Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\

Quantitation Report (Not Reviewed)

Data File : VU029571.D
Acq On : 20 Feb 2019 10:00
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Quant Time: Feb 21 04:21:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	221565	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	216962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122639	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	53402	3.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.80%			
7) Chloroethane-d5	1.68	69	52673	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.20%			
11) 1,1-Dichloroethene-d2	2.27	63	130730	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	4.19	46	166294	53.73	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.46%			
24) Chloroform-d	4.65	84	112677	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.31	65	59524	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.34	84	224807	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.33	67	71187	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.56	98	222782	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	7.85	79	30206	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.31	63	165037	52.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69036	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	102767	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	92646	4.774	ug/L	99
3) Chloromethane	1.32	50	87160	4.760	ug/L	99
5) Vinyl chloride	1.40	62	107274	5.027	ug/L	99
6) Bromomethane	1.62	94	69097	5.551	ug/L	98
8) Chloroethane	1.70	64	68840	4.955	ug/L	99
9) Trichlorofluoromethane	1.88	101	160607	4.917	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	100299	5.210	ug/L	98
12) 1,1-Dichloroethene	2.28	96	93230	5.113	ug/L	83
13) Acetone	2.32	43	145654	51.800	ug/L	96
14) Carbon disulfide	2.48	76	283706	4.722	ug/L	100
15) Methyl Acetate	2.62	43	37716	5.236	ug/L	98
16) Methylene chloride	2.70	84	103134	5.033	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	236099	5.171	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	100881	5.189	ug/L	98
19) 1,1-Dichloroethane	3.44	63	165101	5.636	ug/L	97
21) 2-Butanone	4.27	43	192620	55.438	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	90571	5.064	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\

Quantitation Report (Not Reviewed)

Data File : VU029571.D
Acq On : 20 Feb 2019 10:00
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Quant Time: Feb 21 04:21:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	41448	5.134 ug/L	96
25) Chloroform	4.67	83	152000	5.186 ug/L	95
27) 1,2-Dichloroethane	5.40	62	90622	5.344 ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	128460	4.787 ug/L	98
30) Cyclohexane	4.99	56	122877	4.778 ug/L	99
31) Carbon tetrachloride	5.13	117	111518	4.599 ug/L	99
33) Benzene	5.39	78	317555	4.973 ug/L	100
34) Trichloroethene	6.18	95	90041	5.015 ug/L	96
35) Methylcyclohexane	6.41	83	141376	4.680 ug/L	99
37) 1,2-Dichloropropane	6.43	63	83068	5.193 ug/L	99
38) Bromodichloromethane	6.75	83	103346	4.889 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	125432	4.982 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	481367	52.207 ug/L	99
42) Toluene	7.63	91	369756	5.159 ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	101808	4.924 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	64386	5.255 ug/L	95
47) Tetrachloroethene	8.22	164	83113	5.053 ug/L	98
48) 2-Hexanone	8.36	43	354441	52.744 ug/L	99
49) Dibromochloromethane	8.47	129	80502	4.875 ug/L	99
50) 1,2-Dibromoethane	8.59	107	63498	5.237 ug/L	95
51) Chlorobenzene	9.12	112	253183	5.136 ug/L	98
52) Ethylbenzene	9.25	91	420493	5.181 ug/L	98
53) m,p-xylene	9.37	106	163779	5.060 ug/L	97
54) o-xylene	9.77	106	162400	5.112 ug/L	98
55) Styrene	9.79	104	276013	5.233 ug/L	98
56) Isopropylbenzene	10.16	105	439969	5.251 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	81588	5.456 ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	56218	5.479 ug/L	96
61) Bromoform	9.95	173	47383	4.564 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	219453	5.051 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	219056	5.049 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	210869	5.151 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	12260	4.787 ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	183767	5.098 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	159743	5.261 ug/L	98
69) Naphthalene	13.74	128	262991	5.016 ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	149370	5.145 ug/L	100

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

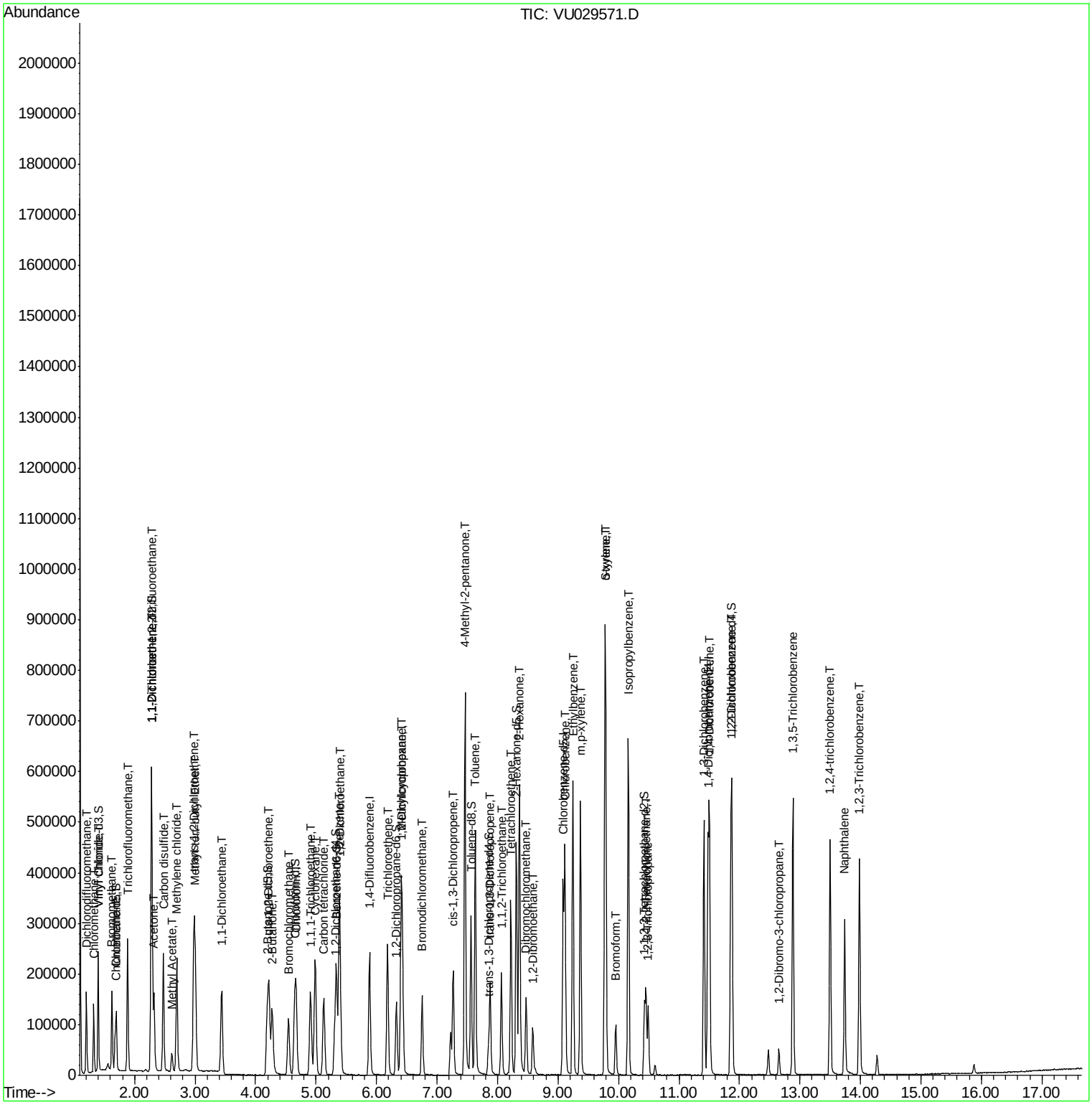
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\

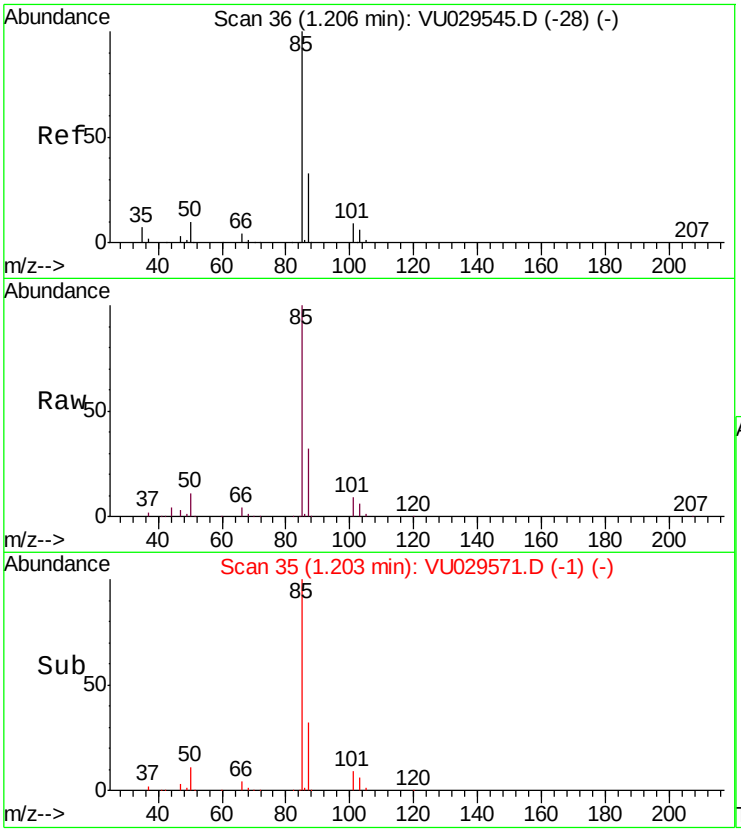
Quantitation Report (Not Reviewed)

Data File : VU029571.D
Acq On : 20 Feb 2019 10:00
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Quant Time: Feb 21 04:21:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration



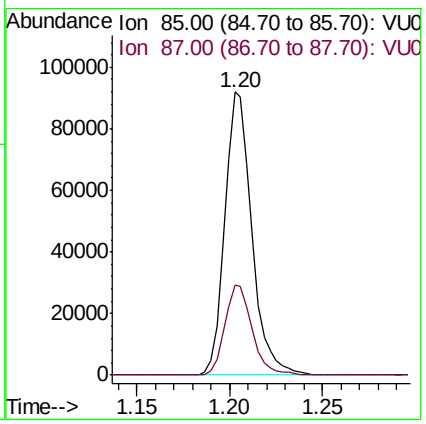


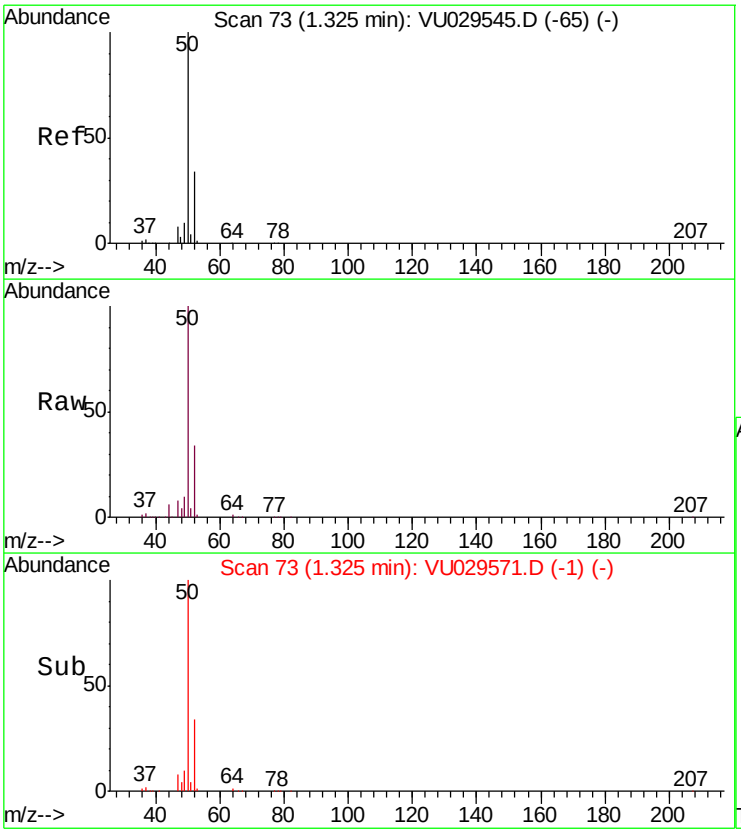
#2
Dichlorodifluoromethane
Concen: 4.774 ug/L
RT: 1.20 min Scan# 35
Delta R.T. -0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 85 Resp: 92646

Ion	Ratio	Lower	Upper
85	100		
87	32.3	25.4	38.0

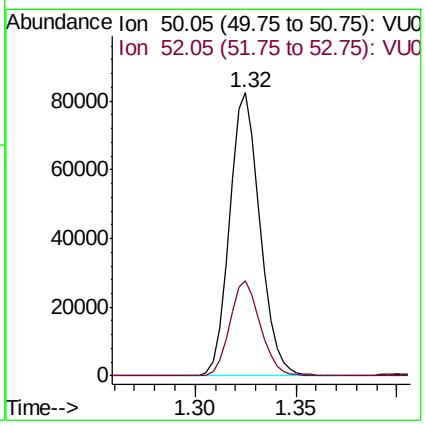


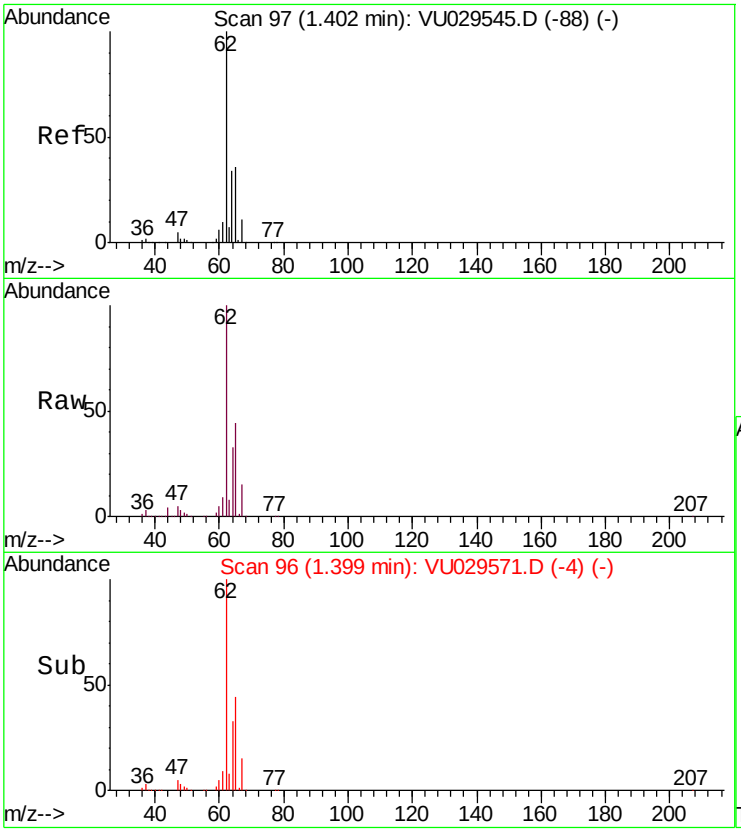


#3
Chloromethane
Concen: 4.760 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 50 Resp: 87160

Ion	Ratio	Lower	Upper
50	100		
52	33.7	23.1	42.9



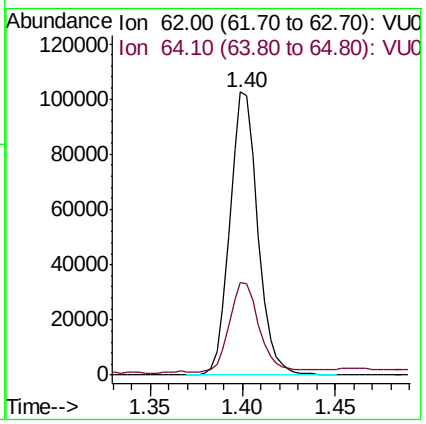


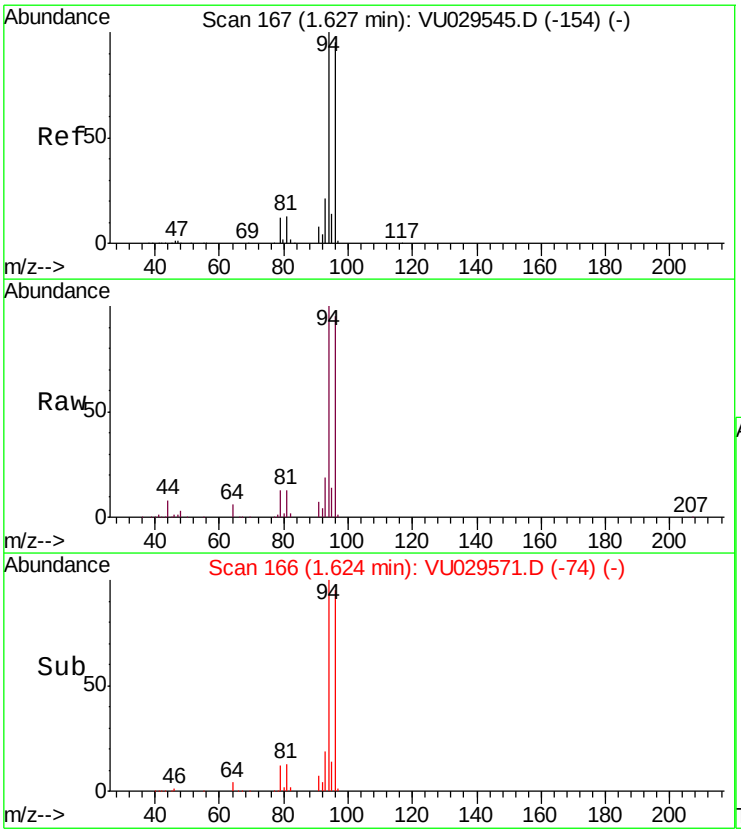
#5
Vinyl chloride
Concen: 5.027 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion: 62 Resp: 107274

Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.5	43.7

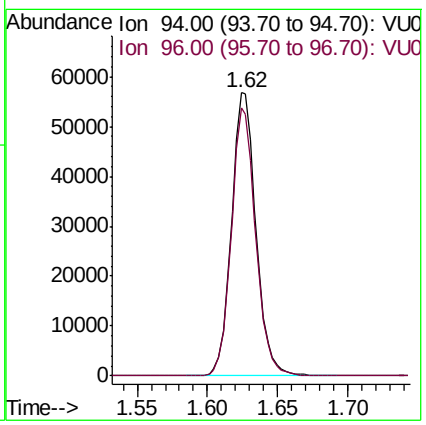


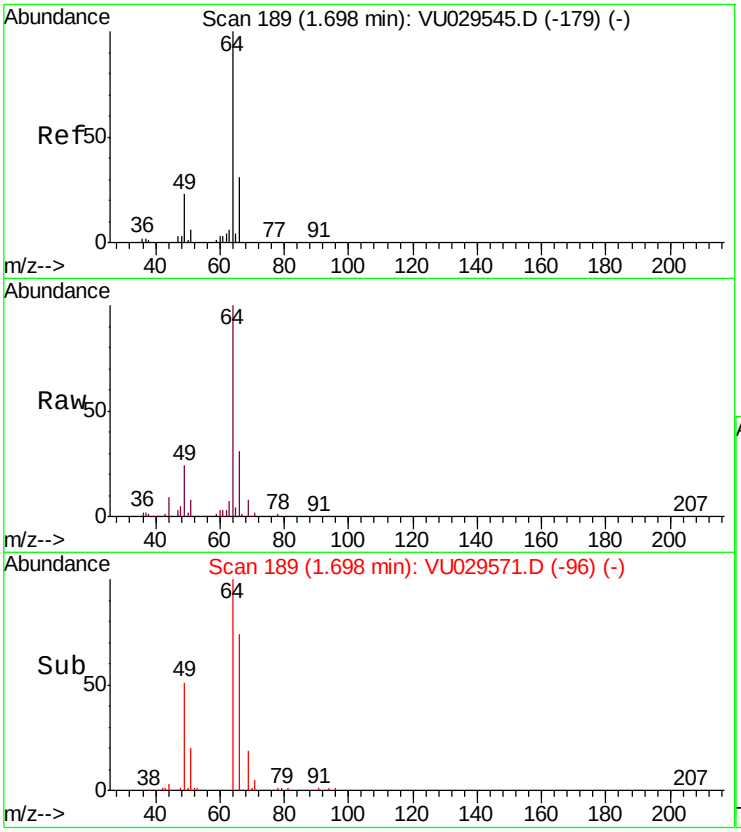


#6
Bromomethane
Concen: 5.551 ug/L
RT: 1.62 min Scan# 166
Delta R.T. -0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 94 Resp: 69097

Ion	Ratio	Lower	Upper
94	100		
96	94.7	65.2	121.0



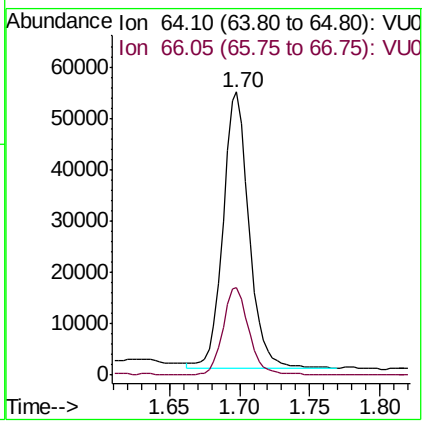


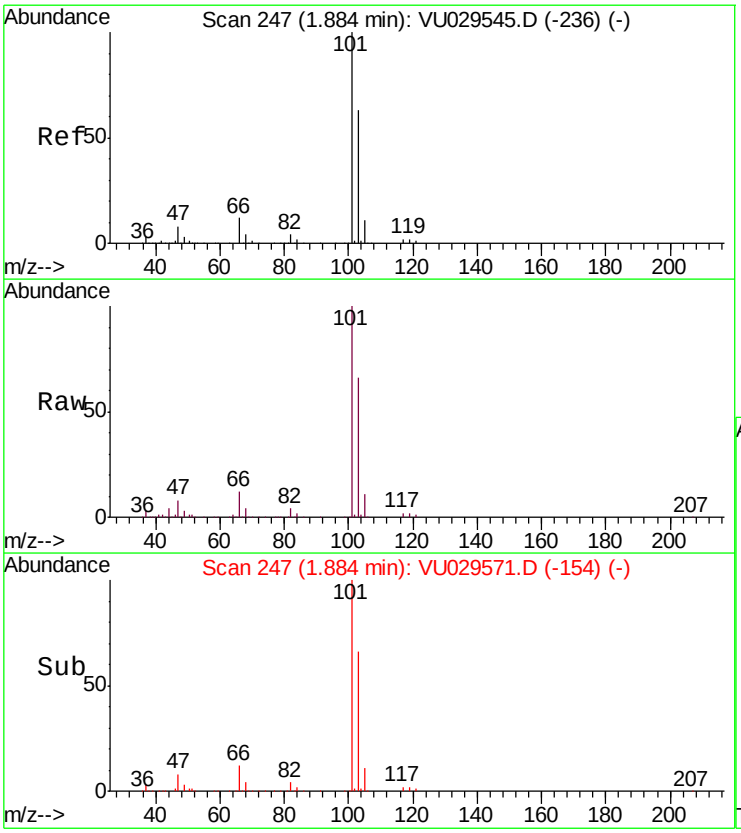
#8
Chloroethane
Concen: 4.955 ug/L
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 64 Resp: 68840

Ion	Ratio	Lower	Upper
64	100		
66	31.0	22.0	40.8

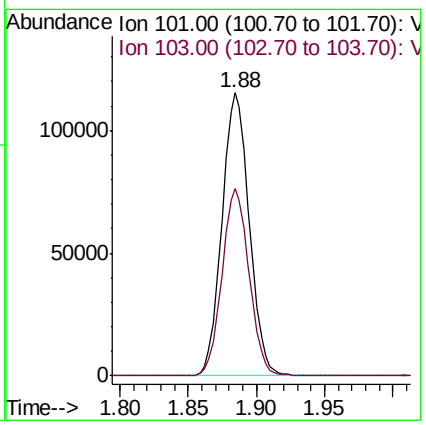


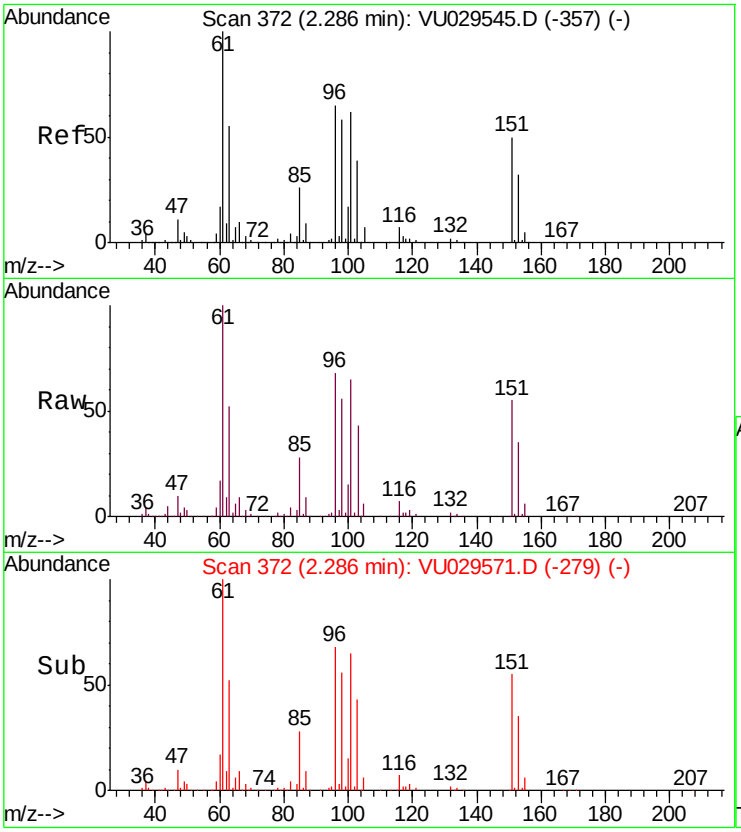


#9
Trichlorofluoromethane
Concen: 4.917 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:101 Resp: 160607

Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.1	78.1



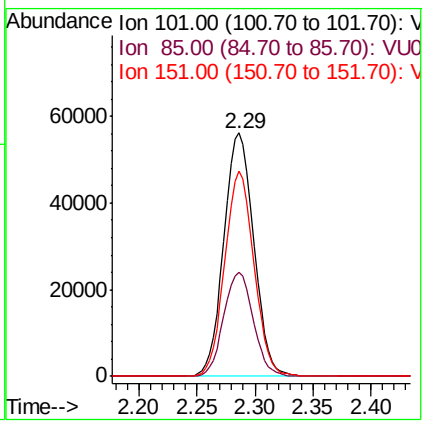


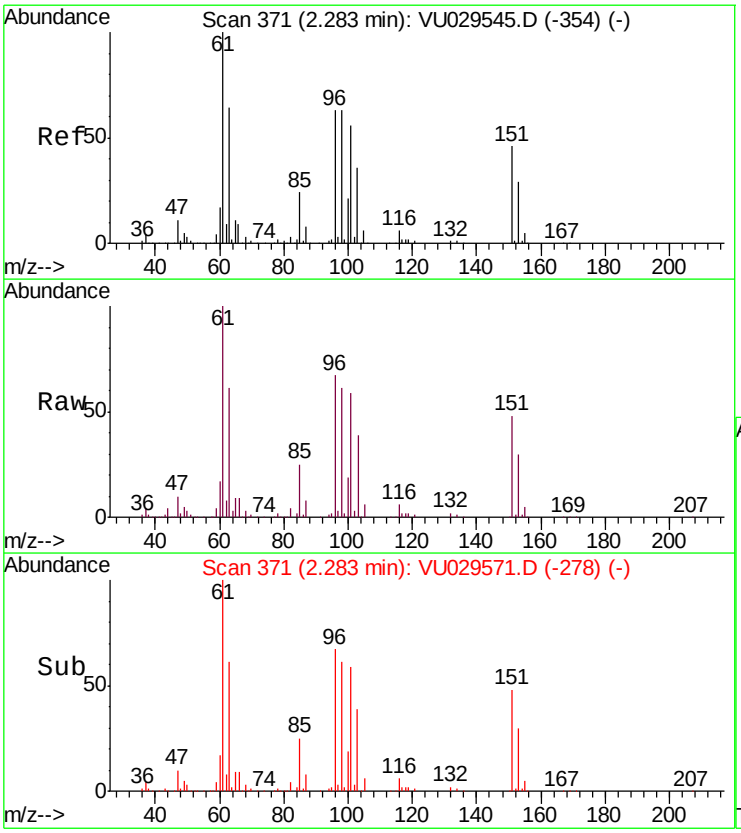
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.210 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion:101 Resp: 100299

Ion	Ratio	Lower	Upper
101	100		
85	42.0	35.1	52.7
151	82.2	67.0	100.6

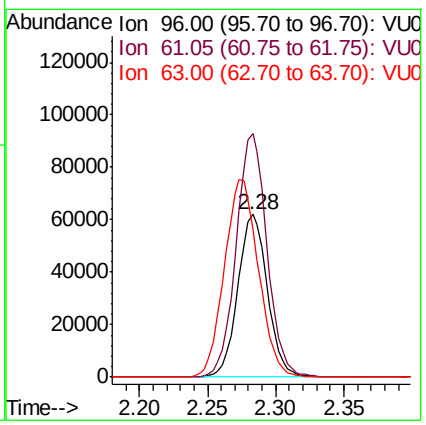


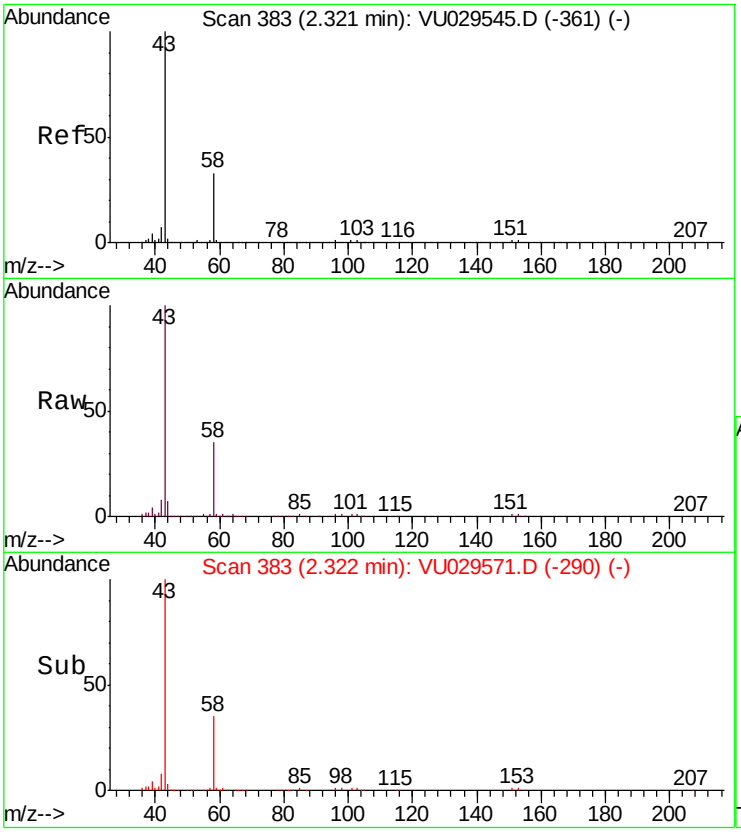


#12
1,1-Dichloroethene
Concen: 5.113 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 96 Resp: 93230

Ion	Ratio	Lower	Upper
96	100		
61	149.9	115.1	213.7
63	90.8	83.5	155.1



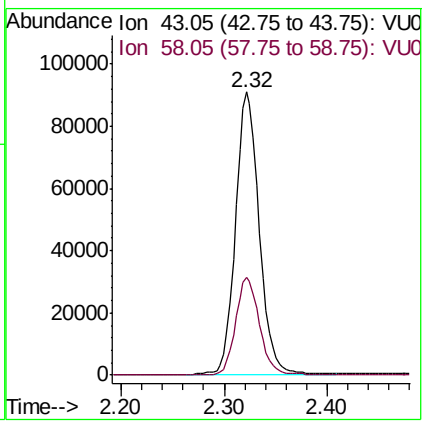


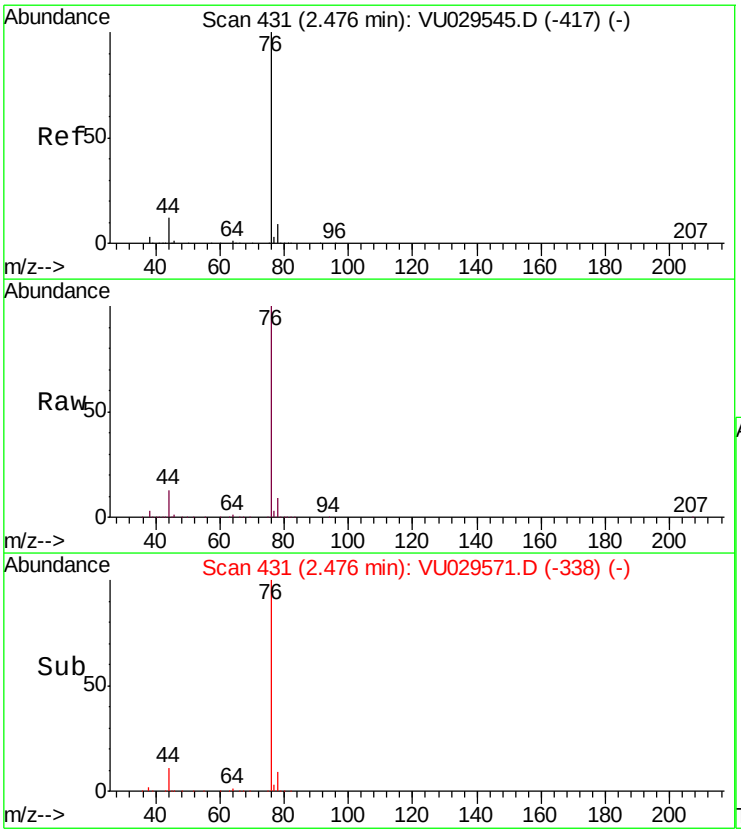
#13
Acetone
Concen: 51.800 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 43 Resp: 145654

Ion	Ratio	Lower	Upper
43	100		
58	35.0	0.0	65.0

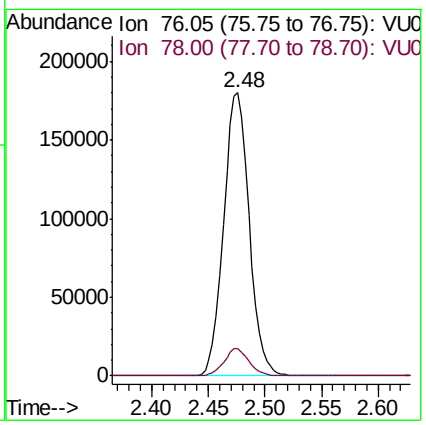


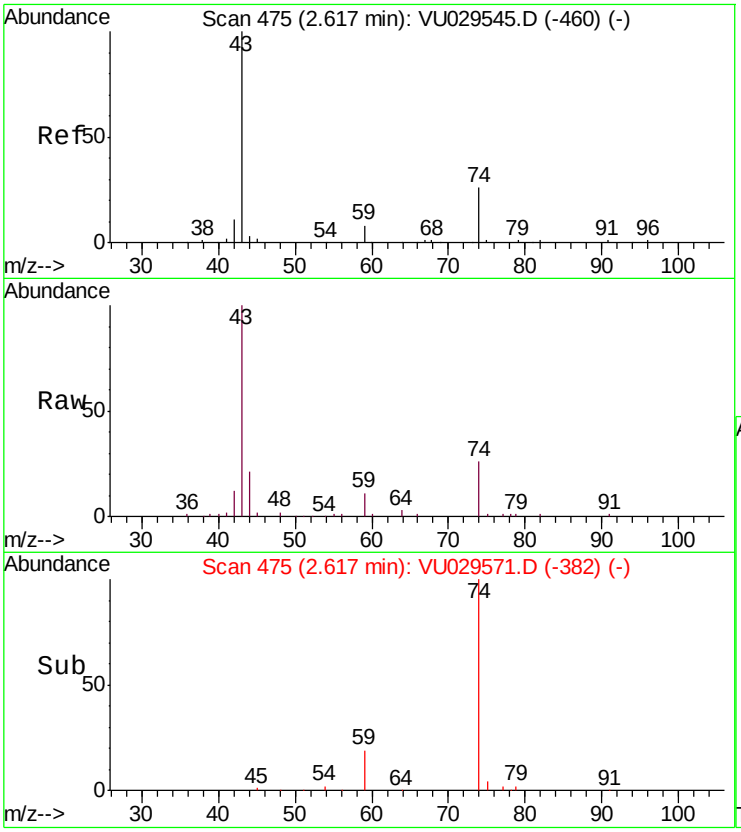


#14
Carbon disulfide
Concen: 4.722 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 76 Resp: 283706

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3



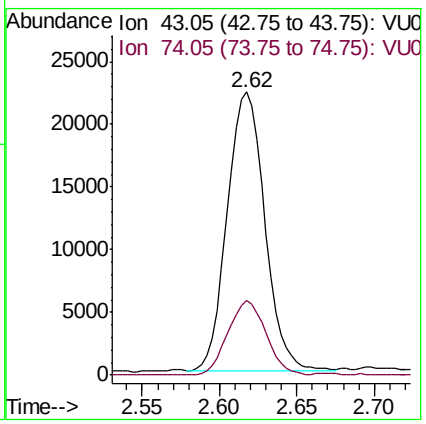


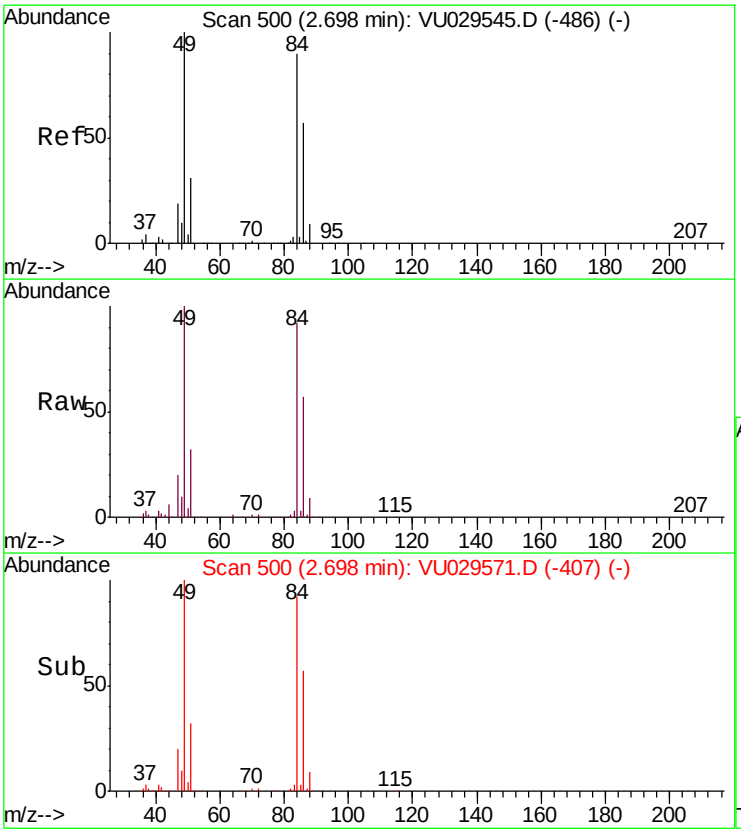
#15
Methyl Acetate
Concen: 5.236 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion: 43 Resp: 37716

Ion	Ratio	Lower	Upper
43	100		
74	27.0	22.3	33.5

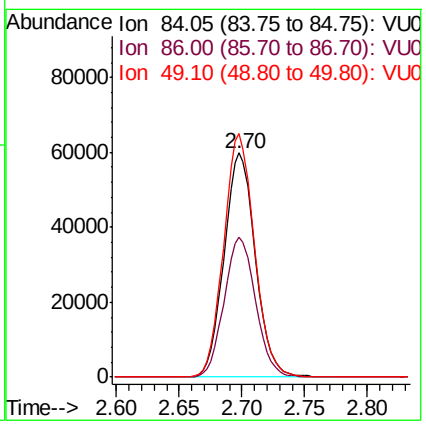


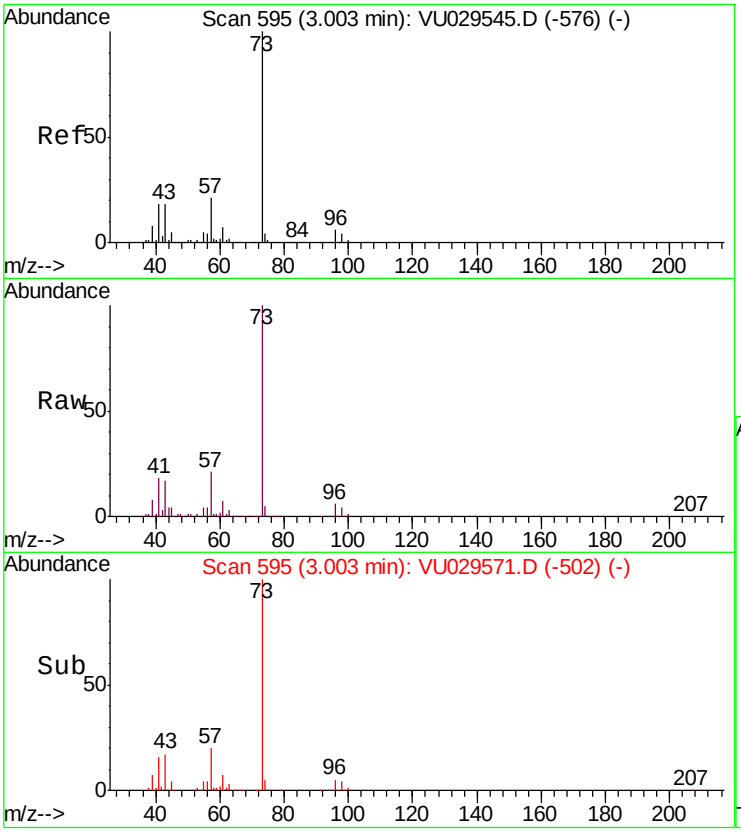


#16
Methylene chloride
Concen: 5.033 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 84 Resp: 103134

Ion	Ratio	Lower	Upper
84	100		
86	62.3	45.1	83.9
49	108.8	81.8	151.8



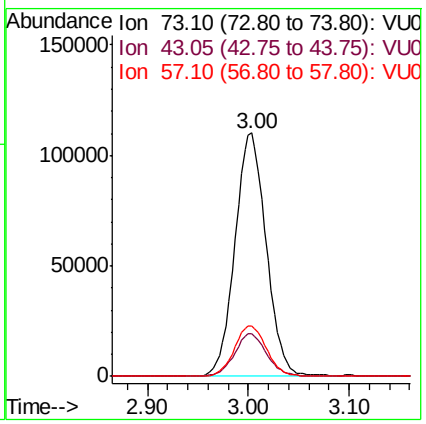


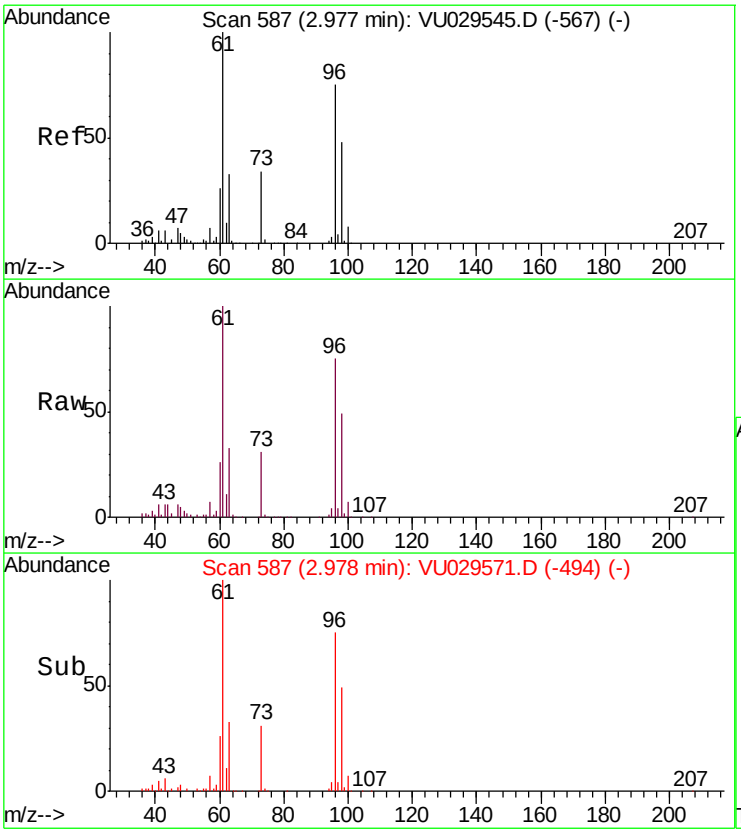
#17
Methyl tert-butyl Ether
Concen: 5.171 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 73 Resp: 236099

Ion	Ratio	Lower	Upper
73	100		
43	17.5	16.0	24.0
57	21.5	16.9	25.3

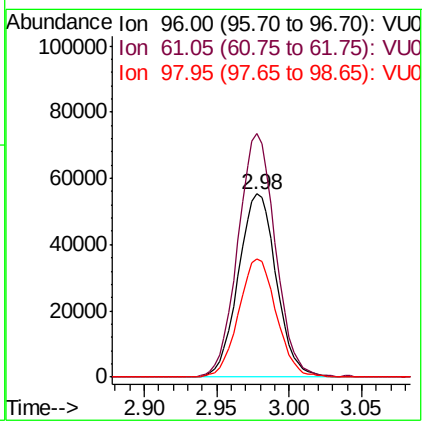


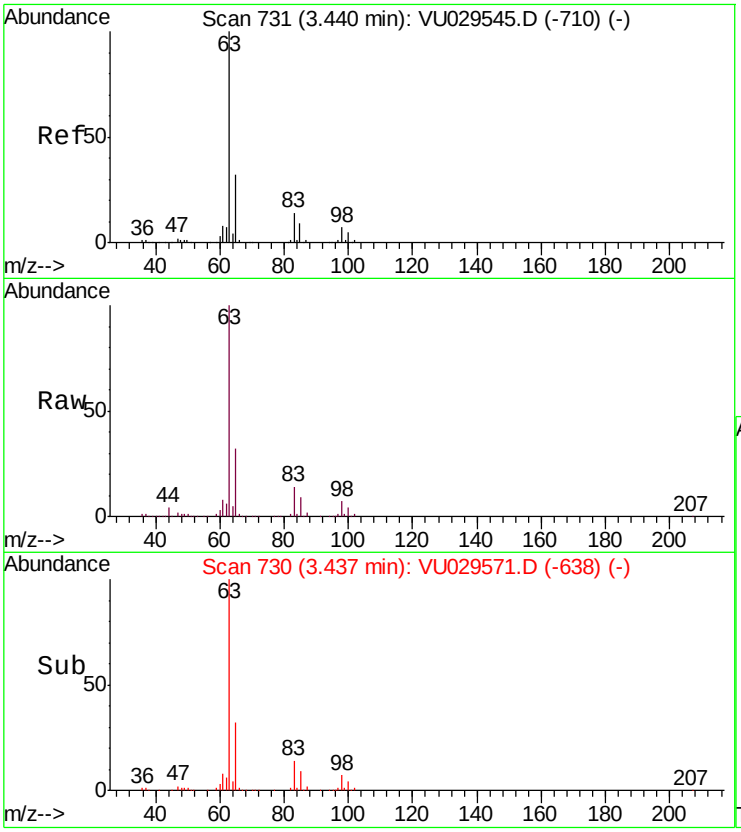


#18
trans-1,2-Dichloroethene
Concen: 5.189 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 96 Resp: 100881

Ion	Ratio	Lower	Upper
96	100		
61	133.0	95.4	177.2
98	64.9	45.8	85.2



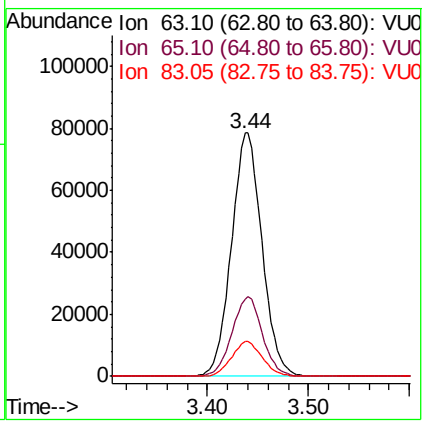


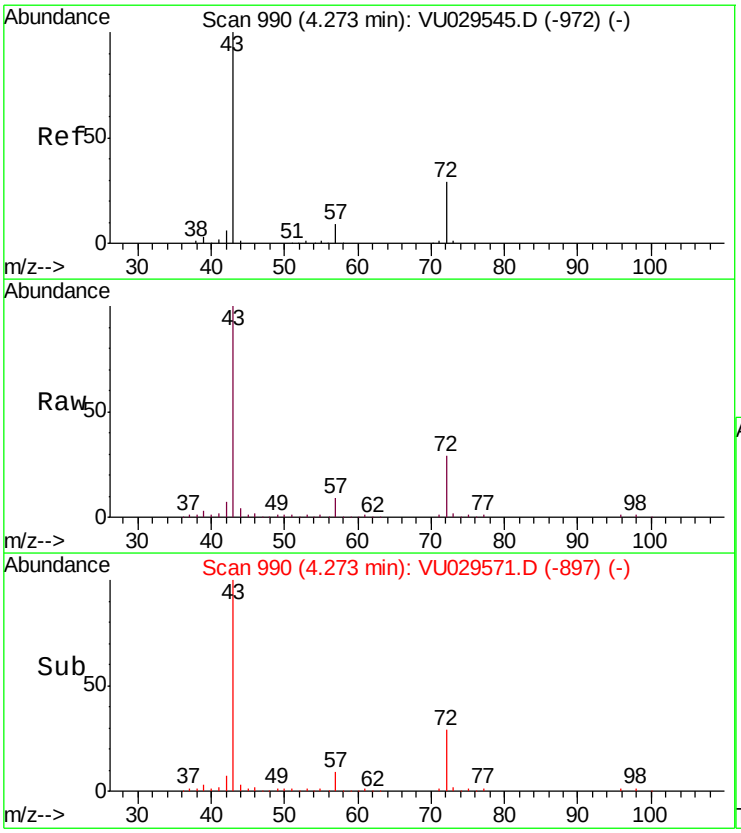
#19
1,1-Dichloroethane
Concen: 5.636 ug/L
RT: 3.44 min Scan# 730
Delta R.T. -0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 63 Resp: 165101

Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.5	43.7
83	14.2	10.3	19.1

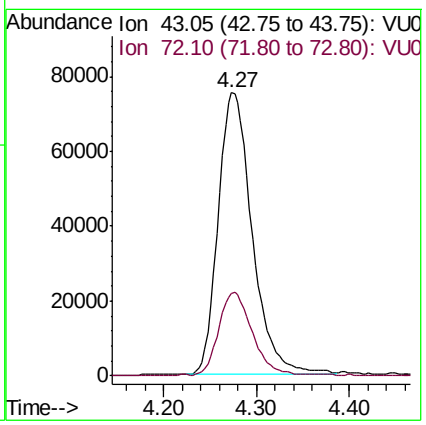


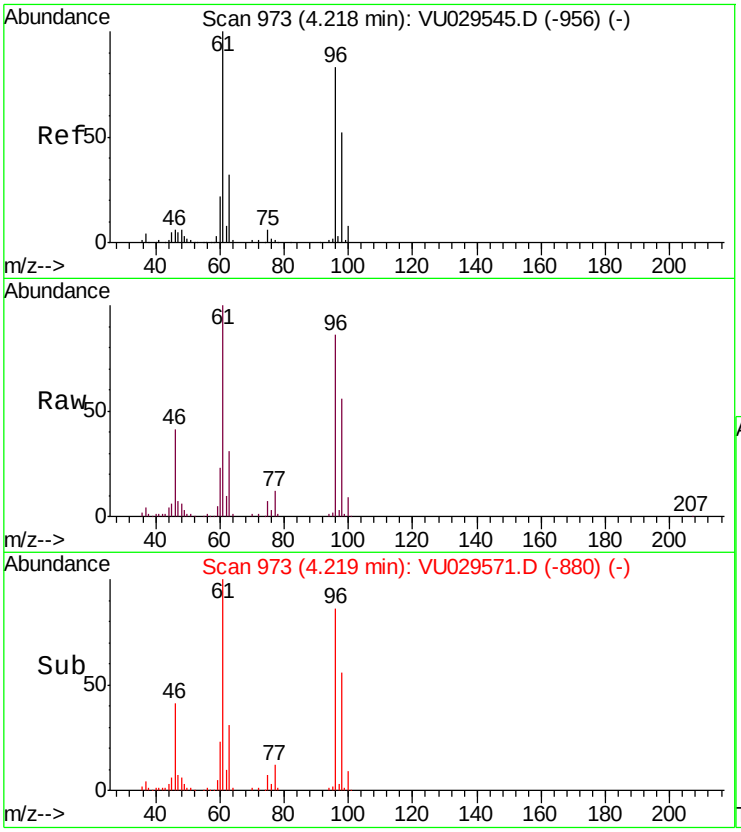


#21
2-Butanone
Concen: 55.438 ug/L
RT: 4.27 min Scan# 990
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 43 Resp: 192620

Ion	Ratio	Lower	Upper
43	100		
72	28.3	14.7	44.1



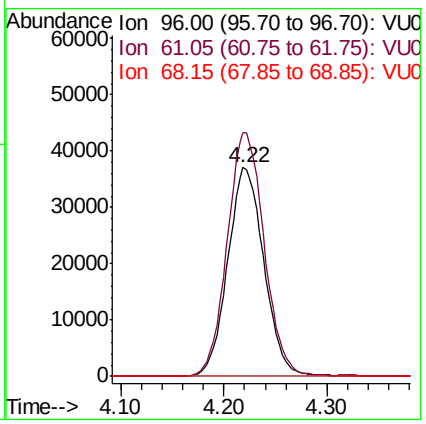


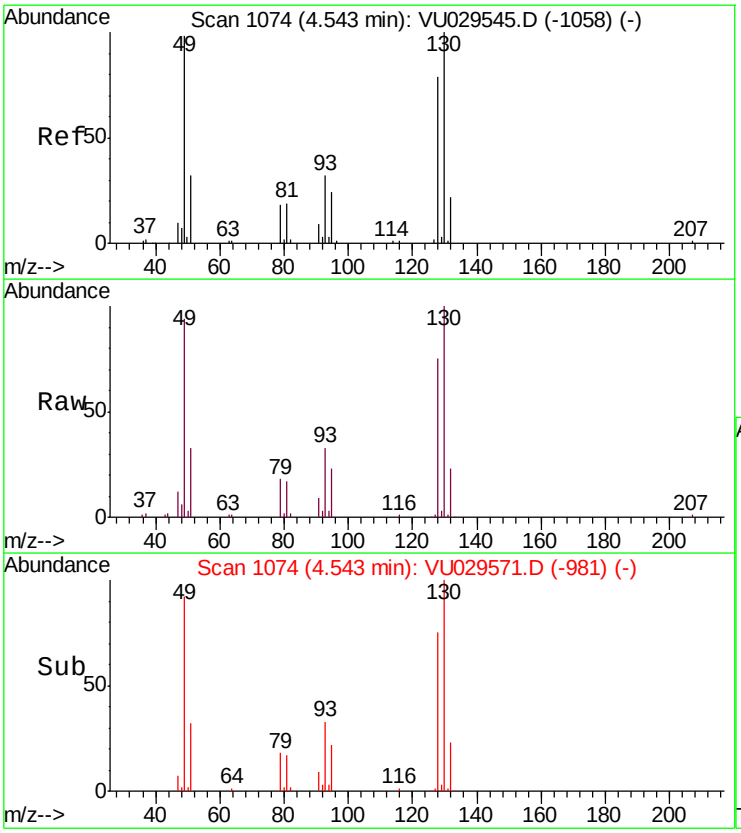
#22
cis-1,2-Dichloroethene
Concen: 5.064 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion: 96 Resp: 90571

Ion	Ratio	Lower	Upper
96	100		
61	116.6	79.9	148.5
68	0.0	0.0	0.0

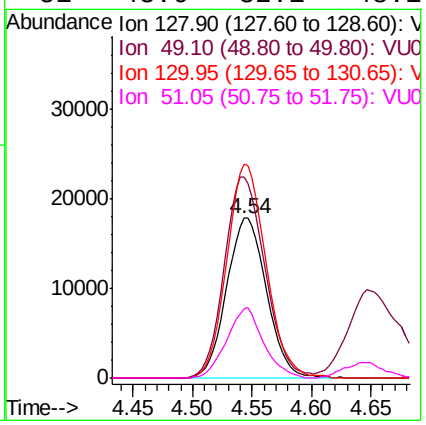


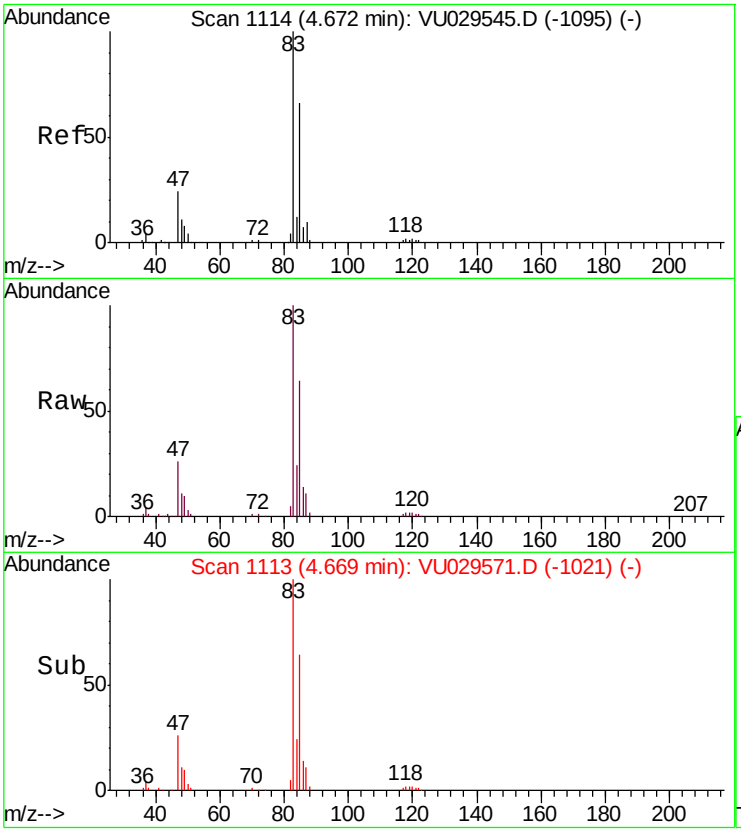


#23
Bromochloromethane
Concen: 5.134 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:128 Resp: 41448

Ion	Ratio	Lower	Upper
128	100		
49	125.8	89.0	165.4
130	133.5	88.0	163.4
51	43.6	32.1	48.1



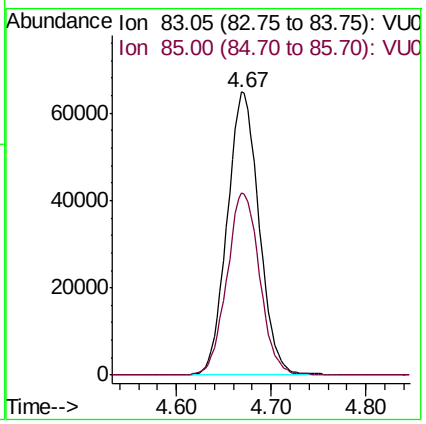


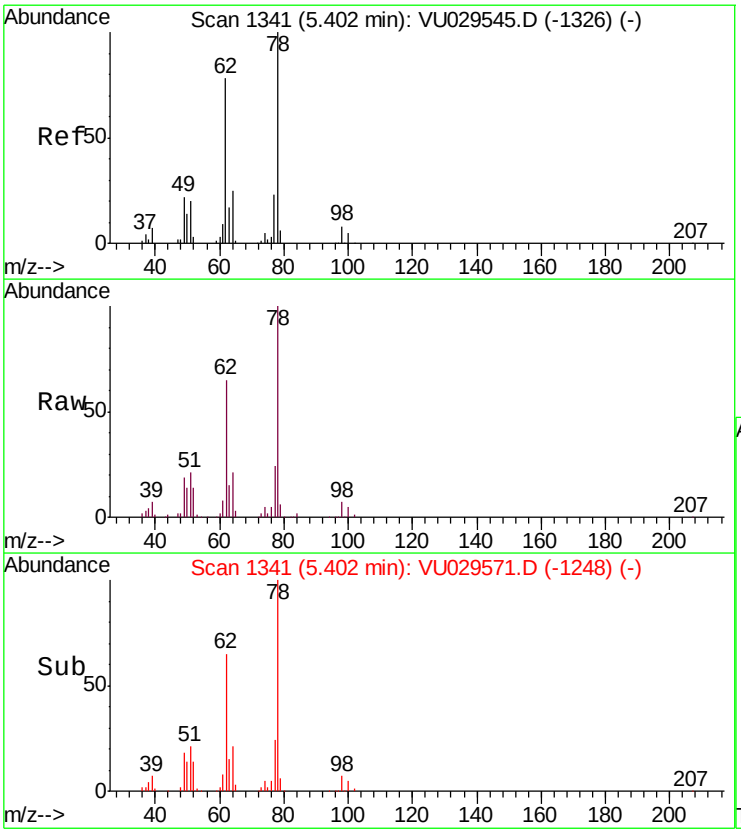
#25
Chloroform
Concen: 5.186 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 83 Resp: 152000

Ion	Ratio	Lower	Upper
83	100		
85	64.5	47.8	88.8

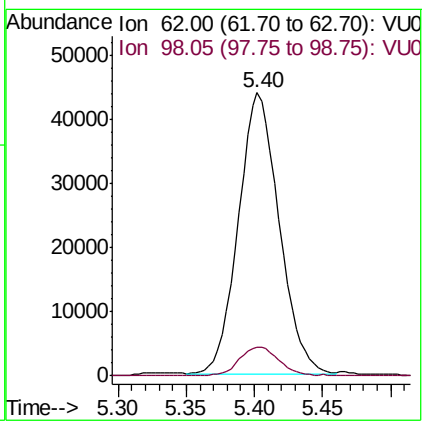


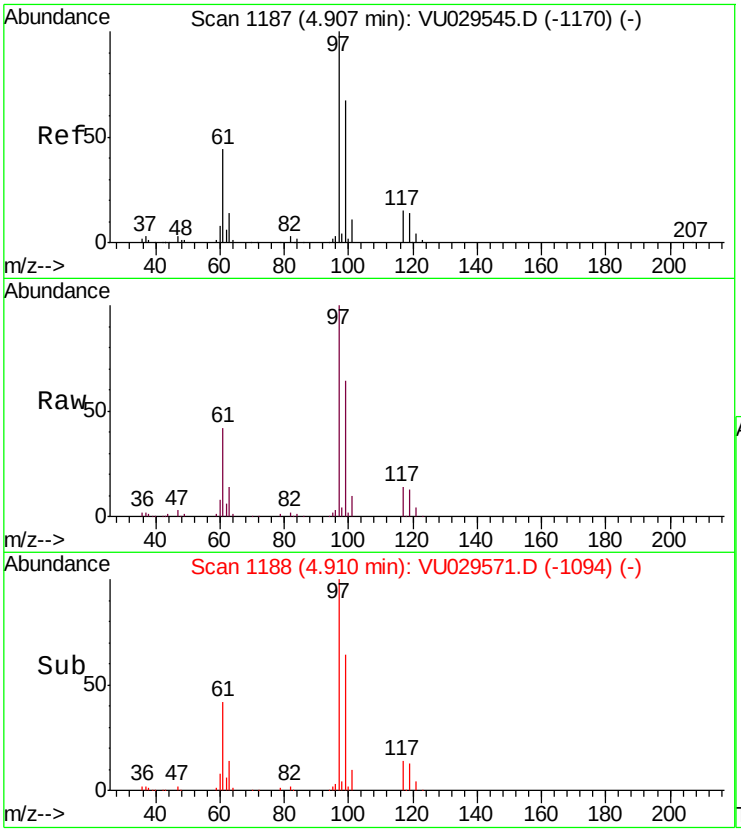


#27
1,2-Dichloroethane
Concen: 5.344 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 62 Resp: 90622

Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.4	12.6



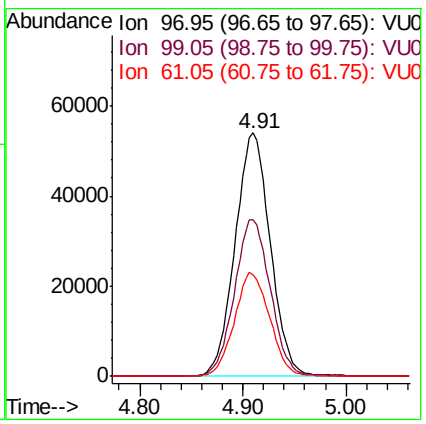


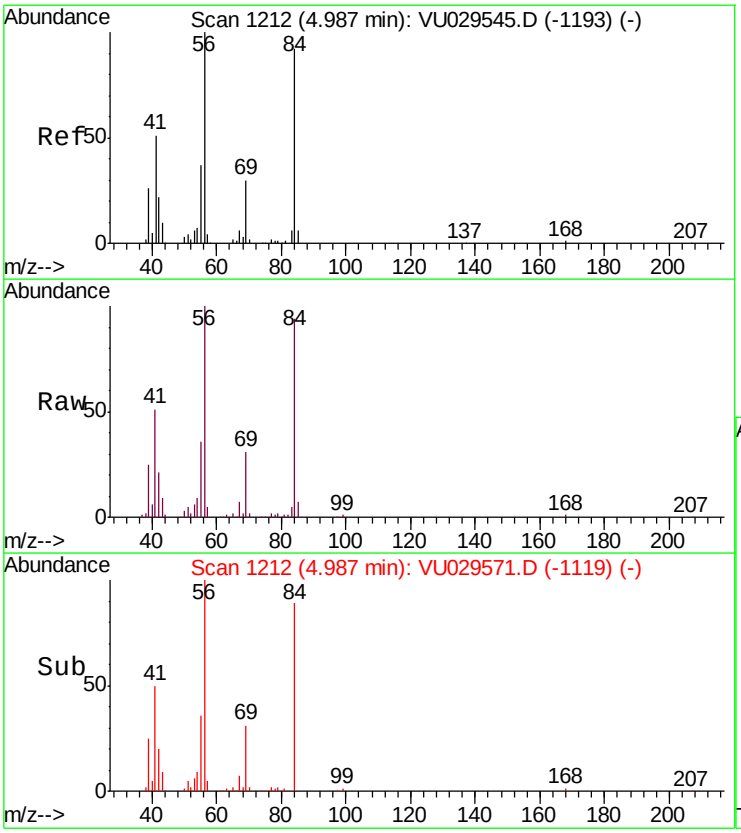
#29
1,1,1-Trichloroethane
Concen: 4.787 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion: 97 Resp: 128460

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.2	78.2
61	42.9	32.0	48.0

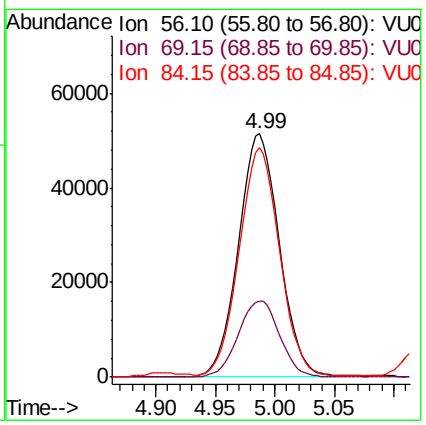


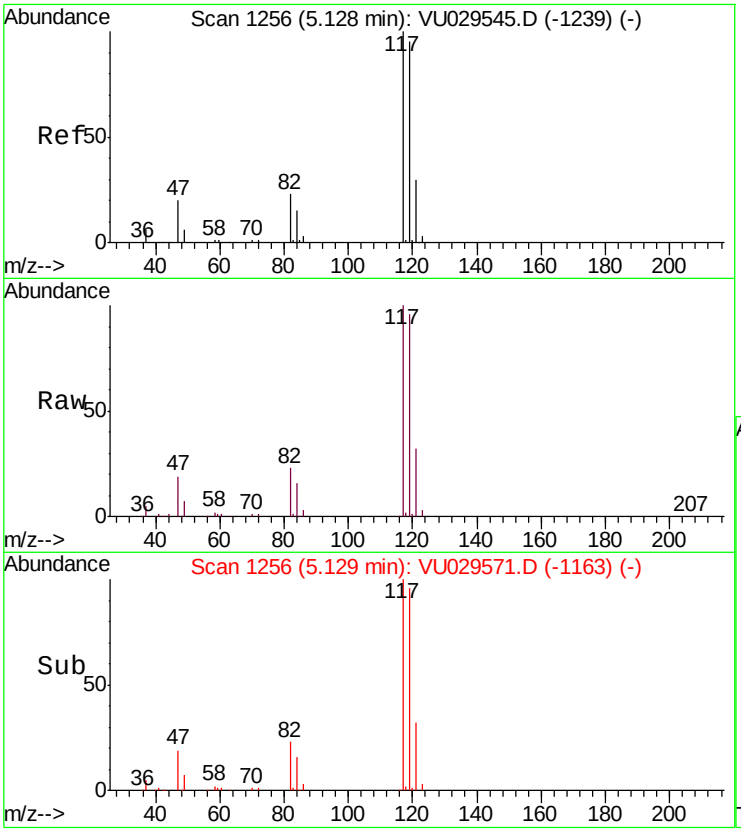


#30
Cyclohexane
Concen: 4.778 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 56 Resp: 122877

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.8	38.6
84	92.5	75.0	112.6



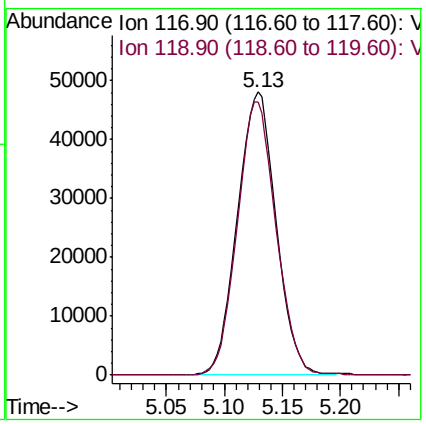


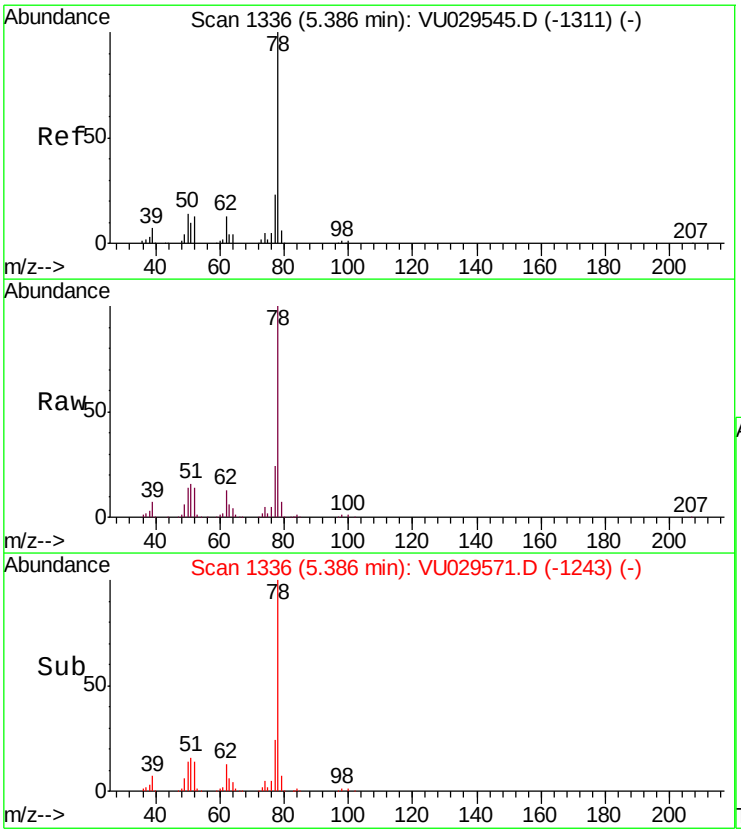
#31
Carbon tetrachloride
Concen: 4.599 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion:117 Resp: 111518

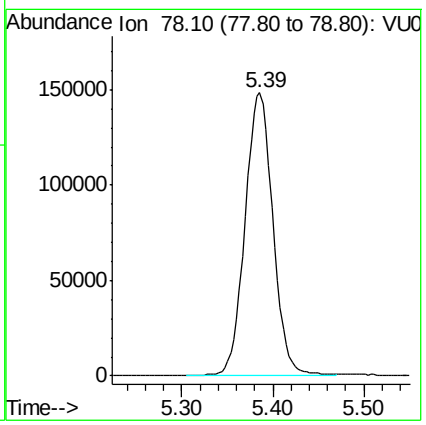
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.1	117.1

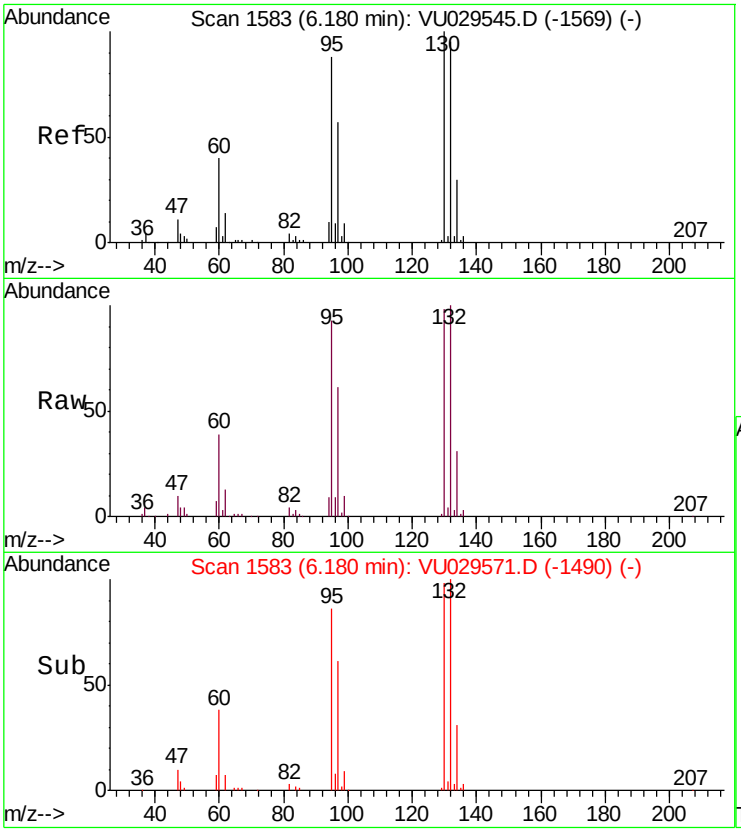




#33
Benzene
Concen: 4.973 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 78 Resp: 317555



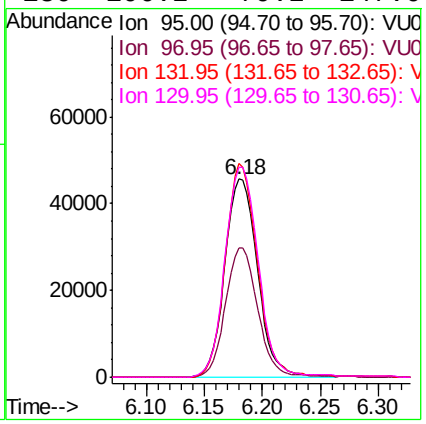


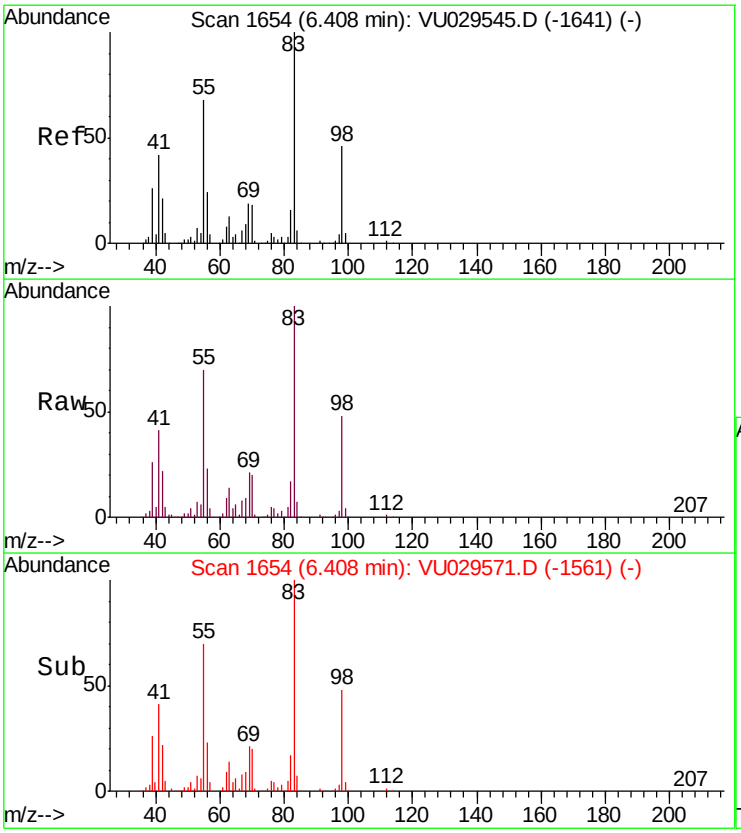
#34
Trichloroethene
Concen: 5.015 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 95 Resp: 90041

Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.3	86.1
132	107.9	72.9	135.3
130	106.2	79.2	147.0

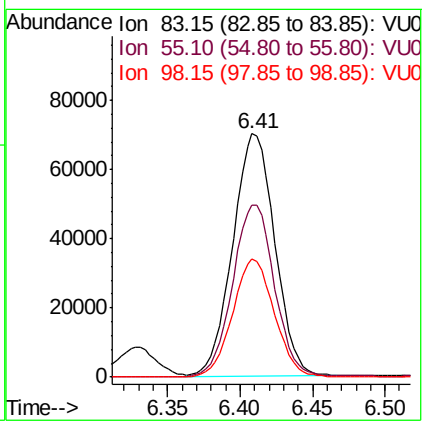


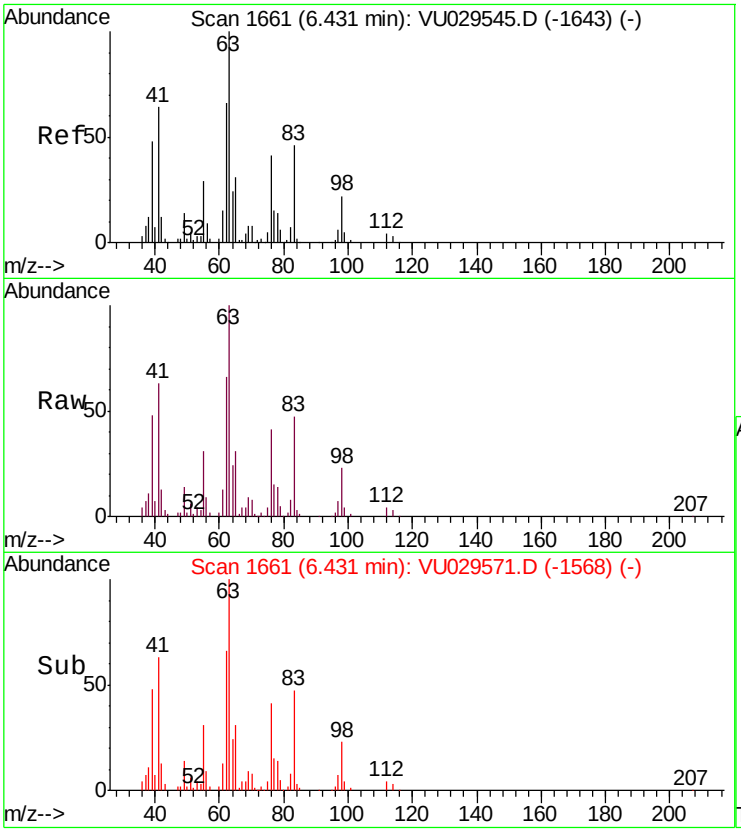


#35
Methylcyclohexane
Concen: 4.680 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 83 Resp: 141376

Ion	Ratio	Lower	Upper
83	100		
55	70.9	55.9	83.9
98	48.4	38.6	57.8



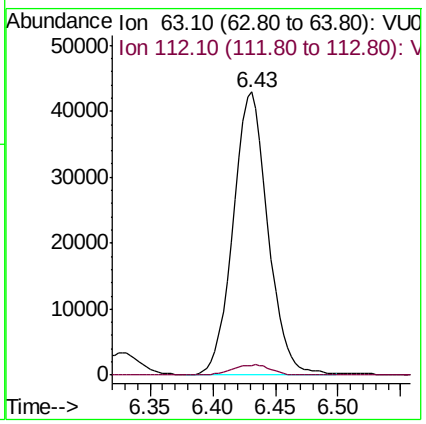


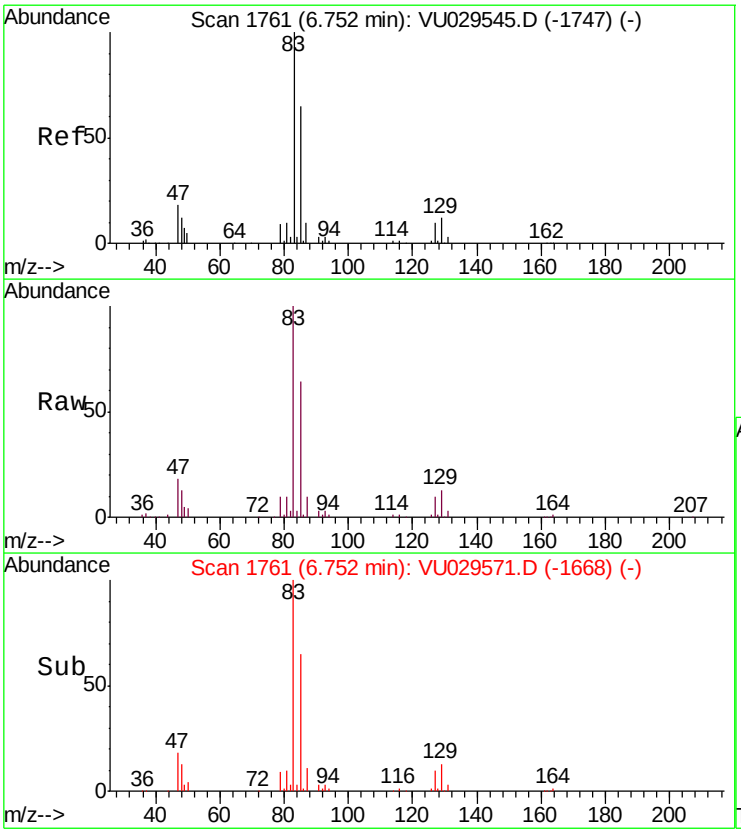
#37
1,2-Dichloropropane
Concen: 5.193 ug/L
RT: 6.43 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 63 Resp: 83068

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.5	5.3

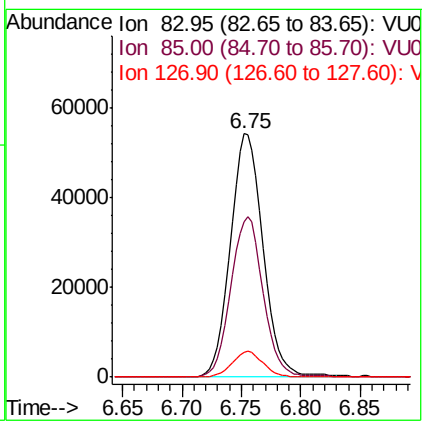


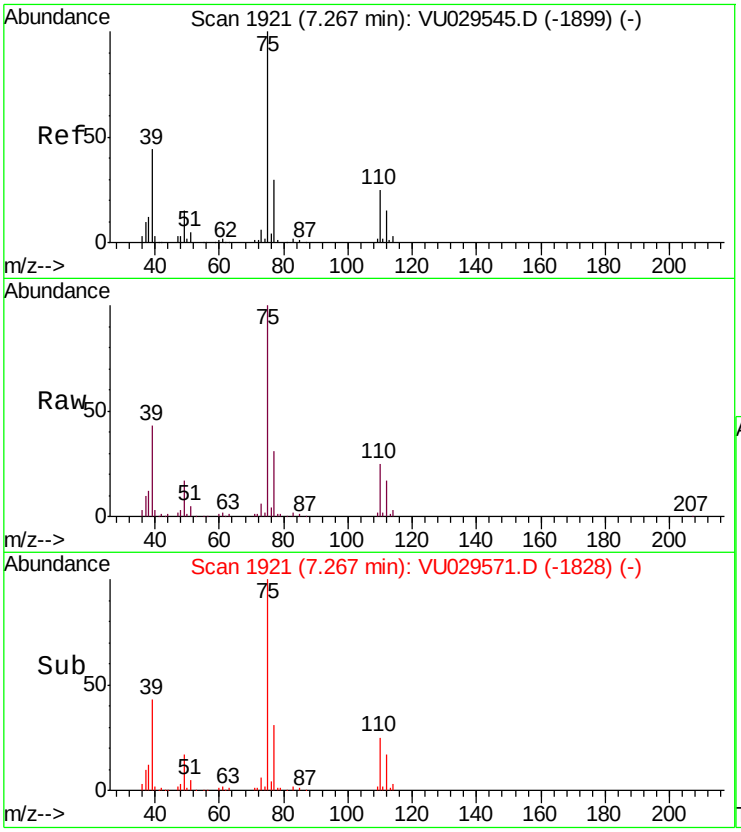


#38
Bromodichloromethane
Concen: 4.889 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 83 Resp: 103346

Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.1	83.7
127	10.0	7.8	11.8



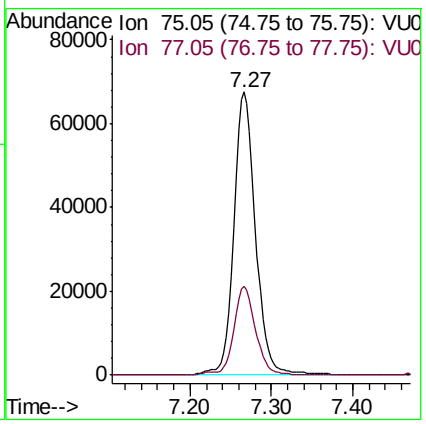


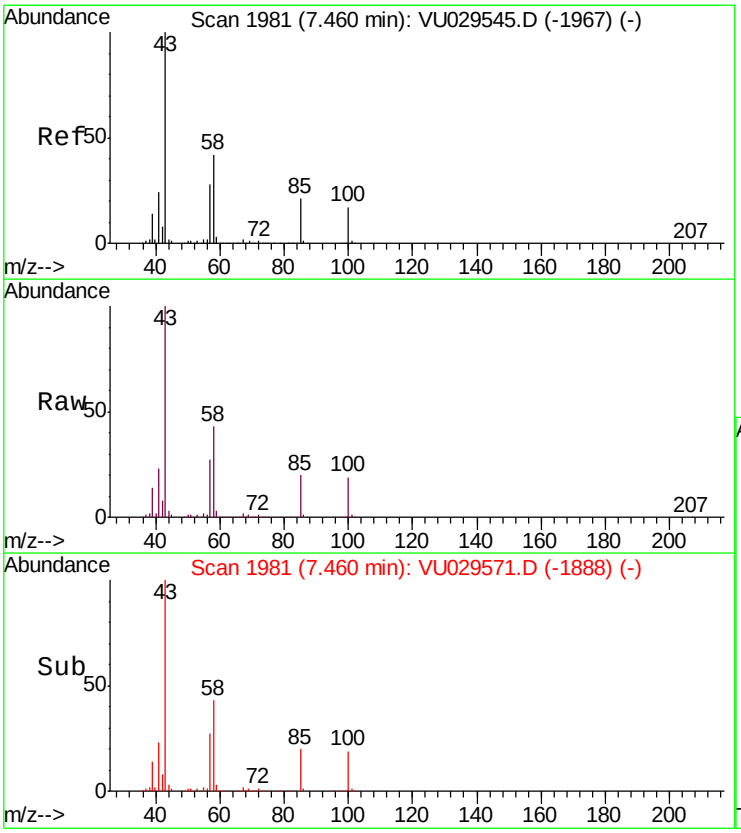
#39
cis-1,3-Dichloropropene
Concen: 4.982 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion: 75 Resp: 125432

Ion	Ratio	Lower	Upper
75	100		
77	31.5	22.3	41.3

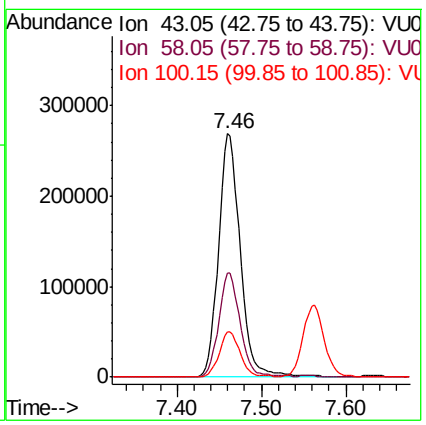


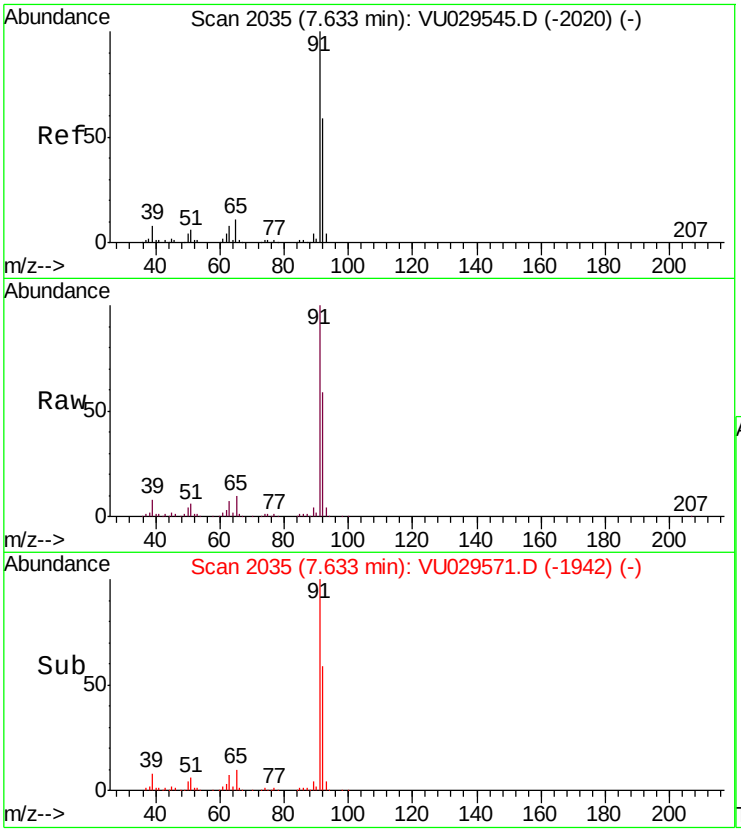


#40
4-Methyl-2-pentanone
Concen: 52.207 ug/L
RT: 7.46 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 43 Resp: 481367

Ion	Ratio	Lower	Upper
43	100		
58	42.2	33.4	50.2
100	18.2	14.4	21.6



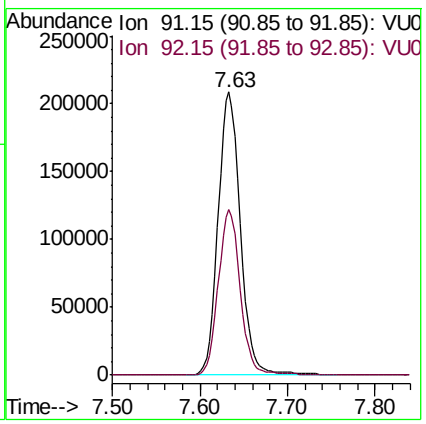


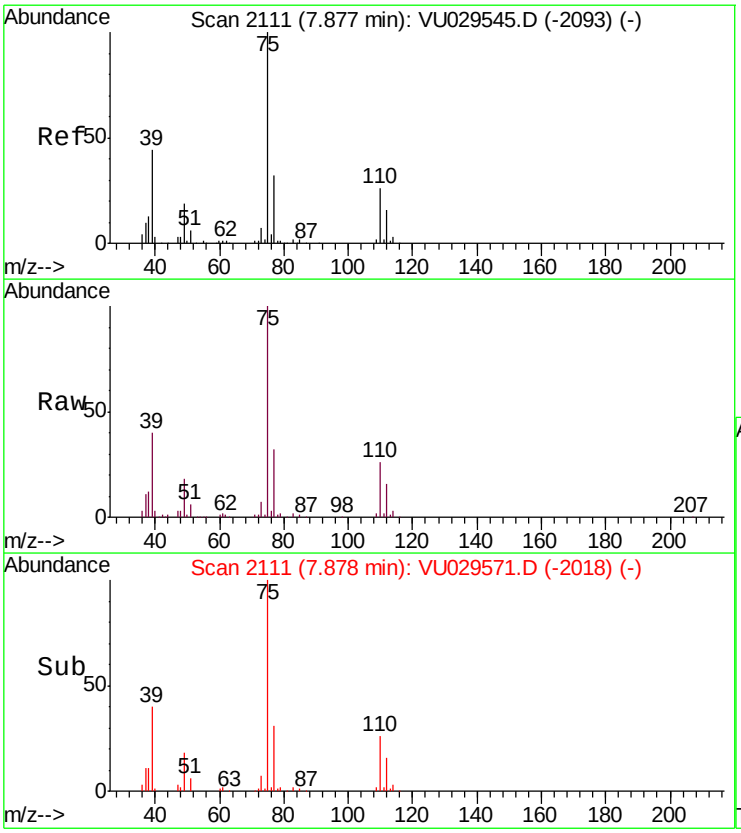
#42
Toluene
Concen: 5.159 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 91 Resp: 369756

Ion	Ratio	Lower	Upper
91	100		
92	58.6	39.8	73.8

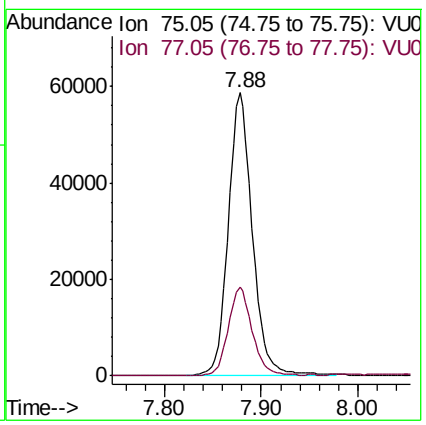


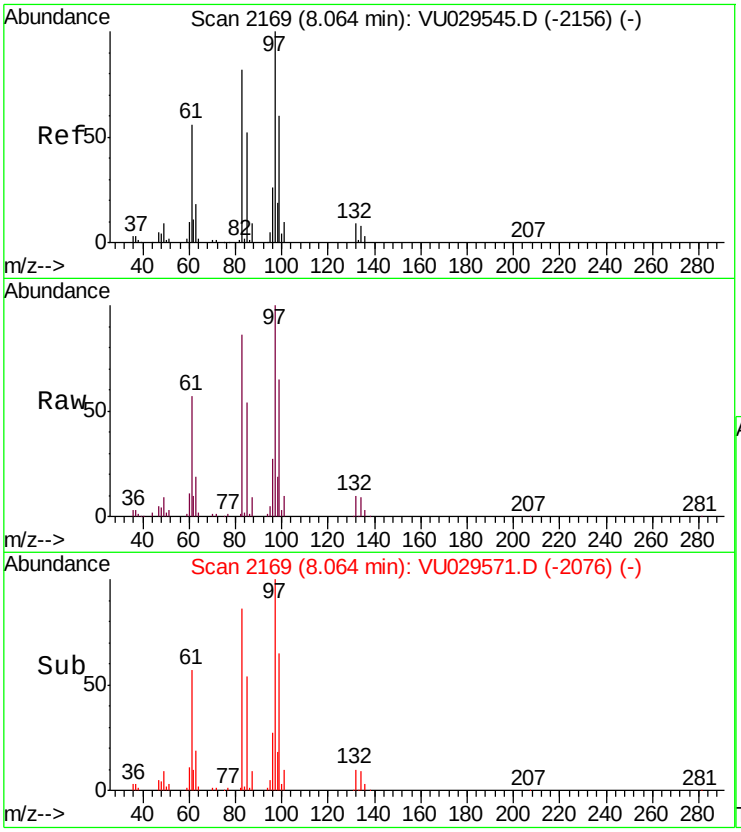


#44
trans-1,3-Dichloropropene
Concen: 4.924 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 75 Resp: 101808

Ion	Ratio	Lower	Upper
75	100		
77	31.5	22.2	41.2



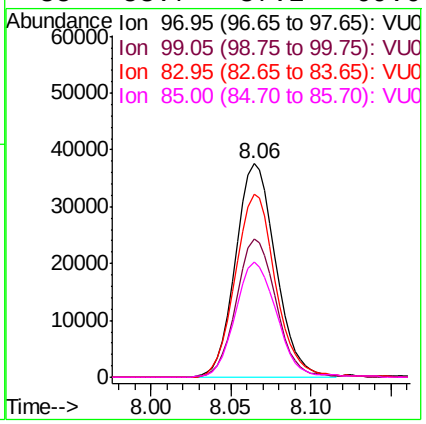


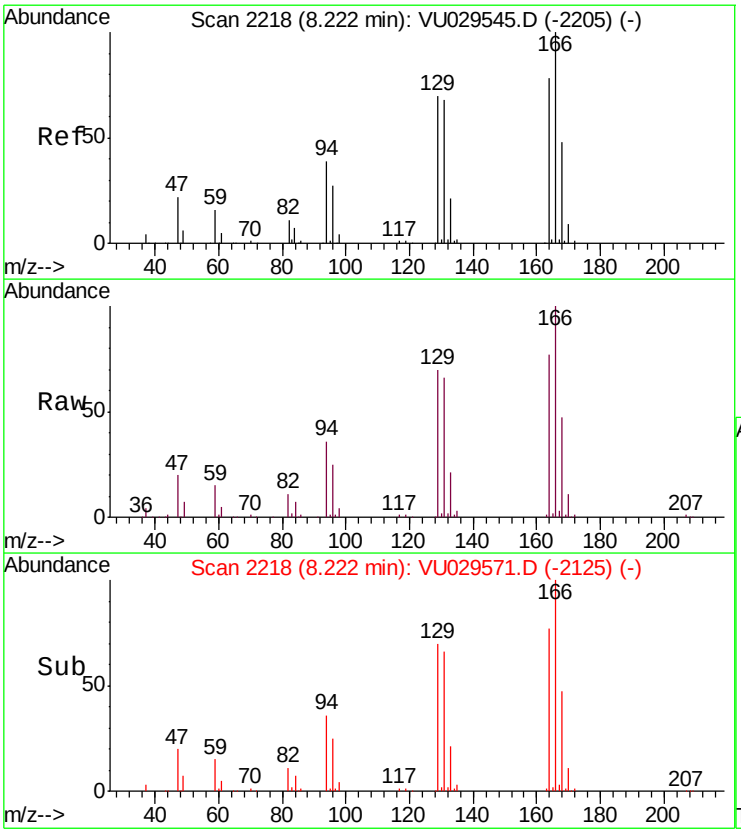
#45
1,1,2-Trichloroethane
Concen: 5.255 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 97 Resp: 64386

Ion	Ratio	Lower	Upper
97	100		
99	64.7	41.6	77.2
83	85.6	55.8	103.6
85	53.7	37.2	69.0

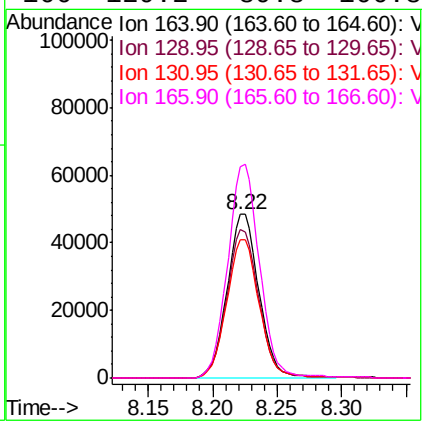


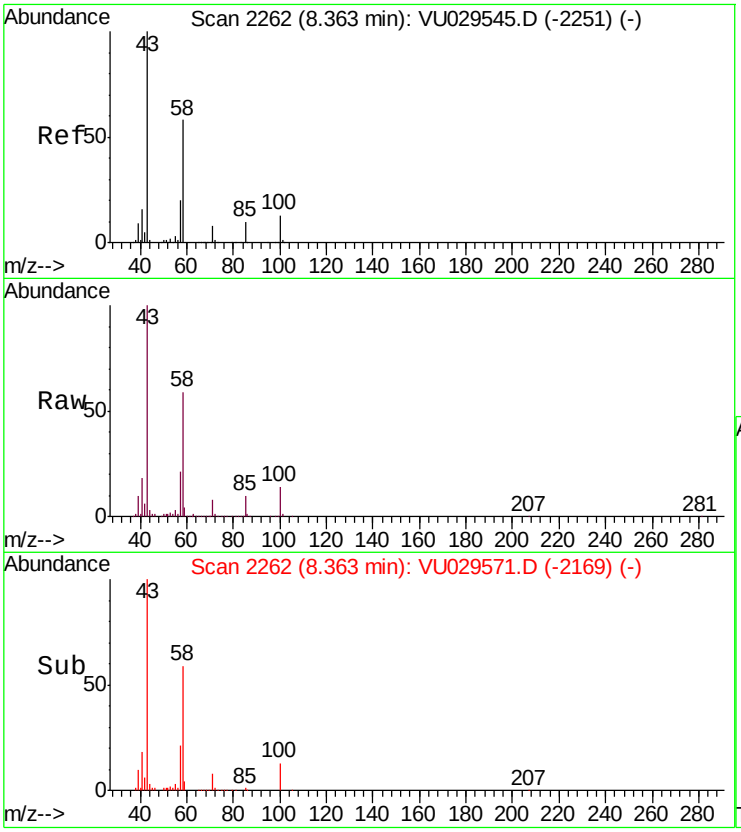


#47
Tetrachloroethene
Concen: 5.053 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:164 Resp: 83113

Ion	Ratio	Lower	Upper
164	100		
129	90.6	62.9	116.9
131	84.8	62.1	115.3
166	129.2	89.8	166.8



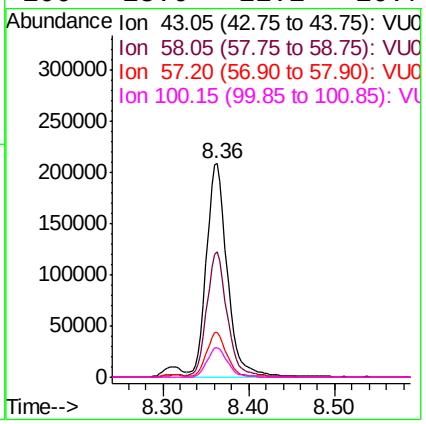


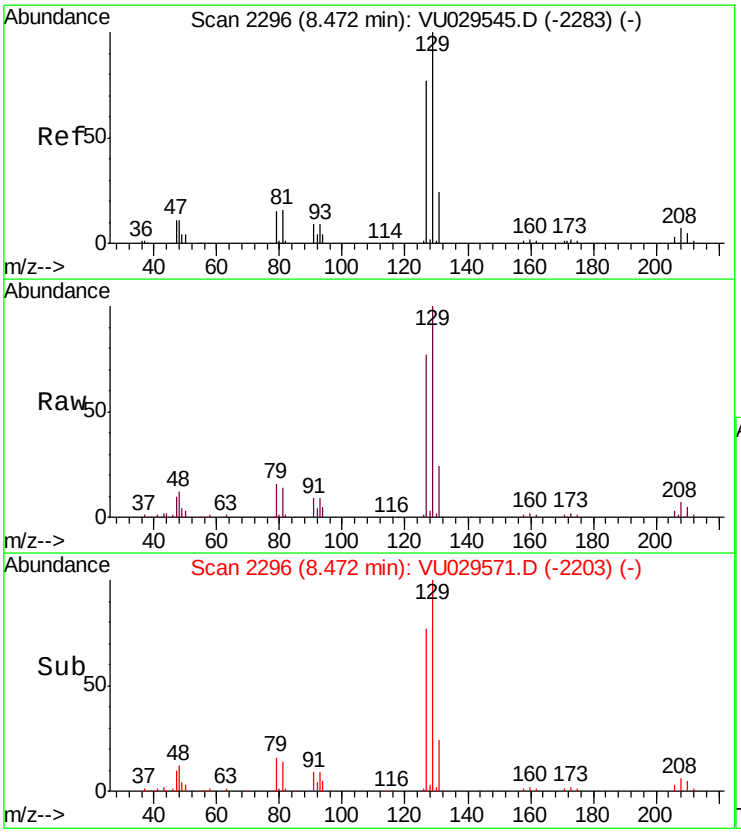
#48
2-Hexanone
Concen: 52.744 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 43 Resp: 354441

Ion	Ratio	Lower	Upper
43	100		
58	57.7	45.7	68.5
57	20.5	16.4	24.6
100	13.6	11.1	16.7

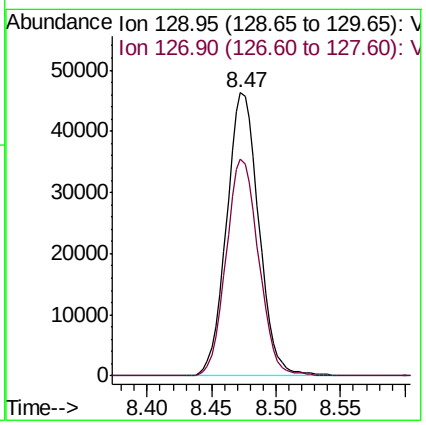


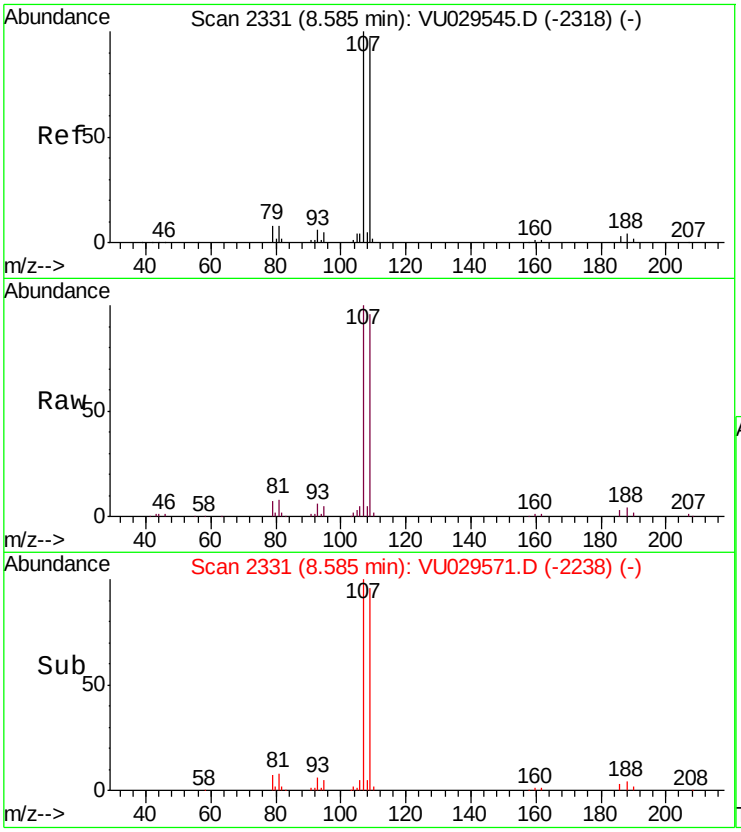


#49
Dibromochloromethane
Concen: 4.875 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:129 Resp: 80502

Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.3	99.1



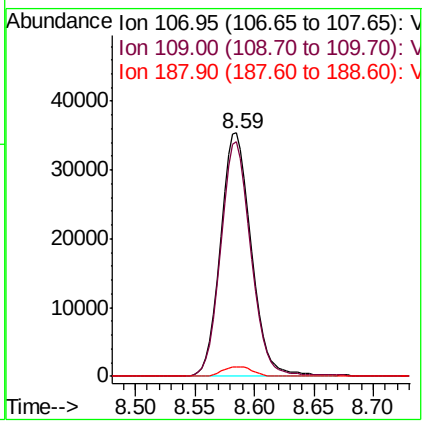


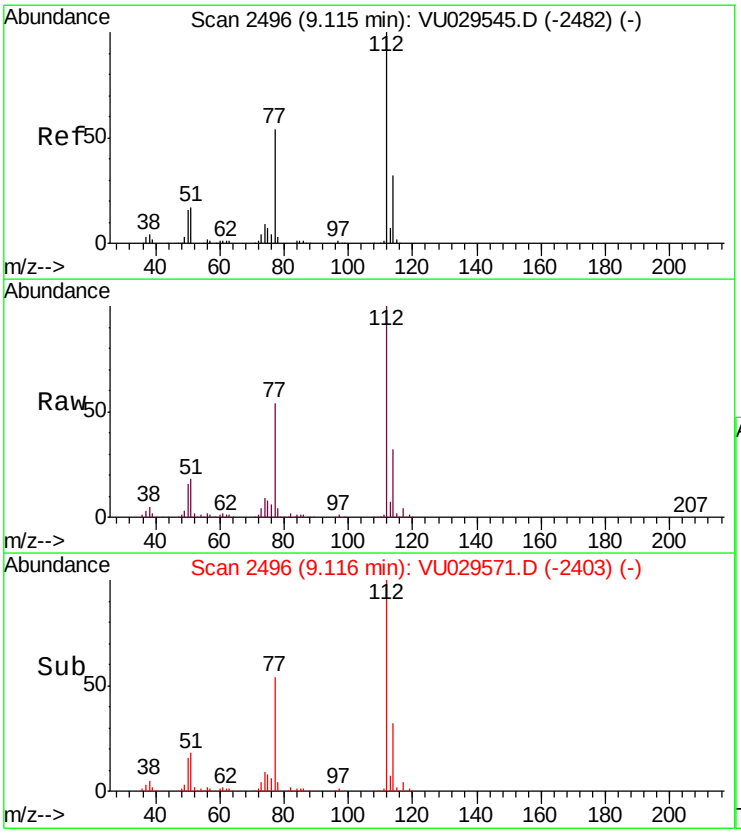
#50
1,2-Dibromoethane
Concen: 5.237 ug/L
RT: 8.59 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion:107 Resp: 63498

Ion	Ratio	Lower	Upper
107	100		
109	96.5	64.1	119.1
188	4.0	3.7	5.5

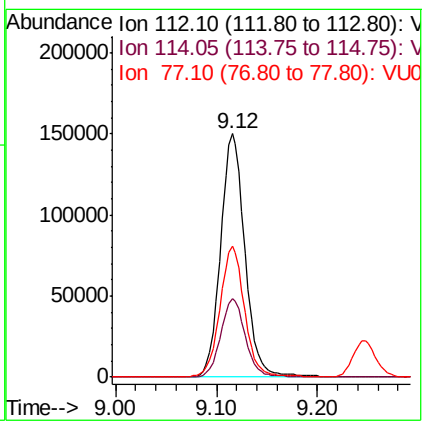


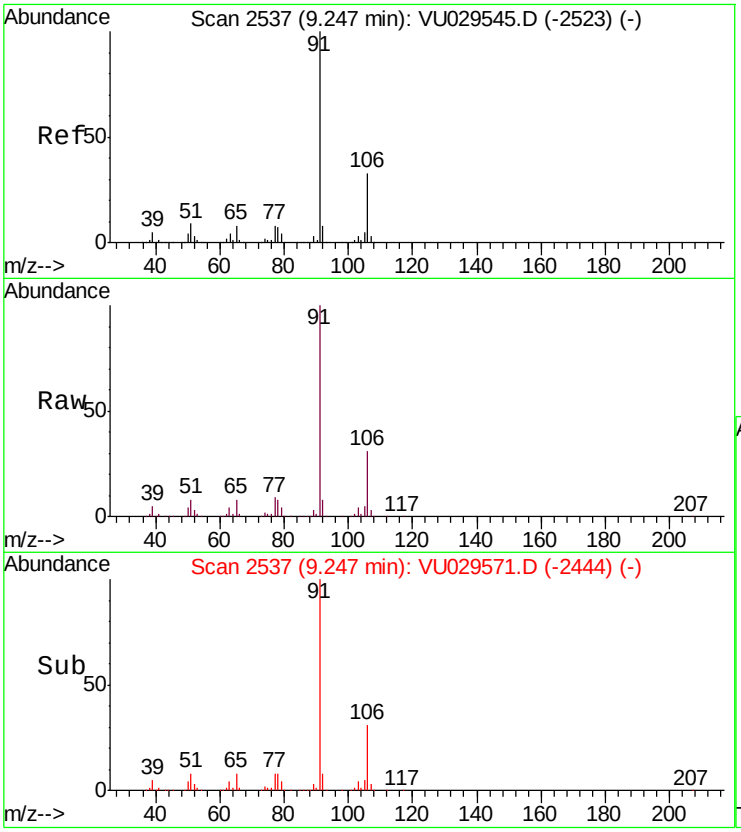


#51
Chlorobenzene
Concen: 5.136 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:112 Resp: 253183

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.9	42.5
77	53.7	41.8	62.6



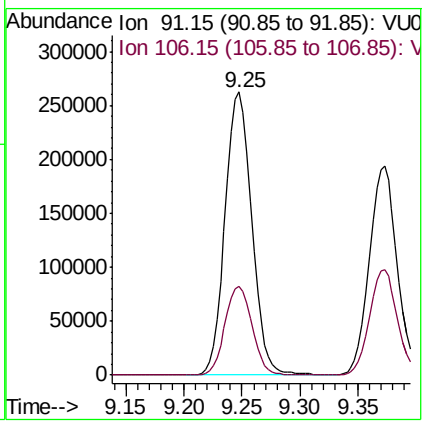


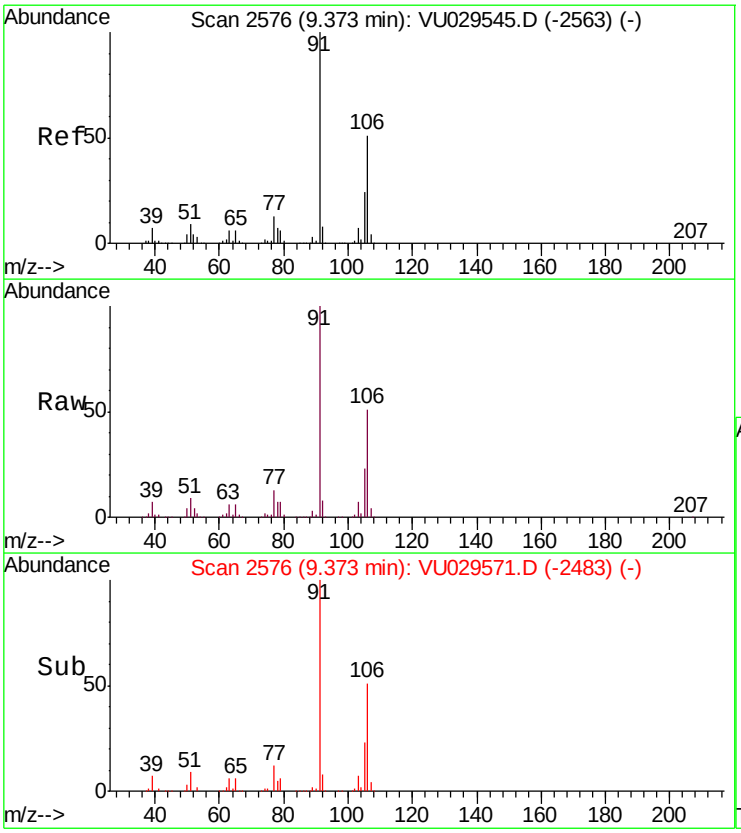
#52
Ethylbenzene
Concen: 5.181 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 91 Resp: 420493

Ion	Ratio	Lower	Upper
91	100		
106	31.4	22.8	42.4

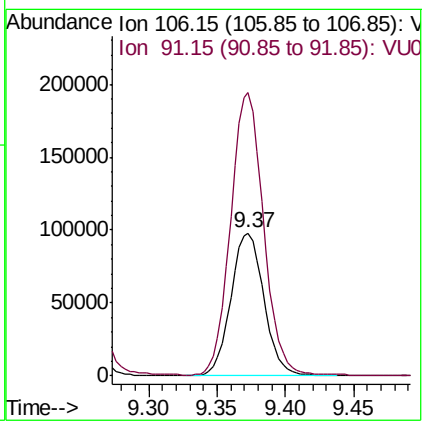


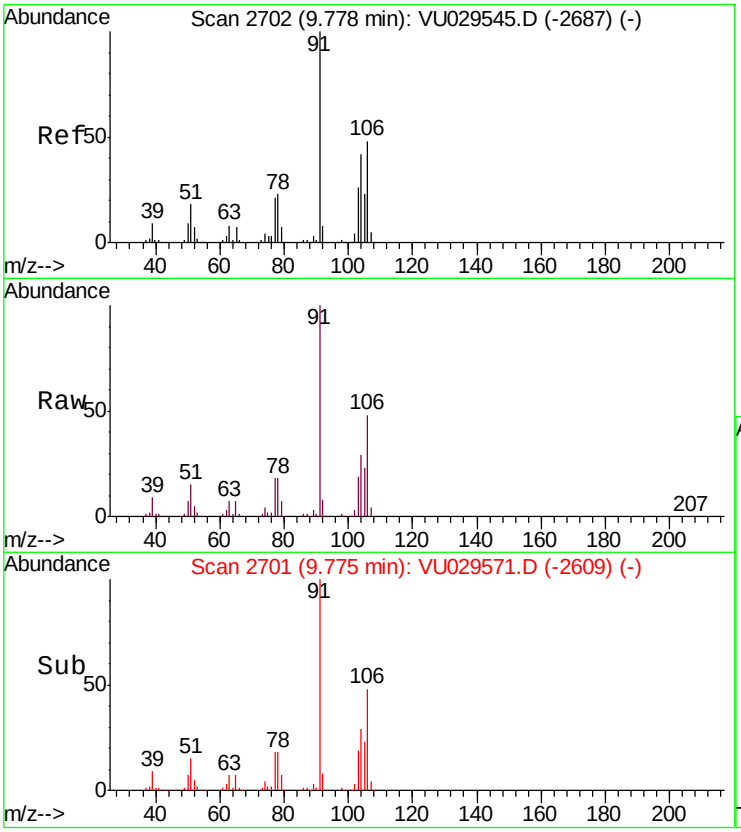


#53
m,p-xylene
Concen: 5.060 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:106 Resp: 163779

Ion	Ratio	Lower	Upper
106	100		
91	197.7	135.7	251.9



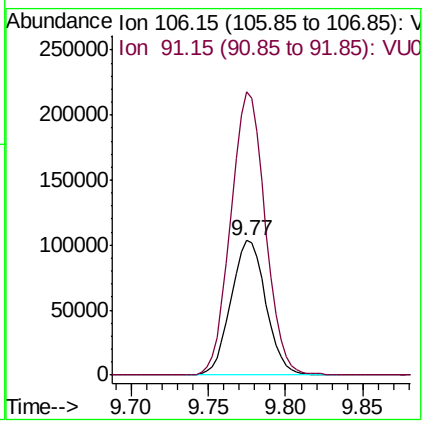


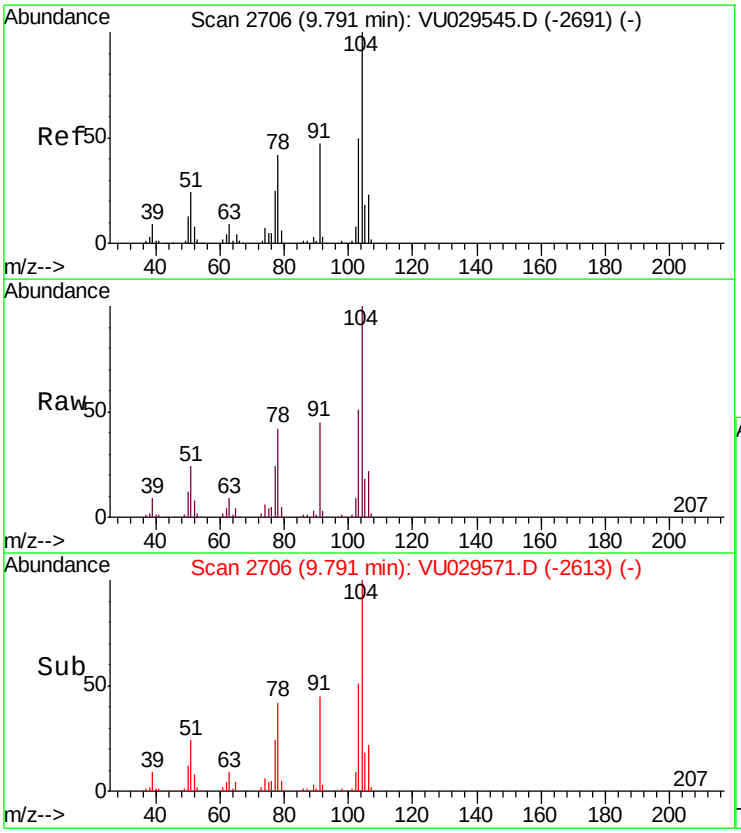
#54
o-xylene
Concen: 5.112 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion:106 Resp: 162400

Ion	Ratio	Lower	Upper
106	100		
91	210.1	145.1	269.5

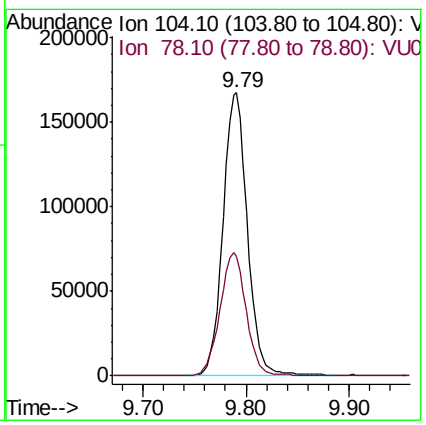


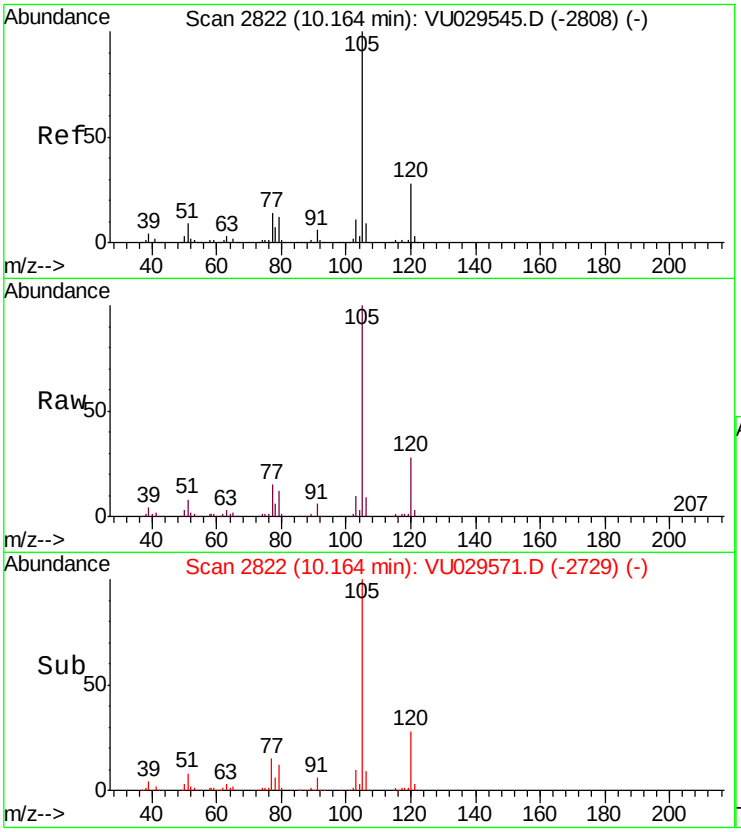


#55
Styrene
Concen: 5.233 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:104 Resp: 276013

Ion	Ratio	Lower	Upper
104	100		
78	42.0	30.5	56.7



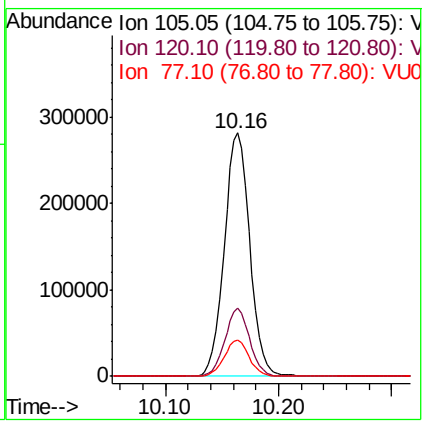


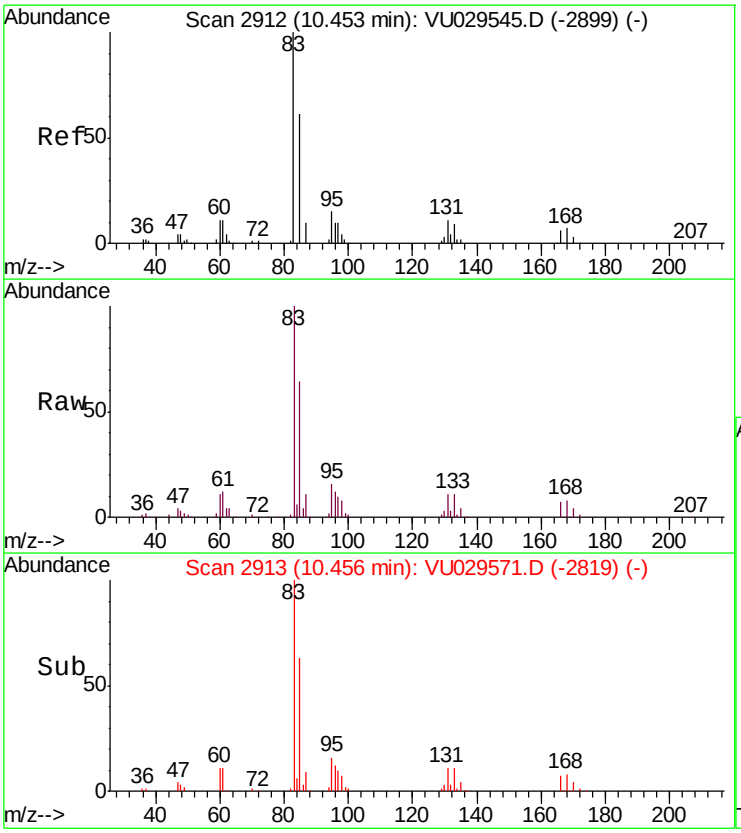
#56
Isopropylbenzene
Concen: 5.251 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion:105 Resp: 439969

Ion	Ratio	Lower	Upper
105	100		
120	27.3	22.2	33.4
77	14.7	11.5	17.3

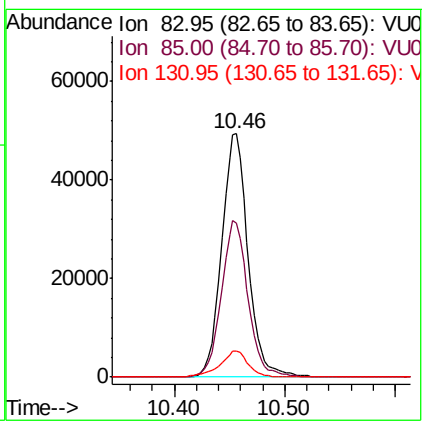


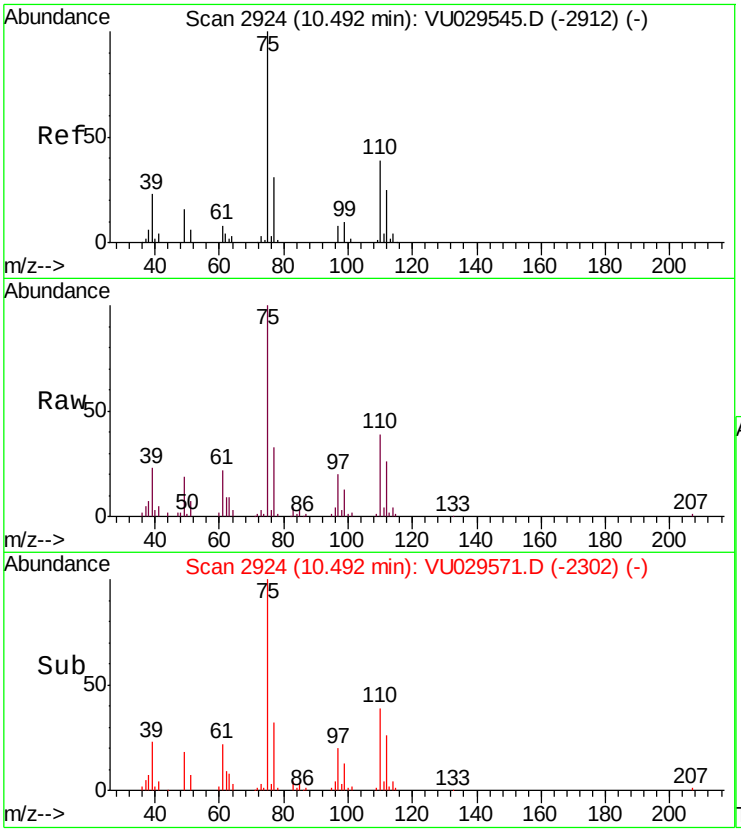


#58
1,1,2,2-Tetrachloroethane
Concen: 5.456 ug/L
RT: 10.46 min Scan# 2913
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 83 Resp: 81588

Ion	Ratio	Lower	Upper
83	100		
85	63.5	46.5	86.3
131	10.9	8.3	12.5



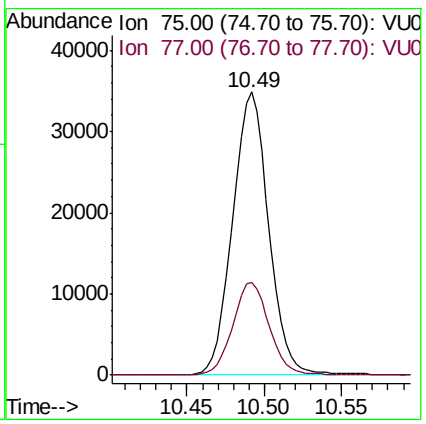


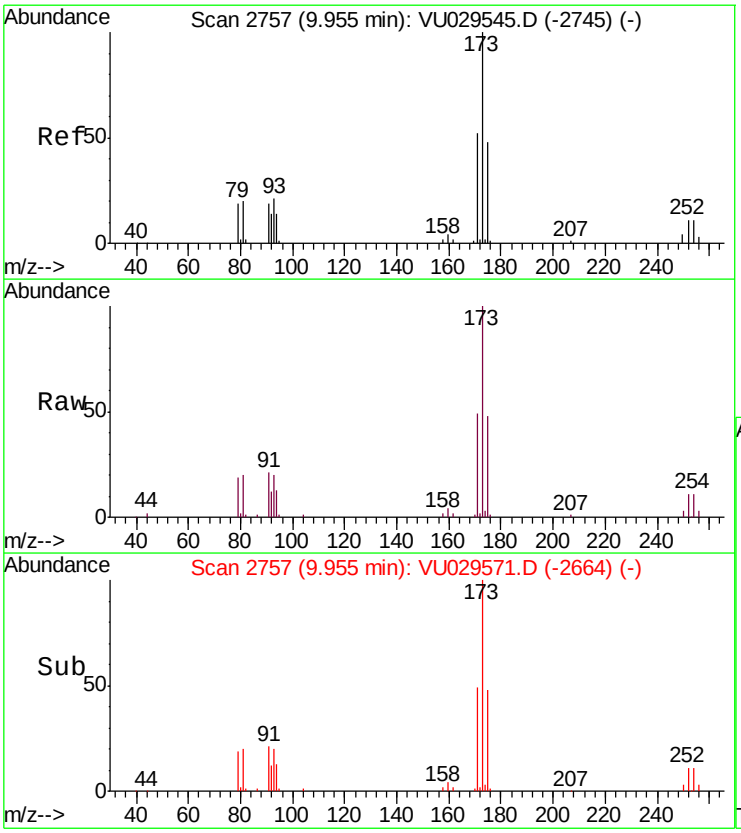
#59
1,2,3-Trichloropropane
Concen: 5.479 ug/L
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion: 75 Resp: 56218

Ion	Ratio	Lower	Upper
75	100		
77	33.1	28.2	42.2

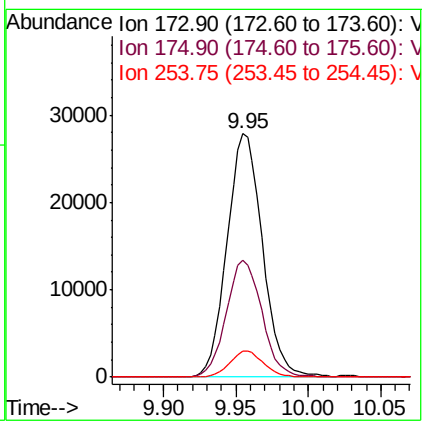


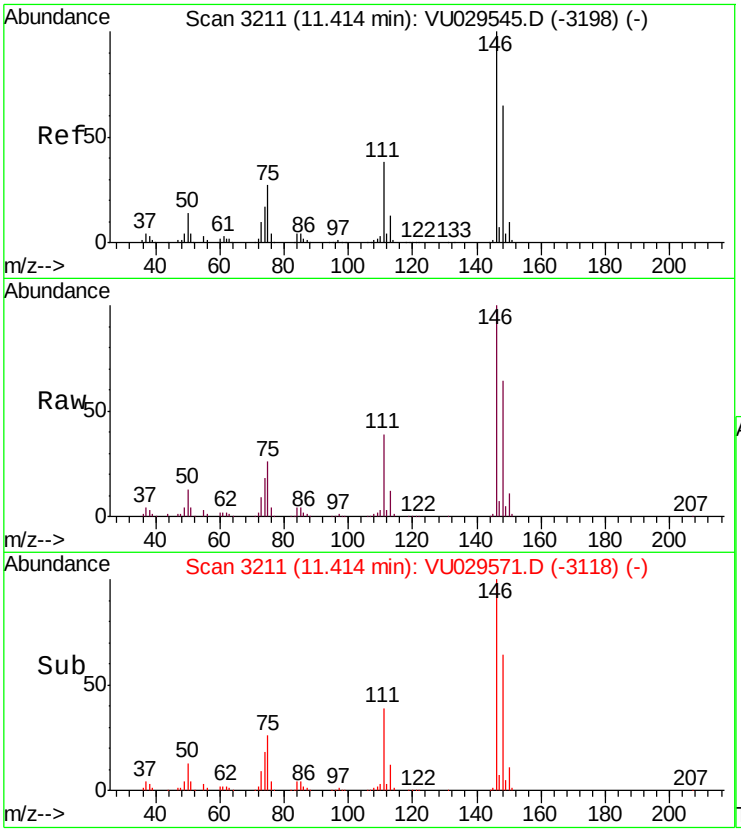


#61
Bromoform
Concen: 4.564 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:173 Resp: 47383

Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.2	58.8
254	10.0	7.8	11.6



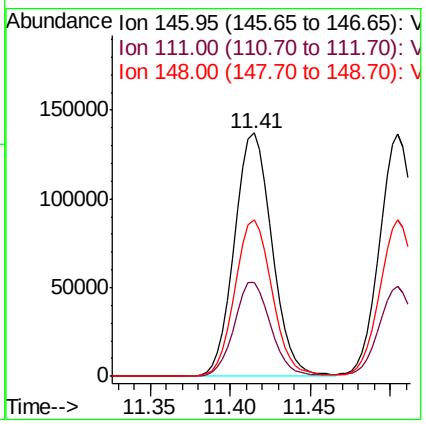


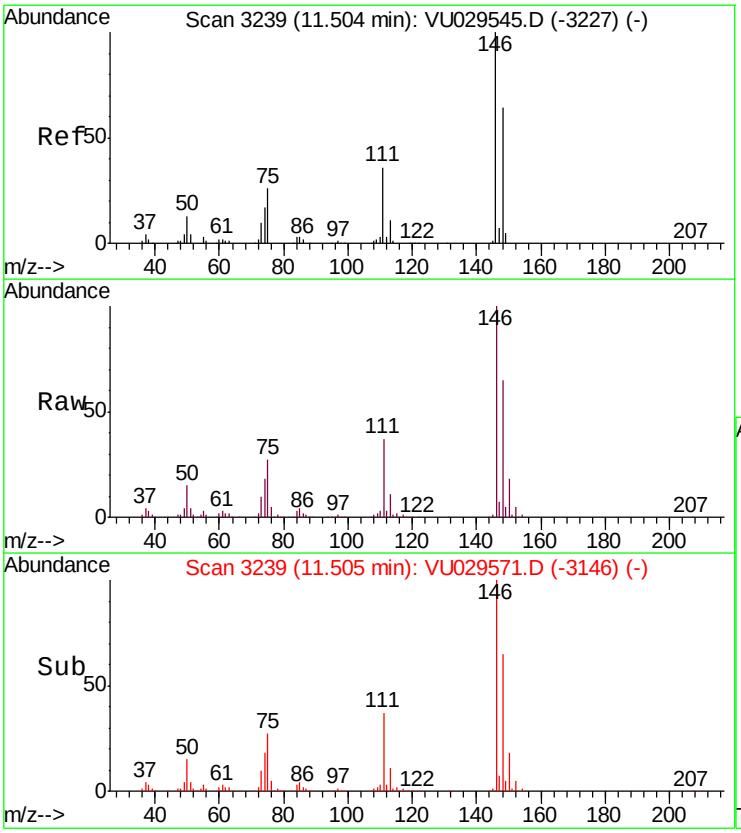
#62
1,3-Dichlorobenzene
Concen: 5.051 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion:146 Resp: 219453

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.1	48.5
148	64.5	44.7	82.9

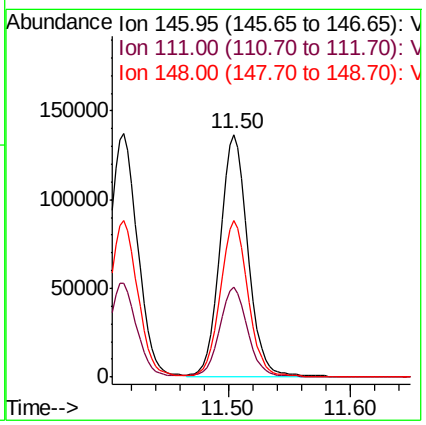


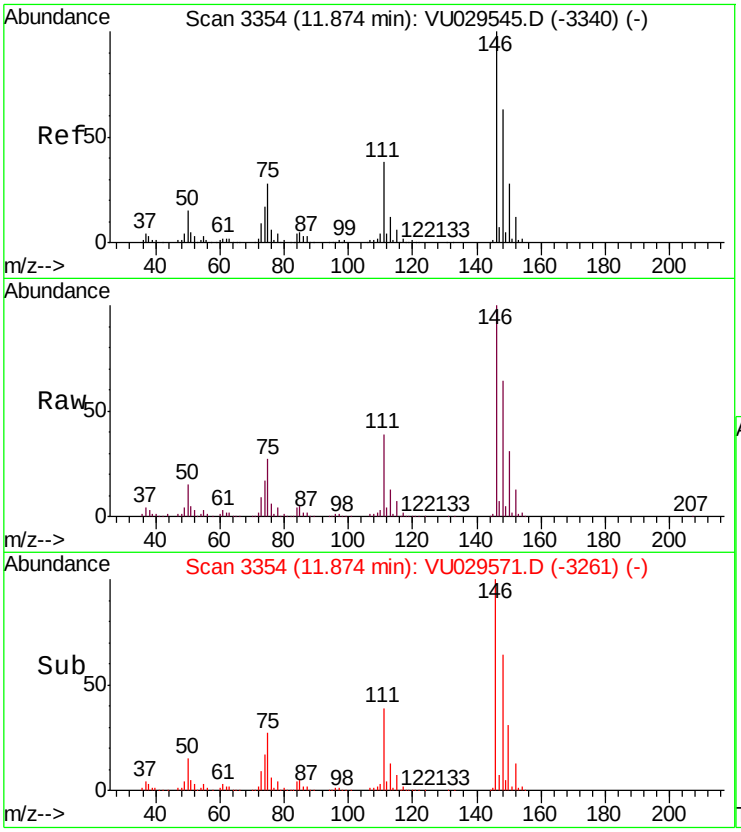


#63
1,4-Dichlorobenzene
Concen: 5.049 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:146 Resp: 219056

Ion	Ratio	Lower	Upper
146	100		
111	37.0	25.6	47.6
148	64.5	44.2	82.0



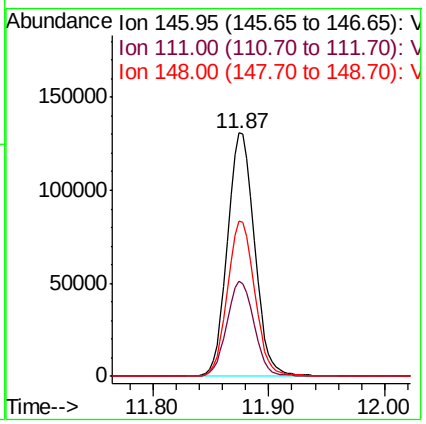


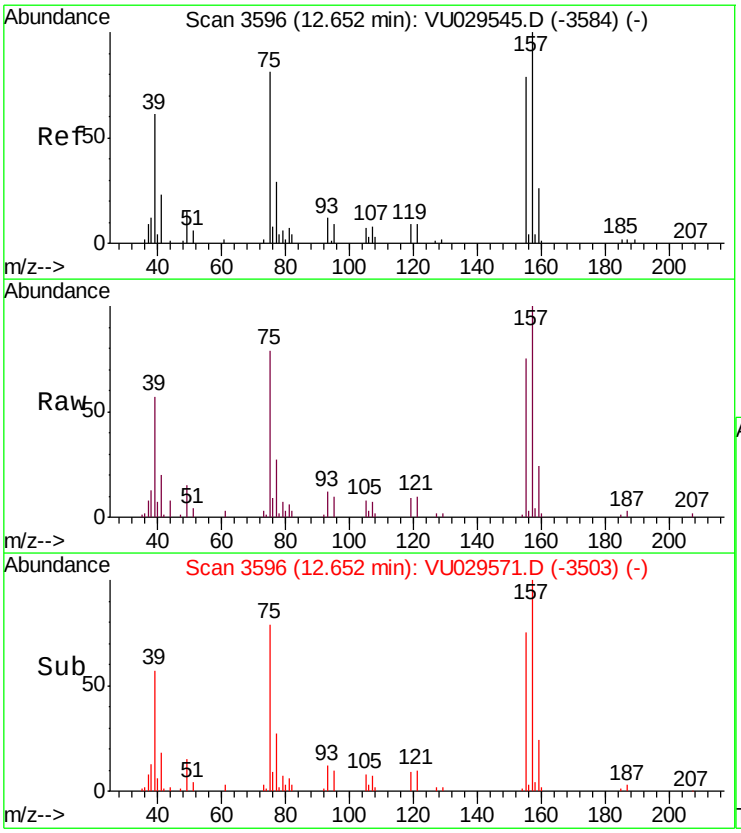
#65
1,2-Dichlorobenzene
Concen: 5.151 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument : MSVOA_U
ClientSampleId : VSTD00544

Tgt Ion:146 Resp: 210869

Ion	Ratio	Lower	Upper
146	100		
111	38.9	30.9	46.3
148	63.8	51.0	76.4

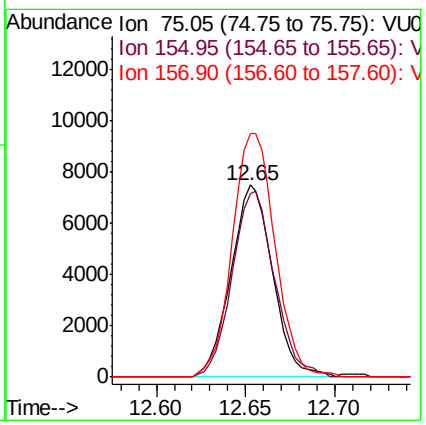


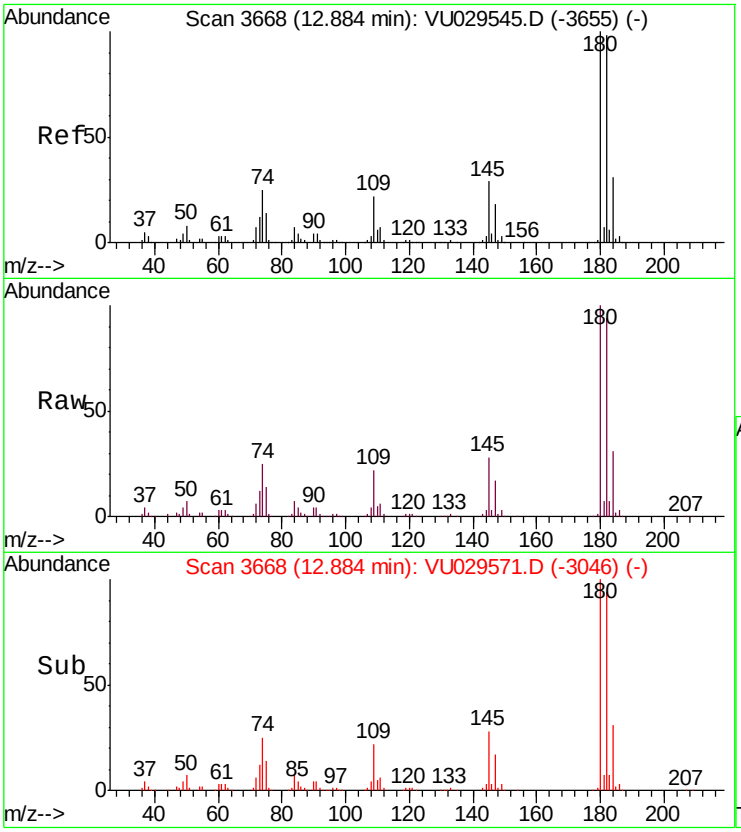


#66
1,2-Dibromo-3-chloropropane
Concen: 4.787 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion: 75 Resp: 12260

Ion	Ratio	Lower	Upper
75	100		
155	95.6	75.3	112.9
157	126.9	103.0	154.4



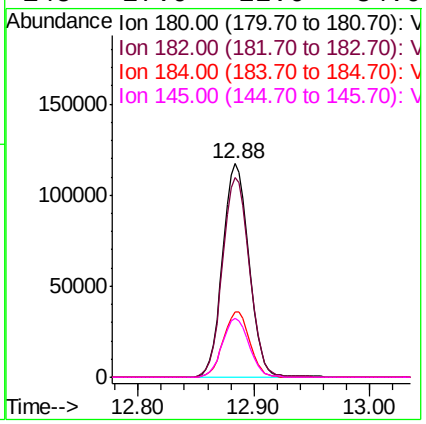


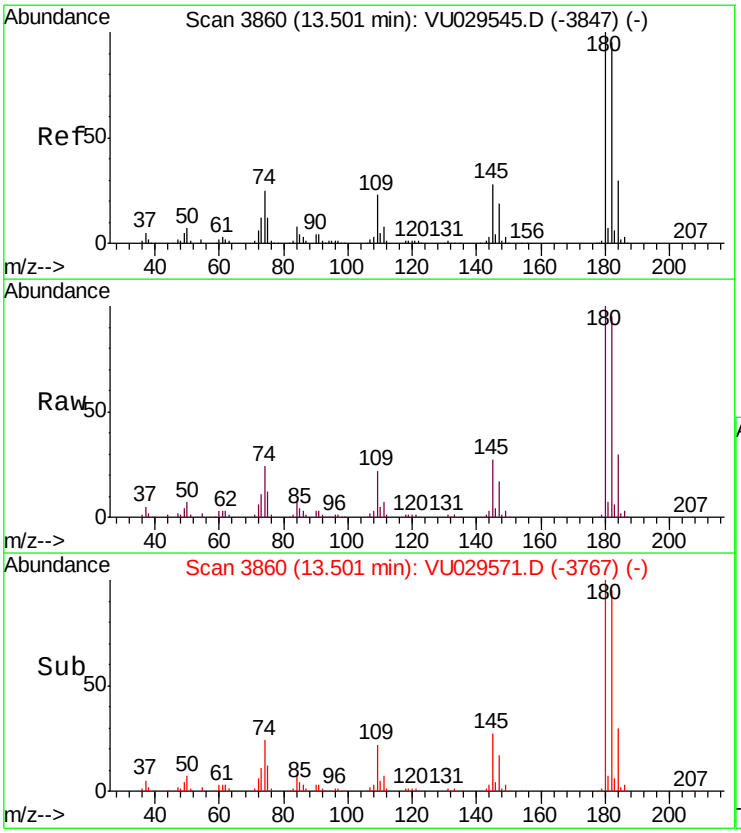
#67
1,3,5-Trichlorobenzene
Concen: 5.098 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion:180 Resp: 183767

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
184	30.8	24.1	36.1
145	27.9	22.6	34.0

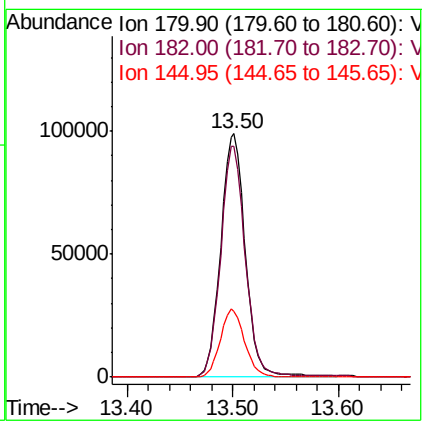


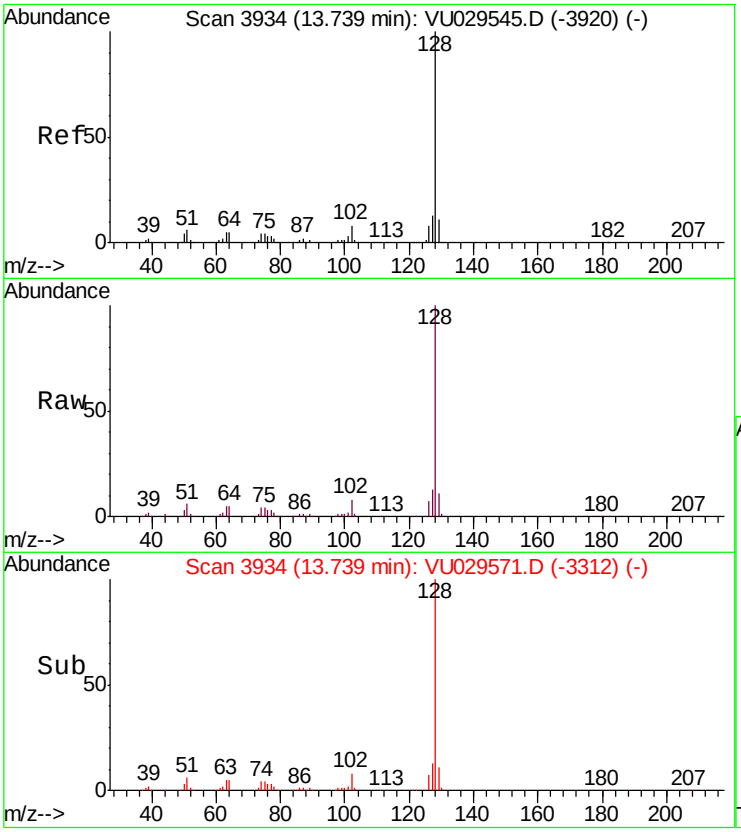


#68
1,2,4-trichlorobenzene
Concen: 5.261 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:180 Resp: 159743

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.1	115.7
145	27.6	23.1	34.7



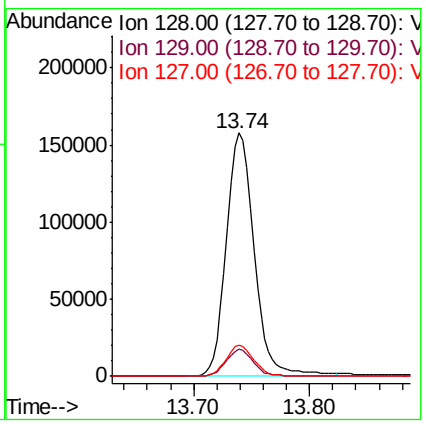


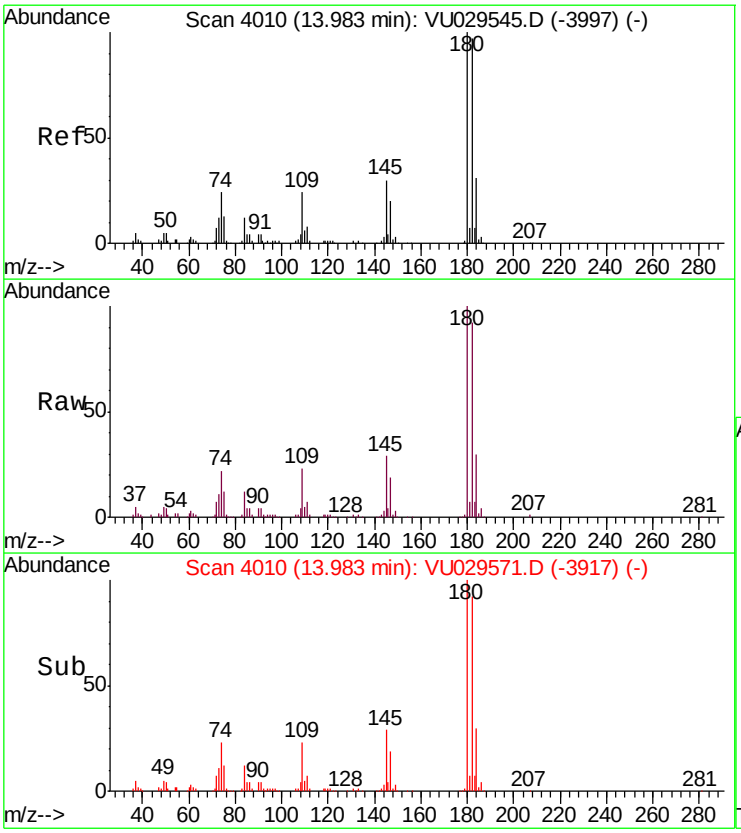
#69
Naphthalene
Concen: 5.016 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Tgt Ion:128 Resp: 262991

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.8	10.3	15.5





#70
1,2,3-Trichlorobenzene
Concen: 5.145 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU029571.D
Acq: 20 Feb 2019 10:00

Tgt Ion:180 Resp: 149370

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.9	113.9
145	29.3	23.8	35.6