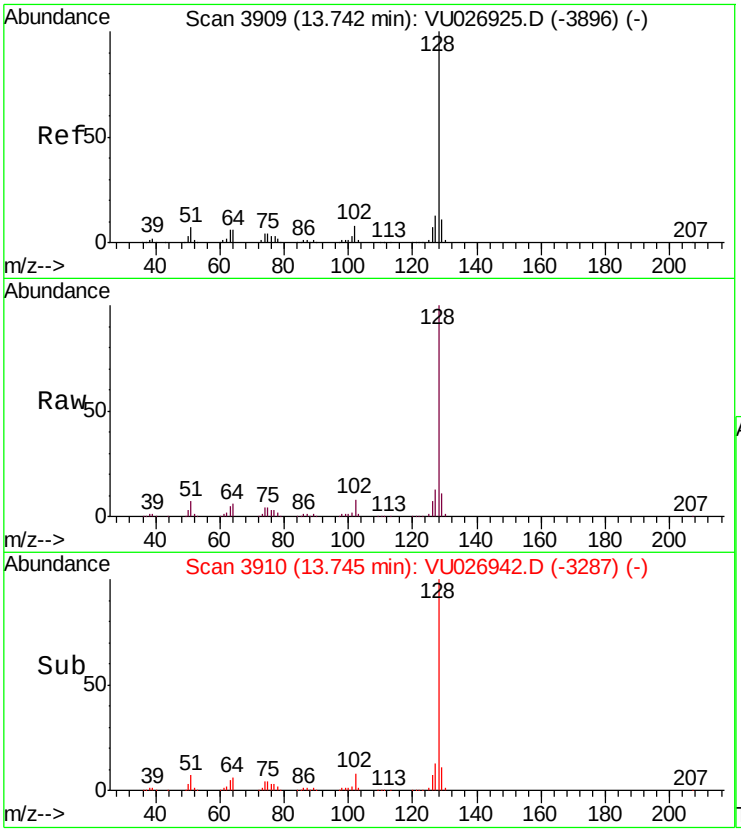


#68
1,2,4-trichlorobenzene
Concen: 53.087 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:180 Resp: 144230

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	27.2	22.2	33.2



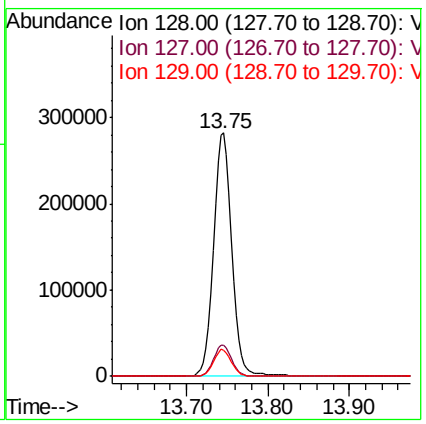


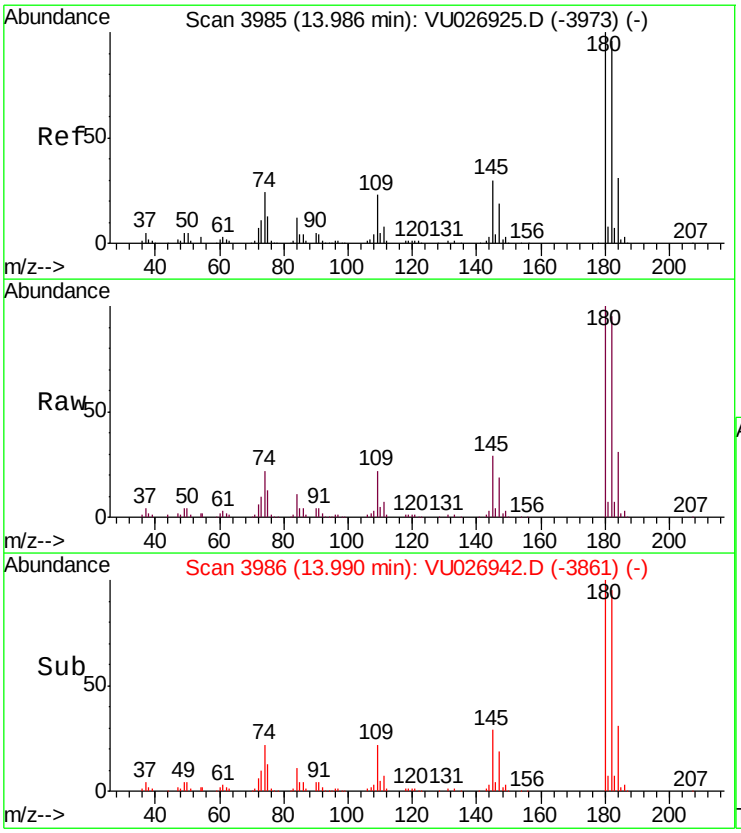
#69
Naphthalene
Concen: 55.971 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD05052

Tgt Ion:128 Resp: 447987

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	12.8





#70
1,2,3-Trichlorobenzene
Concen: 53.674 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026942.D
Acq: 20 Sep 2018 18:20

Tgt Ion:180 Resp: 160585

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	29.2	23.8	35.6