Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\

Quantitation Report (Not Reviewed)

Data File : VR026302.D
Acq On : 24 Dec 2018 17:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Quant Time: Dec 24 22:54:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 24 22:50:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	541003	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	438670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	165807	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	154165	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	2.63	69	173742	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	3.61	63	491822	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.00%			
20) 2-Butanone-d5	6.59	46	151489	49.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.10%			
24) Chloroform-d	7.20	84	369519	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	7.90	65	139205	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	7.85	84	708568	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	8.90	67	178563	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	9.97	98	660548	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	10.24	79	42418	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	10.59	63	109727	55.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.90%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69569	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	126080	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	203171	4.523	ug/L	98
3) Chloromethane	2.03	50	268845	5.012	ug/L	96
5) Vinyl chloride	2.17	62	280457	5.143	ug/L	96
6) Bromomethane	2.53	94	178244	4.899	ug/L	96
8) Chloroethane	2.66	64	175190	5.212	ug/L	99
9) Trichlorofluoromethane	2.94	101	438071	5.238	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	237866	5.213	ug/L	99
12) 1,1-Dichloroethene	3.63	96	256453	5.293	ug/L	94
13) Acetone	3.69	43	151609	48.681	ug/L	95
14) Carbon disulfide	3.93	76	832888	5.237	ug/L	99
15) Methyl Acetate	4.19	43	42578	5.123	ug/L	99
16) Methylene chloride	4.40	84	223221	5.399	ug/L	96
17) Methyl tert-butyl Ether	4.89	73	198586	4.785	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	216415	5.041	ug/L	96
19) 1,1-Dichloroethane	5.70	63	377829	4.814	ug/L	98
21) 2-Butanone	6.69	43	185948	50.346	ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	192370	5.017	ug/L #	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\

Quantitation Report (Not Reviewed)

Data File : VR026302.D
Acq On : 24 Dec 2018 17:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Quant Time: Dec 24 22:54:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 24 22:50:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.06	128	54073	4.788	ug/L		90
25) Chloroform	7.23	83	366579	4.925	ug/L		94
27) 1,2-Dichloroethane	7.99	62	160034	4.987	ug/L		96
29) 1,1,1-Trichloroethane	7.43	97	344678	4.798	ug/L		96
30) Cyclohexane	7.51	56	330212	5.186	ug/L		99
31) Carbon tetrachloride	7.64	117	323140	4.941	ug/L		99
33) Benzene	7.91	78	885814	5.130	ug/L		100
34) Trichloroethene	8.71	95	222857	4.895	ug/L		100
35) Methylcyclohexane	8.95	83	341696	5.177	ug/L		98
37) 1,2-Dichloropropane	9.00	63	179971	5.090	ug/L		100
38) Bromodichloromethane	9.28	83	196978	4.917	ug/L		95
39) cis-1,3-Dichloropropene	9.72	75	196733	5.058	ug/L		98
40) 4-Methyl-2-pentanone	9.87	43	459375	53.982	ug/L		99
42) Toluene	10.04	91	944421	5.351	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	139490	5.046	ug/L		99
45) 1,1,2-Trichloroethane	10.45	97	71959	4.902	ug/L		94
47) Tetrachloroethene	10.51	164	162033	4.678	ug/L		90
48) 2-Hexanone	10.63	43	299524	54.607	ug/L		97
49) Dibromochloromethane	10.79	129	95127	5.105	ug/L		91
50) 1,2-Dibromoethane	10.89	107	61825	5.000	ug/L	#	99
51) Chlorobenzene	11.32	112	493379	4.996	ug/L		98
52) Ethylbenzene	11.39	91	1095250	5.497	ug/L		99
53) m,p-Xylene	11.50	106	401902	5.393	ug/L		97
54) o-Xylene	11.83	106	352683	5.432	ug/L		97
55) Styrene	11.84	104	538055	5.488	ug/L		98
56) Isopropylbenzene	12.13	105	1047266	5.673	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	67011	5.169	ug/L	#	96
59) 1,2,3-Trichloropropane	12.43	75	50575	5.034	ug/L		95
61) Bromoform	12.01	173	35846	5.117	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	273196	5.069	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	296506	5.122	ug/L		100
65) 1,2-Dichlorobenzene	13.53	146	230134	5.246	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.14	75	6785	4.358	ug/L		90
67) 1,3,5-Trichlorobenzene	14.30	180	169963	4.924	ug/L		99
68) 1,2,4-trichlorobenzene	14.79	180	88556	4.723	ug/L		96
69) Naphthalene	15.01	128	79696	4.732	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	62590	4.813	ug/L		98

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

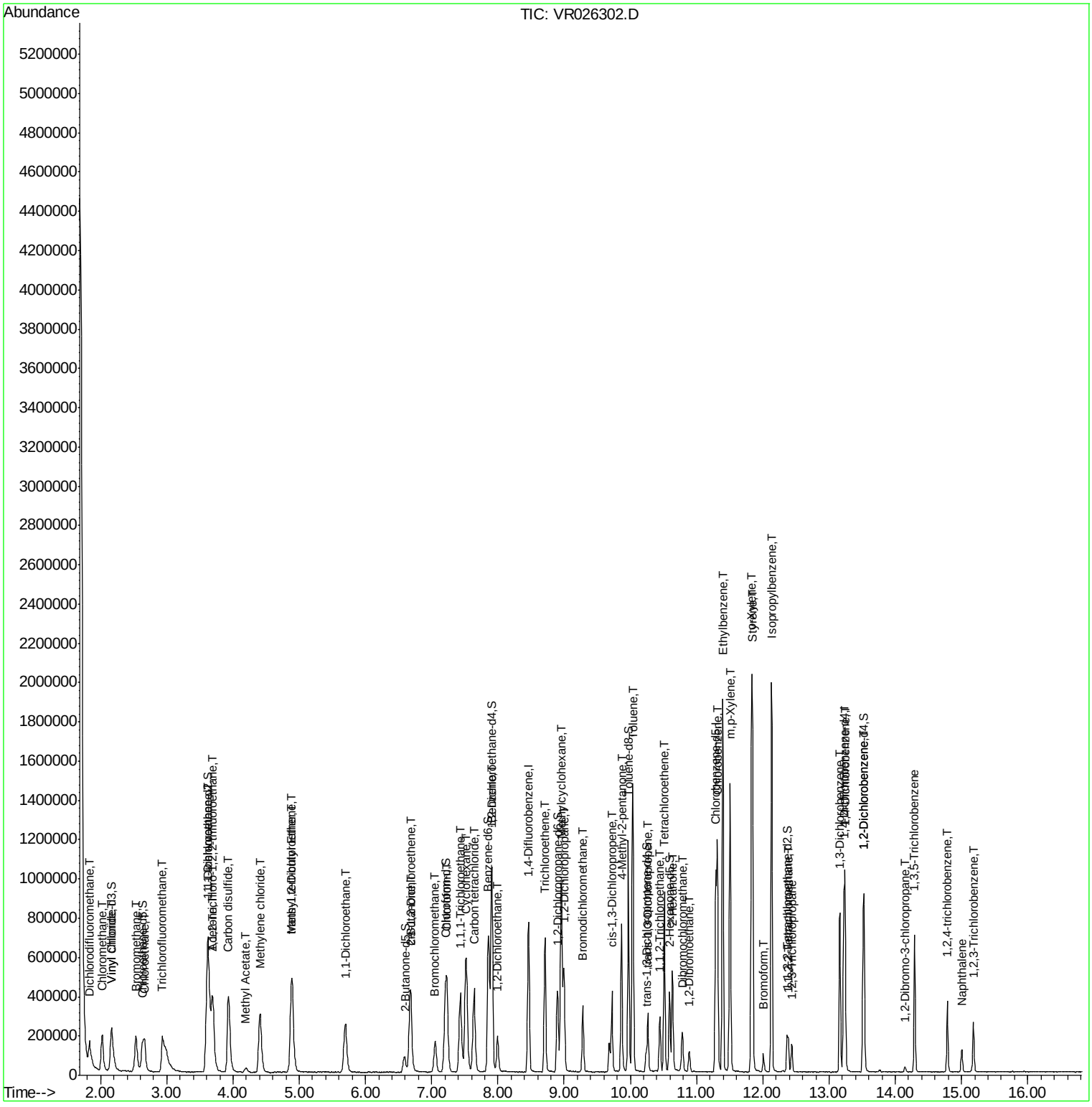
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\

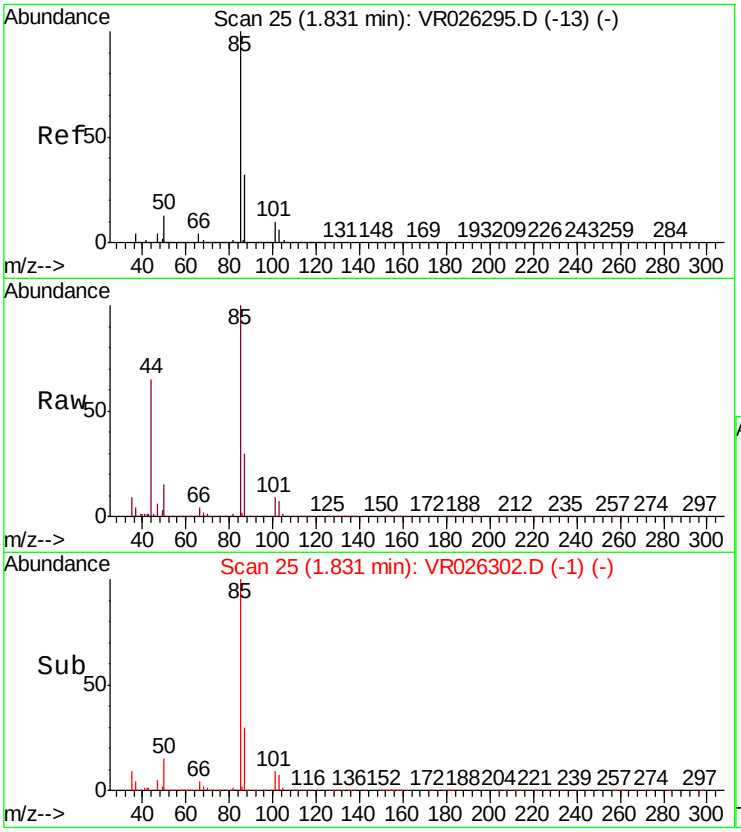
Quantitation Report (Not Reviewed)

Data File : VR026302.D
Acq On : 24 Dec 2018 17:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Quant Time: Dec 24 22:54:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 24 22:50:14 2018
Response via : Initial Calibration



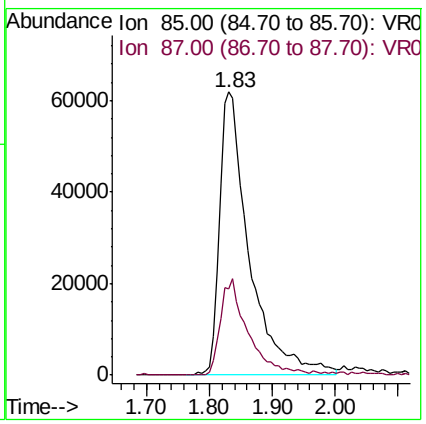


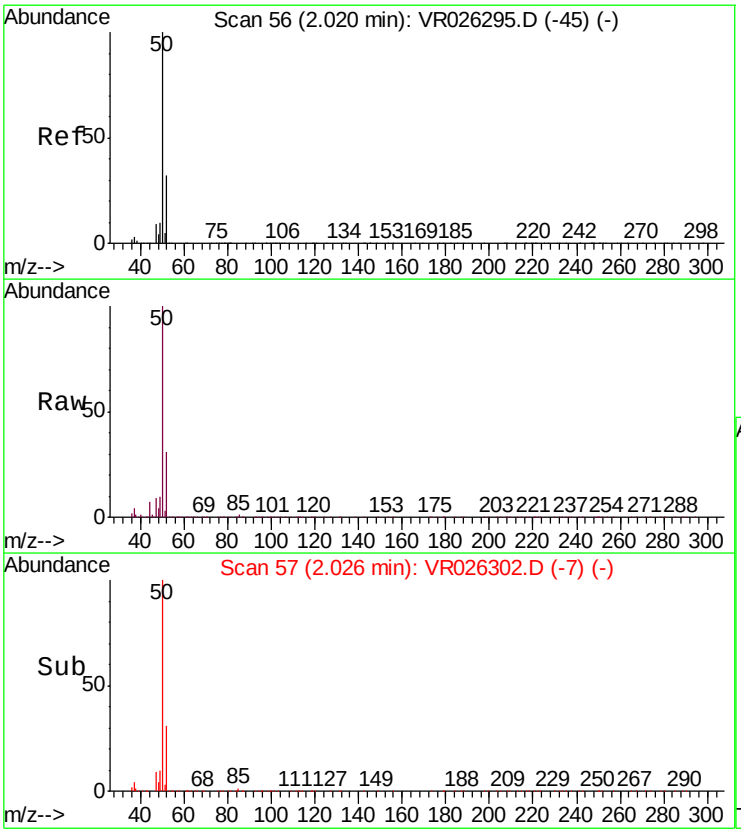
#2
Dichlorodifluoromethane
Concen: 4.523 ug/L
RT: 1.83 min Scan# 25
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 85 Resp: 203171

Ion	Ratio	Lower	Upper
85	100		
87	30.9	23.8	35.6

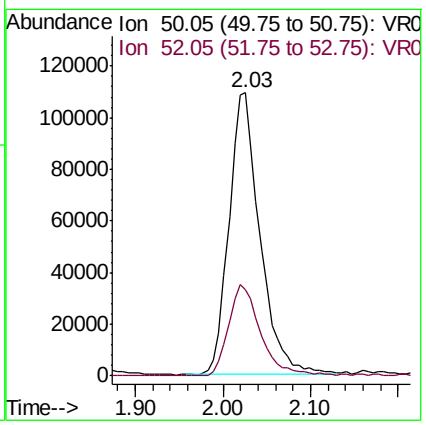


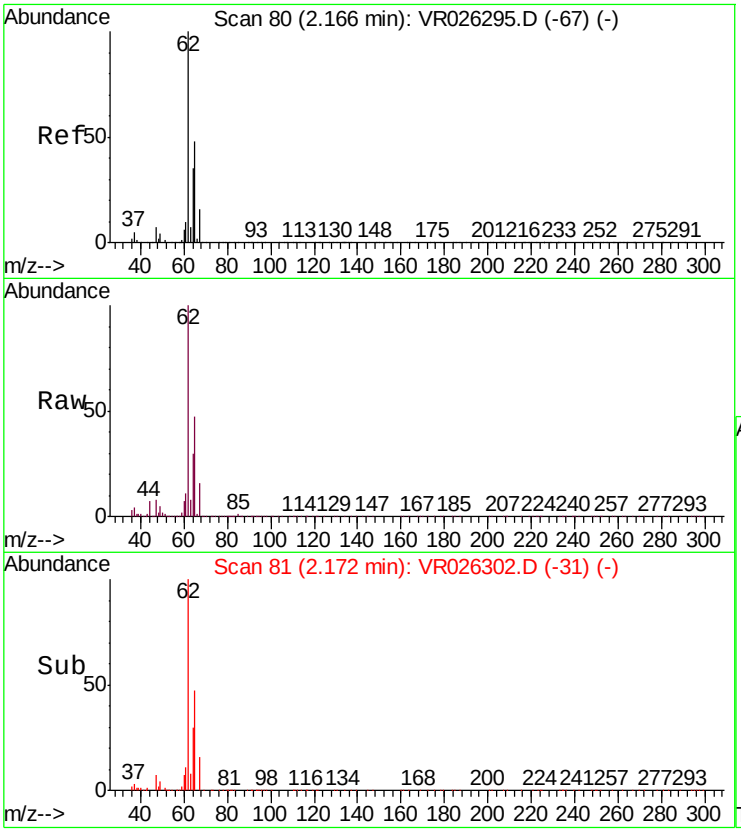


#3
Chloromethane
Concen: 5.012 ug/L
RT: 2.03 min Scan# 57
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 50 Resp: 268845

Ion	Ratio	Lower	Upper
50	100		
52	30.5	22.8	42.4



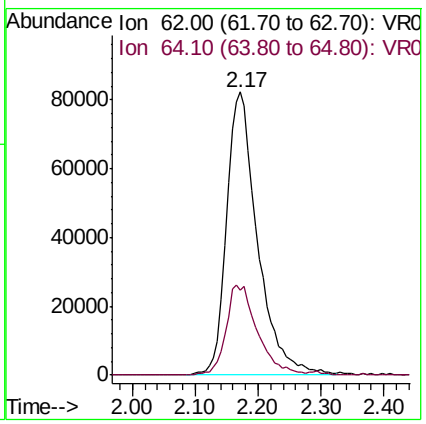


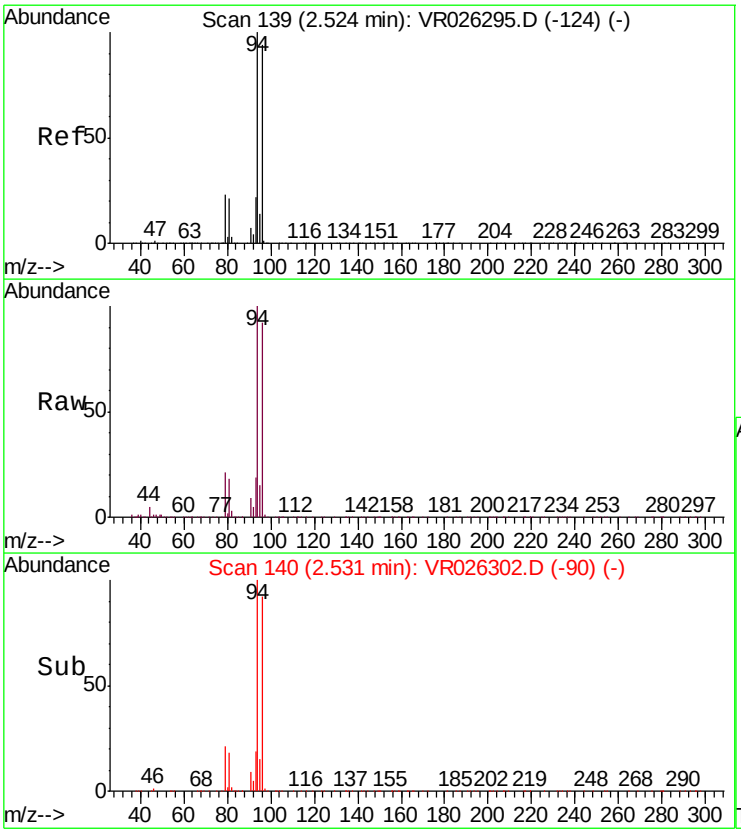
#5
Vinyl chloride
Concen: 5.143 ug/L
RT: 2.17 min Scan# 81
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Tgt Ion: 62 Resp: 280457

Ion	Ratio	Lower	Upper
62	100		
64	30.1	22.7	42.1

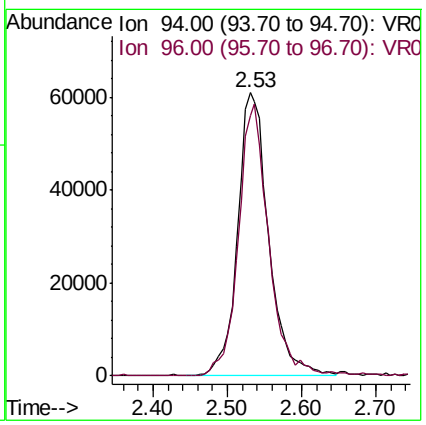


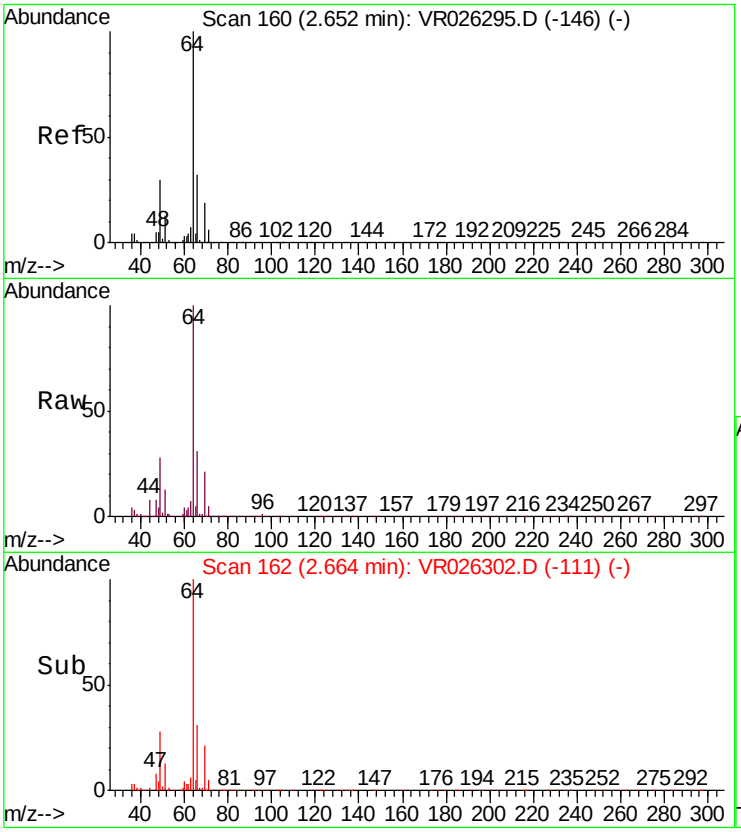


#6
Bromomethane
Concen: 4.899 ug/L
RT: 2.53 min Scan# 140
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 94 Resp: 178244

Ion	Ratio	Lower	Upper
94	100		
96	91.9	67.1	124.5



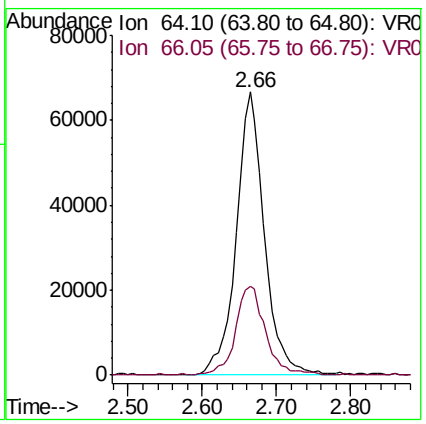


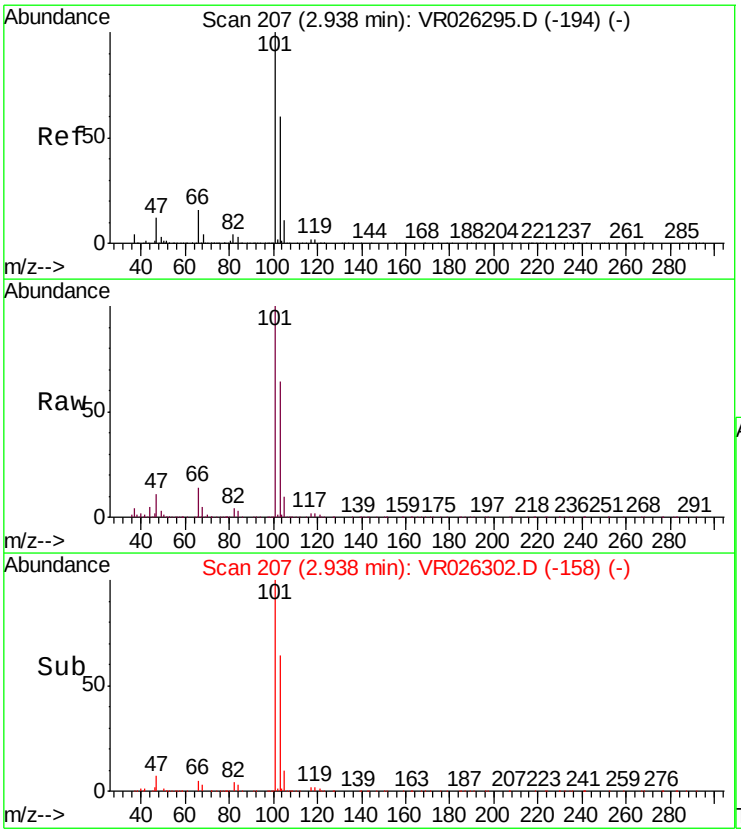
#8
Chloroethane
Concen: 5.212 ug/L
RT: 2.66 min Scan# 162
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 64 Resp: 175190

Ion	Ratio	Lower	Upper
64	100		
66	31.3	22.2	41.2

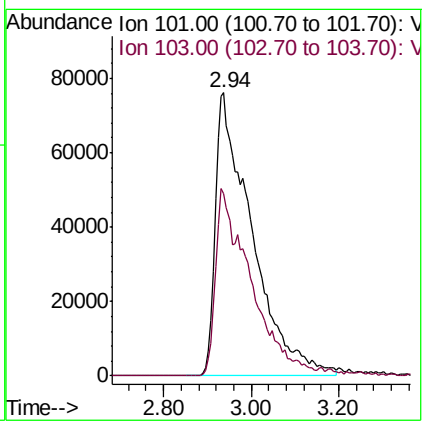


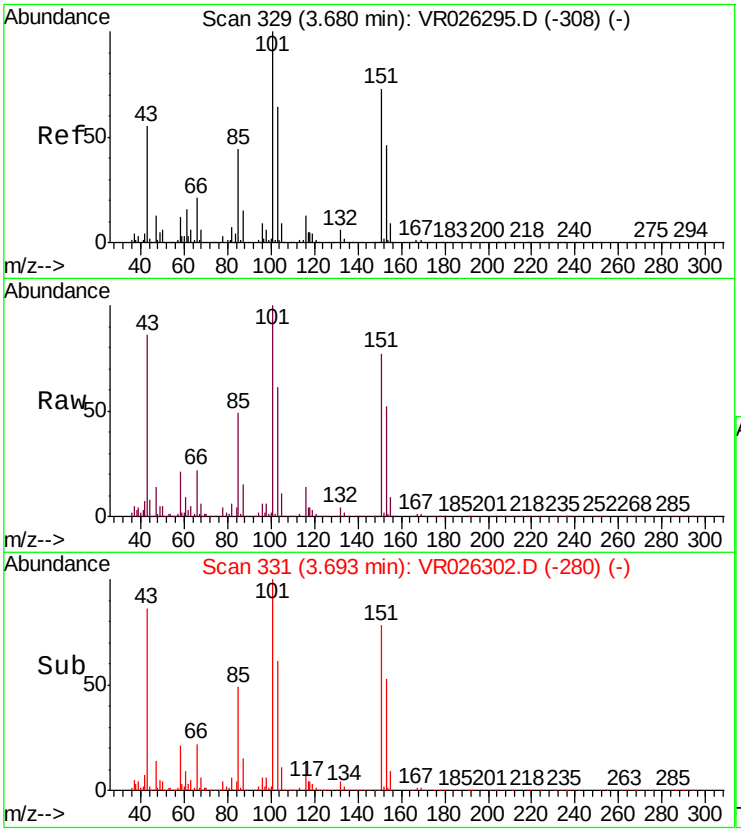


#9
Trichlorofluoromethane
Concen: 5.238 ug/L
RT: 2.94 min Scan# 207
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:101 Resp: 438071

Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.4	78.6



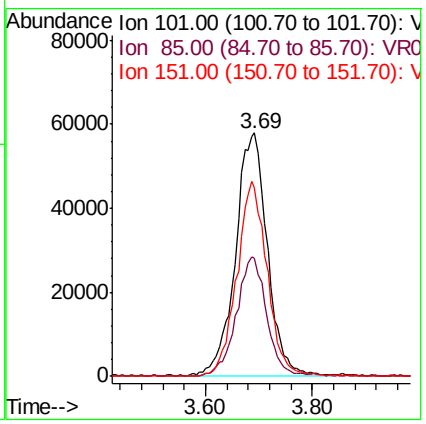


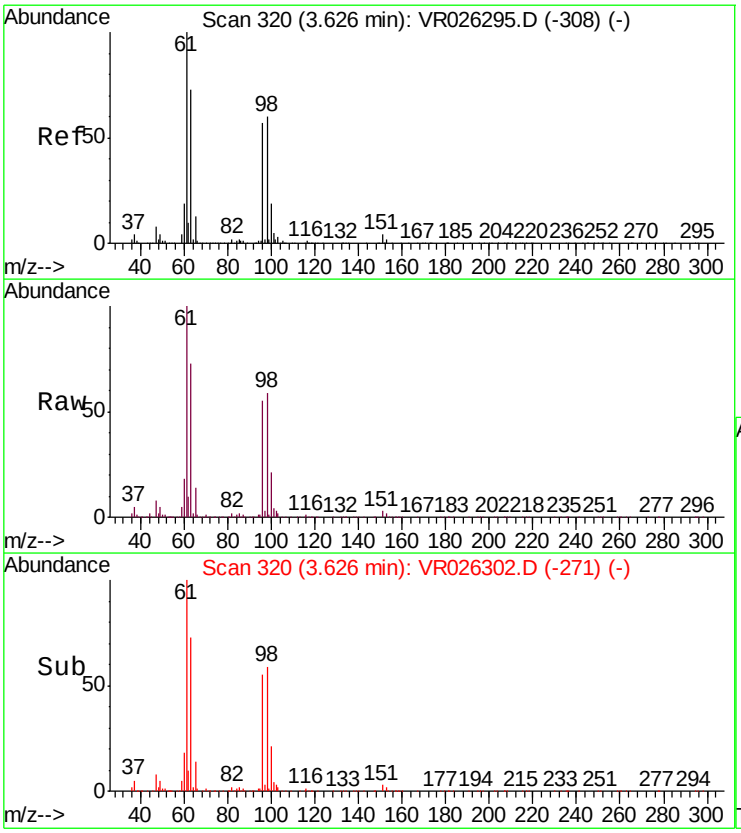
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.213 ug/L
RT: 3.69 min Scan# 331
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion:101 Resp: 237866

Ion	Ratio	Lower	Upper
101	100		
85	46.5	38.2	57.2
151	76.6	61.7	92.5

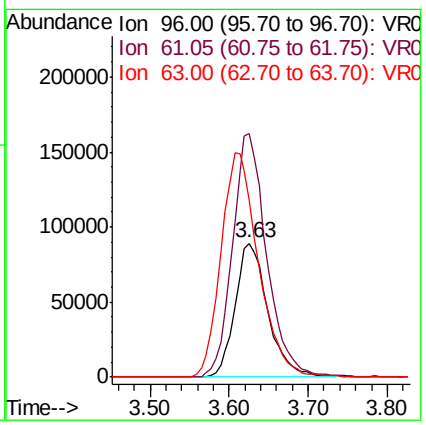


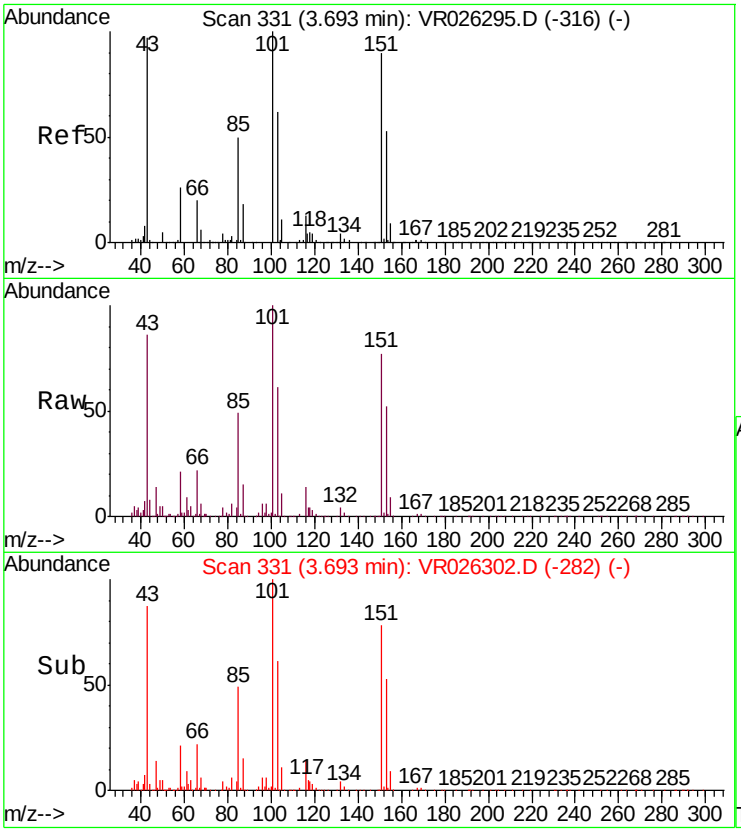


#12
1,1-Dichloroethene
Concen: 5.293 ug/L
RT: 3.63 min Scan# 320
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 96 Resp: 256453

Ion	Ratio	Lower	Upper
96	100		
61	182.1	127.1	236.0
63	132.2	81.5	151.5



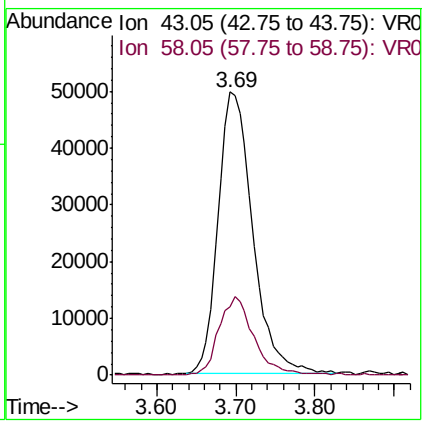


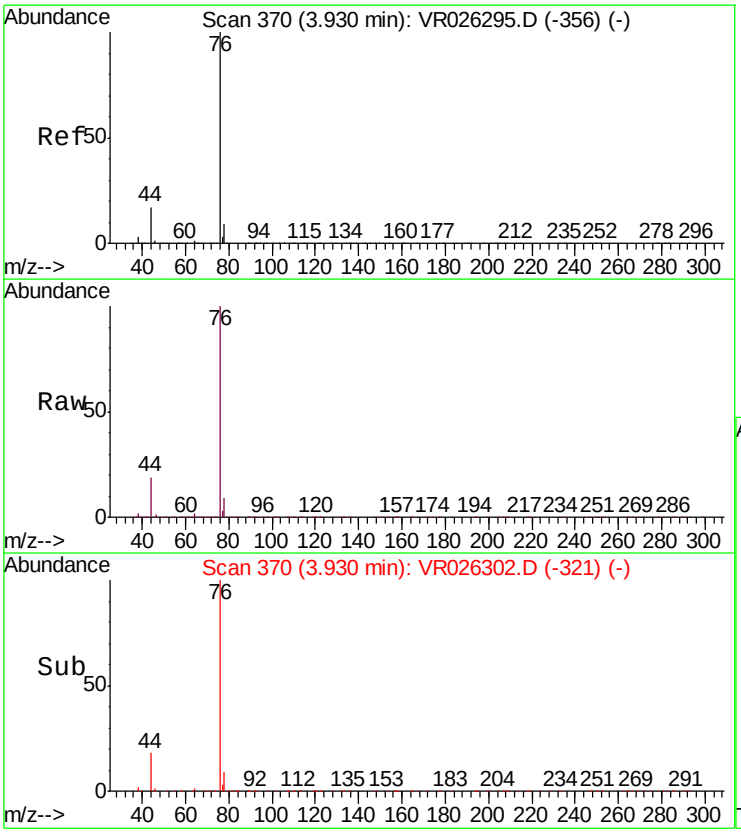
#13
Acetone
Concen: 48.681 ug/L
RT: 3.69 min Scan# 331
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Tgt Ion: 43 Resp: 151609

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	60.8

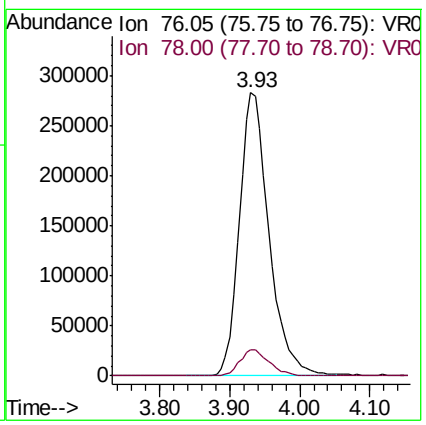


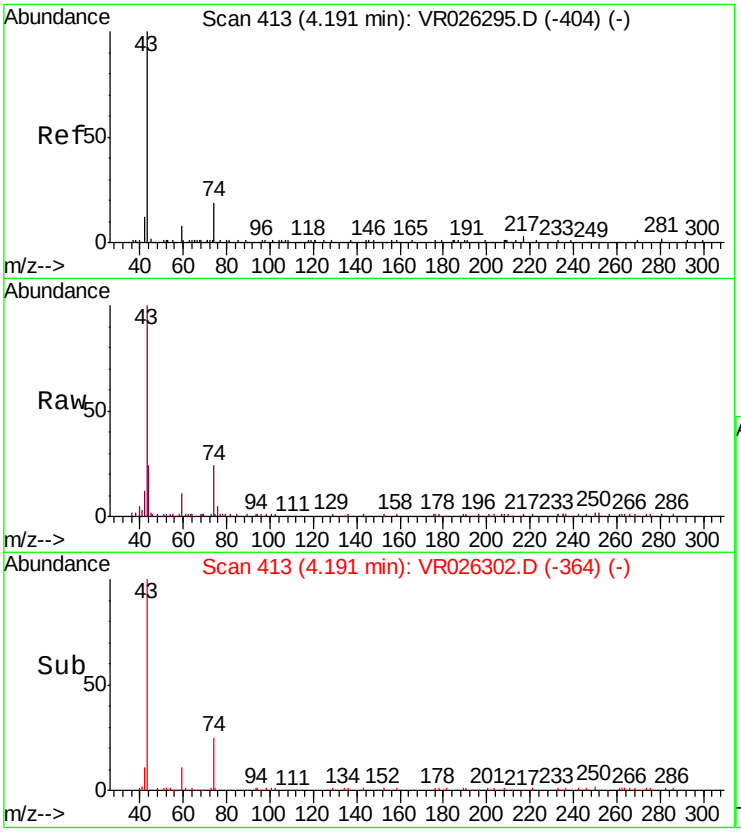


#14
Carbon disulfide
Concen: 5.237 ug/L
RT: 3.93 min Scan# 370
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 76 Resp: 832888

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.6	11.4



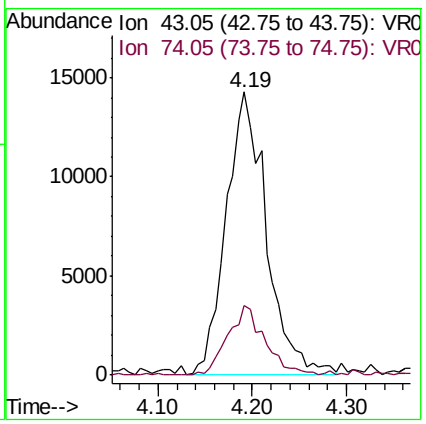


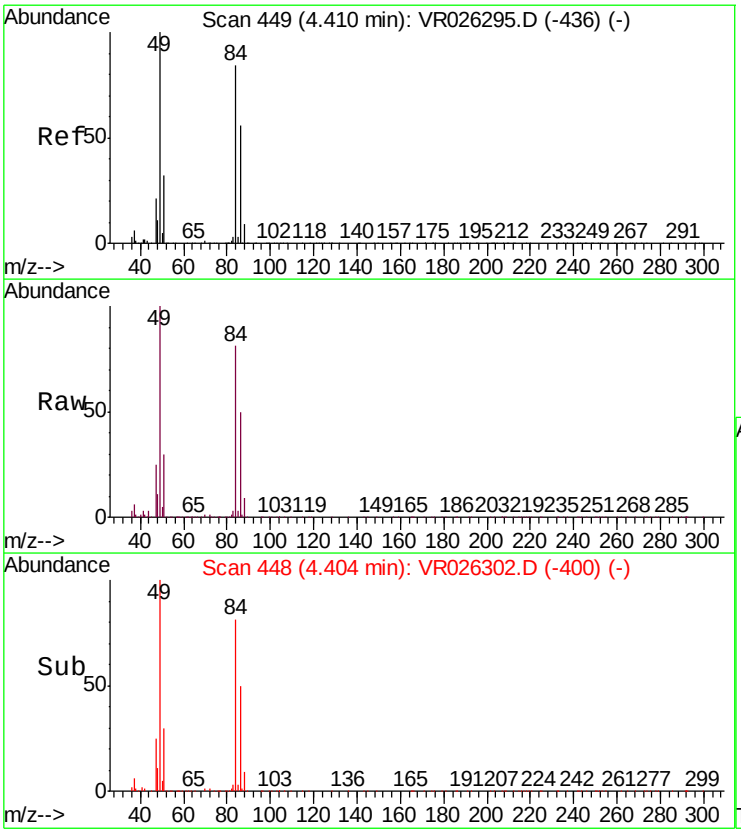
#15
Methyl Acetate
Concen: 5.123 ug/L
RT: 4.19 min Scan# 413
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 43 Resp: 42578

Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.4	27.6

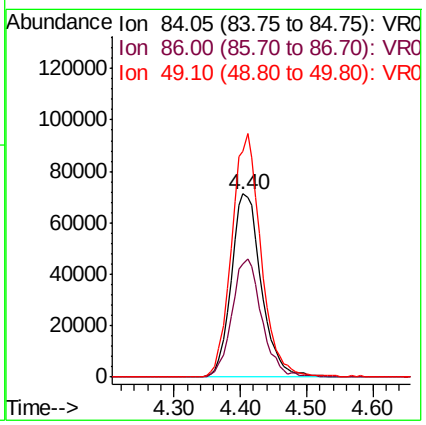


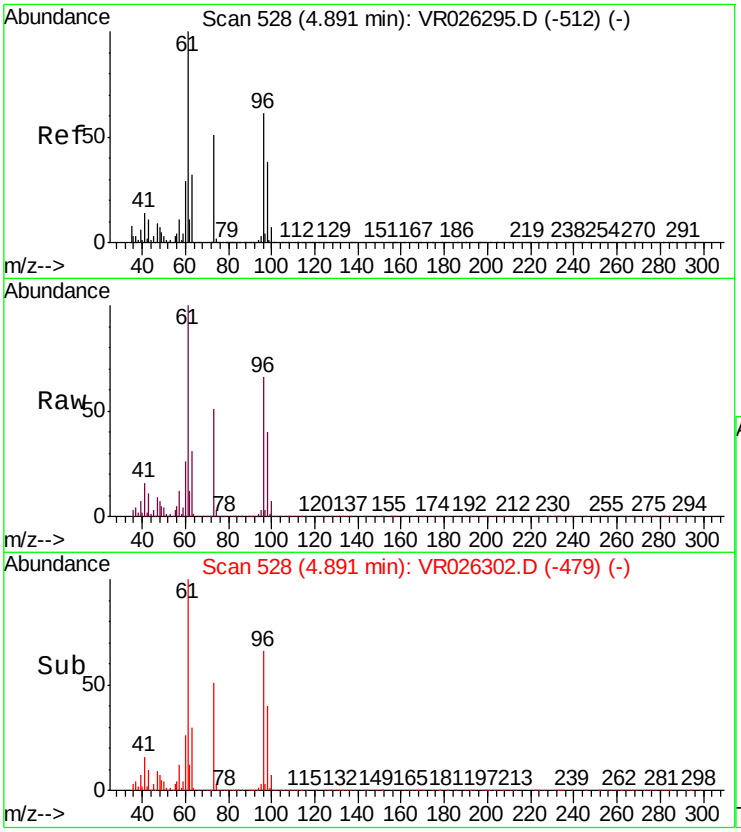


#16
Methylene chloride
Concen: 5.399 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 84 Resp: 223221

Ion	Ratio	Lower	Upper
84	100		
86	61.8	45.8	85.0
49	123.1	88.7	164.7



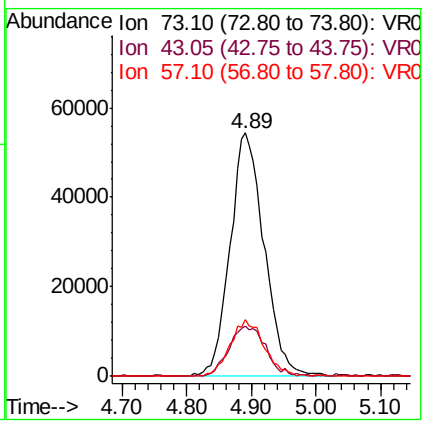


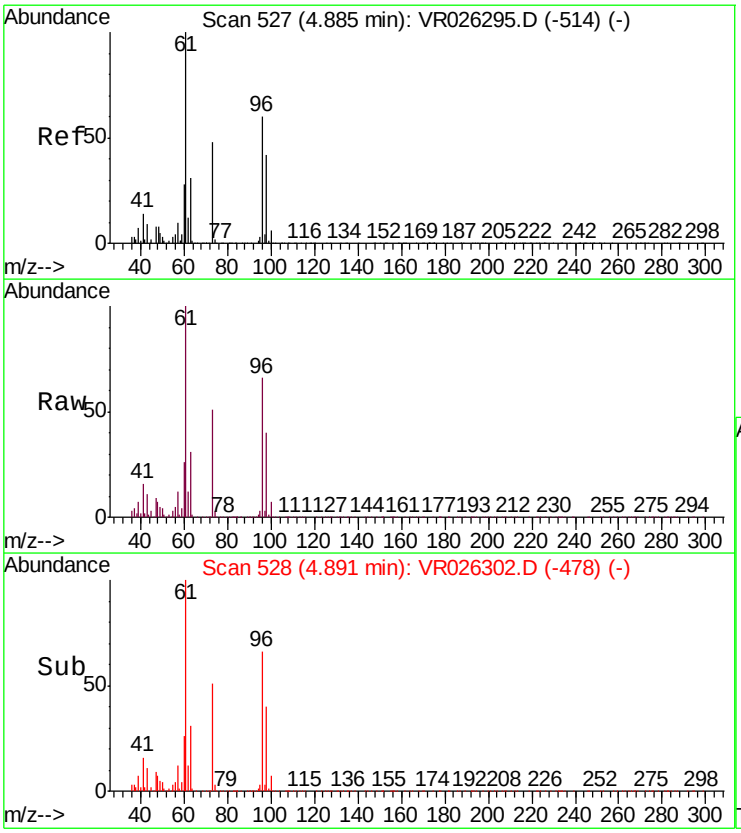
#17
Methyl tert-butyl Ether
Concen: 4.785 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 73 Resp: 198586

Ion	Ratio	Lower	Upper
73	100		
43	22.6	18.7	28.1
57	23.2	18.2	27.2

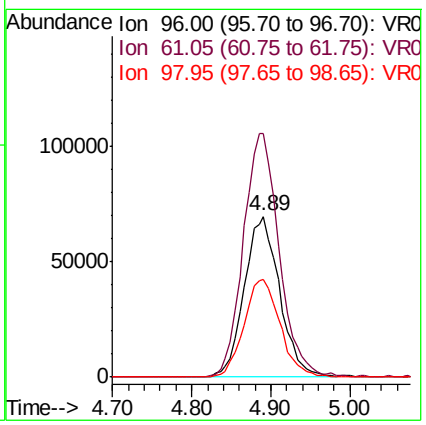


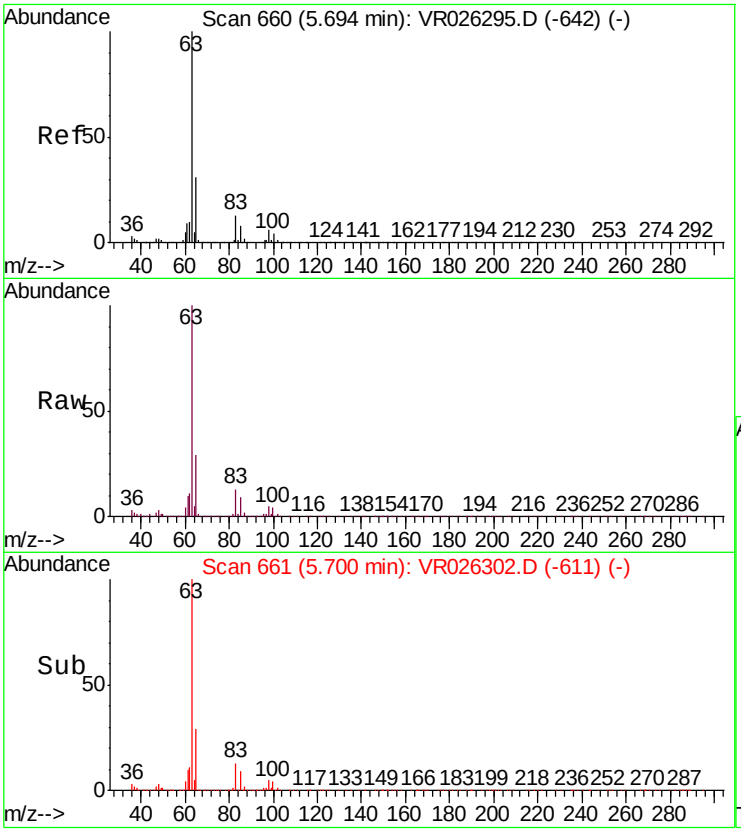


#18
trans-1,2-Dichloroethene
Concen: 5.041 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 96 Resp: 216415

Ion	Ratio	Lower	Upper
96	100		
61	151.7	101.4	188.4
98	61.2	43.3	80.5



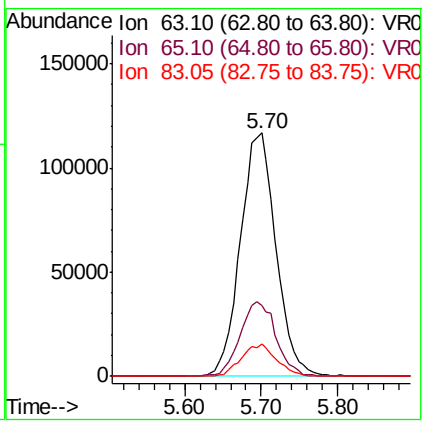


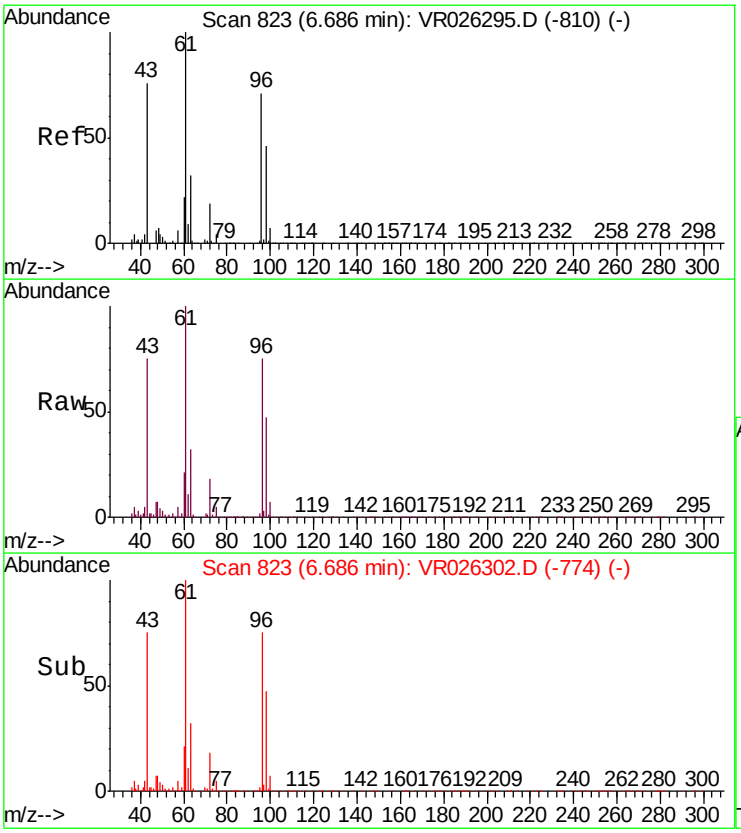
#19
1,1-Dichloroethane
Concen: 4.814 ug/L
RT: 5.70 min Scan# 661
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 63 Resp: 377829

Ion	Ratio	Lower	Upper
63	100		
65	29.3	21.6	40.0
83	13.3	9.0	16.8

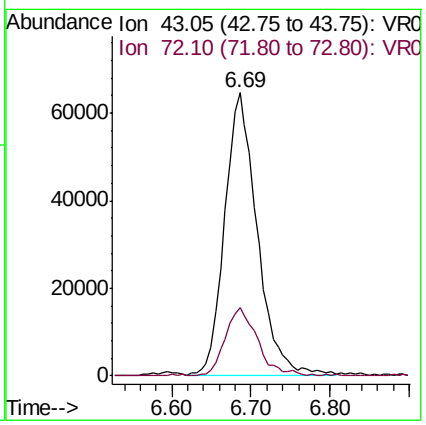


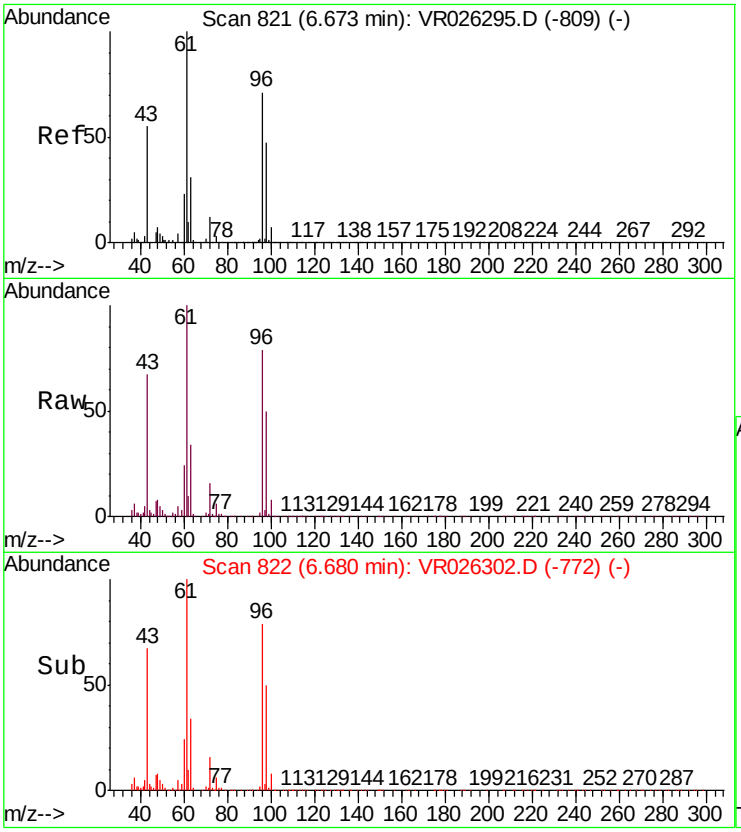


#21
2-Butanone
Concen: 50.346 ug/L
RT: 6.69 min Scan# 823
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 43 Resp: 185948

Ion	Ratio	Lower	Upper
43	100		
72	23.6	11.9	35.5



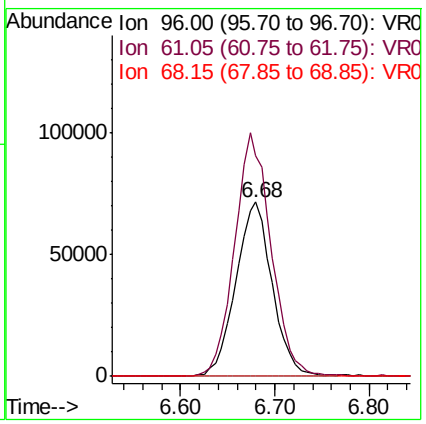


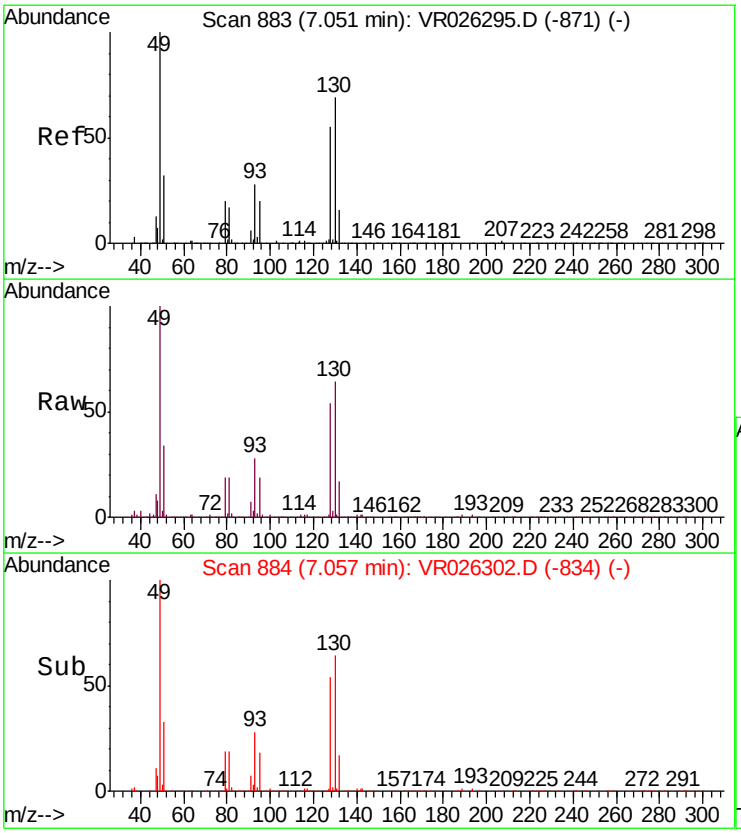
#22
cis-1,2-Dichloroethene
Concen: 5.017 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Tgt Ion: 96 Resp: 192370

Ion	Ratio	Lower	Upper
96	100		
61	126.6	96.3	178.9
68	0.1	0.0	0.0#

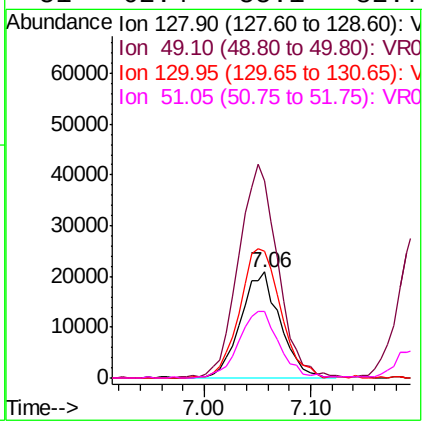


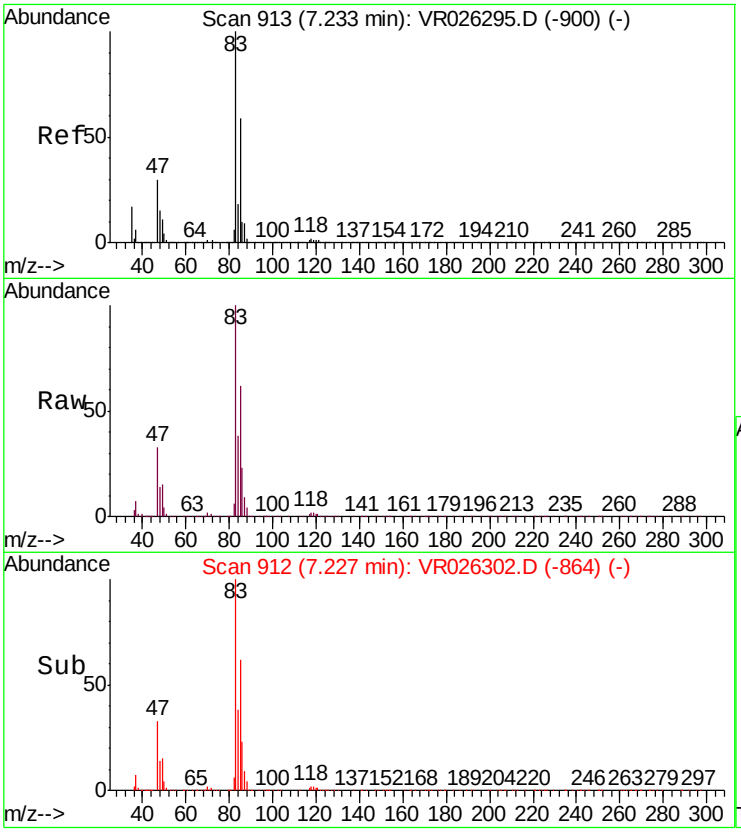


#23
Bromochloromethane
Concen: 4.788 ug/L
RT: 7.06 min Scan# 884
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:128 Resp: 54073

Ion	Ratio	Lower	Upper
128	100		
49	185.6	140.9	261.7
130	119.0	92.6	172.0
51	62.4	55.1	82.7



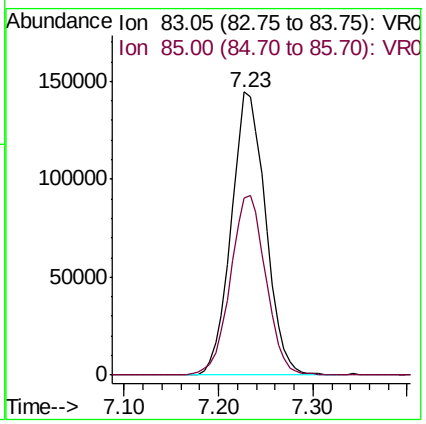


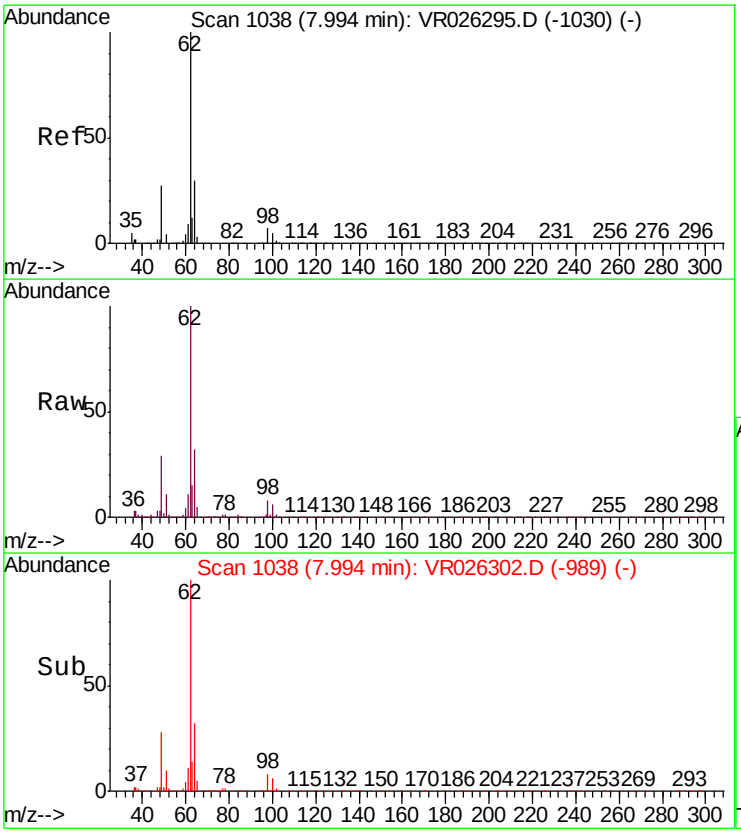
#25
Chloroform
Concen: 4.925 ug/L
RT: 7.23 min Scan# 912
Delta R.T. -0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Tgt Ion: 83 Resp: 366579

Ion	Ratio	Lower	Upper
83	100		
85	62.4	47.0	87.4

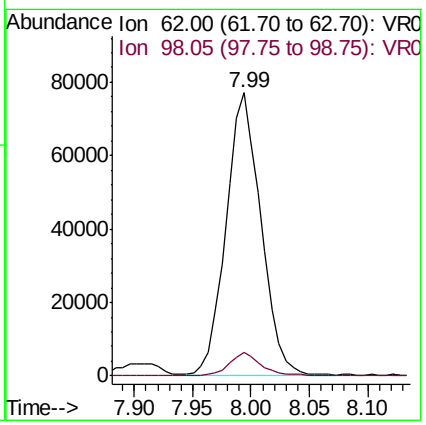


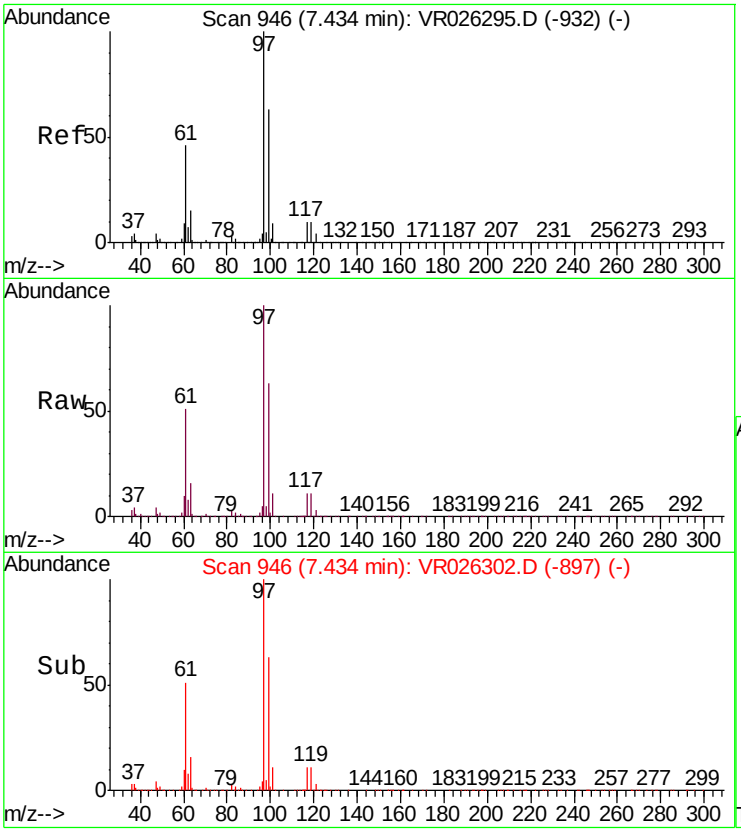


#27
1,2-Dichloroethane
Concen: 4.987 ug/L
RT: 7.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 62 Resp: 160034

Ion	Ratio	Lower	Upper
62	100		
98	8.4	5.7	8.5



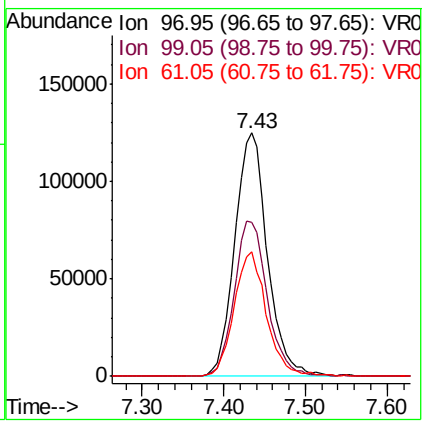


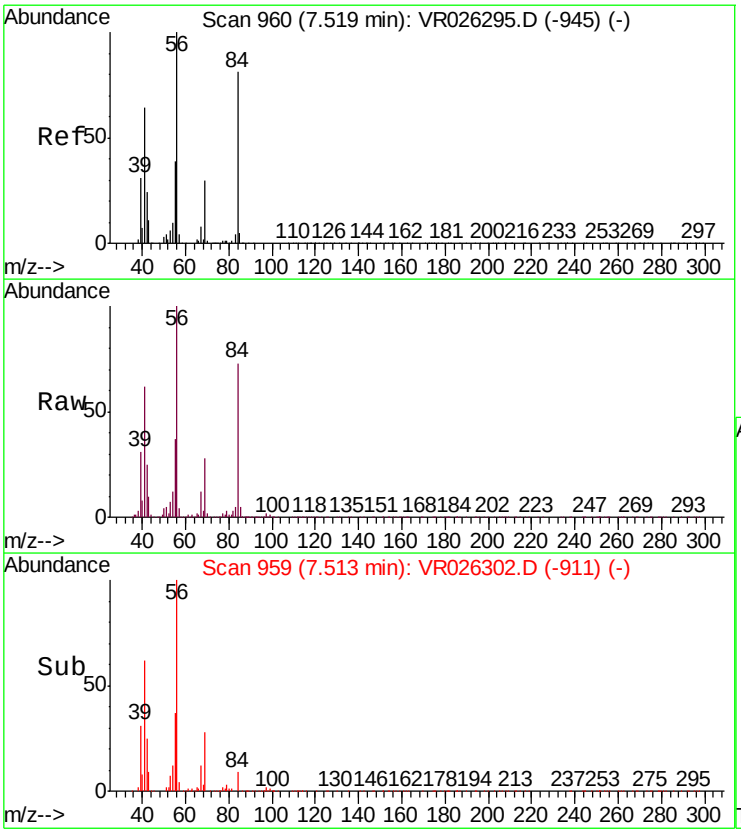
#29
1,1,1-Trichloroethane
Concen: 4.798 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 97 Resp: 344678

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.2	75.4
61	51.2	38.0	57.0

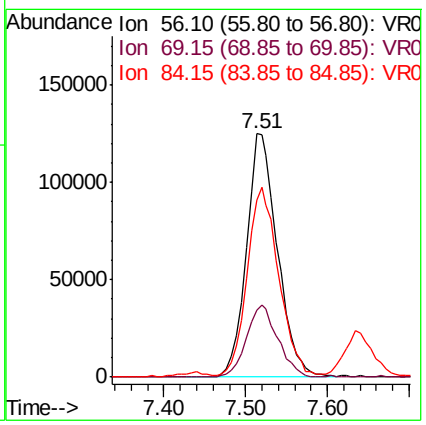


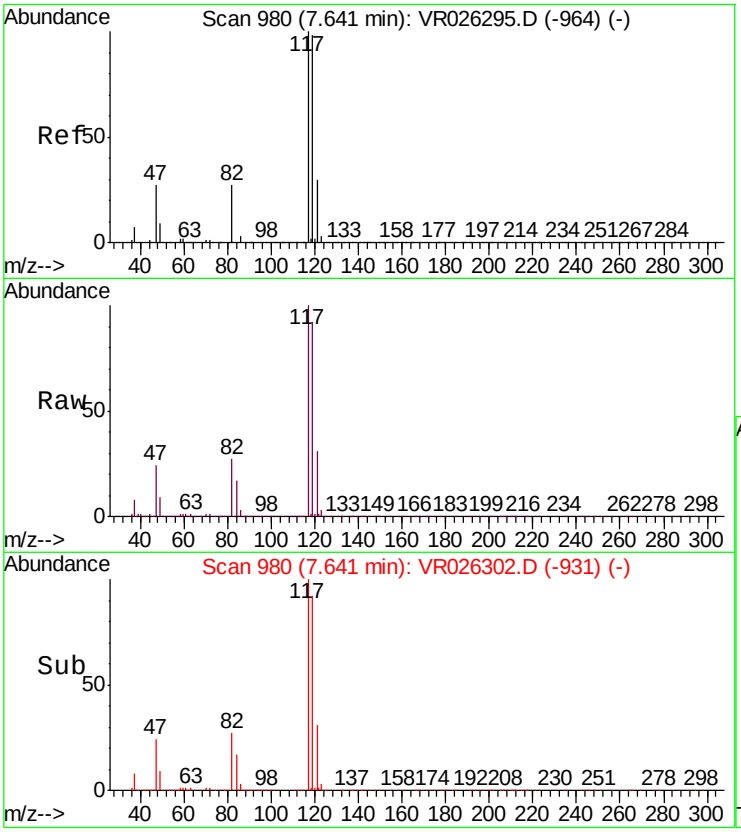


#30
Cyclohexane
Concen: 5.186 ug/L
RT: 7.51 min Scan# 959
Delta R.T. -0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 56 Resp: 330212

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.0	36.0
84	79.8	64.5	96.7



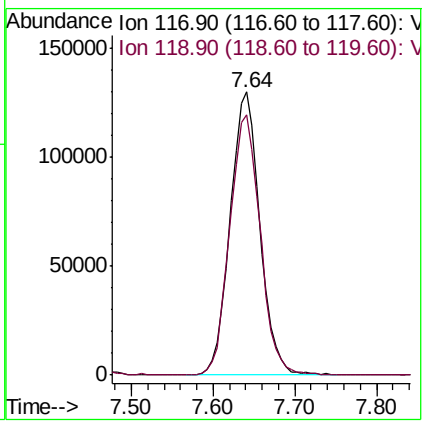


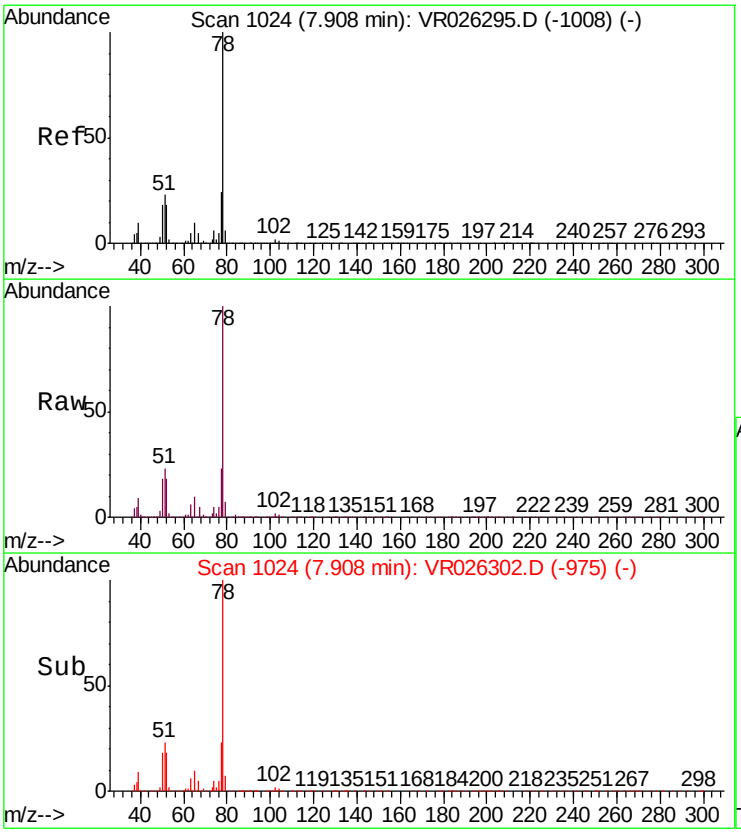
#31
Carbon tetrachloride
Concen: 4.941 ug/L
RT: 7.64 min Scan# 980
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion:117 Resp: 323140

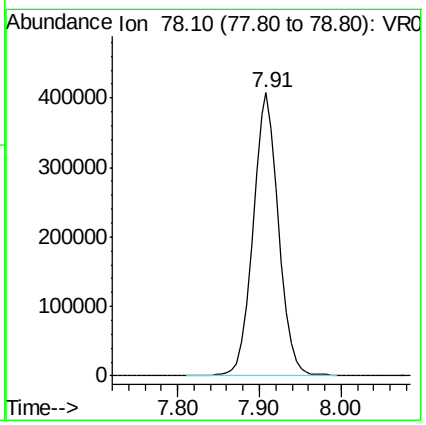
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.9	115.3

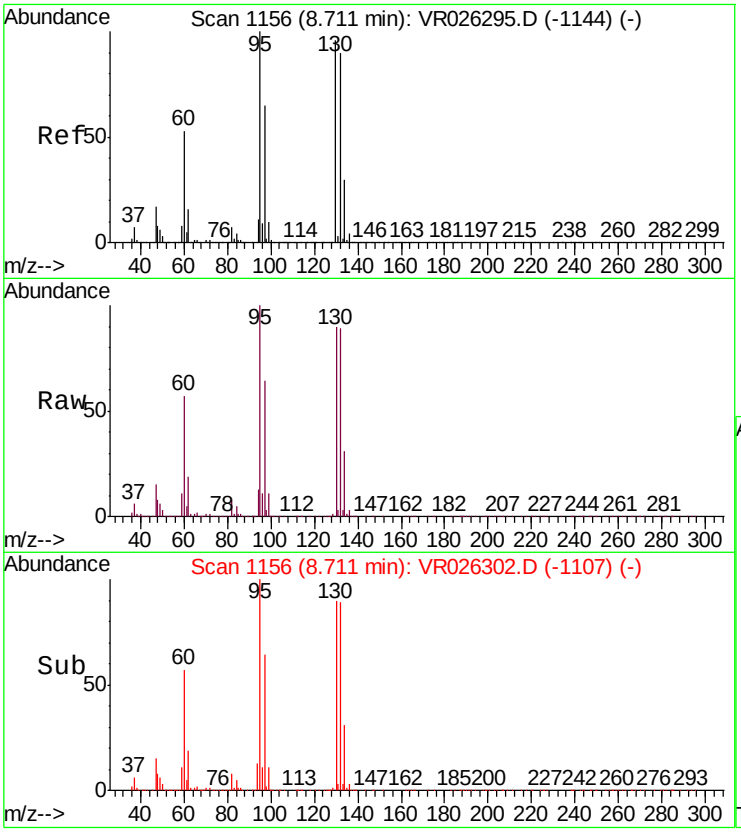




#33
Benzene
Concen: 5.130 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 78 Resp: 885814



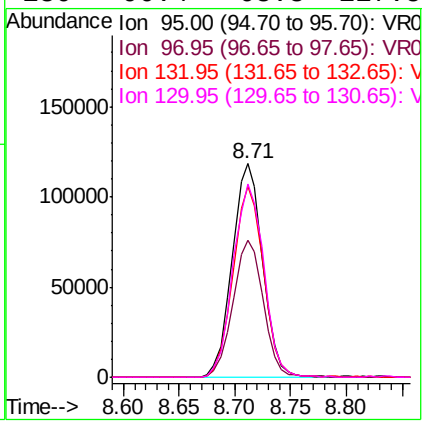


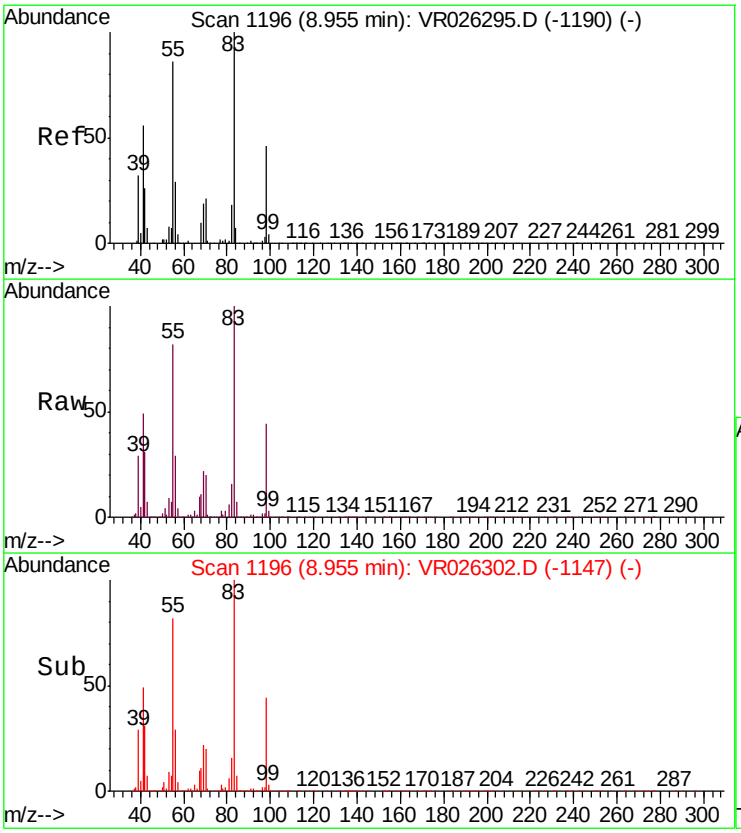
#34
Trichloroethene
Concen: 4.895 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Tgt Ion: 95 Resp: 222857

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.8	83.2
132	89.1	61.7	114.5
130	90.4	63.3	117.5

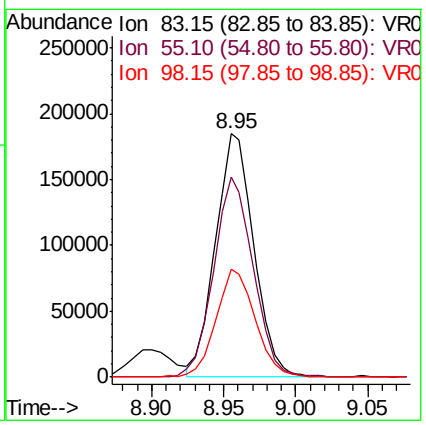


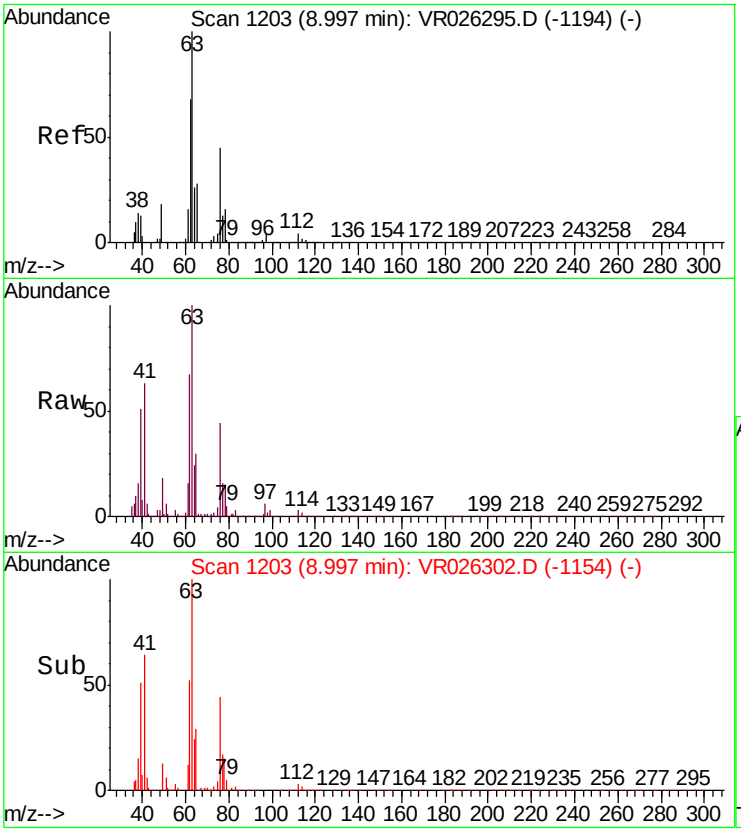


#35
Methylcyclohexane
Concen: 5.177 ug/L
RT: 8.95 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 83 Resp: 341696

Ion	Ratio	Lower	Upper
83	100		
55	85.0	66.6	99.8
98	45.4	35.5	53.3



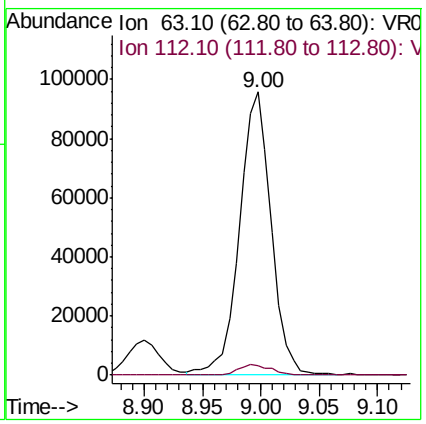


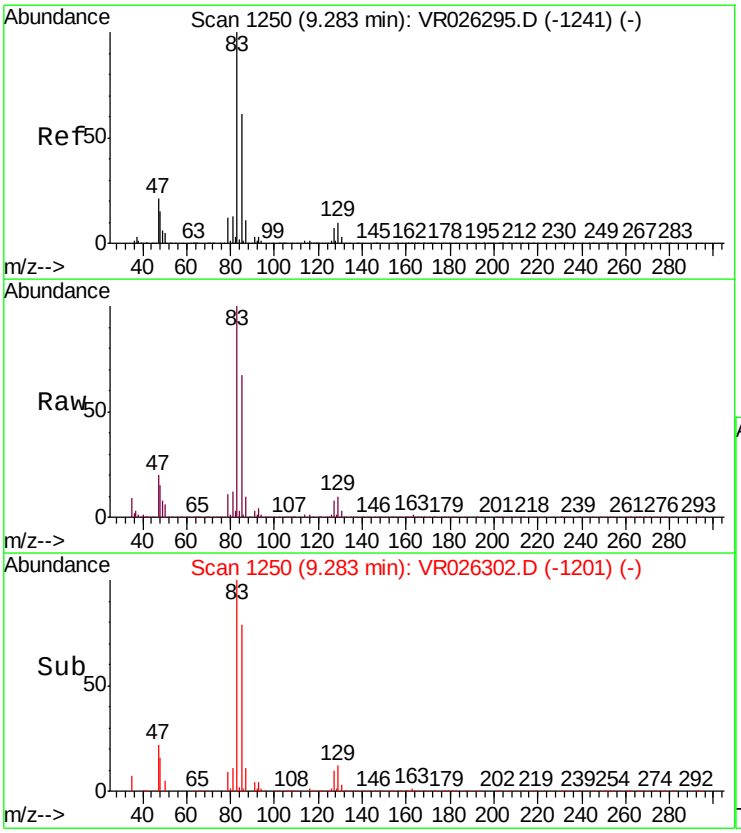
#37
1,2-Dichloropropane
Concen: 5.090 ug/L
RT: 9.00 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Tgt Ion: 63 Resp: 179971

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.0	4.6

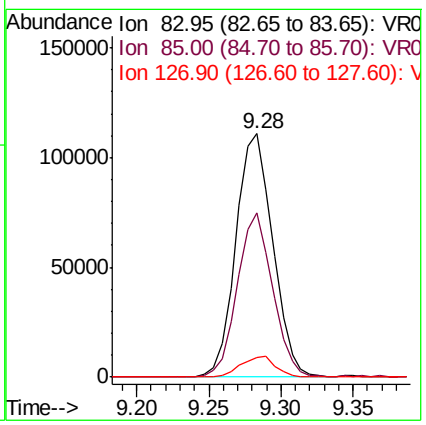


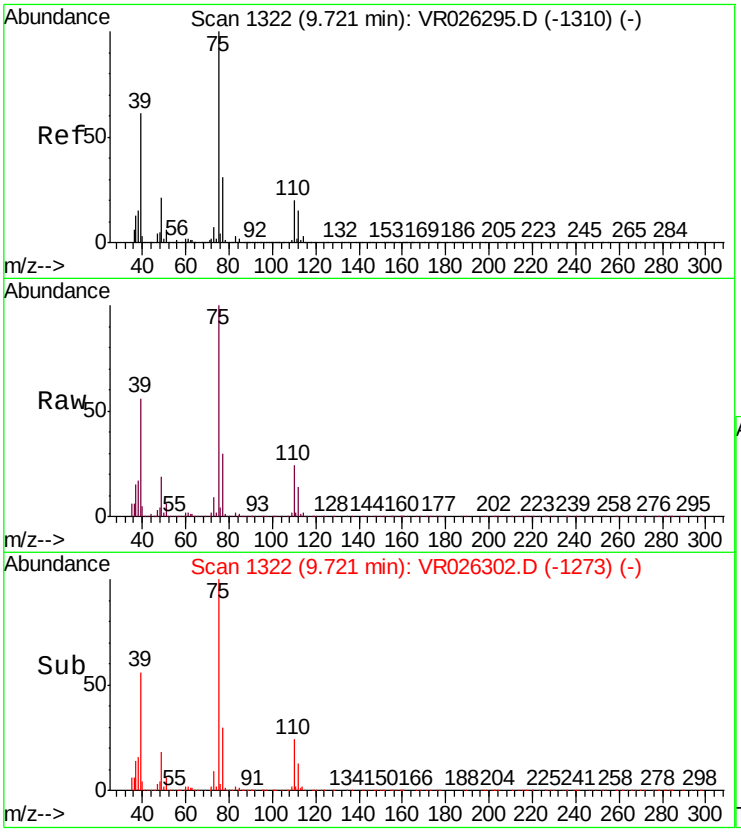


#38
Bromodichloromethane
Concen: 4.917 ug/L
RT: 9.28 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 83 Resp: 196978

Ion	Ratio	Lower	Upper
83	100		
85	67.3	44.0	81.6
127	8.2	6.6	9.8



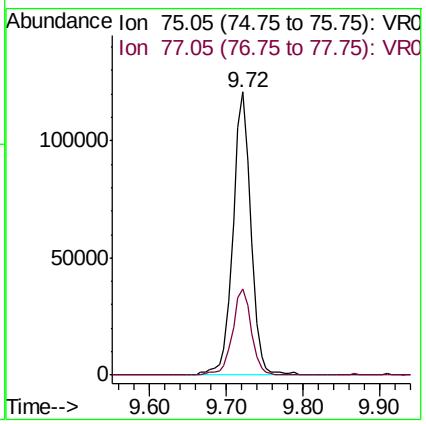


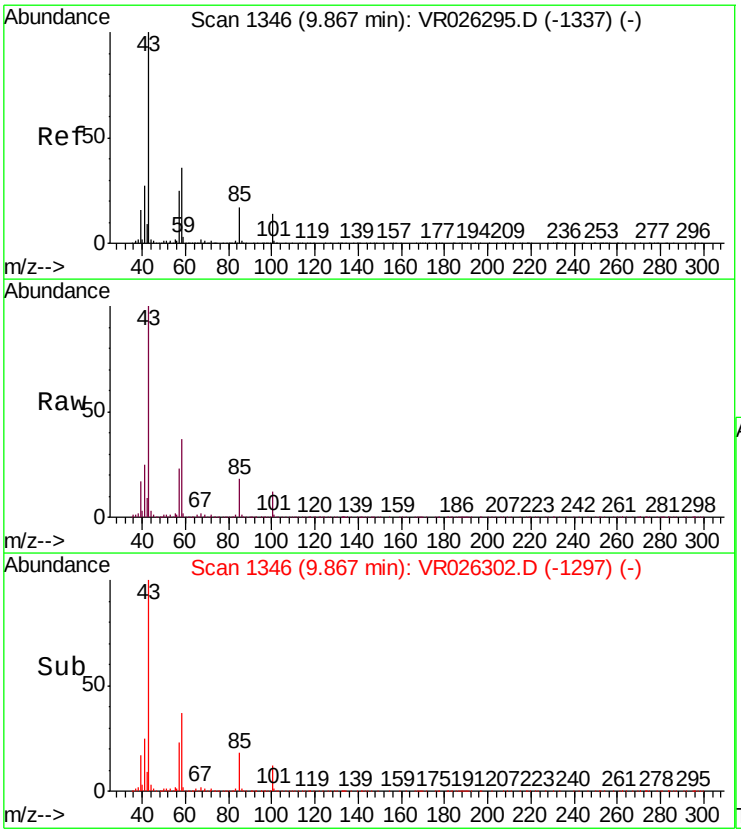
#39
cis-1,3-Dichloropropene
Concen: 5.058 ug/L
RT: 9.72 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 75 Resp: 196733

Ion	Ratio	Lower	Upper
75	100		
77	30.4	21.9	40.7

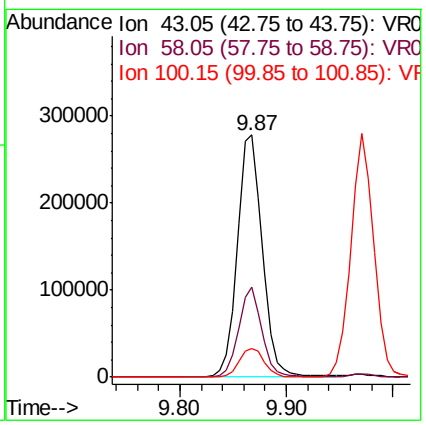


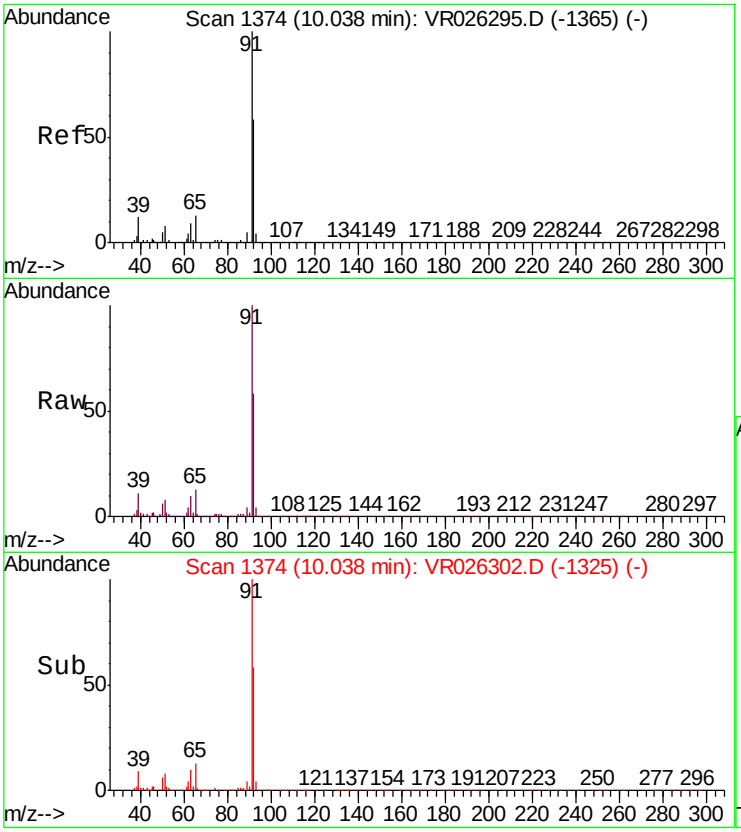


#40
4-Methyl-2-pentanone
Concen: 53.982 ug/L
RT: 9.87 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 43 Resp: 459375

Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.0	42.0
100	12.1	9.8	14.6



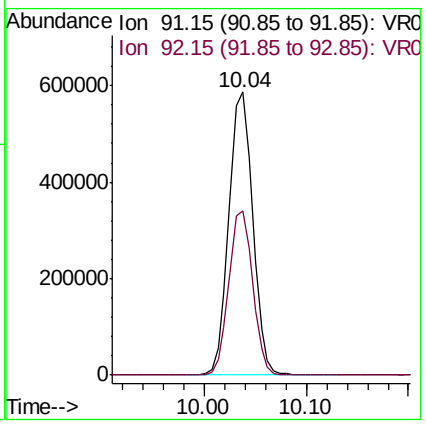


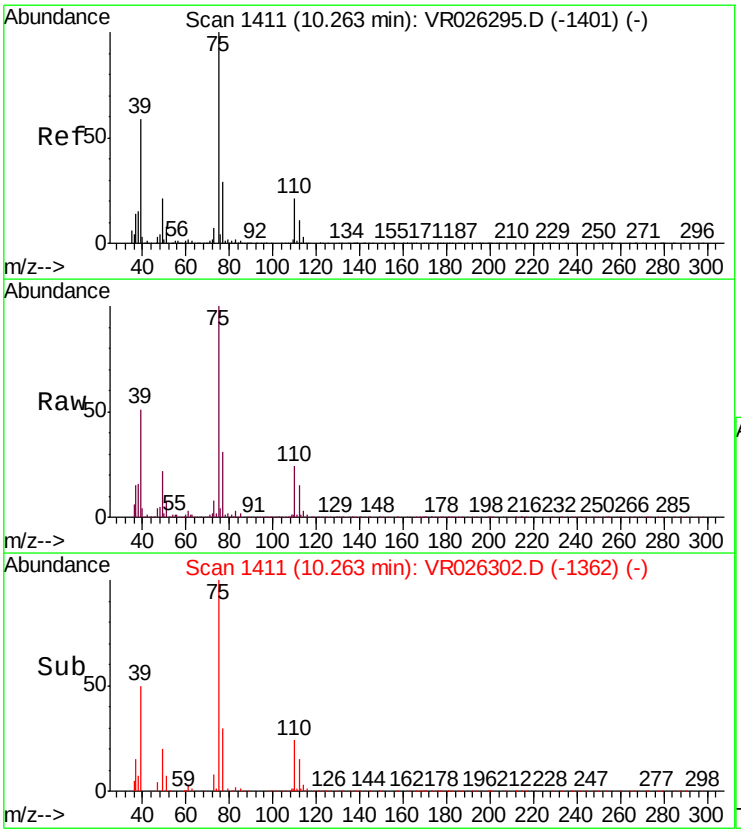
#42
Toluene
Concen: 5.351 ug/L
RT: 10.04 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 91 Resp: 944421

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.0	74.4

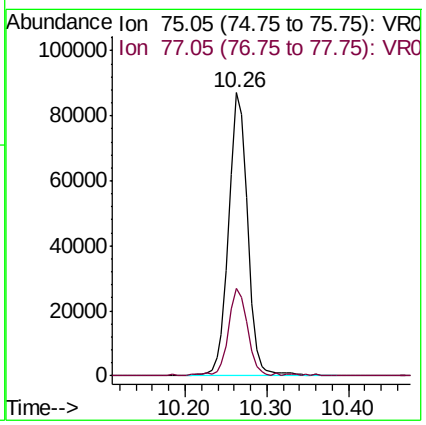


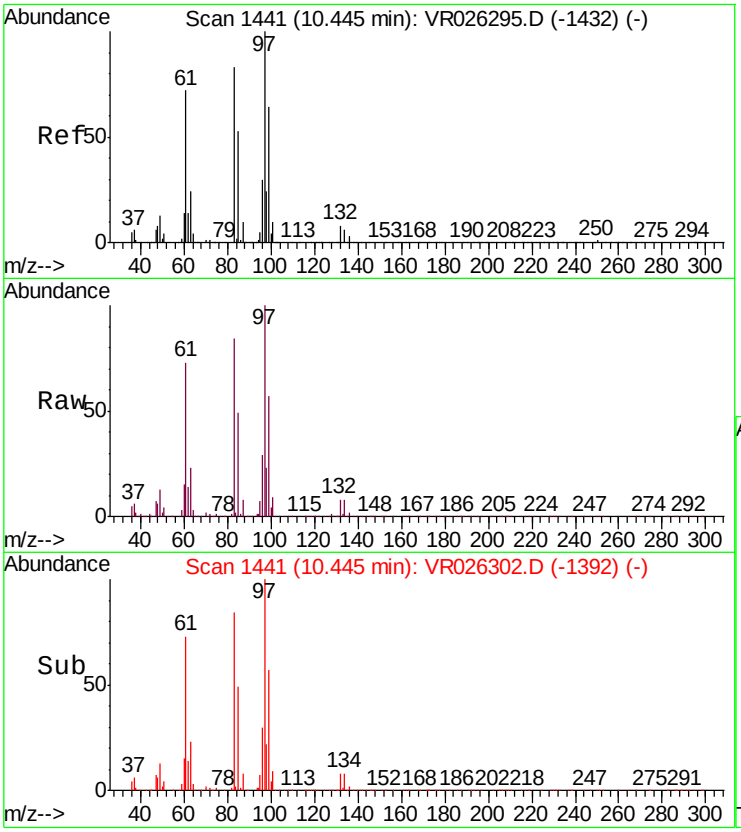


#44
trans-1,3-Dichloropropene
Concen: 5.046 ug/L
RT: 10.26 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 75 Resp: 139490

Ion	Ratio	Lower	Upper
75	100		
77	30.8	21.2	39.4



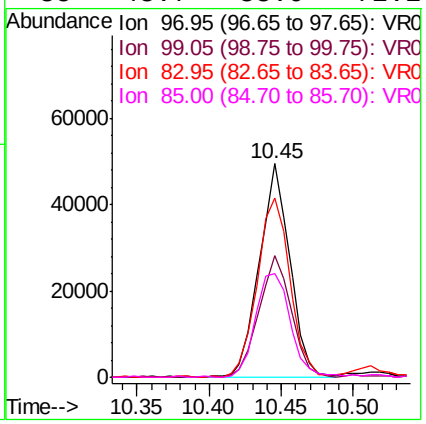


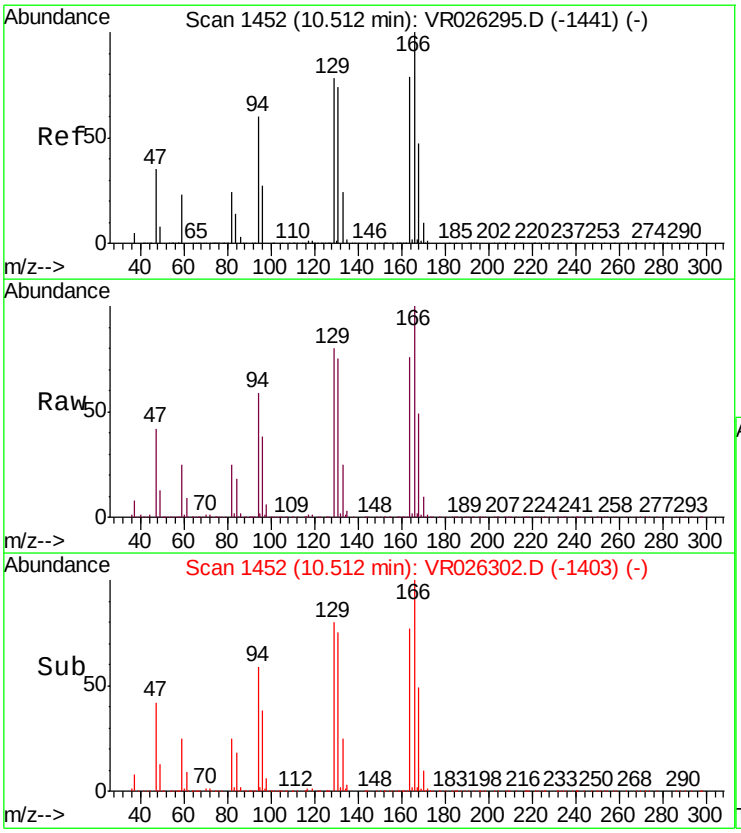
#45
1,1,2-Trichloroethane
Concen: 4.902 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 97 Resp: 71959

Ion	Ratio	Lower	Upper
97	100		
99	57.0	45.0	83.6
83	84.1	57.9	107.5
85	48.7	38.9	72.2

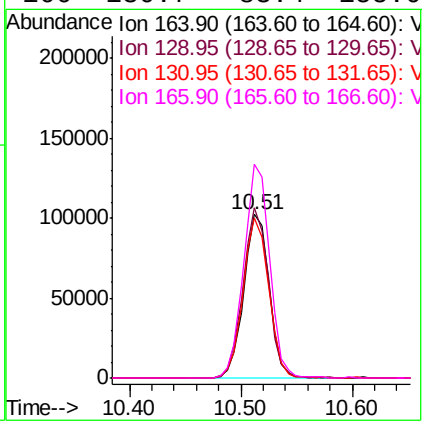


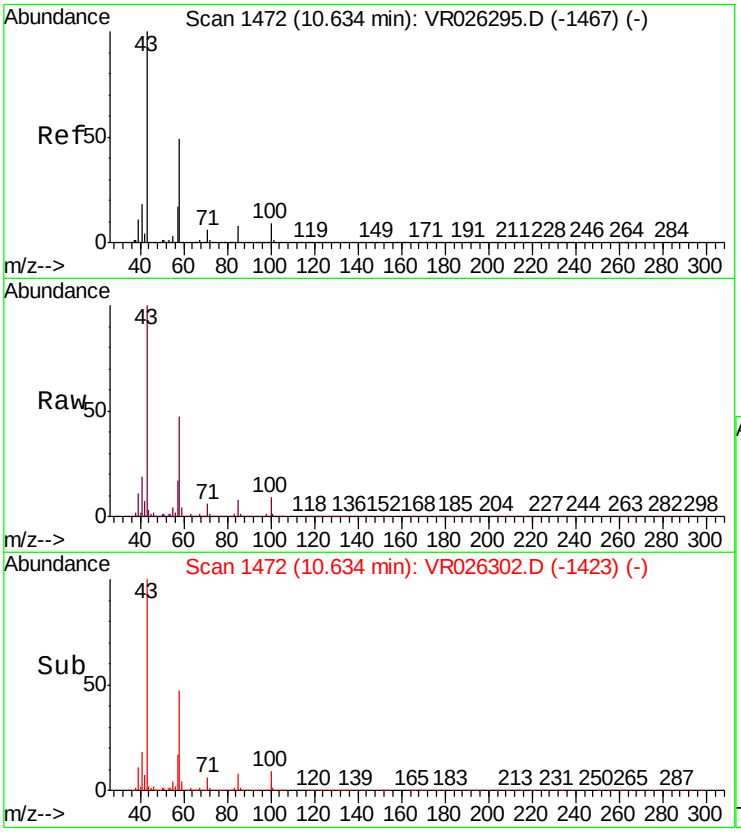


#47
Tetrachloroethene
Concen: 4.678 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:164 Resp: 162033

Ion	Ratio	Lower	Upper
164	100		
129	104.2	65.7	122.1
131	97.8	63.7	118.3
166	130.7	83.4	155.0



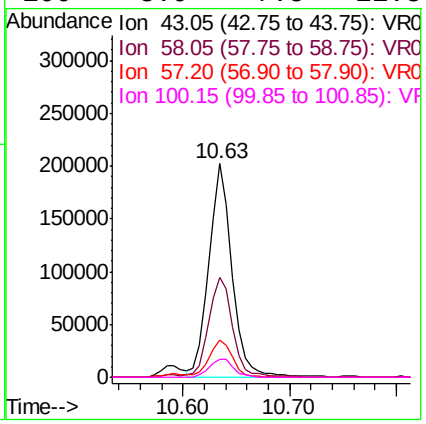


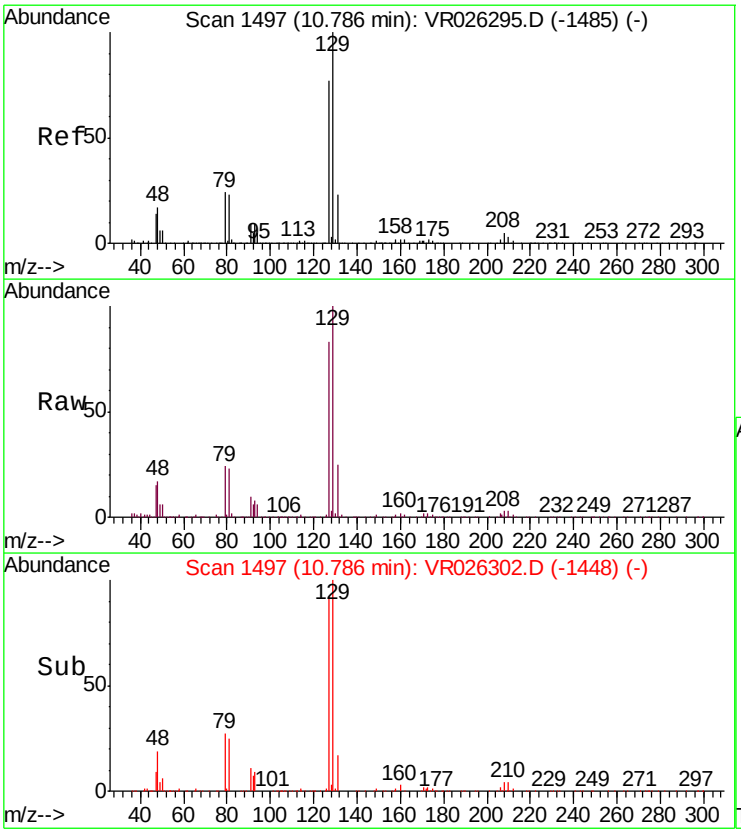
#48
2-Hexanone
Concen: 54.607 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Tgt Ion: 43 Resp: 299524

Ion	Ratio	Lower	Upper
43	100		
58	48.3	40.5	60.7
57	17.4	14.2	21.4
100	8.9	7.5	11.3

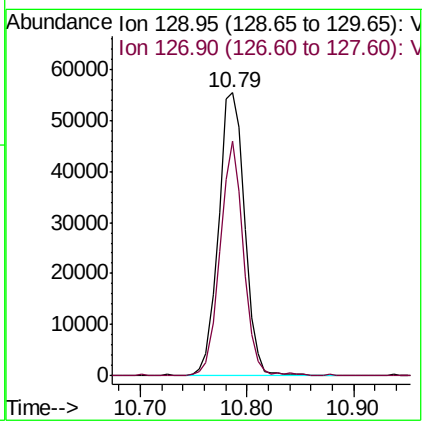


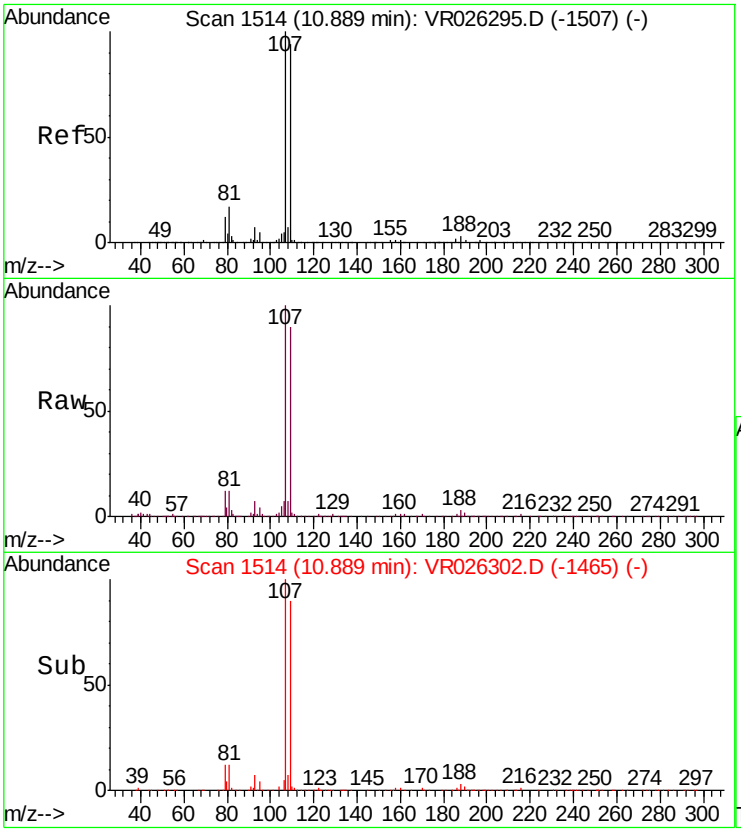


#49
Dibromochloromethane
Concen: 5.105 ug/L
RT: 10.79 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:129 Resp: 95127

Ion	Ratio	Lower	Upper
129	100		
127	83.0	52.6	97.6



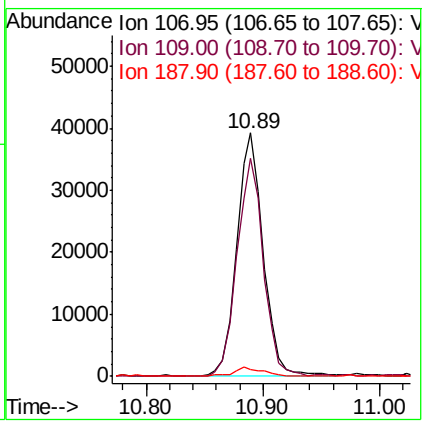


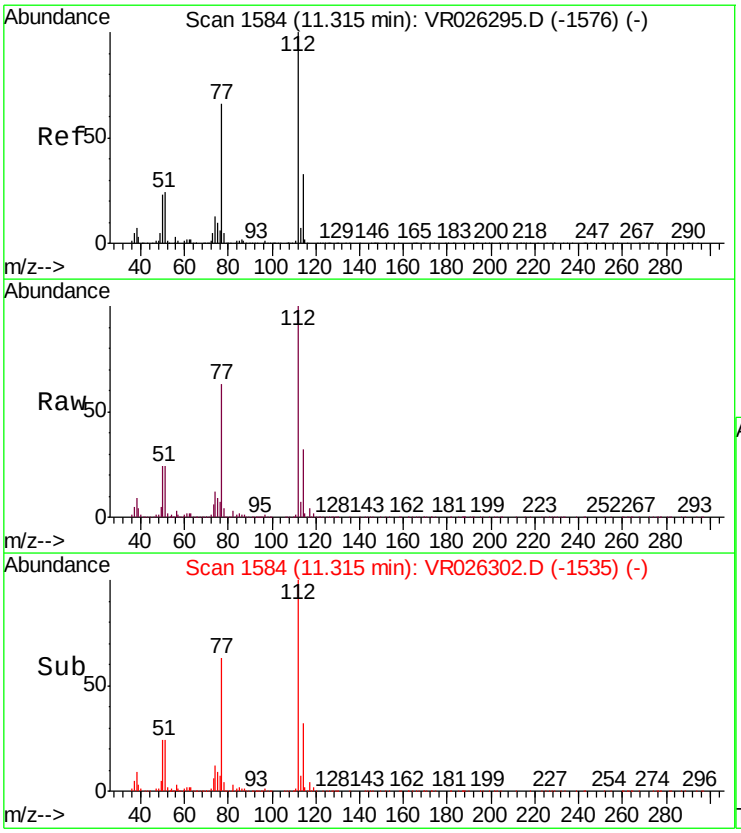
#50
1,2-Dibromoethane
Concen: 5.000 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion:107 Resp: 61825

Ion	Ratio	Lower	Upper
107	100		
109	89.5	62.3	115.7
188	2.5	3.0	4.6#

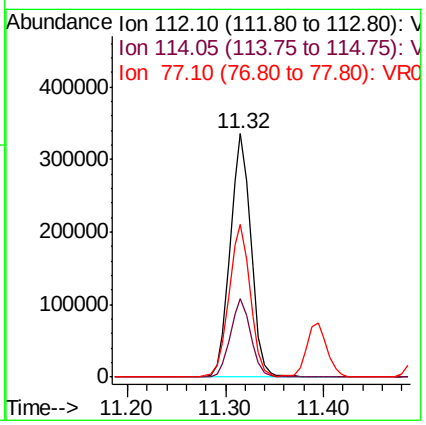


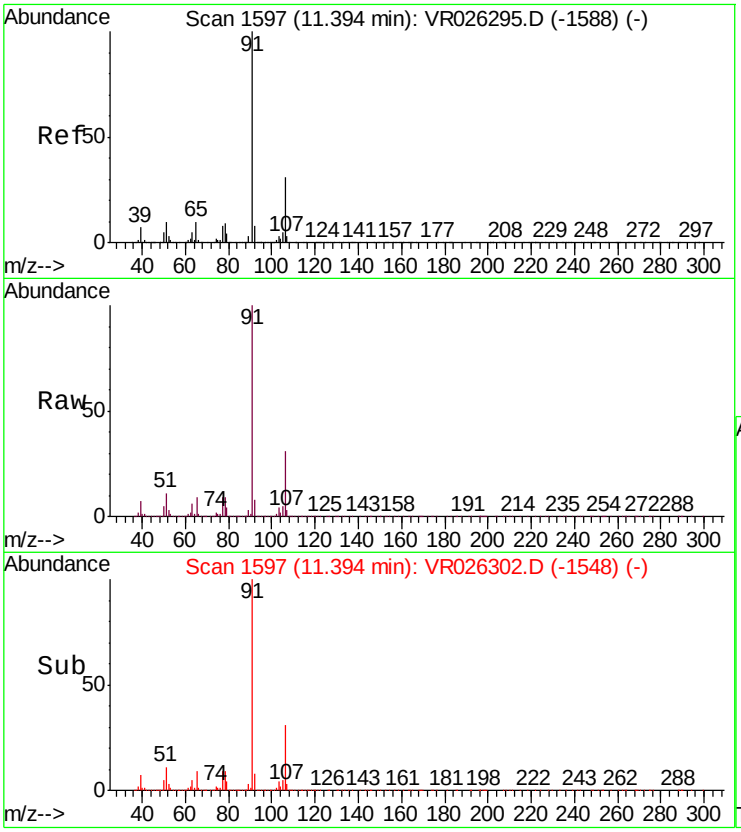


#51
Chlorobenzene
Concen: 4.996 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:112 Resp: 493379

Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.7	40.3
77	62.8	49.4	74.2



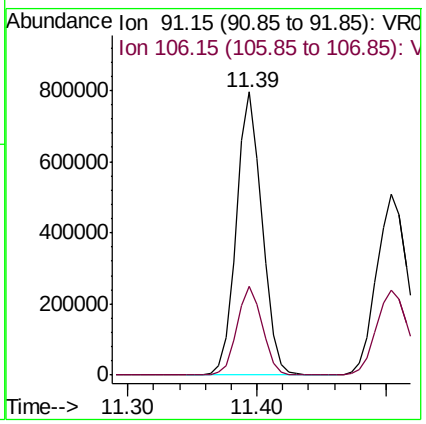


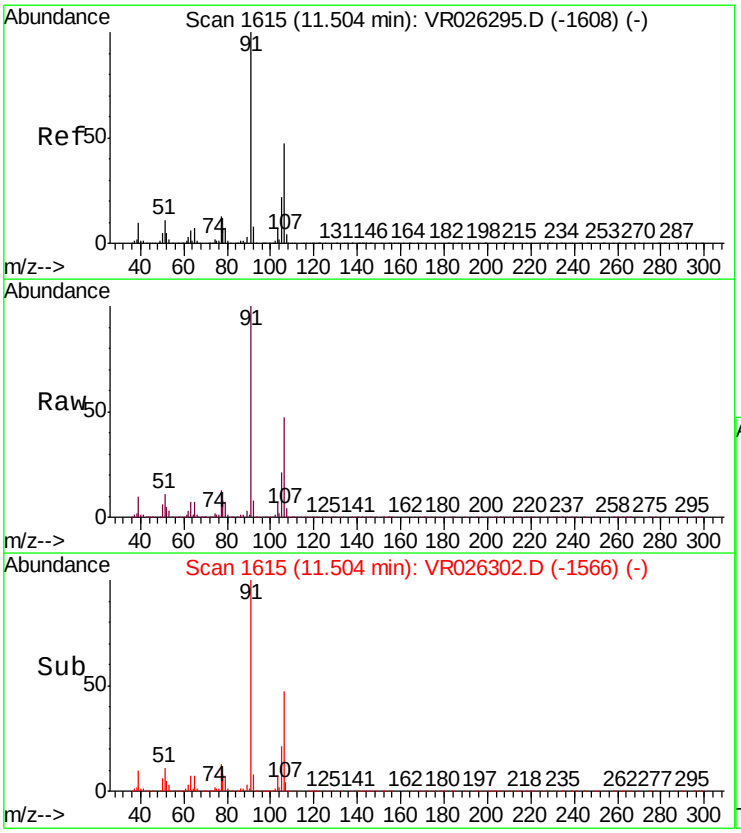
#52
Ethylbenzene
Concen: 5.497 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 91 Resp: 1095250

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.4	39.8

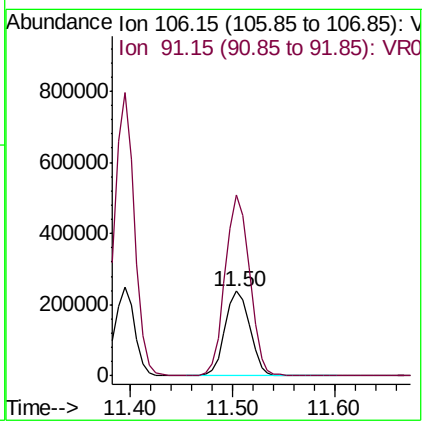


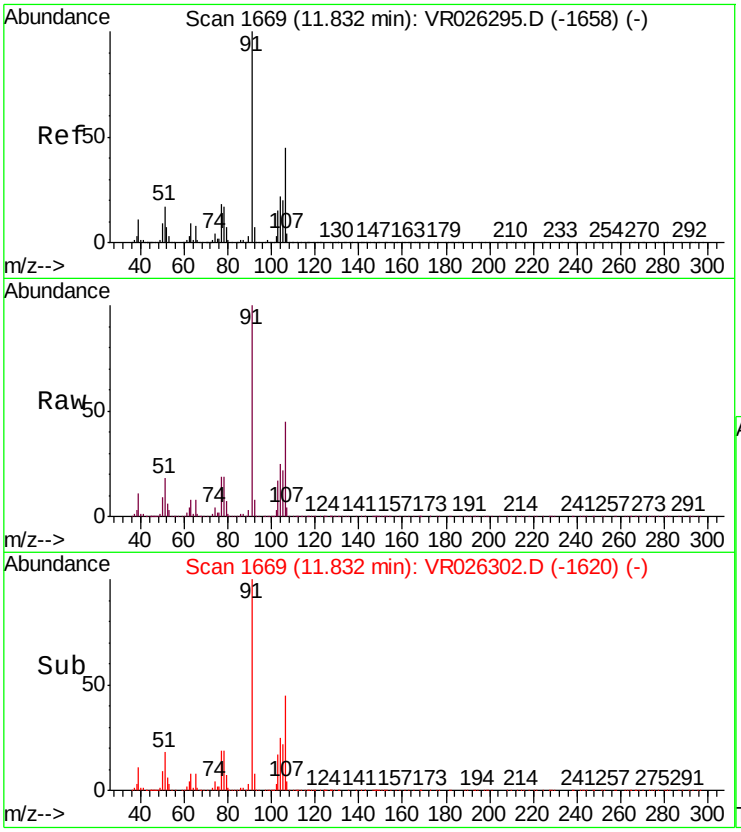


#53
m,p-Xylene
Concen: 5.393 ug/L
RT: 11.50 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:106 Resp: 401902

Ion	Ratio	Lower	Upper
106	100		
91	212.7	145.9	271.1



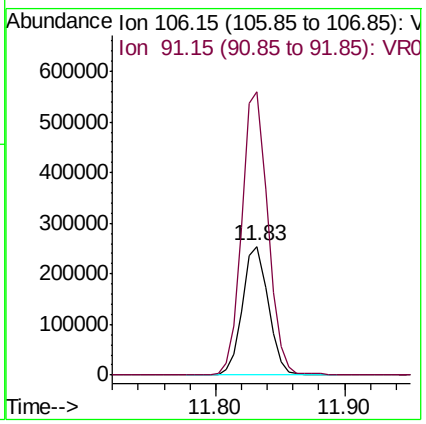


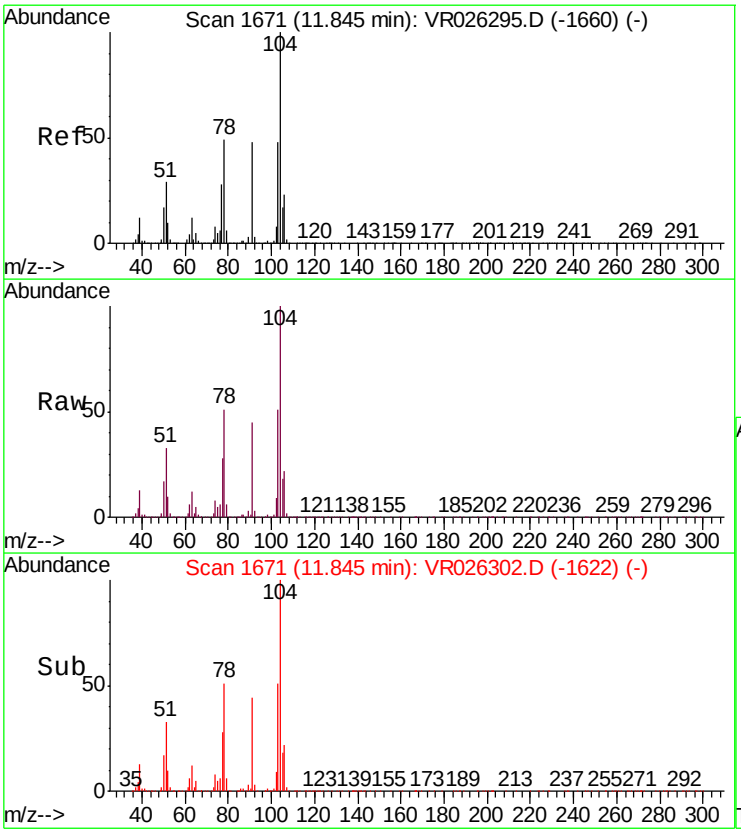
#54
o-Xylene
Concen: 5.432 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Tgt Ion:106 Resp: 352683

Ion	Ratio	Lower	Upper
106	100		
91	220.1	150.4	279.4

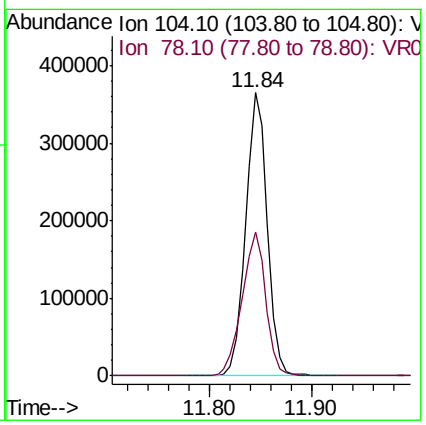


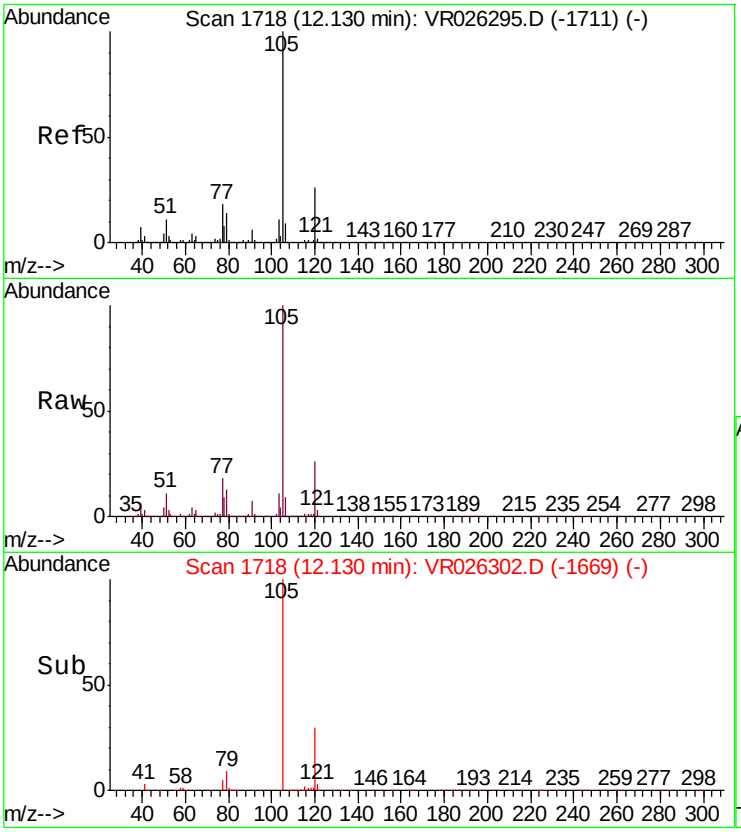


#55
Styrene
Concen: 5.488 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:104 Resp: 538055

Ion	Ratio	Lower	Upper
104	100		
78	51.0	34.6	64.2



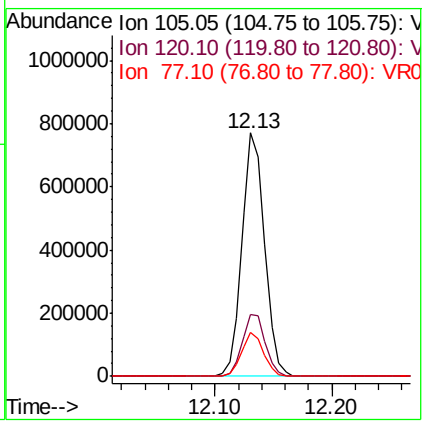


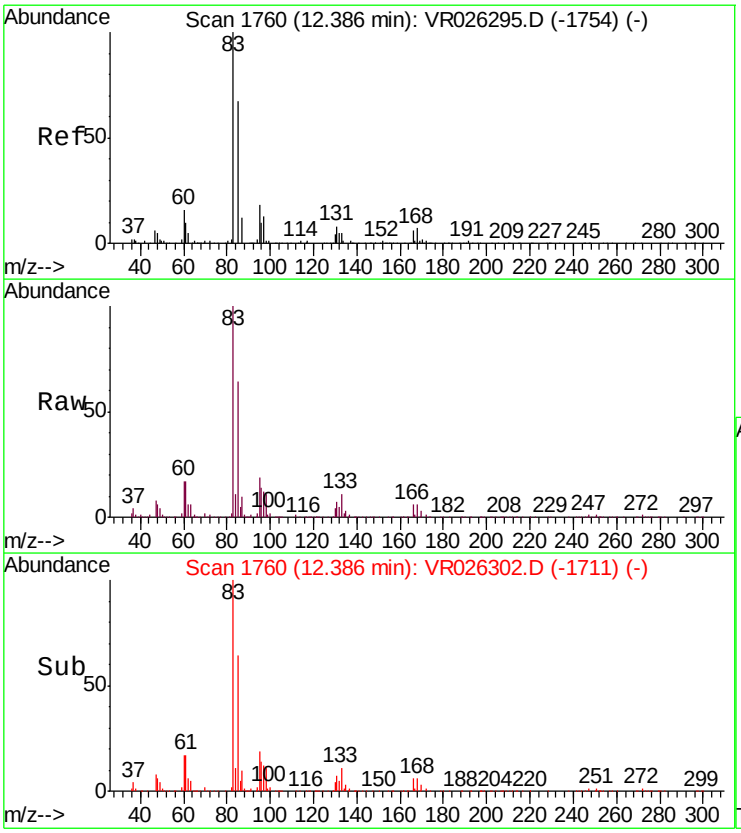
#56
Isopropylbenzene
Concen: 5.673 ug/L
RT: 12.13 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion:105 Resp: 1047266

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.2	31.8
77	17.5	13.6	20.4

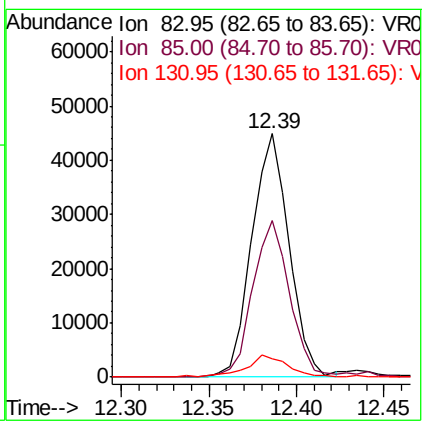


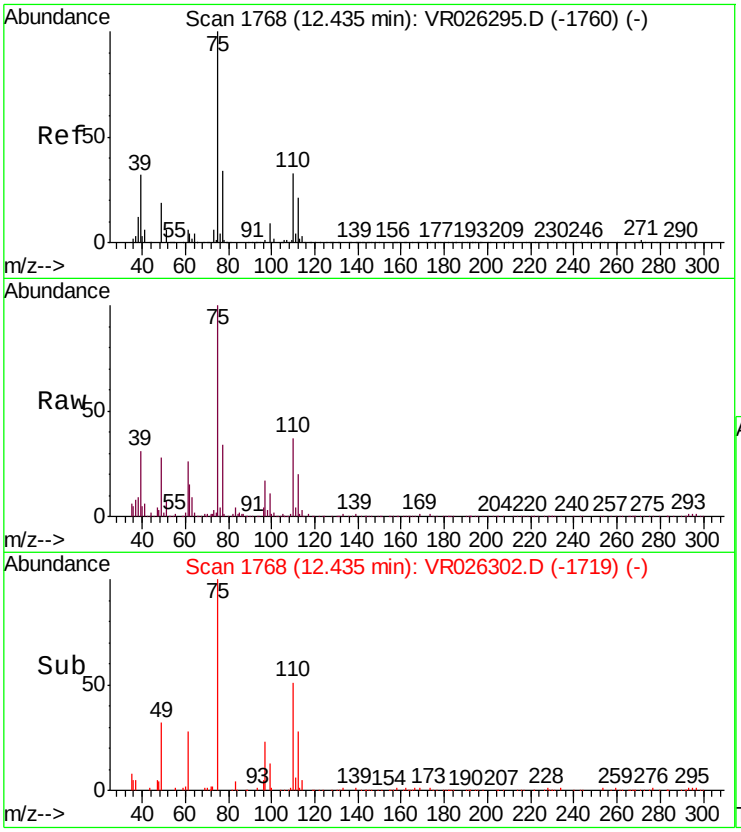


#58
1,1,2,2-Tetrachloroethane
Concen: 5.169 ug/L
RT: 12.39 min Scan# 1760
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 83 Resp: 67011

Ion	Ratio	Lower	Upper
83	100		
85	64.4	46.9	87.1
131	7.5	7.7	11.5#



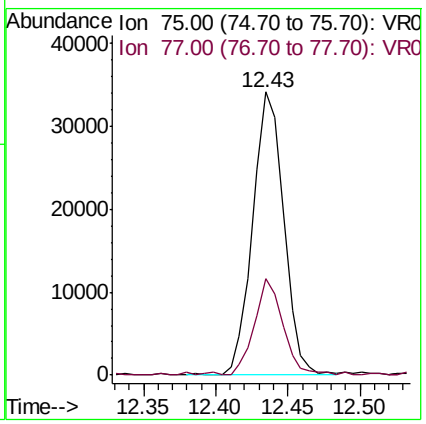


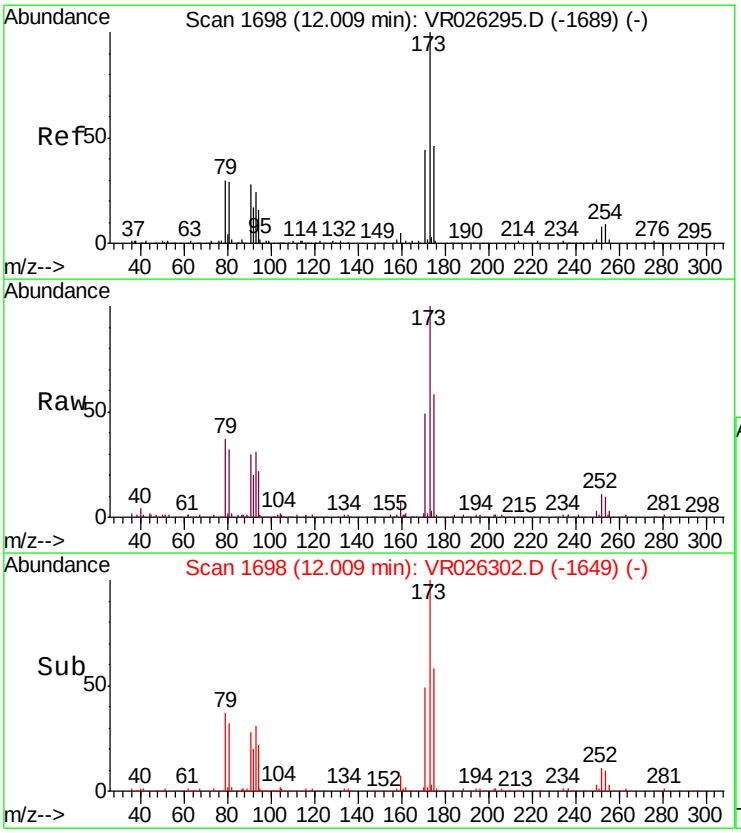
#59
1,2,3-Trichloropropane
Concen: 5.034 ug/L
RT: 12.43 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion: 75 Resp: 50575

Ion	Ratio	Lower	Upper
75	100		
77	30.9	27.0	40.6

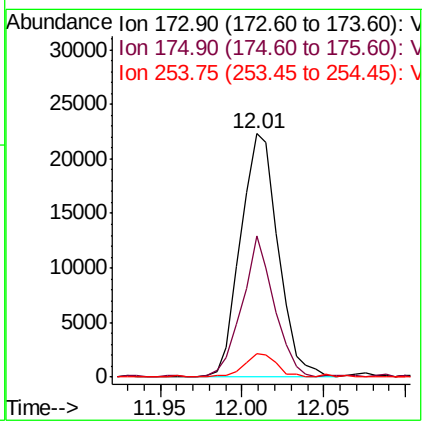


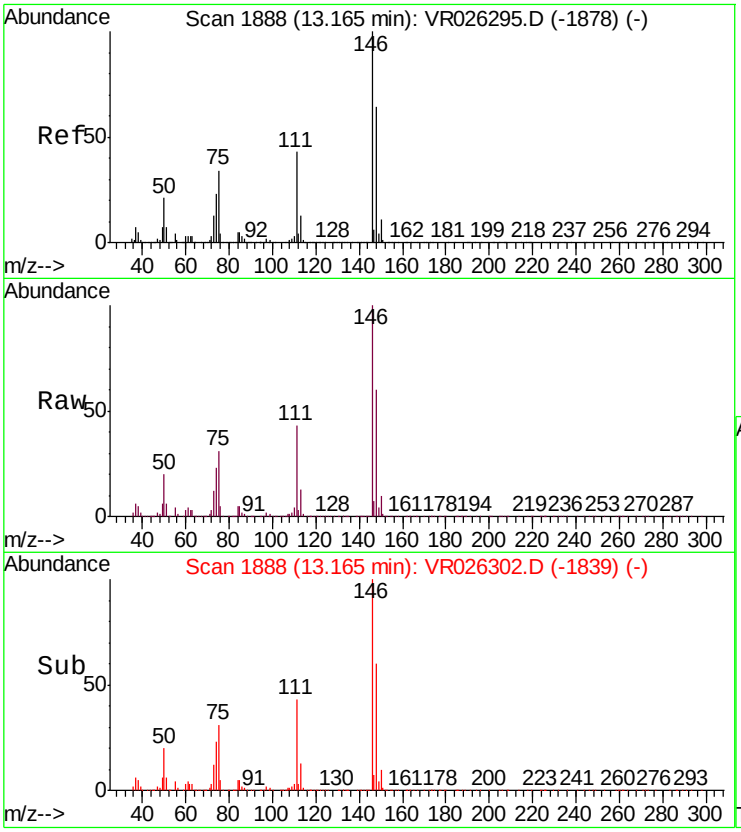


#61
Bromoform
Concen: 5.117 ug/L
RT: 12.01 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:173 Resp: 35846

Ion	Ratio	Lower	Upper
173	100		
175	49.5	40.9	61.3
254	8.6	8.5	12.7



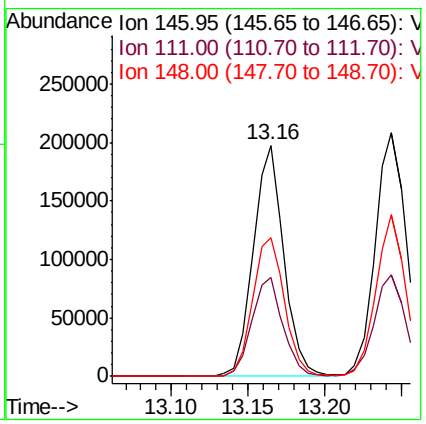


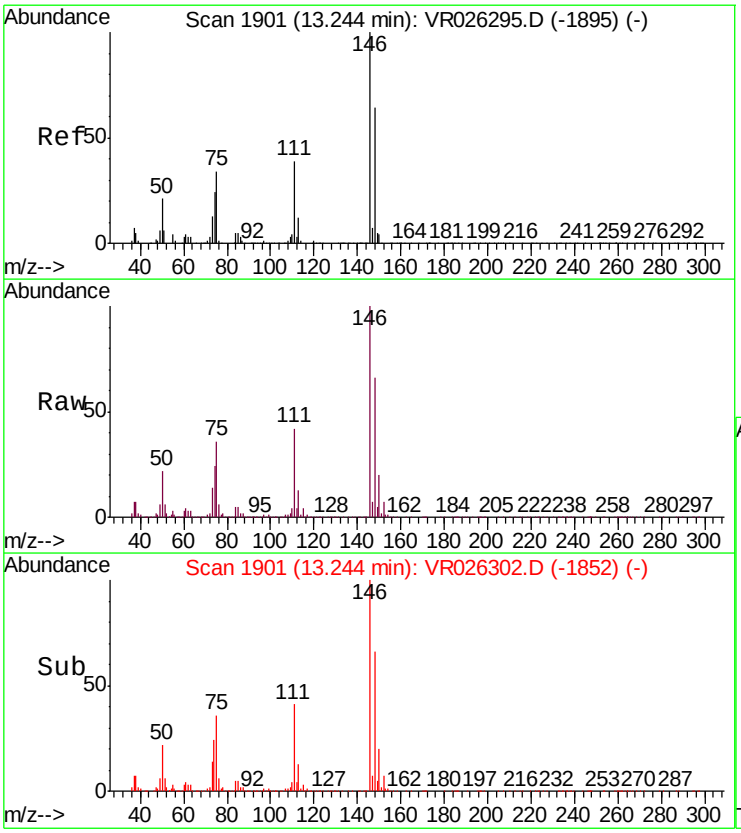
#62
1,3-Dichlorobenzene
Concen: 5.069 ug/L
RT: 13.16 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion:146 Resp: 273196

Ion	Ratio	Lower	Upper
146	100		
111	42.7	30.4	56.4
148	60.0	44.4	82.5

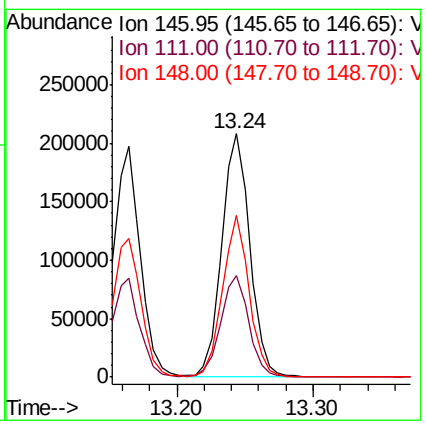


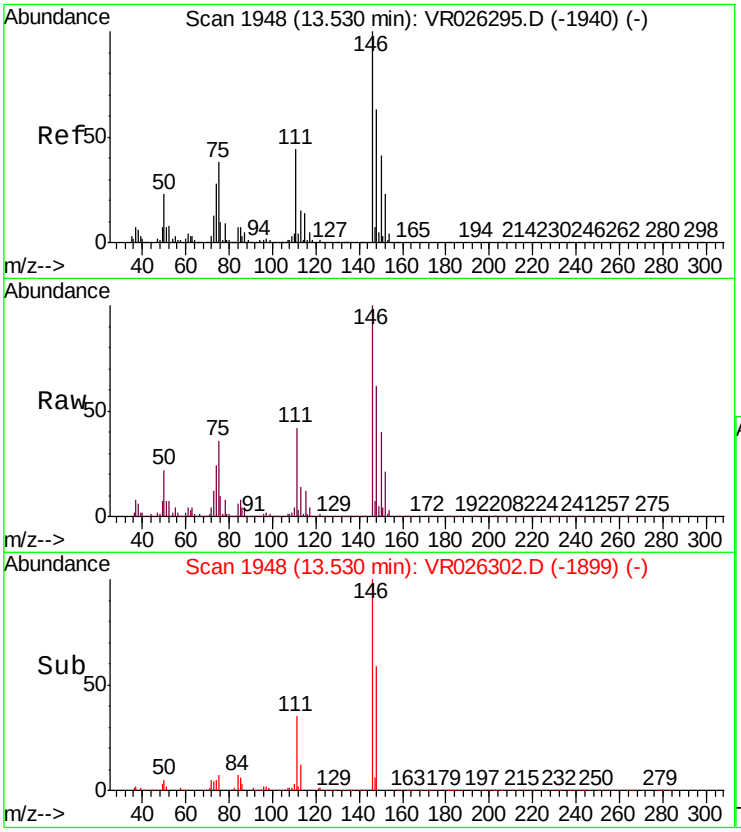


#63
1,4-Dichlorobenzene
Concen: 5.122 ug/L
RT: 13.24 min Scan# 1901
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:146 Resp: 296506

Ion	Ratio	Lower	Upper
146	100		
111	41.5	29.0	53.9
148	66.5	46.7	86.7



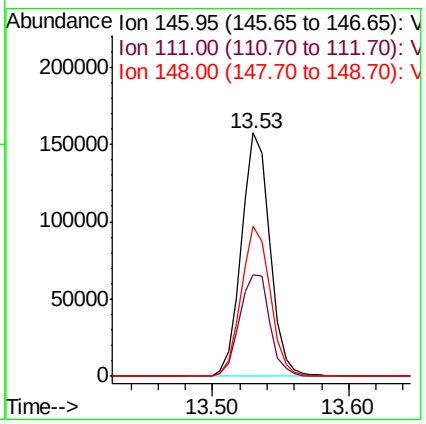


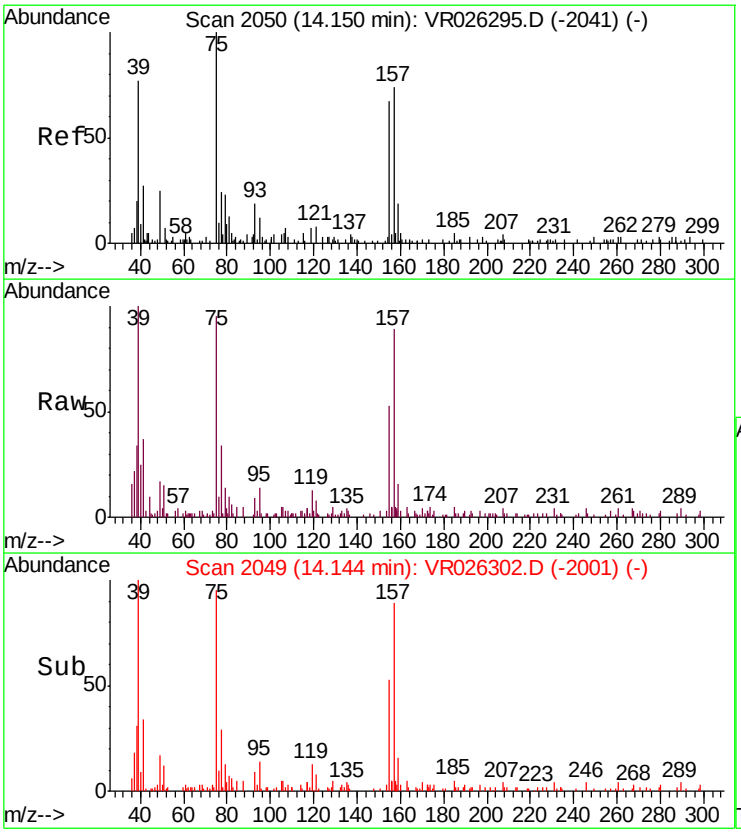
#65
1,2-Dichlorobenzene
Concen: 5.246 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion:146 Resp: 230134

Ion	Ratio	Lower	Upper
146	100		
111	41.8	34.6	52.0
148	61.9	51.0	76.6

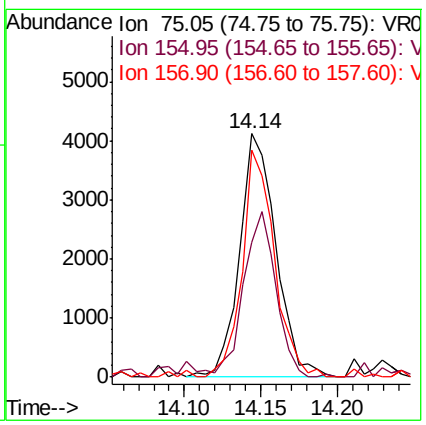


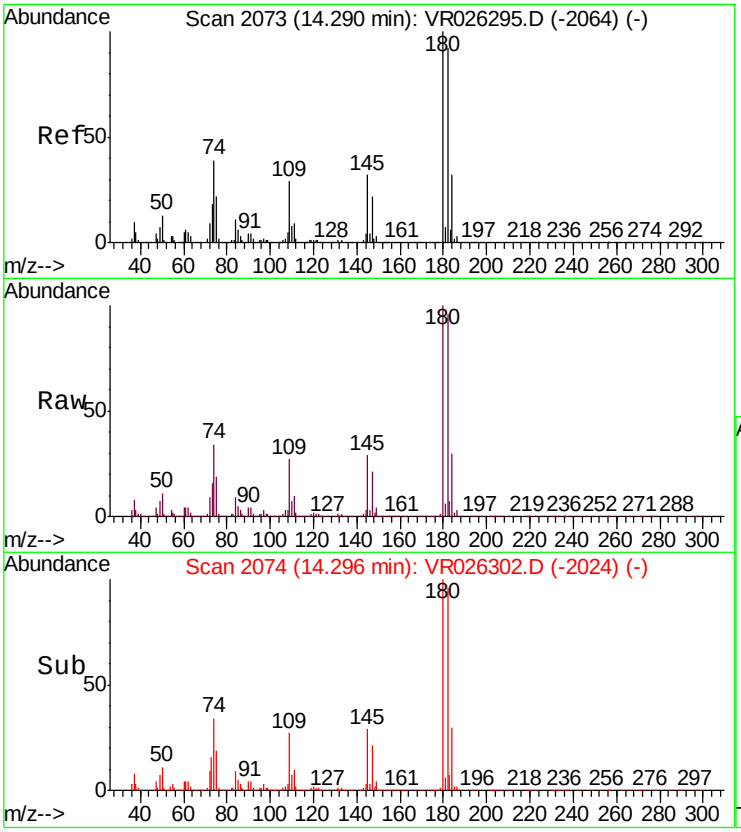


#66
1,2-Dibromo-3-chloropropane
Concen: 4.358 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion: 75 Resp: 6785

Ion	Ratio	Lower	Upper
75	100		
155	55.5	44.4	66.6
157	98.4	66.3	99.5



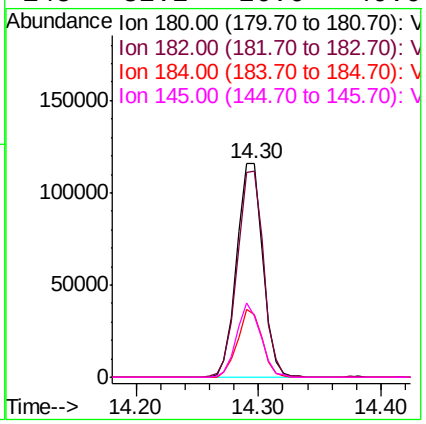


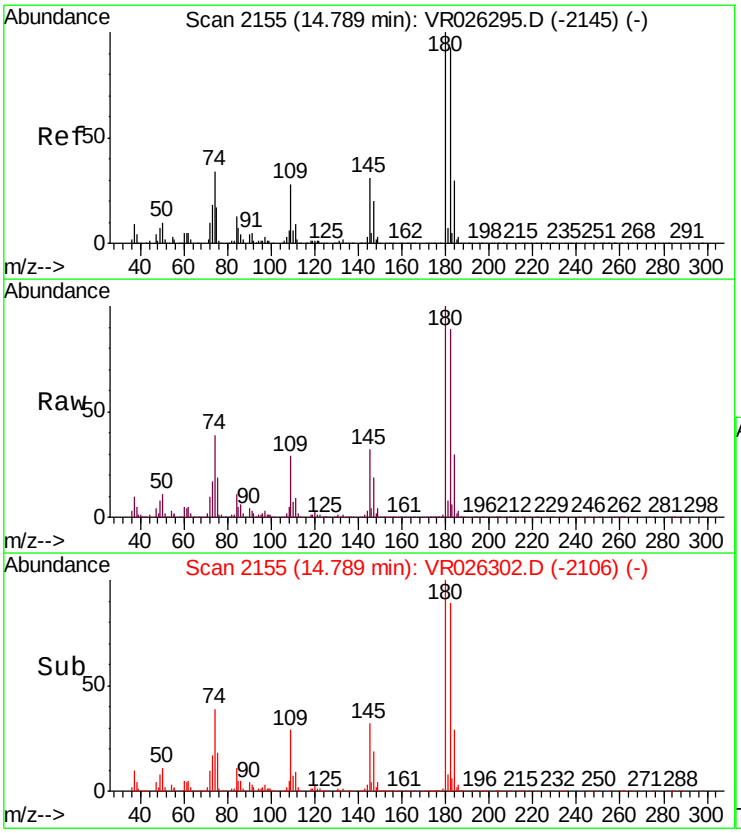
#67
1,3,5-Trichlorobenzene
Concen: 4.924 ug/L
RT: 14.30 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion:180 Resp: 169963

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.3	115.9
184	30.2	24.4	36.6
145	32.2	26.6	40.0

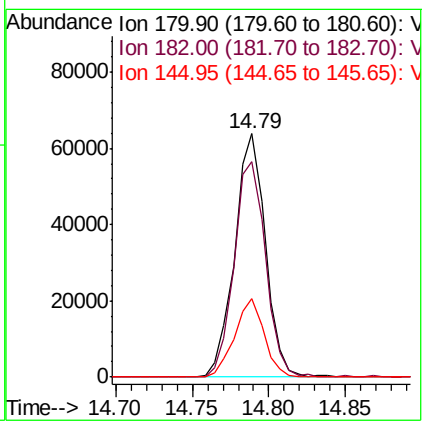


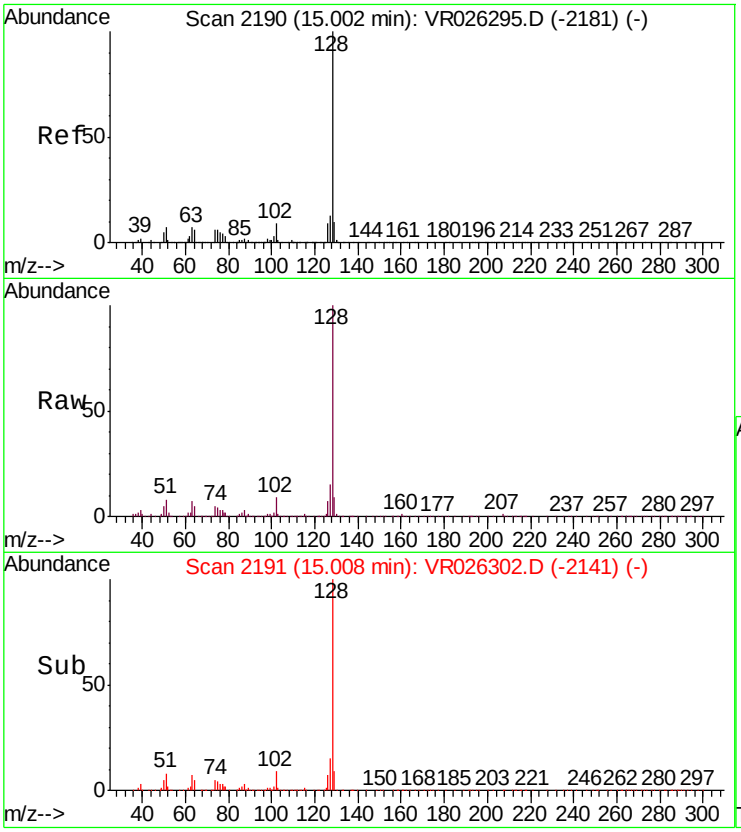


#68
1,2,4-trichlorobenzene
Concen: 4.723 ug/L
RT: 14.79 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:180 Resp: 88556

Ion	Ratio	Lower	Upper
180	100		
182	90.8	75.8	113.6
145	31.0	27.0	40.4



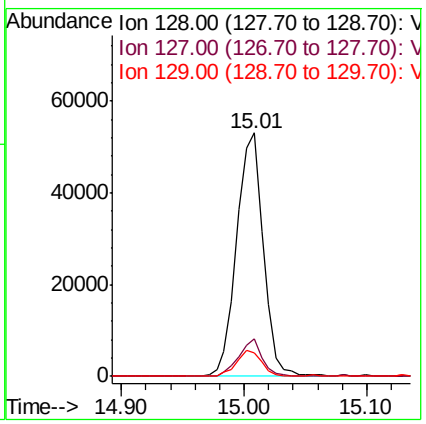


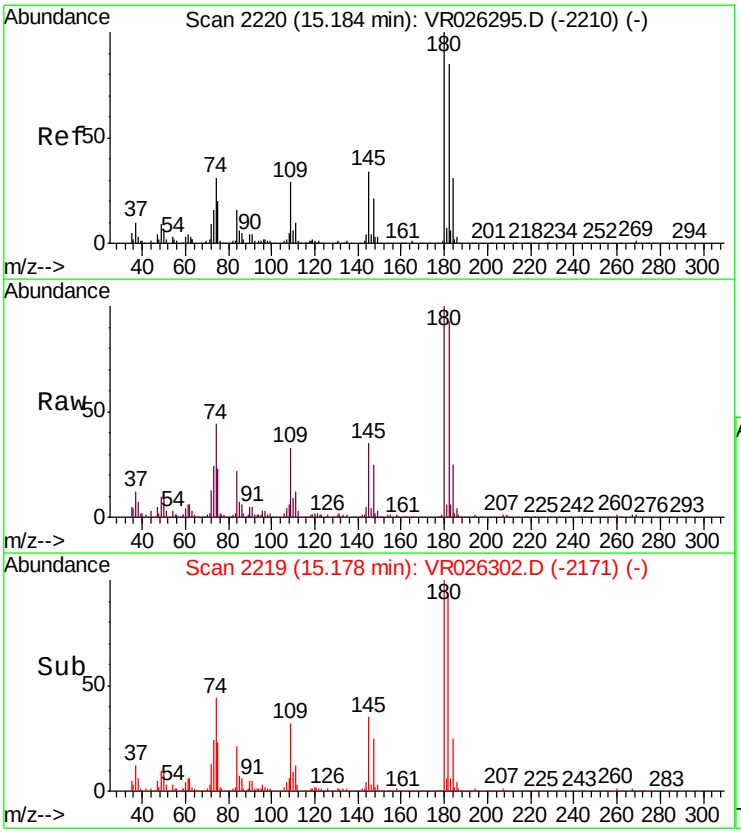
#69
Naphthalene
Concen: 4.732 ug/L
RT: 15.01 min Scan# 2191
Delta R.T. 0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Instrument :
MSVOA_R
ClientSampleId :
VSTD00592

Tgt Ion:128 Resp: 79696

Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.1	16.7
129	10.1	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 4.813 ug/L
RT: 15.18 min Scan# 2219
Delta R.T. -0.01 min
Lab File: VR026302.D
Acq: 24 Dec 2018 17:30

Tgt Ion:180 Resp: 62590

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.1	112.7
145	34.9	25.8	38.6