Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR121718\

Quantitation Report (Not Reviewed)

Data File : VR026270.D
Acq On : 17 Dec 2018 18:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Quant Time: Dec 18 00:26:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 17 18:11:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	630082	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	522939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	201926	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	198766	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	2.63	69	196429	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	3.61	63	570630	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.80%			
20) 2-Butanone-d5	6.59	46	178640	50.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.34%			
24) Chloroform-d	7.20	84	415527	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	7.90	65	153005	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	7.86	84	804265	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	8.90	67	200298	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	9.97	98	755209	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	10.24	79	53686	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.40%			
46) 2-Hexanone-d5	10.59	63	125744	53.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.56%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75000	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	146987	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	278215	5.318	ug/L	100
3) Chloromethane	2.01	50	323310	5.175	ug/L	95
5) Vinyl chloride	2.16	62	334127	5.261	ug/L	96
6) Bromomethane	2.53	94	219389	5.177	ug/L	100
8) Chloroethane	2.66	64	201545	5.148	ug/L	99
9) Trichlorofluoromethane	2.94	101	530139	5.443	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	287022	5.401	ug/L	98
12) 1,1-Dichloroethene	3.63	96	301693	5.347	ug/L	89
13) Acetone	3.70	43	178663	49.258	ug/L	98
14) Carbon disulfide	3.94	76	982074	5.302	ug/L	98
15) Methyl Acetate	4.19	43	50013	5.167	ug/L	98
16) Methylene chloride	4.41	84	237807	4.938	ug/L	99
17) Methyl tert-butyl Ether	4.90	73	263674	5.455	ug/L	100
18) trans-1,2-Dichloroethene	4.88	96	256229	5.124	ug/L	93
19) 1,1-Dichloroethane	5.70	63	449517	4.917	ug/L	98
21) 2-Butanone	6.69	43	227443	52.875	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	230177	5.154	ug/L #	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR121718\

Quantitation Report (Not Reviewed)

Data File : VR026270.D
Acq On : 17 Dec 2018 18:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Quant Time: Dec 18 00:26:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 17 18:11:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	62977	4.788	ug/L		97
25) Chloroform	7.23	83	431501	4.978	ug/L		96
27) 1,2-Dichloroethane	7.99	62	192130	5.141	ug/L		100
29) 1,1,1-Trichloroethane	7.43	97	419967	4.904	ug/L		96
30) Cyclohexane	7.52	56	426113	5.614	ug/L		100
31) Carbon tetrachloride	7.64	117	381908	4.898	ug/L		100
33) Benzene	7.91	78	1025934	4.984	ug/L		100
34) Trichloroethene	8.71	95	269692	4.969	ug/L		97
35) Methylcyclohexane	8.95	83	432980	5.503	ug/L		97
37) 1,2-Dichloropropane	9.00	63	205749	4.881	ug/L		100
38) Bromodichloromethane	9.28	83	232641	4.872	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	243924	5.261	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	570741	56.261	ug/L		99
42) Toluene	10.04	91	1094617	5.202	ug/L		95
44) trans-1,3-Dichloropropene	10.26	75	172359	5.231	ug/L		99
45) 1,1,2-Trichloroethane	10.45	97	85447	4.883	ug/L		96
47) Tetrachloroethene	10.51	164	200723	4.861	ug/L		91
48) 2-Hexanone	10.63	43	365615	55.915	ug/L		97
49) Dibromochloromethane	10.79	129	111960	5.040	ug/L		97
50) 1,2-Dibromoethane	10.89	107	71423	4.845	ug/L	#	90
51) Chlorobenzene	11.32	112	580220	4.929	ug/L		96
52) Ethylbenzene	11.39	91	1275996	5.372	ug/L		98
53) m,p-Xylene	11.50	106	466023	5.246	ug/L		95
54) o-Xylene	11.83	106	418506	5.407	ug/L		98
55) Styrene	11.84	104	622593	5.327	ug/L		99
56) Isopropylbenzene	12.13	105	1228772	5.583	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	78345	5.070	ug/L		99
59) 1,2,3-Trichloropropane	12.43	75	59879	5.000	ug/L		98
61) Bromoform	12.01	173	41901	4.912	ug/L		96
62) 1,3-Dichlorobenzene	13.16	146	340574	5.189	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	353617	5.016	ug/L		93
65) 1,2-Dichlorobenzene	13.53	146	268613	5.028	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.14	75	8326	4.391	ug/L		86
67) 1,3,5-Trichlorobenzene	14.30	180	216765	5.157	ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	114088	4.996	ug/L		96
69) Naphthalene	15.00	128	104562	5.097	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	82029	5.180	ug/L		99

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

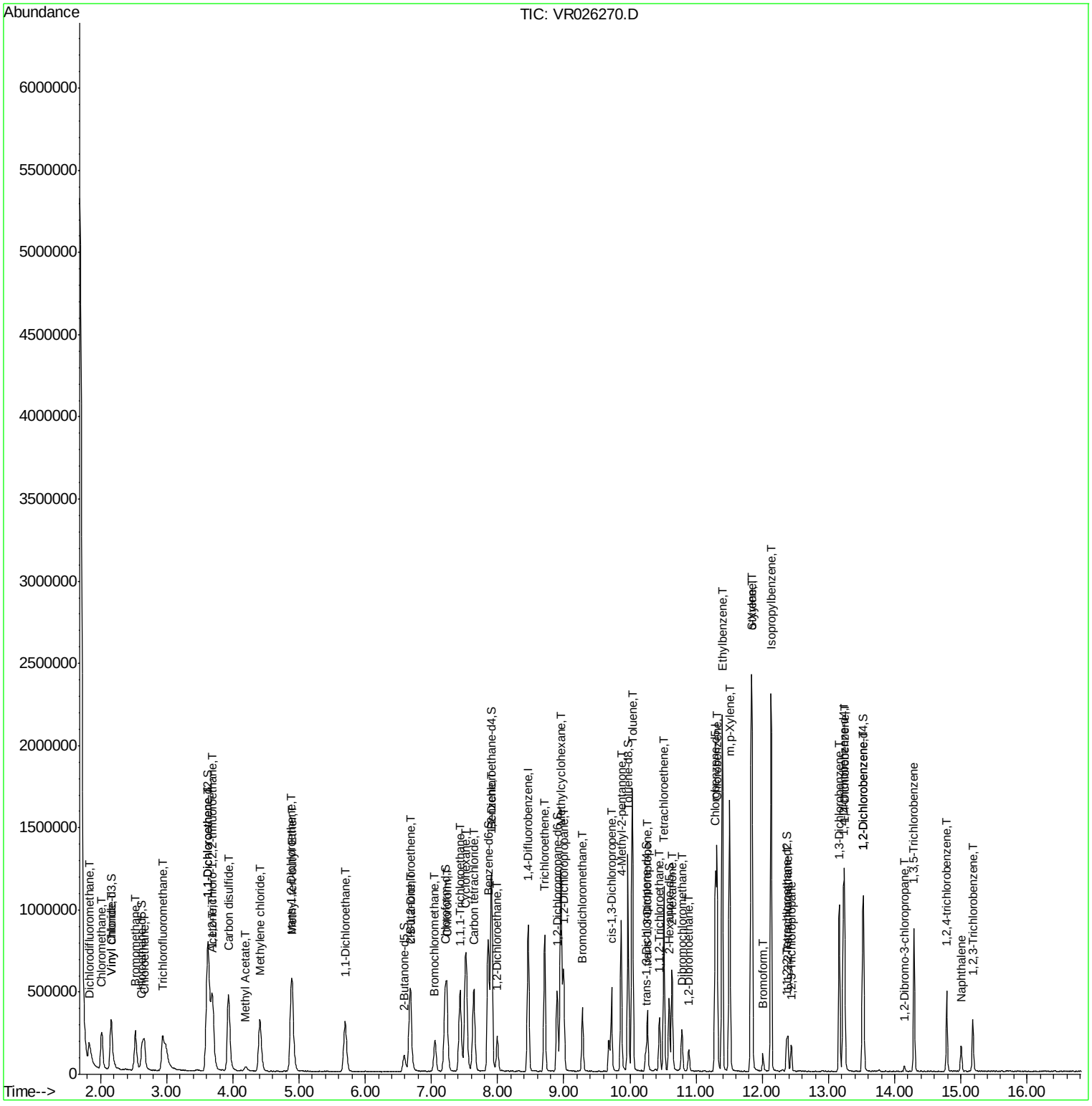
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR121718\

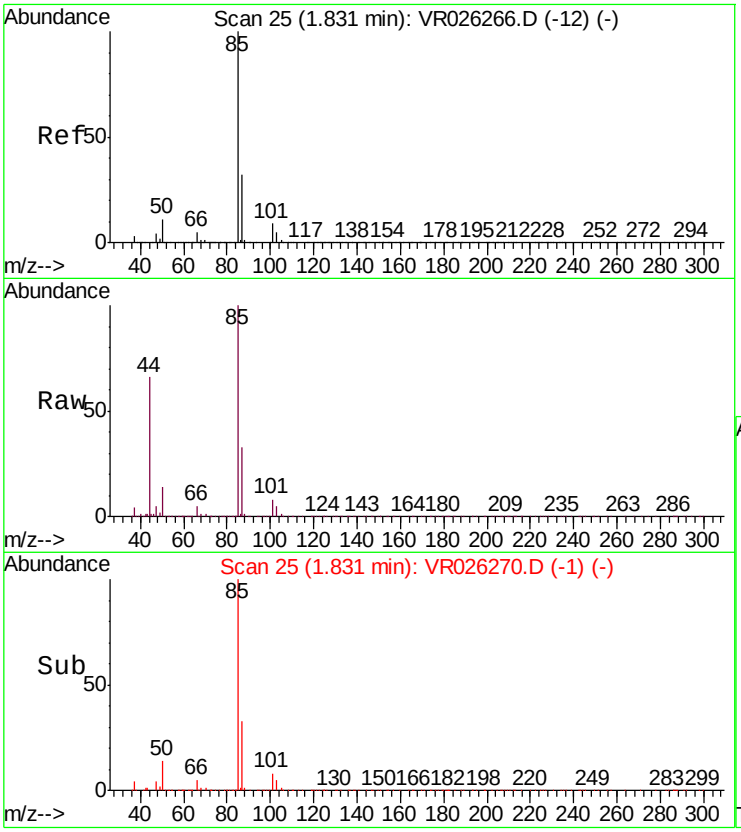
Quantitation Report (Not Reviewed)

Data File : VR026270.D
Acq On : 17 Dec 2018 18:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Quant Time: Dec 18 00:26:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 17 18:11:53 2018
Response via : Initial Calibration



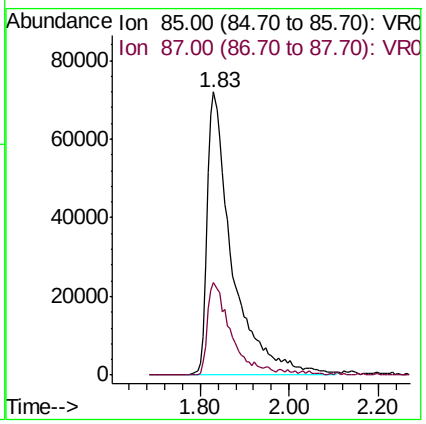


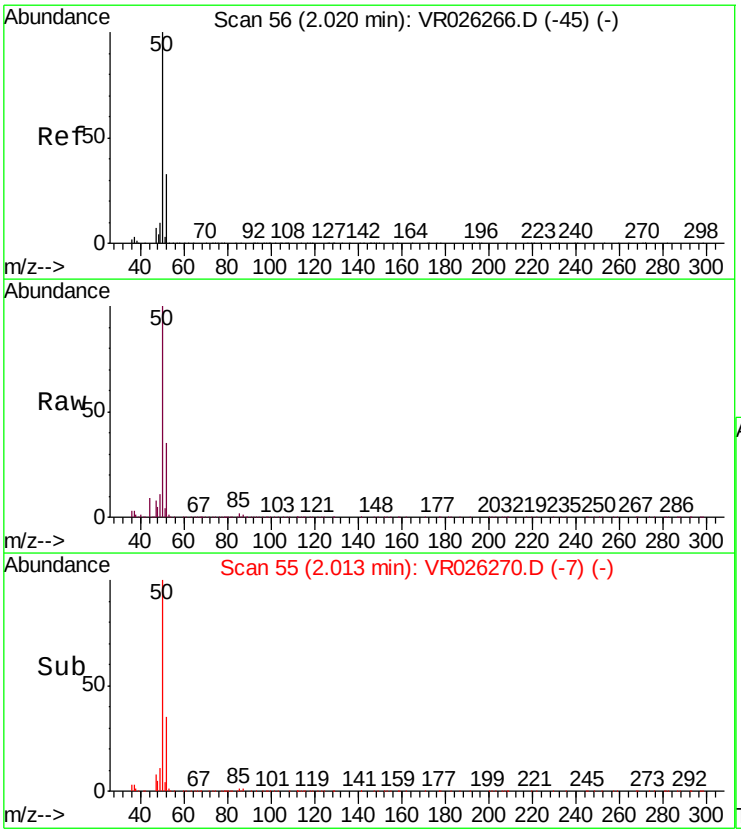
#2
Dichlorodifluoromethane
Concen: 5.318 ug/L
RT: 1.83 min Scan# 25
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 85 Resp: 278215

Ion	Ratio	Lower	Upper
85	100		
87	29.6	23.8	35.6

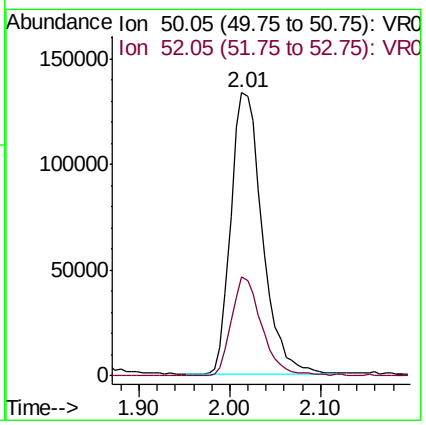


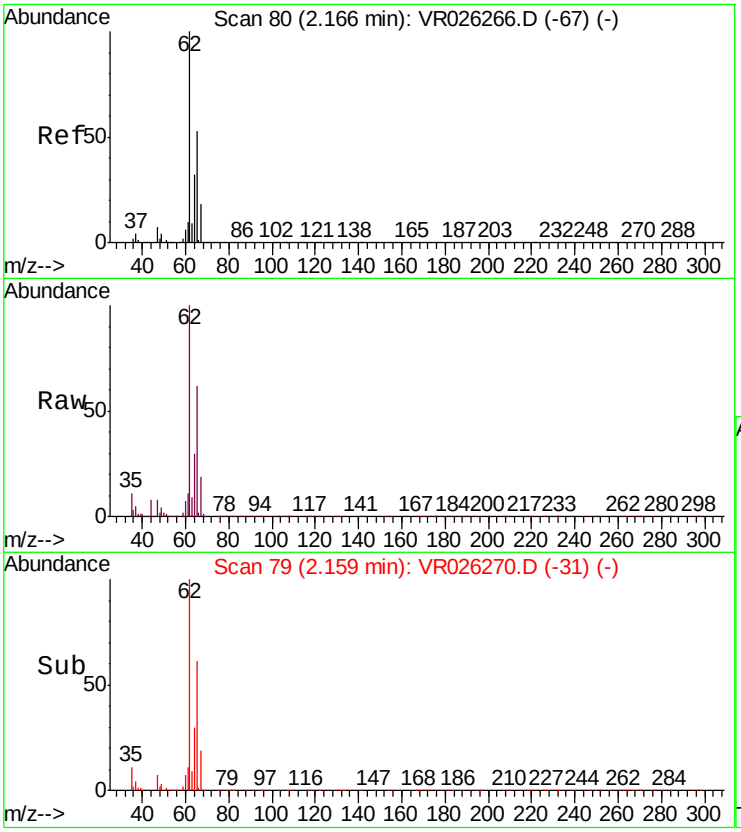


#3
Chloromethane
Concen: 5.175 ug/L
RT: 2.01 min Scan# 55
Delta R.T. -0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 50 Resp: 323310

Ion	Ratio	Lower	Upper
50	100		
52	35.2	22.8	42.4



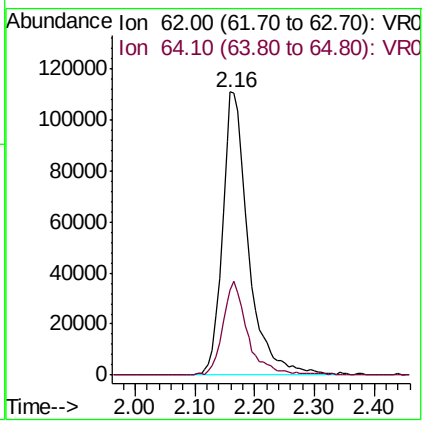


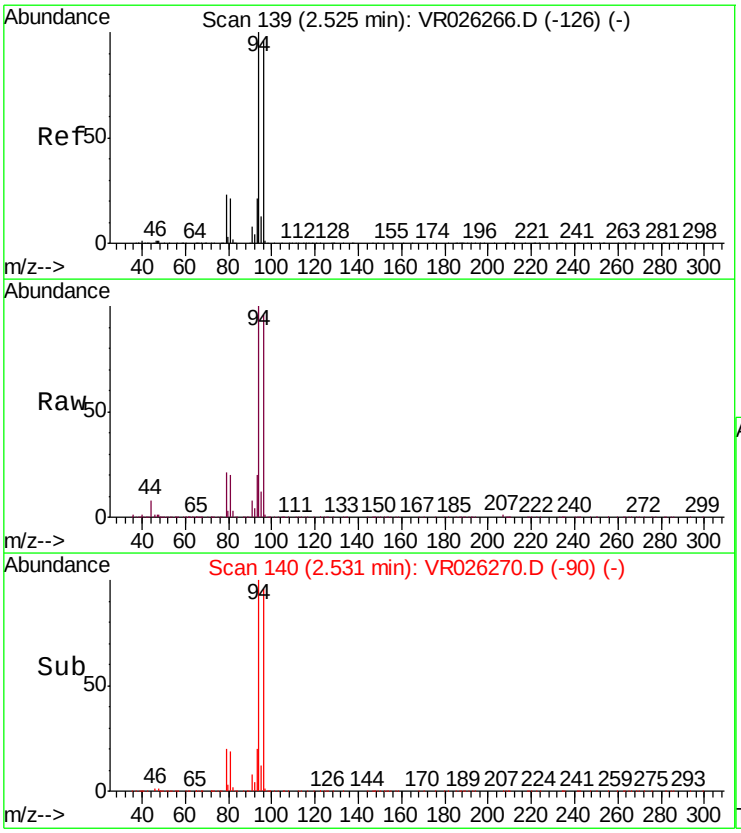
#5
Vinyl chloride
Concen: 5.261 ug/L
RT: 2.16 min Scan# 79
Delta R.T. -0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 62 Resp: 334127

Ion	Ratio	Lower	Upper
62	100		
64	30.2	22.7	42.1

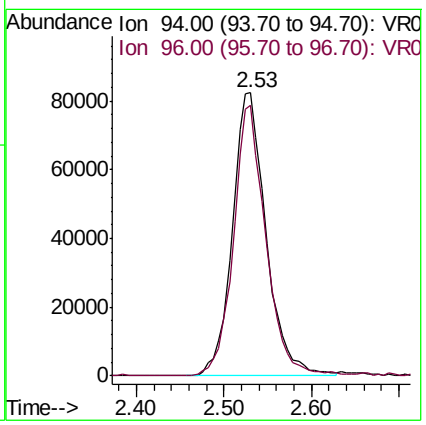


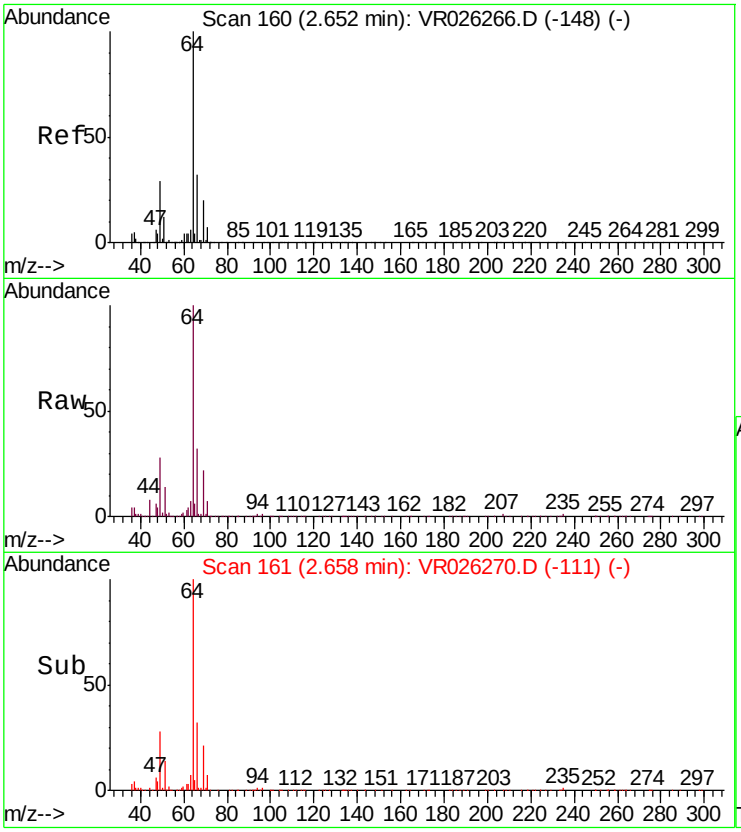


#6
Bromomethane
Concen: 5.177 ug/L
RT: 2.53 min Scan# 140
Delta R.T. 0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 94 Resp: 219389

Ion	Ratio	Lower	Upper
94	100		
96	95.7	67.1	124.5



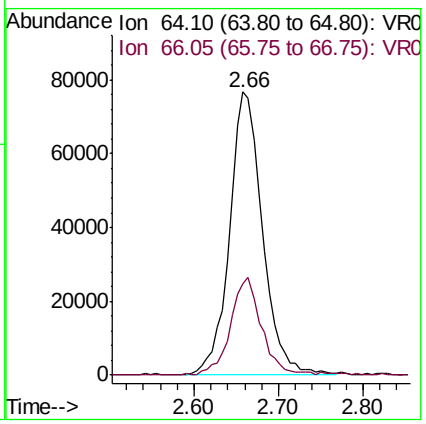


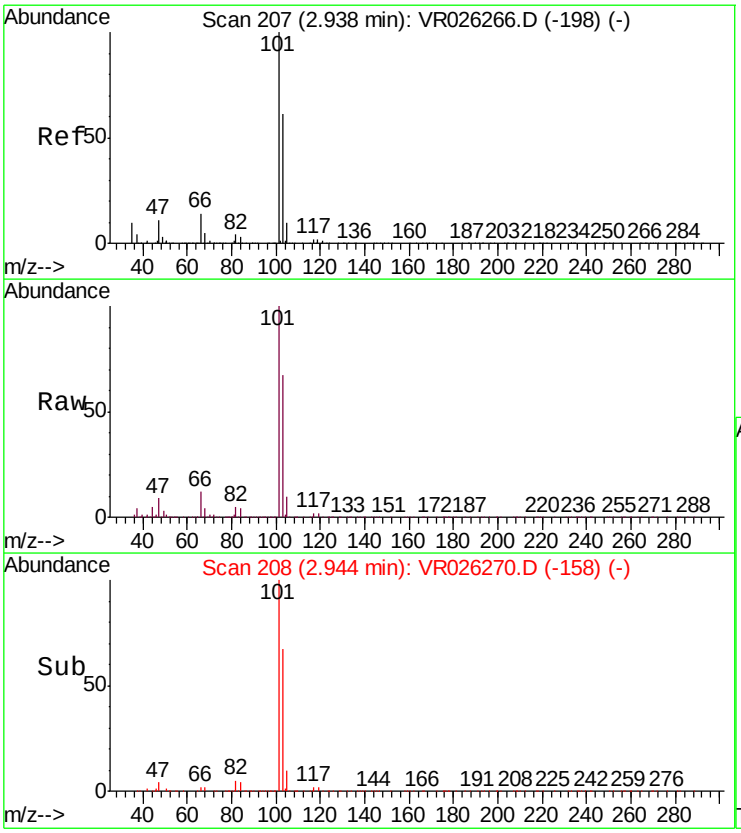
#8
Chloroethane
Concen: 5.148 ug/L
RT: 2.66 min Scan# 161
Delta R.T. 0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 64 Resp: 201545

Ion	Ratio	Lower	Upper
64	100		
66	32.2	22.2	41.2

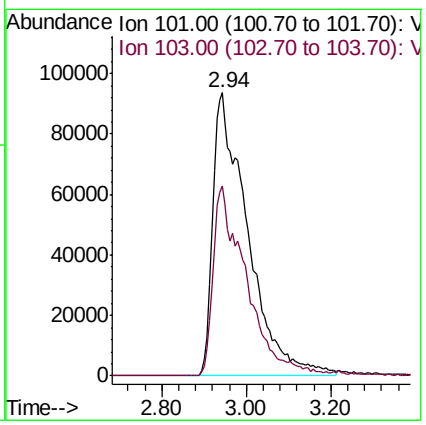


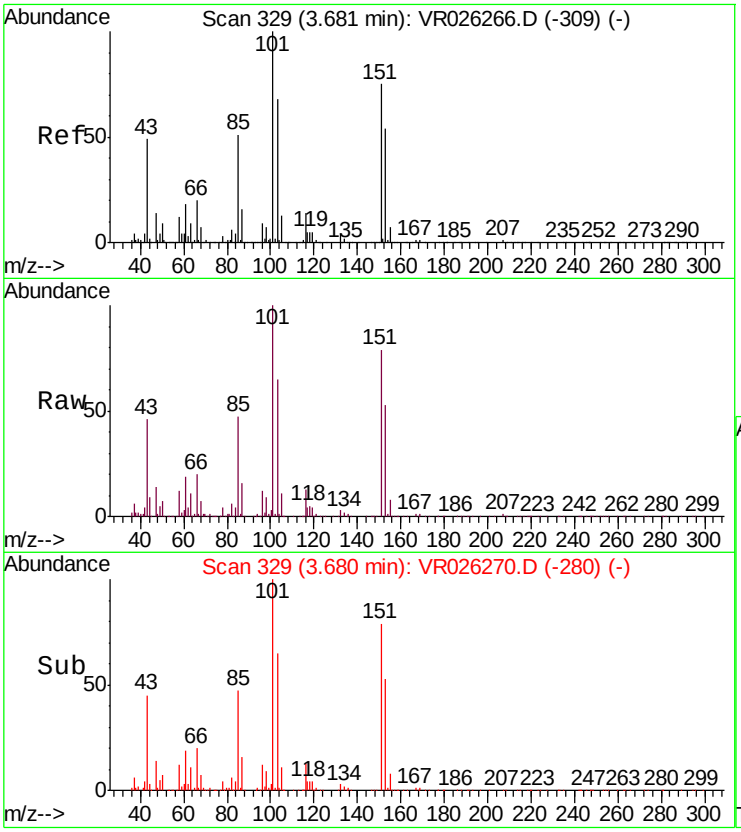


#9
Trichlorofluoromethane
Concen: 5.443 ug/L
RT: 2.94 min Scan# 208
Delta R.T. 0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:101 Resp: 530139

Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.4	78.6



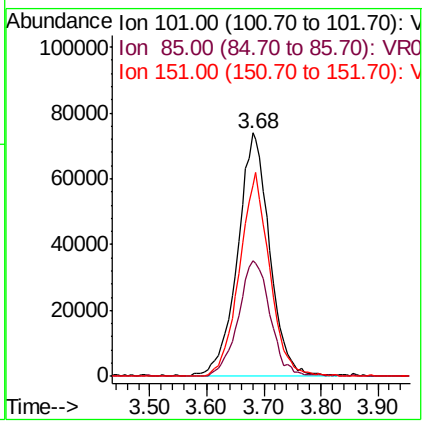


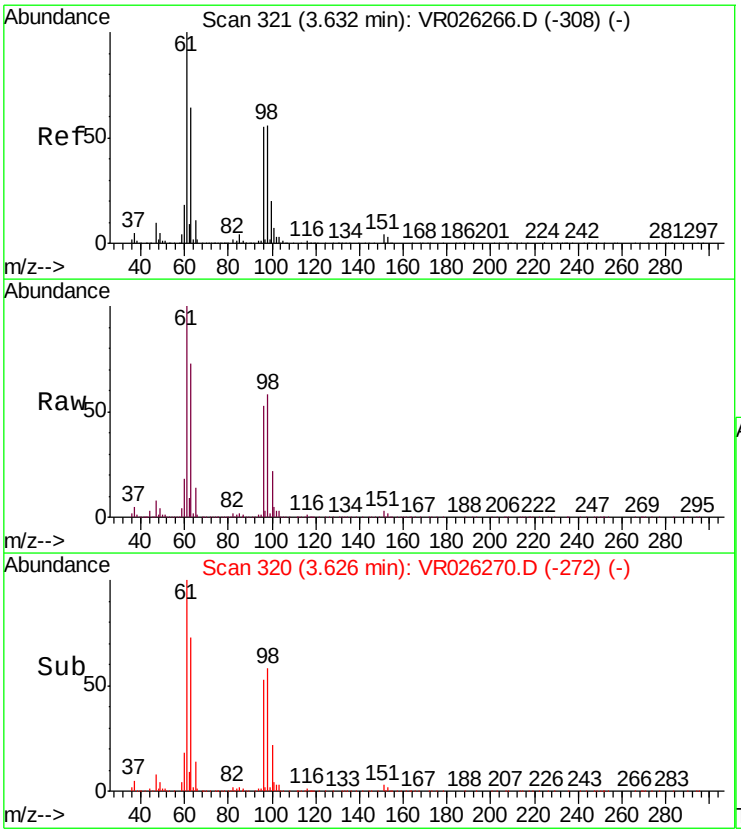
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.401 ug/L
RT: 3.68 min Scan# 329
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion:101 Resp: 287022

Ion	Ratio	Lower	Upper
101	100		
85	47.6	38.2	57.2
151	79.2	61.7	92.5

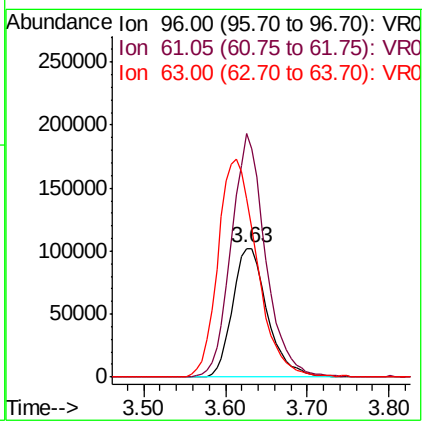


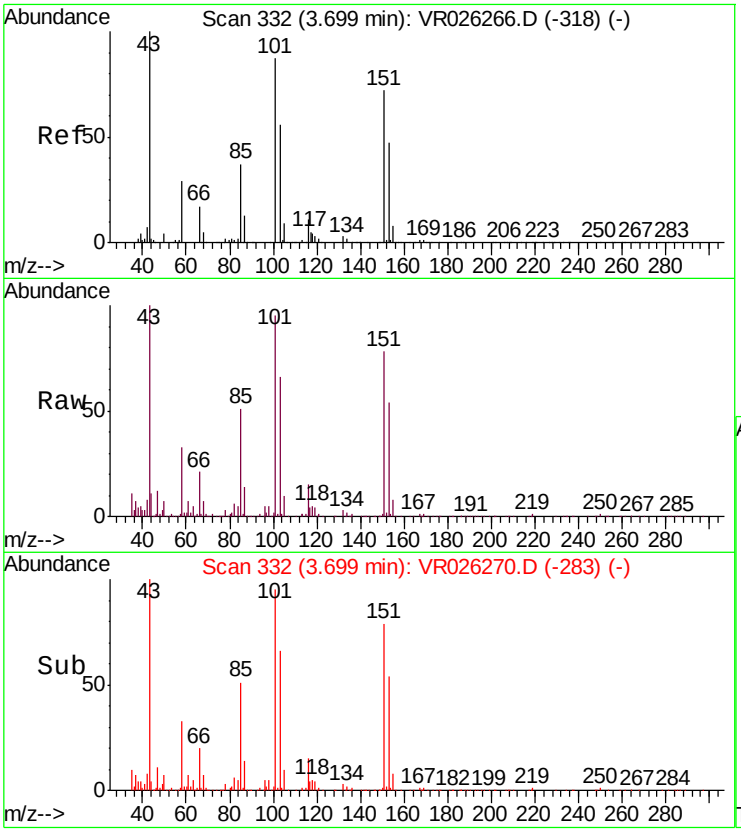


#12
1,1-Dichloroethene
Concen: 5.347 ug/L
RT: 3.63 min Scan# 320
Delta R.T. -0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 96 Resp: 301693

Ion	Ratio	Lower	Upper
96	100		
61	189.0	127.1	236.0
63	138.3	81.5	151.5



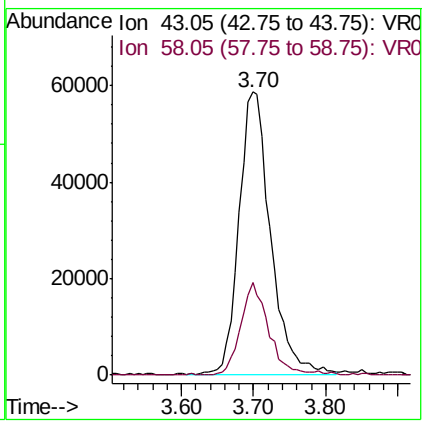


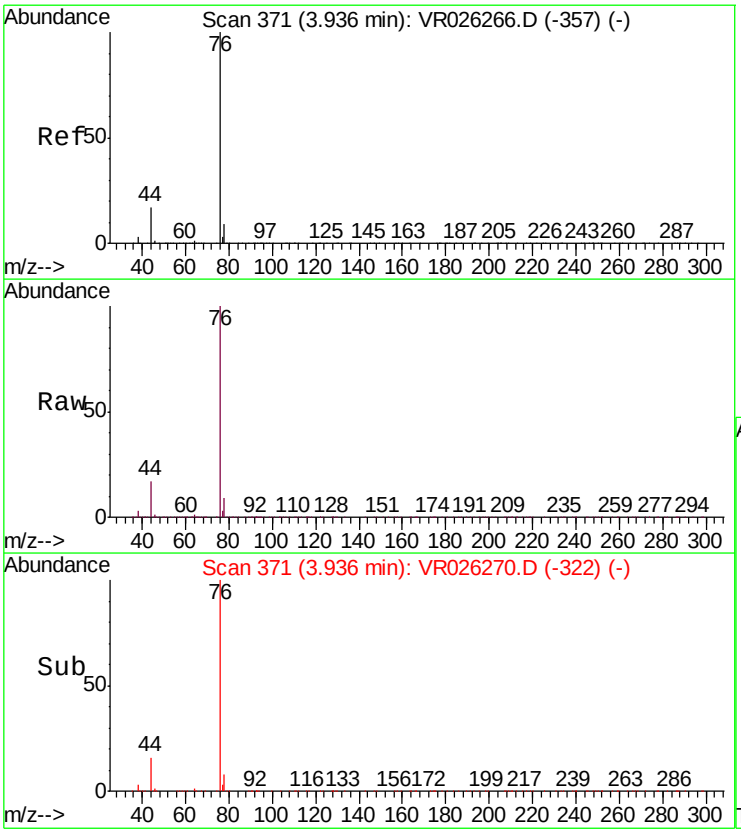
#13
Acetone
Concen: 49.258 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 43 Resp: 178663

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	60.8

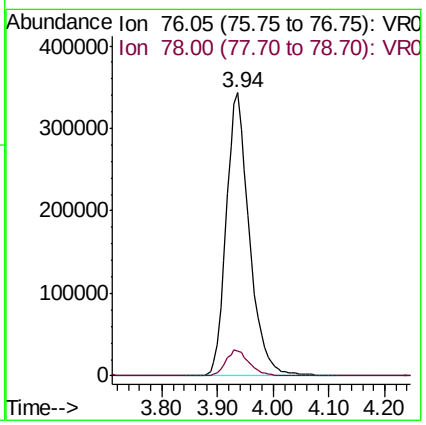


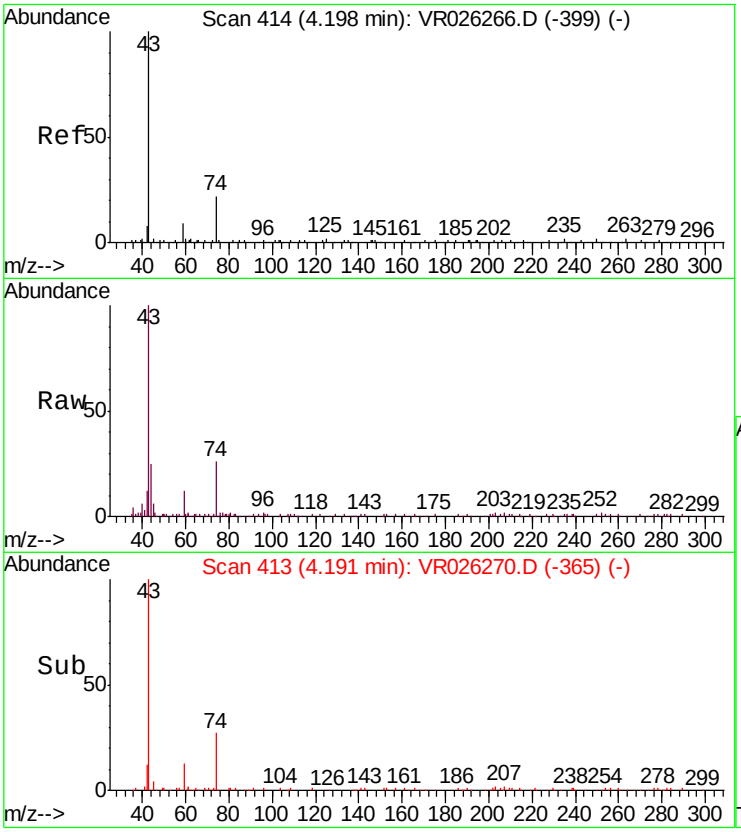


#14
Carbon disulfide
Concen: 5.302 ug/L
RT: 3.94 min Scan# 371
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 76 Resp: 982074

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.6	11.4



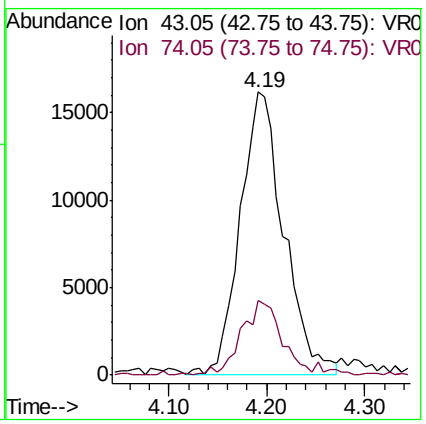


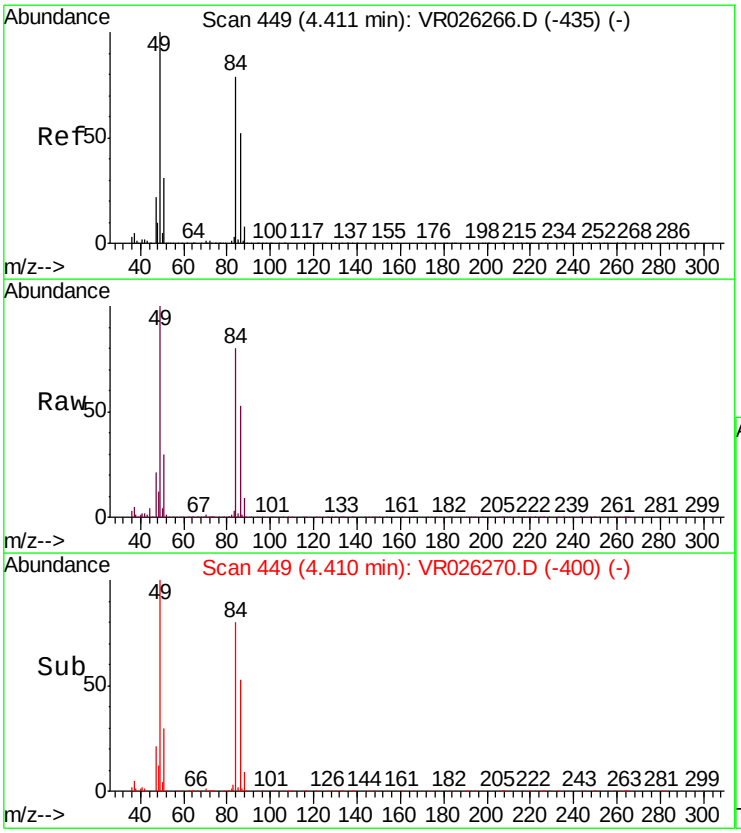
#15
Methyl Acetate
Concen: 5.167 ug/L
RT: 4.19 min Scan# 413
Delta R.T. -0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Tgt Ion: 43 Resp: 50013

Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.4	27.6

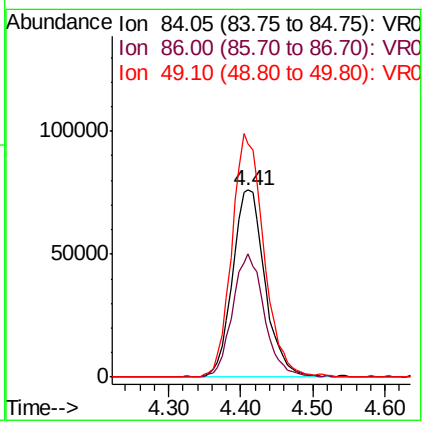


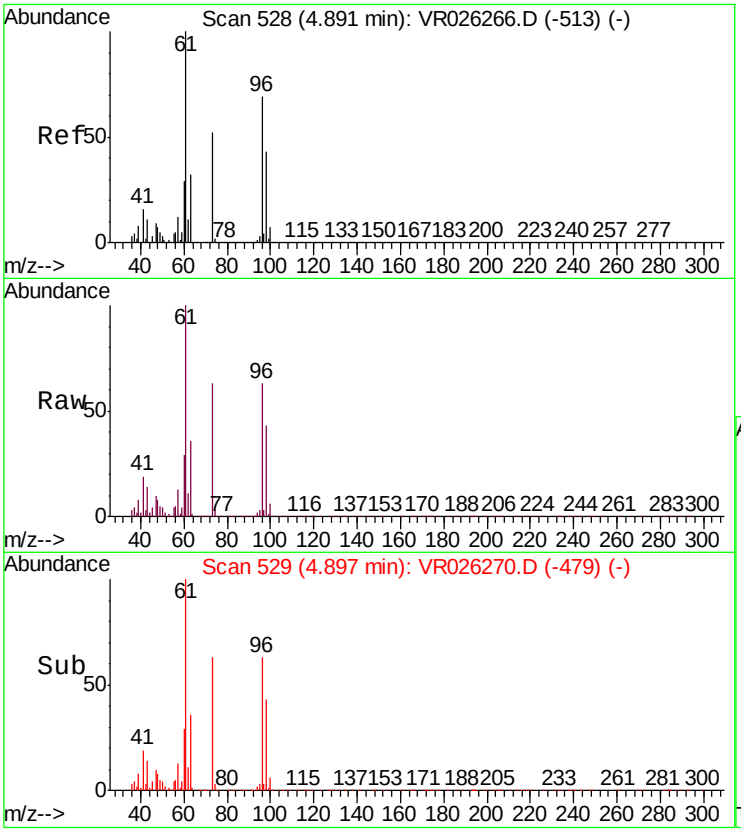


#16
Methylene chloride
Concen: 4.938 ug/L
RT: 4.41 min Scan# 449
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 84 Resp: 237807

Ion	Ratio	Lower	Upper
84	100		
86	66.1	45.8	85.0
49	125.2	88.7	164.7



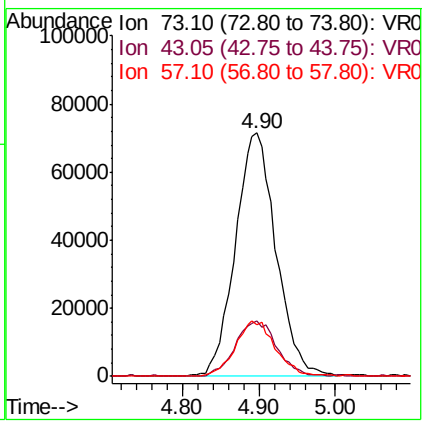


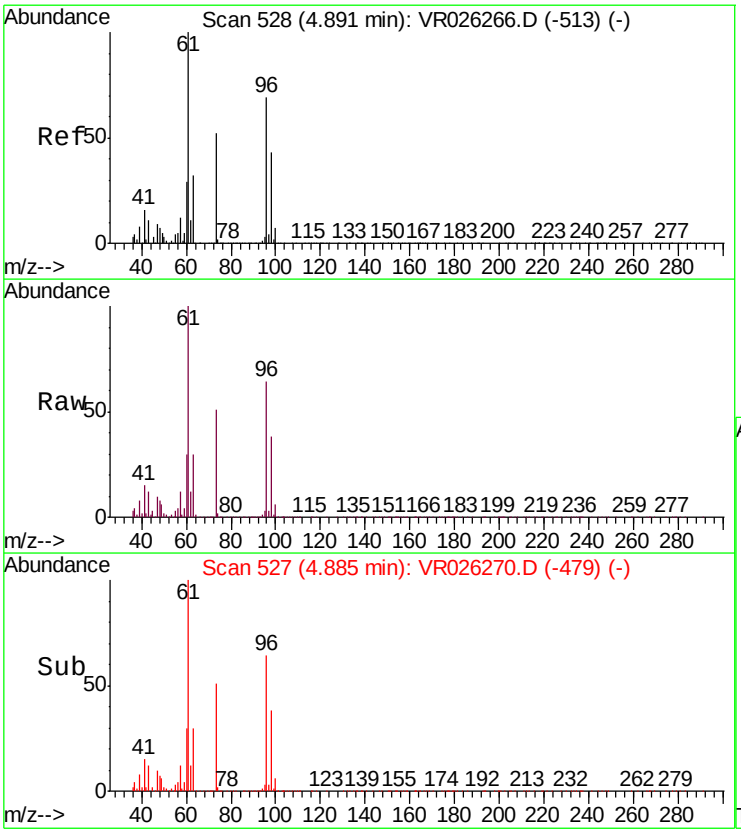
#17
Methyl tert-butyl Ether
Concen: 5.455 ug/L
RT: 4.90 min Scan# 529
Delta R.T. 0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Tgt Ion: 73 Resp: 263674

Ion	Ratio	Lower	Upper
73	100		
43	23.2	18.7	28.1
57	22.5	18.2	27.2

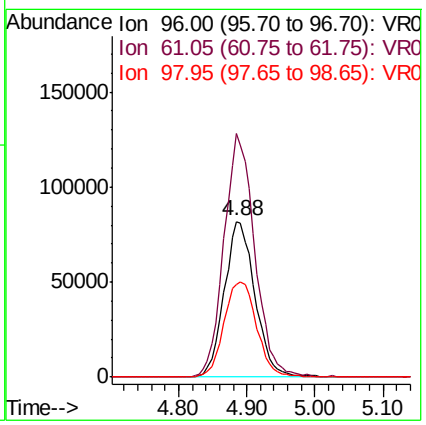


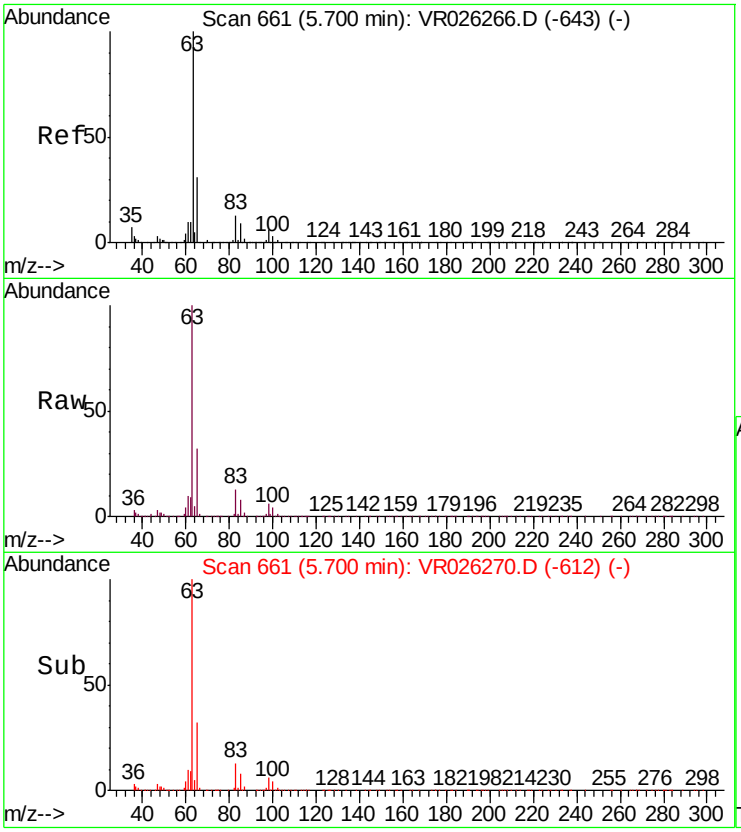


#18
trans-1,2-Dichloroethene
Concen: 5.124 ug/L
RT: 4.88 min Scan# 527
Delta R.T. -0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 96 Resp: 256229

Ion	Ratio	Lower	Upper
96	100		
61	156.5	101.4	188.4
98	59.9	43.3	80.5



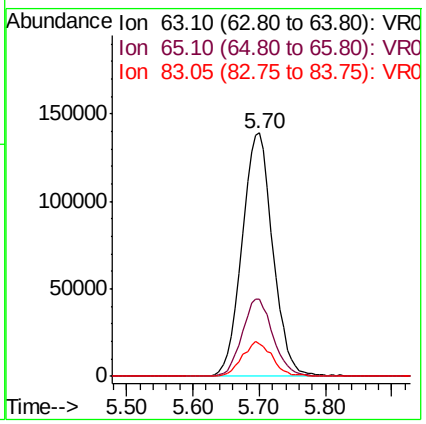


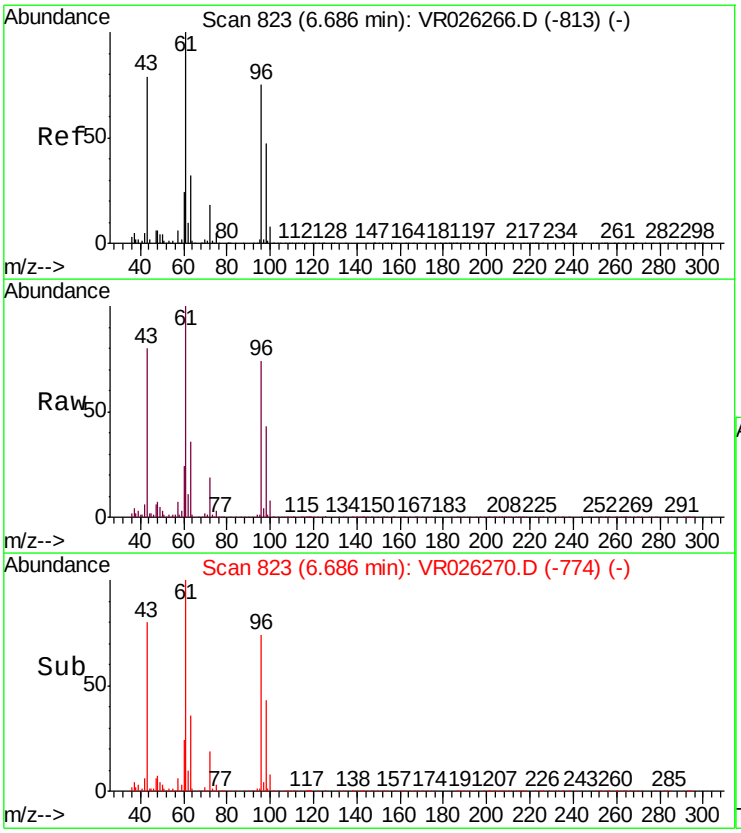
#19
1,1-Dichloroethane
Concen: 4.917 ug/L
RT: 5.70 min Scan# 661
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 63 Resp: 449517

Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.6	40.0
83	13.5	9.0	16.8

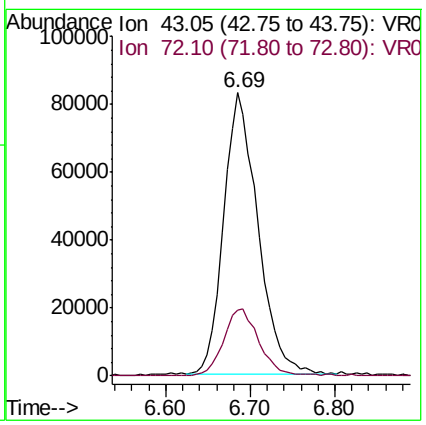


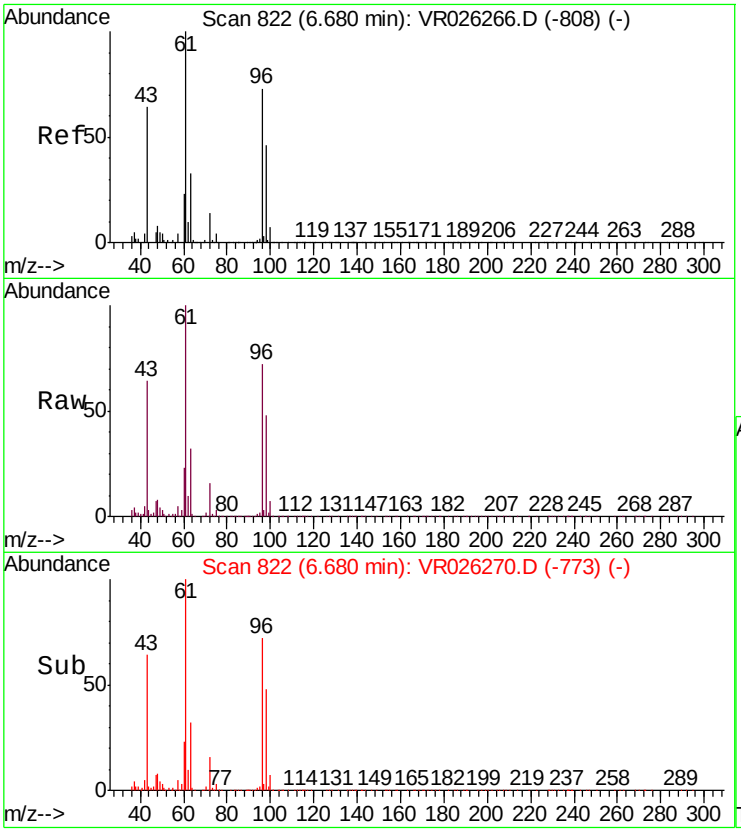


#21
2-Butanone
Concen: 52.875 ug/L
RT: 6.69 min Scan# 823
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 43 Resp: 227443

Ion	Ratio	Lower	Upper
43	100		
72	24.6	11.9	35.5



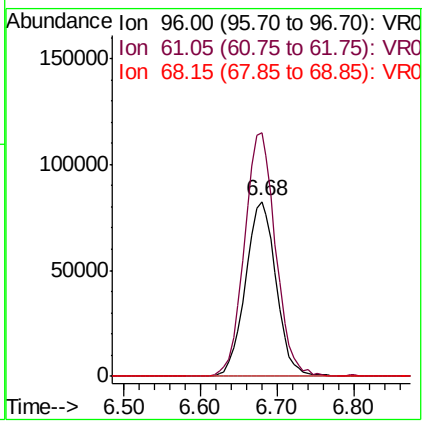


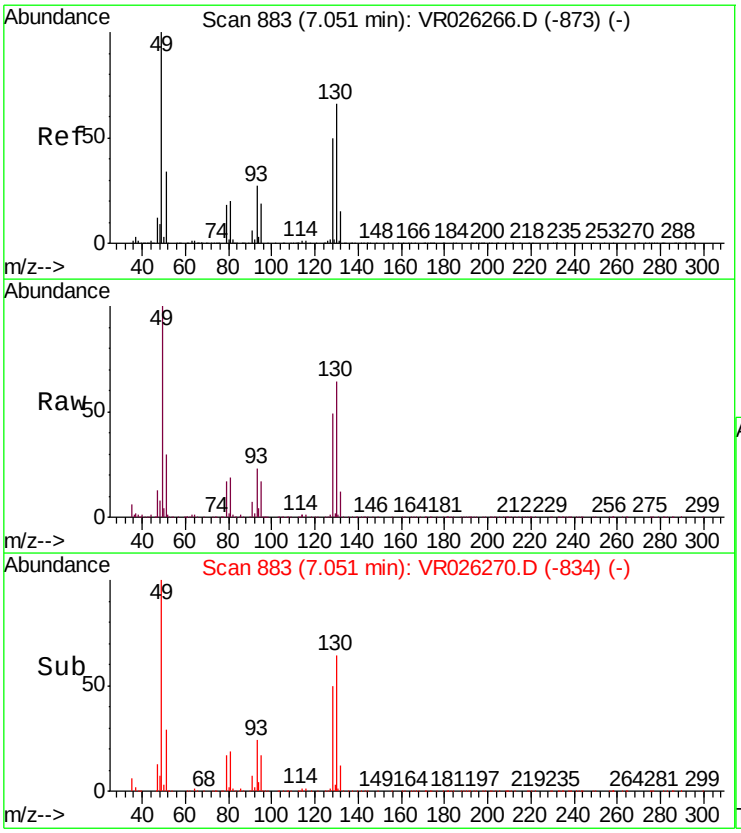
#22
cis-1,2-Dichloroethene
Concen: 5.154 ug/L
RT: 6.68 min Scan# 822
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Tgt Ion: 96 Resp: 230177

Ion	Ratio	Lower	Upper
96	100		
61	139.3	96.3	178.9
68	0.1	0.0	0.0#

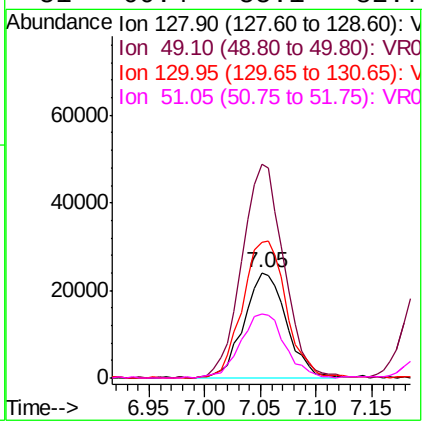


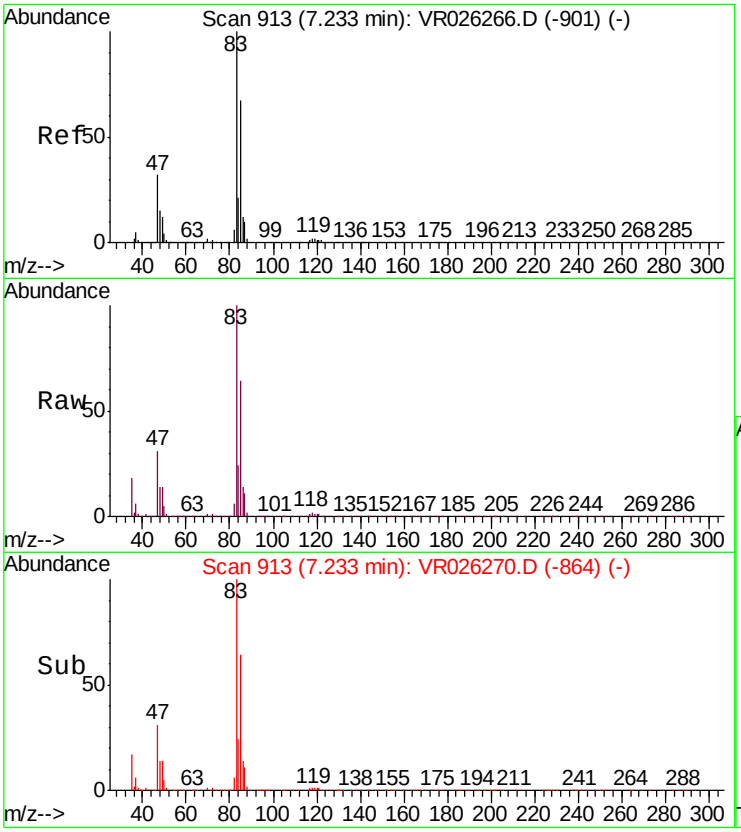


#23
Bromochloromethane
Concen: 4.788 ug/L
RT: 7.05 min Scan# 883
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:128 Resp: 62977

Ion	Ratio	Lower	Upper
128	100		
49	202.4	140.9	261.7
130	128.7	92.6	172.0
51	60.4	55.1	82.7



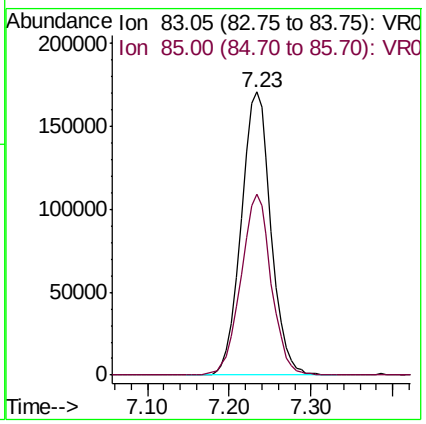


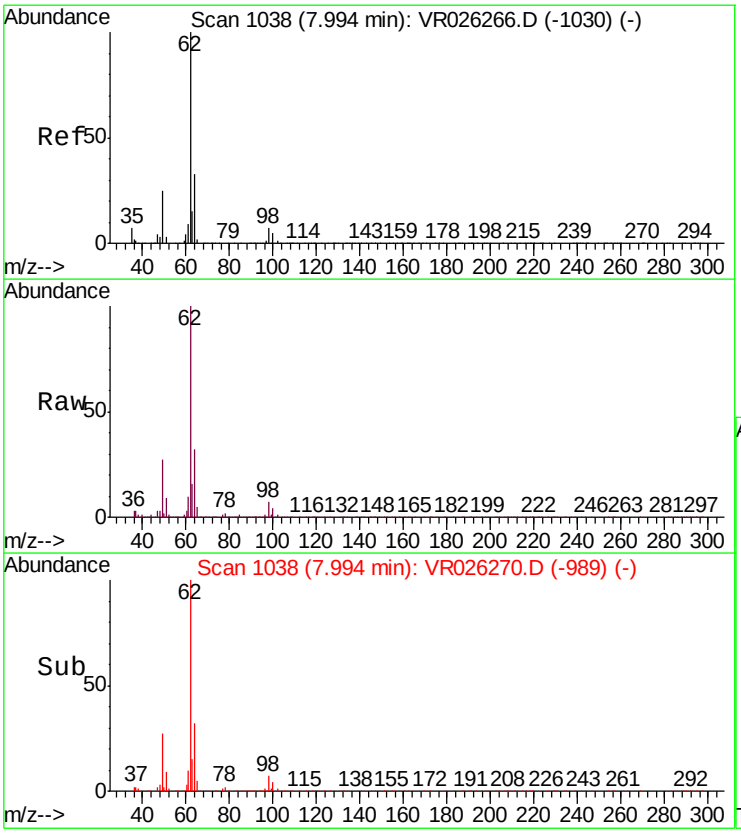
#25
Chloroform
Concen: 4.978 ug/L
RT: 7.23 min Scan# 913
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 83 Resp: 431501

Ion	Ratio	Lower	Upper
83	100		
85	64.1	47.0	87.4

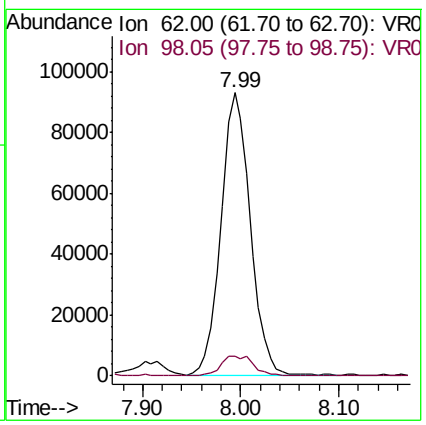


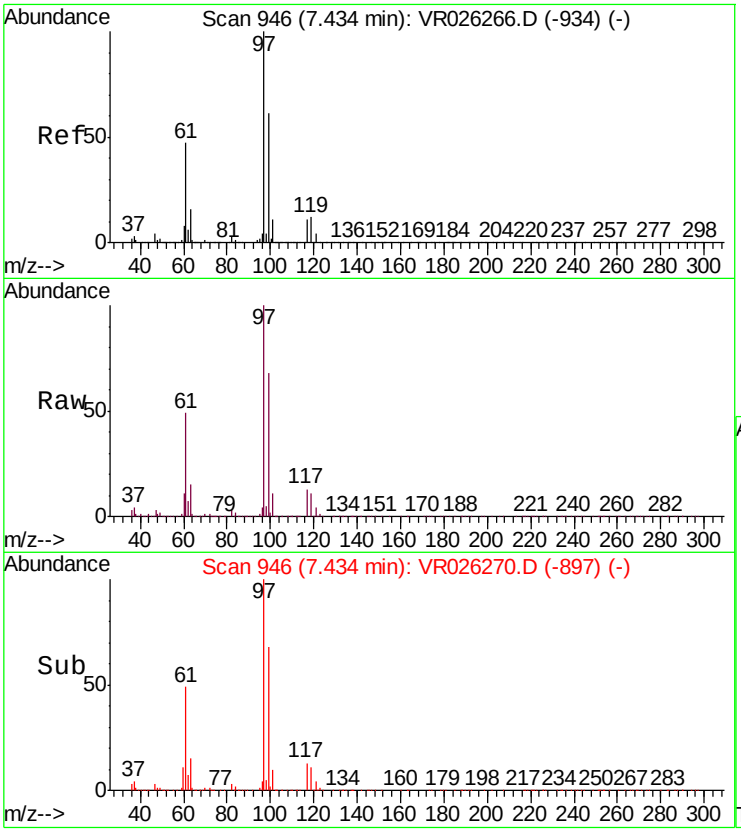


#27
1,2-Dichloroethane
Concen: 5.141 ug/L
RT: 7.99 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 62 Resp: 192130

Ion	Ratio	Lower	Upper
62	100		
98	7.1	5.7	8.5



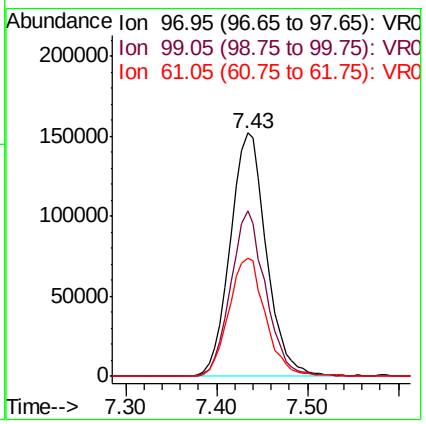


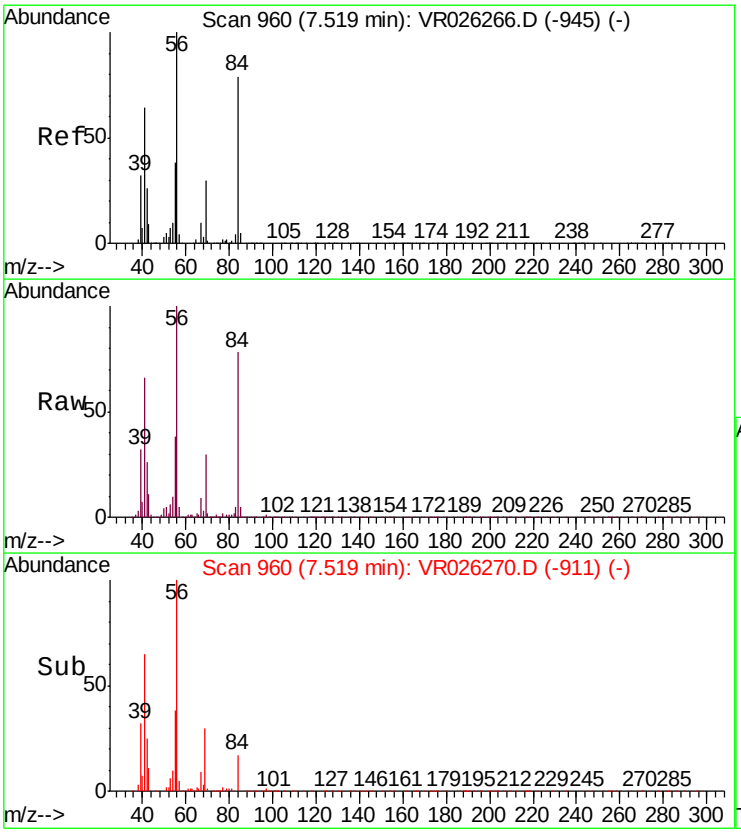
#29
1,1,1-Trichloroethane
Concen: 4.904 ug/L
RT: 7.43 min Scan# 946
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 97 Resp: 419967

Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.2	75.4
61	49.8	38.0	57.0

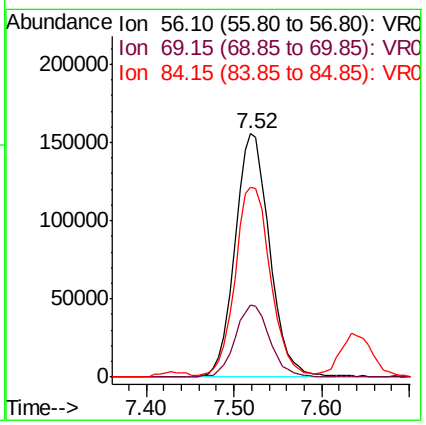


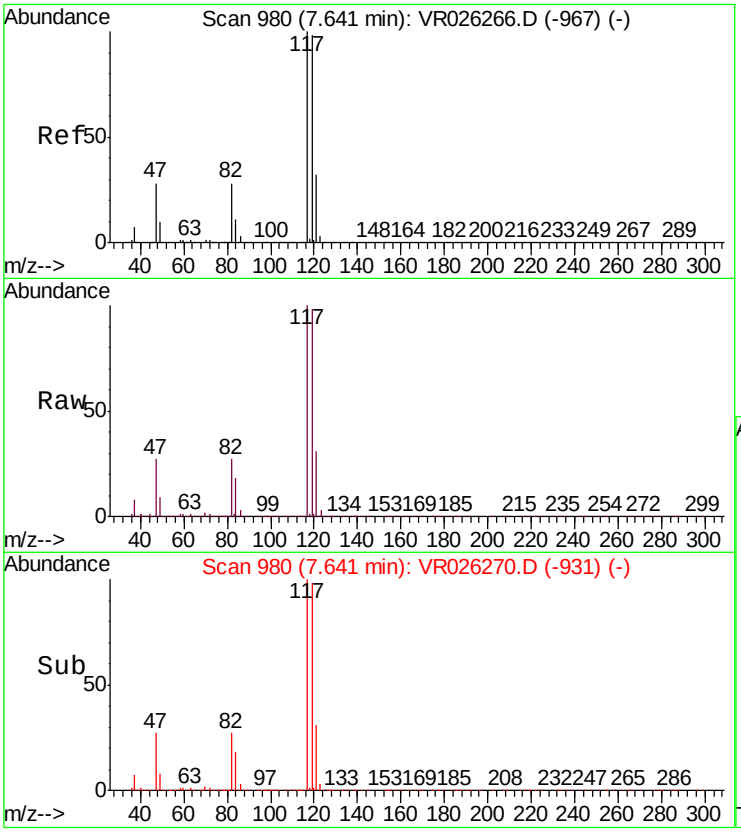


#30
Cyclohexane
Concen: 5.614 ug/L
RT: 7.52 min Scan# 960
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 56 Resp: 426113

Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.0	36.0
84	80.3	64.5	96.7



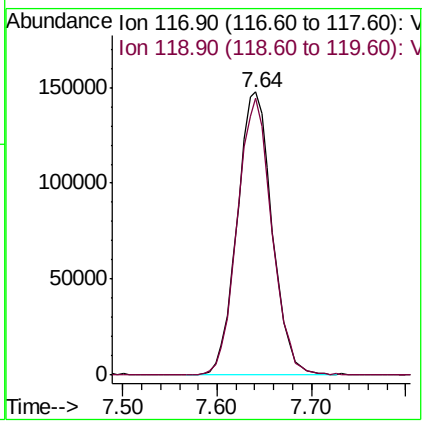


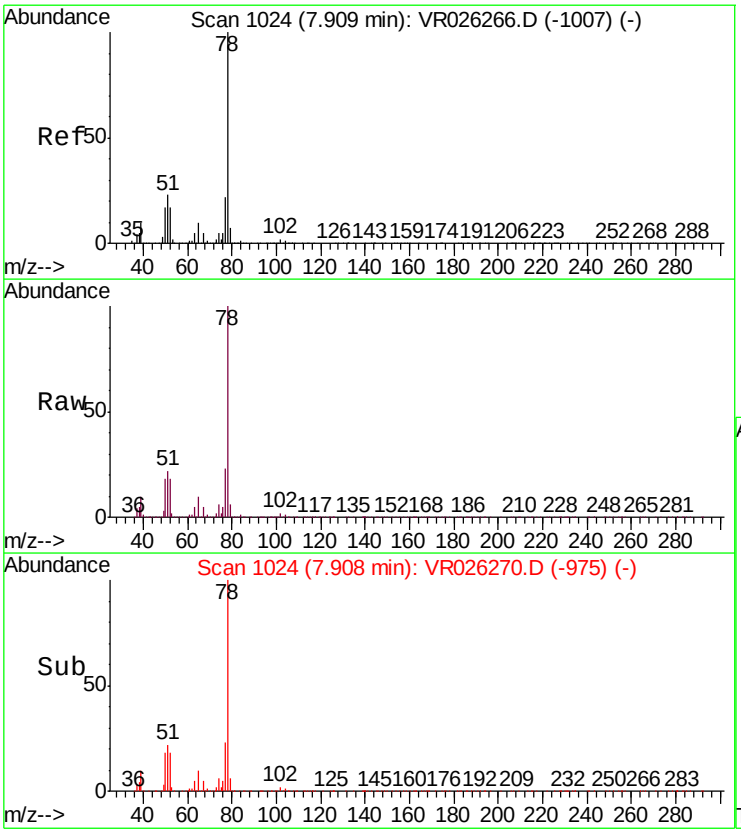
#31
Carbon tetrachloride
Concen: 4.898 ug/L
RT: 7.64 min Scan# 980
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion:117 Resp: 381908

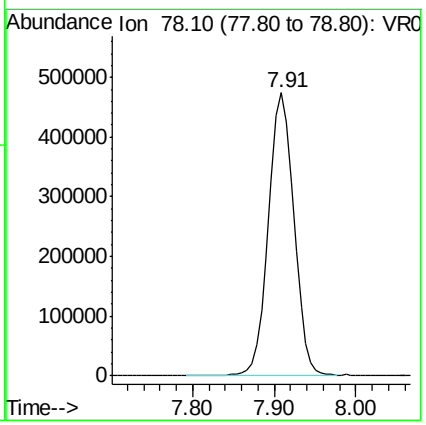
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3

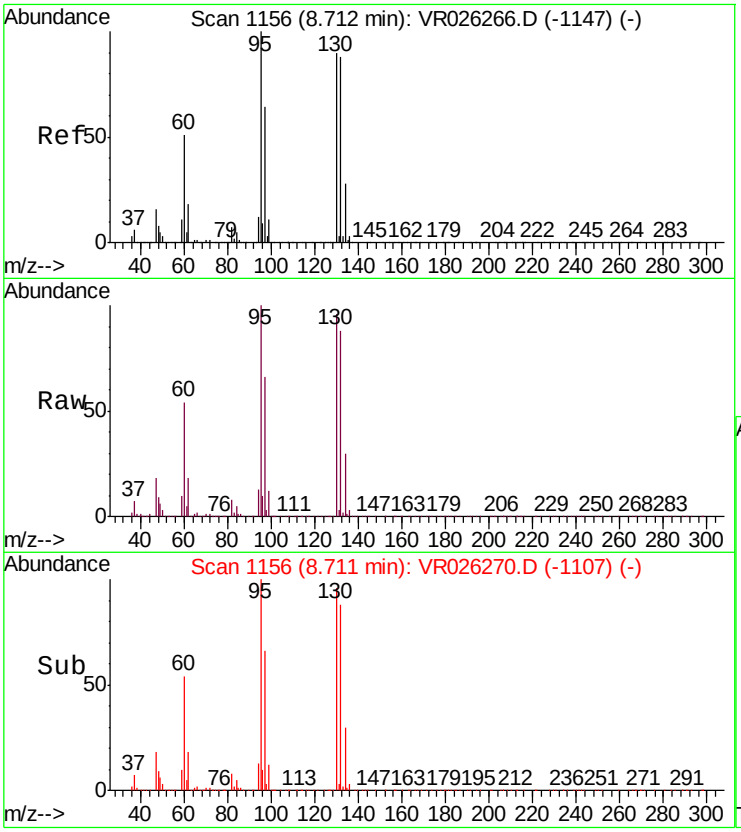




#33
Benzene
Concen: 4.984 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 78 Resp: 1025934



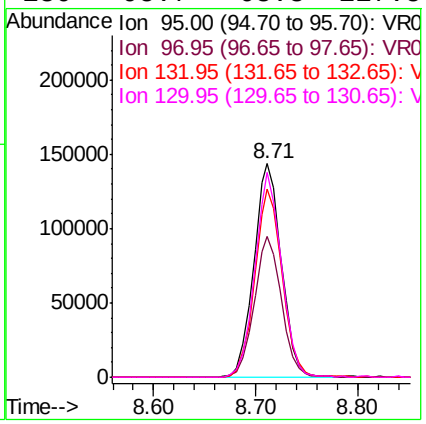


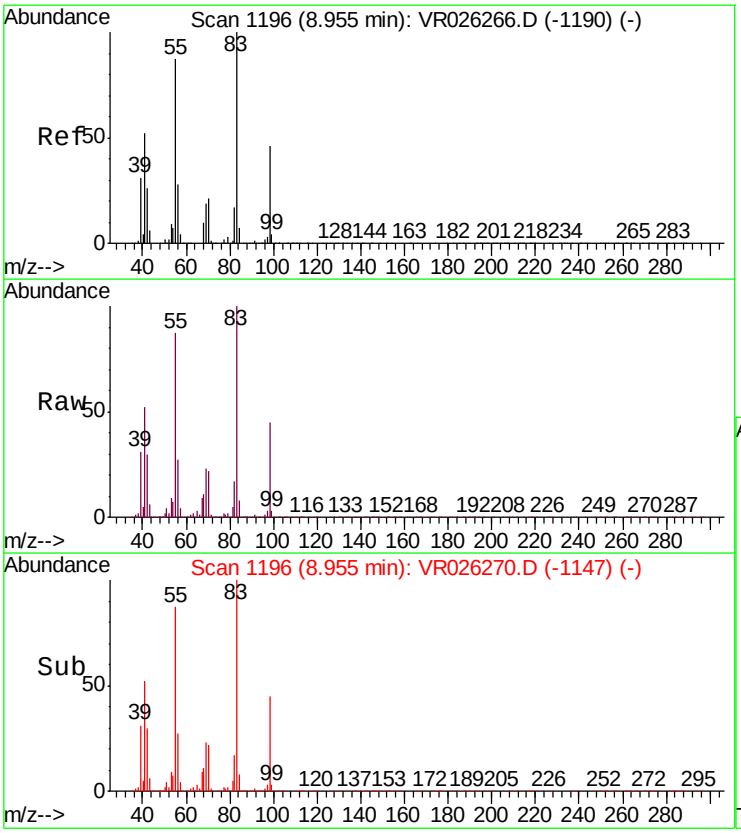
#34
Trichloroethene
Concen: 4.969 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 95 Resp: 269692

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.8	83.2
132	88.3	61.7	114.5
130	95.7	63.3	117.5

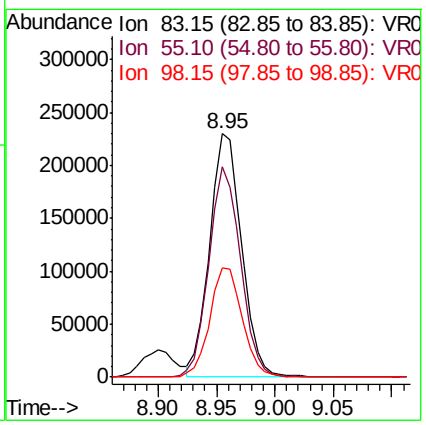


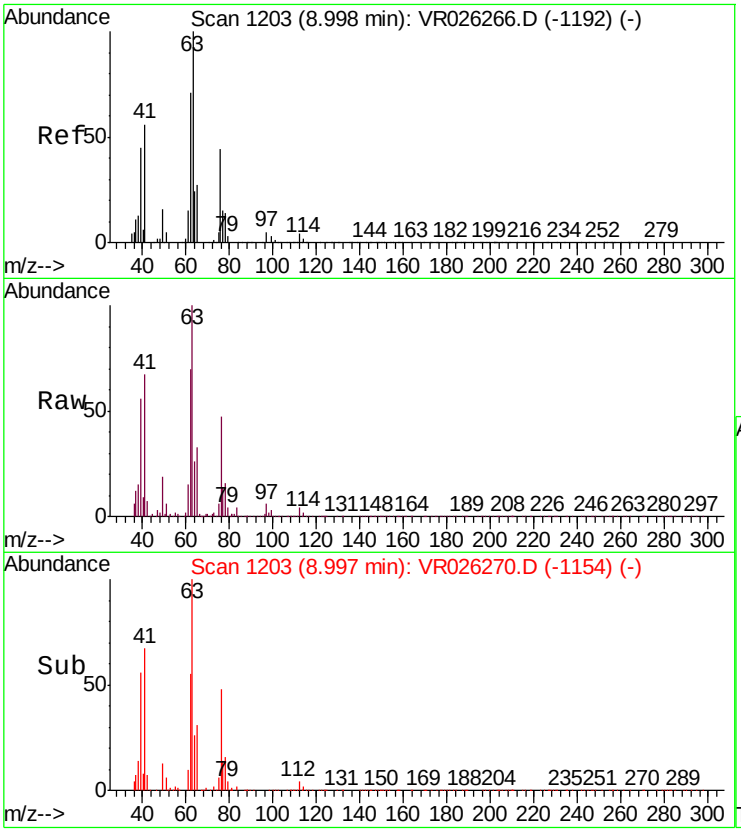


#35
Methylcyclohexane
Concen: 5.503 ug/L
RT: 8.95 min Scan# 1196
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 83 Resp: 432980

Ion	Ratio	Lower	Upper
83	100		
55	86.4	66.6	99.8
98	46.1	35.5	53.3



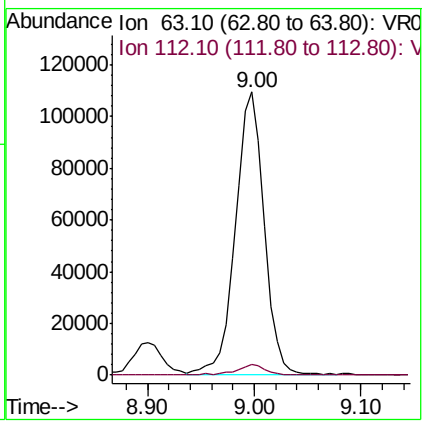


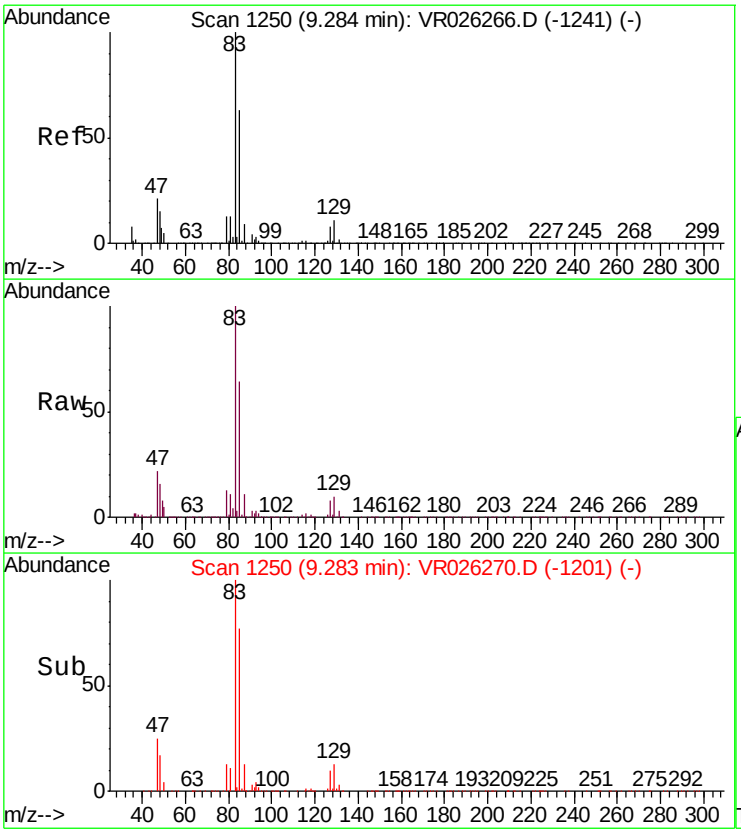
#37
1,2-Dichloropropane
Concen: 4.881 ug/L
RT: 9.00 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Tgt Ion: 63 Resp: 205749

Ion	Ratio	Lower	Upper
63	100		
112	3.7	3.0	4.6

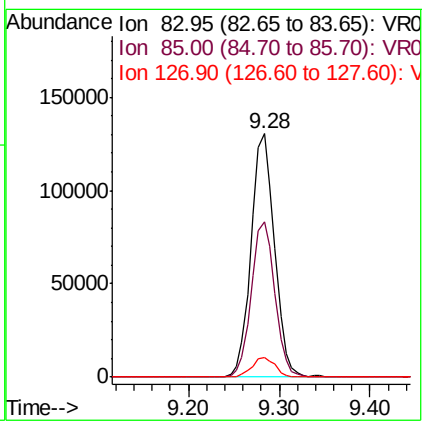


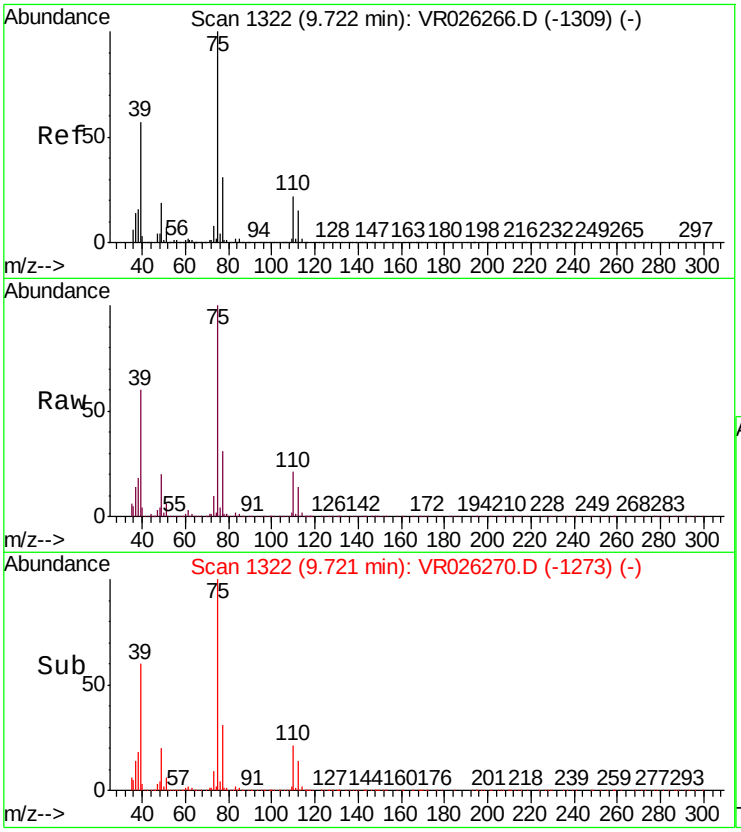


#38
Bromodichloromethane
Concen: 4.872 ug/L
RT: 9.28 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 83 Resp: 232641

Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.0	81.6
127	8.1	6.6	9.8



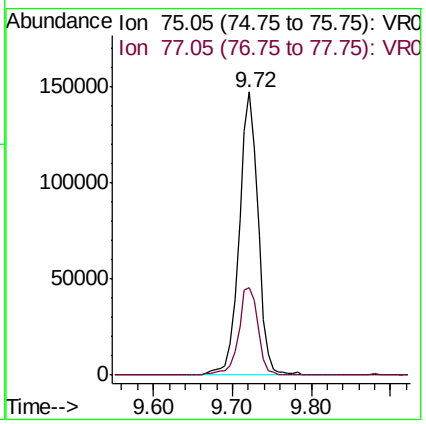


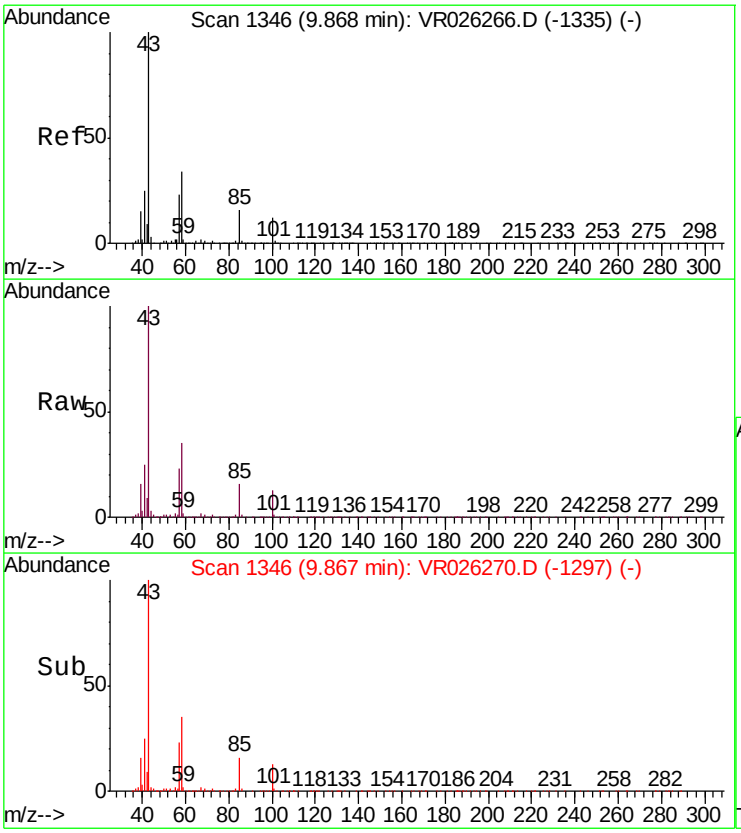
#39
cis-1,3-Dichloropropene
Concen: 5.261 ug/L
RT: 9.72 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 75 Resp: 243924

Ion	Ratio	Lower	Upper
75	100		
77	30.8	21.9	40.7

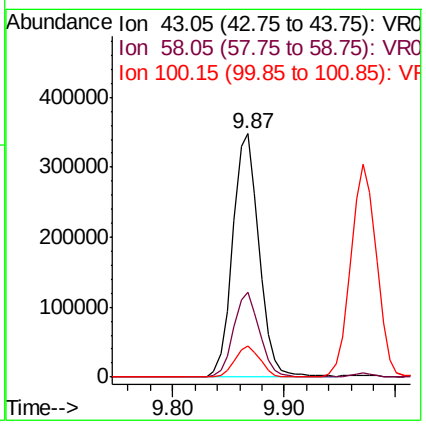


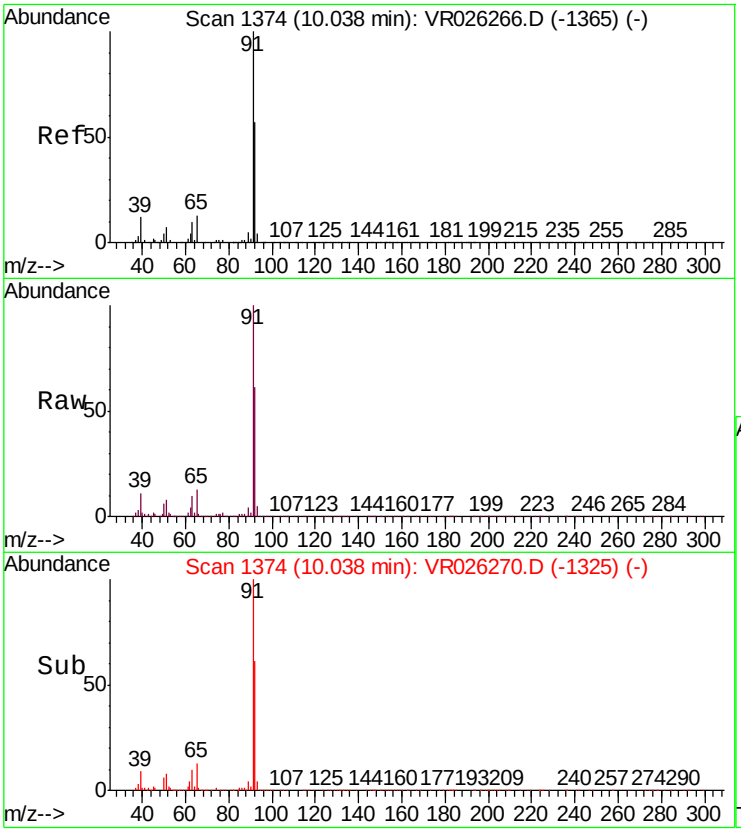


#40
4-Methyl-2-pentanone
Concen: 56.261 ug/L
RT: 9.87 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 43 Resp: 570741

Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.0	42.0
100	12.3	9.8	14.6



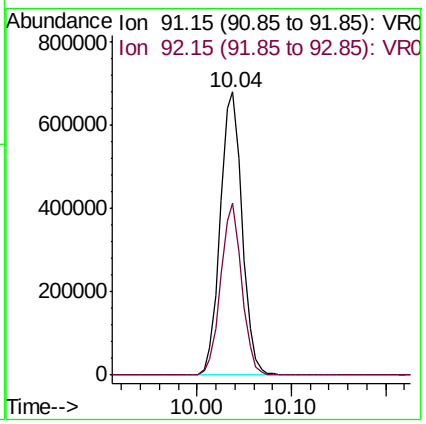


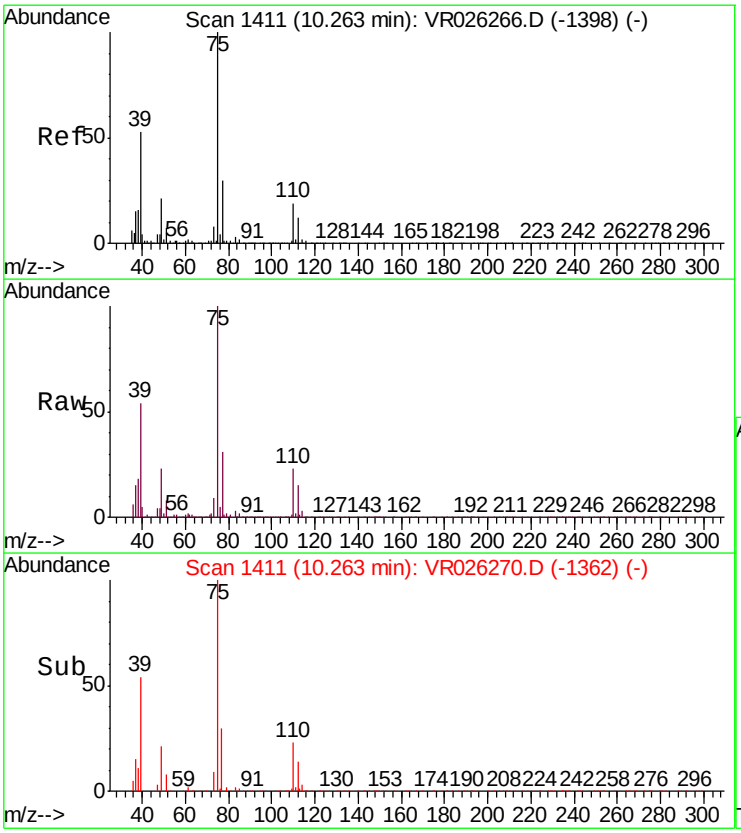
#42
Toluene
Concen: 5.202 ug/L
RT: 10.04 min Scan# 1374
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Tgt Ion: 91 Resp: 1094617

Ion	Ratio	Lower	Upper
91	100		
92	60.6	40.0	74.4

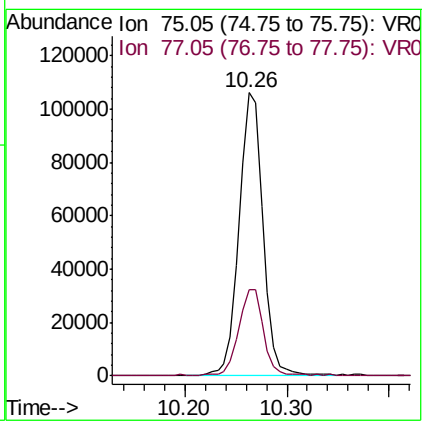


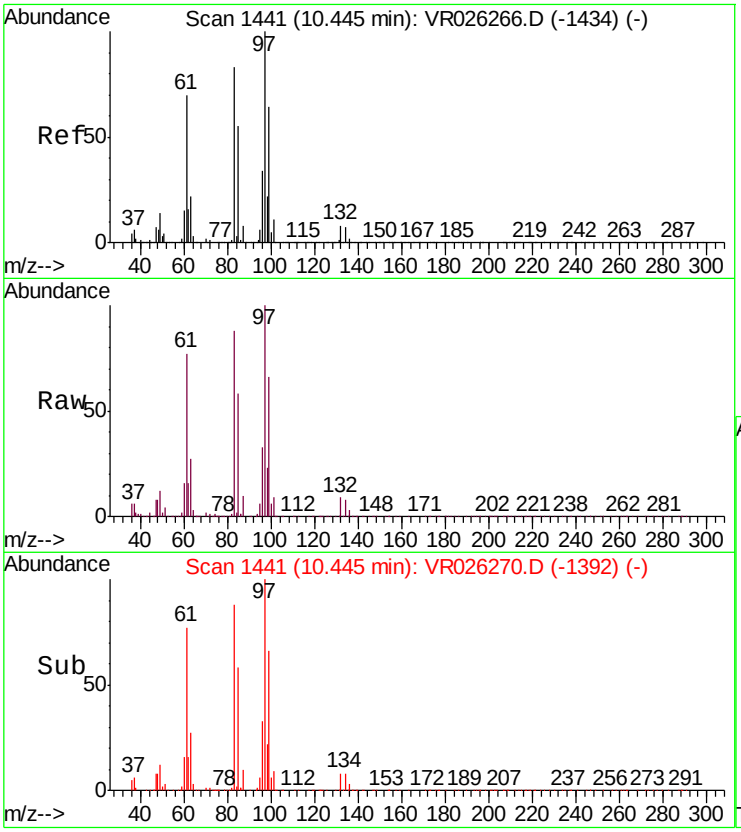


#44
trans-1,3-Dichloropropene
Concen: 5.231 ug/L
RT: 10.26 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 75 Resp: 172359

Ion	Ratio	Lower	Upper
75	100		
77	30.6	21.2	39.4



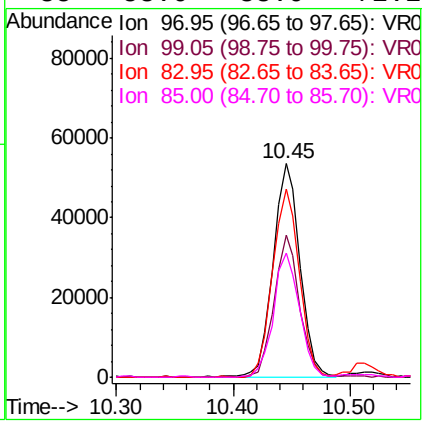


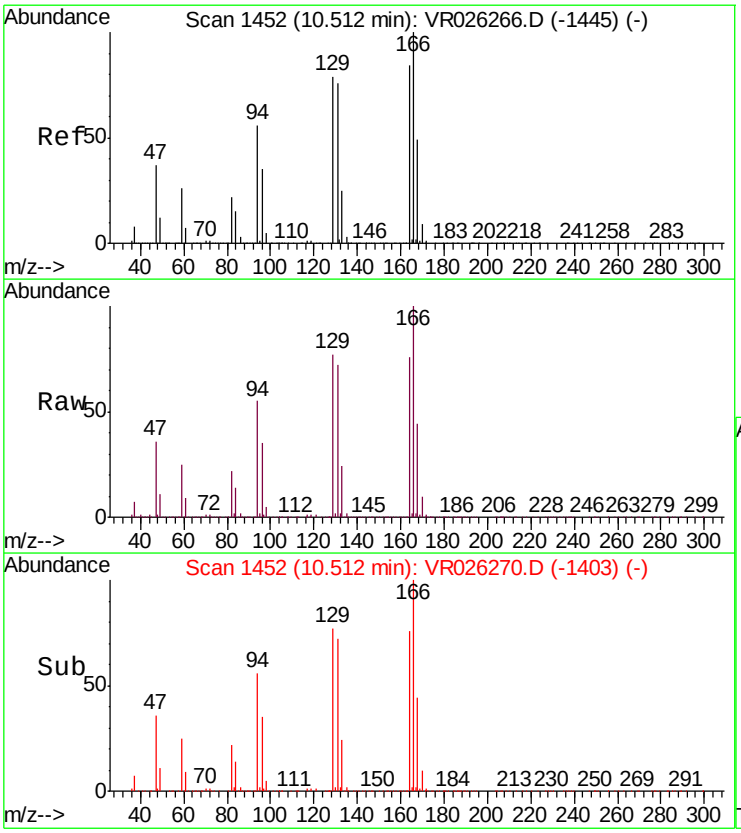
#45
1,1,2-Trichloroethane
Concen: 4.883 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 97 Resp: 85447

Ion	Ratio	Lower	Upper
97	100		
99	66.3	45.0	83.6
83	88.1	57.9	107.5
85	58.0	38.9	72.2

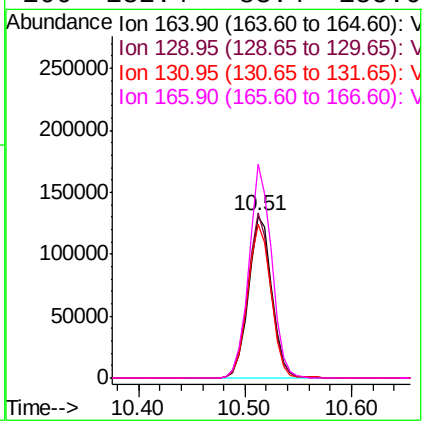


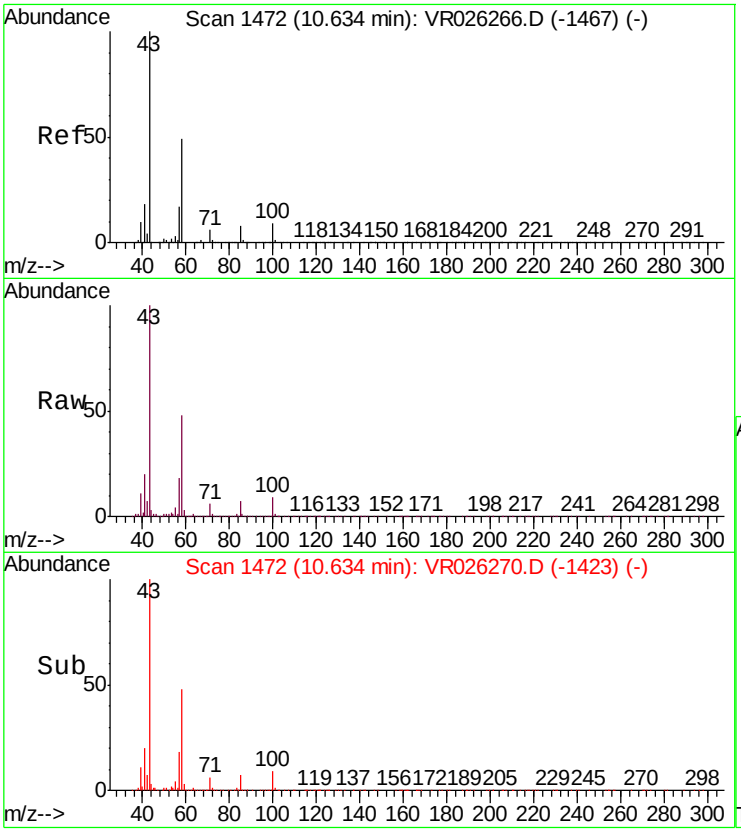


#47
Tetrachloroethene
Concen: 4.861 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:164 Resp: 200723

Ion	Ratio	Lower	Upper
164	100		
129	102.5	65.7	122.1
131	95.5	63.7	118.3
166	132.4	83.4	155.0



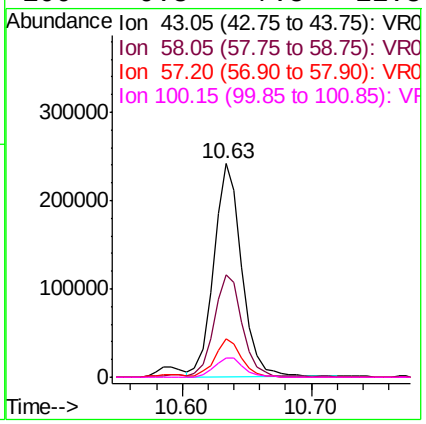


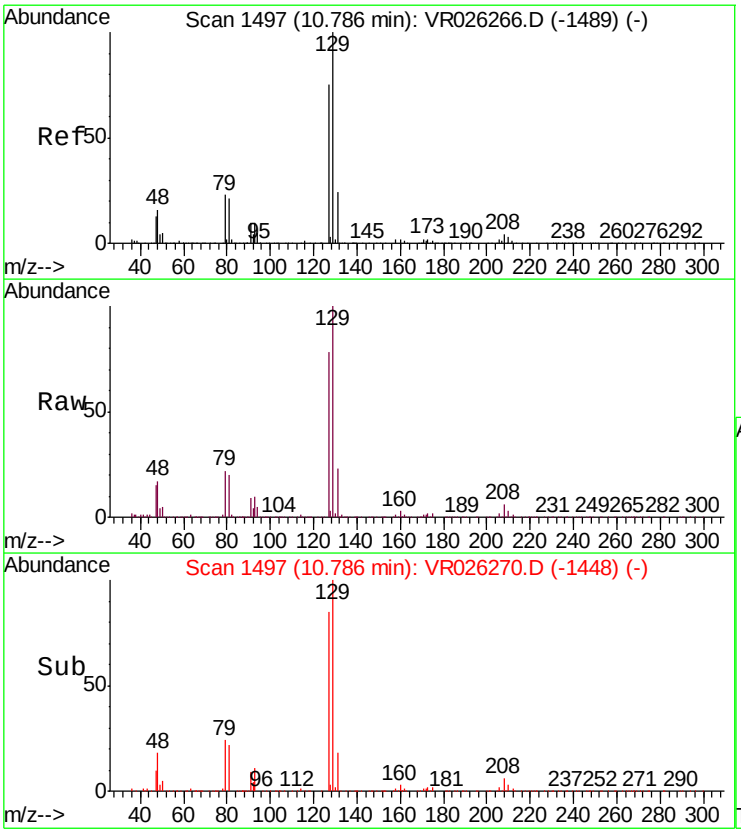
#48
2-Hexanone
Concen: 55.915 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Tgt Ion: 43 Resp: 365615

Ion	Ratio	Lower	Upper
43	100		
58	48.4	40.5	60.7
57	16.9	14.2	21.4
100	9.3	7.5	11.3

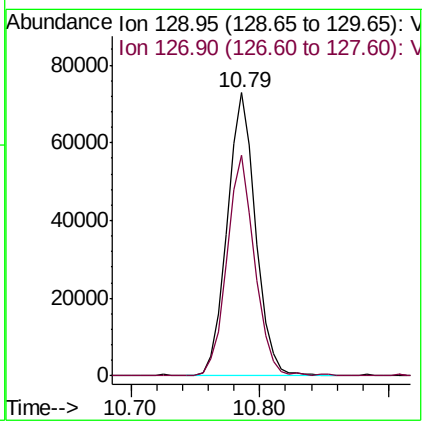


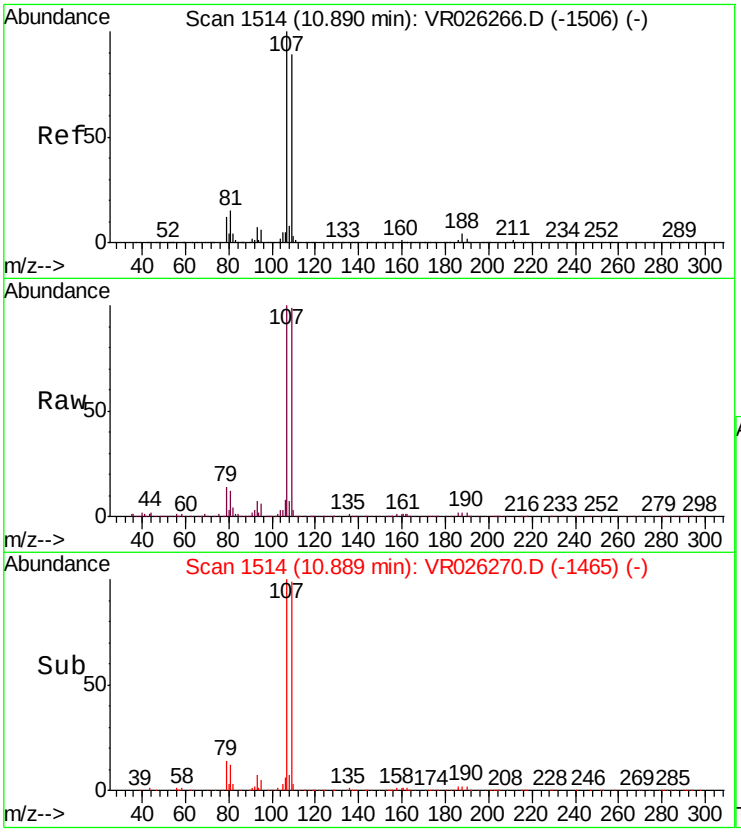


#49
Dibromochloromethane
Concen: 5.040 ug/L
RT: 10.79 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:129 Resp: 111960

Ion	Ratio	Lower	Upper
129	100		
127	77.9	52.6	97.6



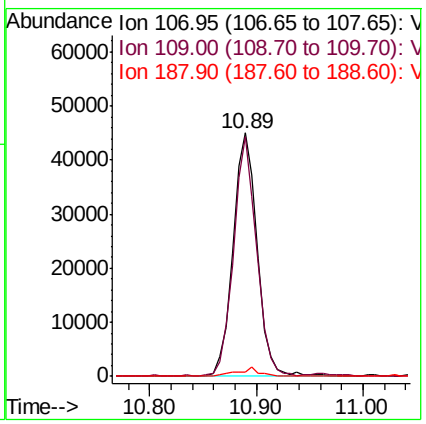


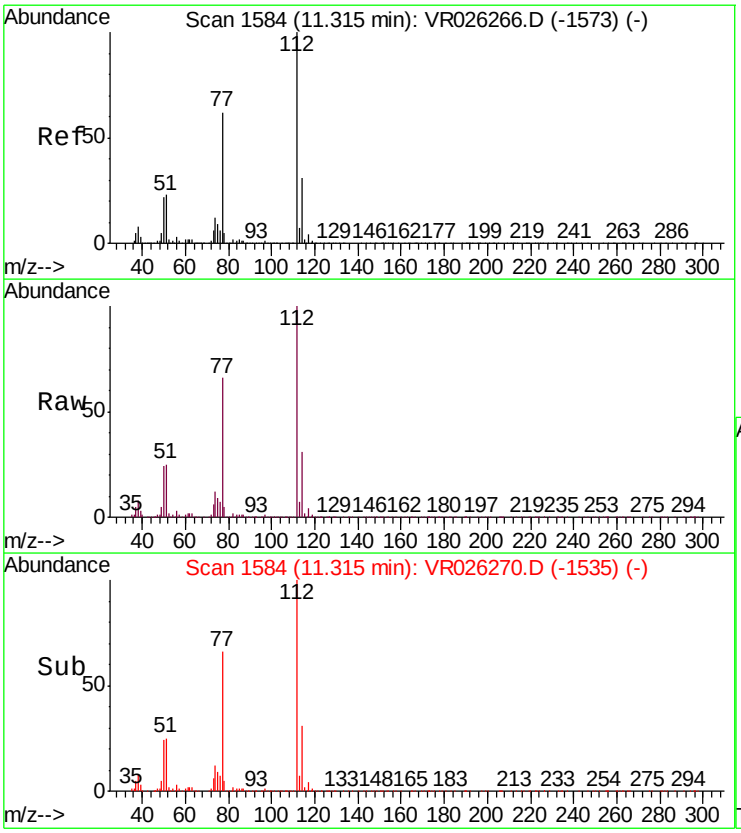
#50
1,2-Dibromoethane
Concen: 4.845 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion:107 Resp: 71423

Ion	Ratio	Lower	Upper
107	100		
109	98.5	62.3	115.7
188	1.6	3.0	4.6#

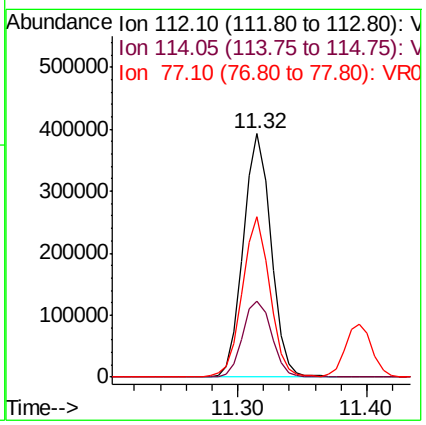


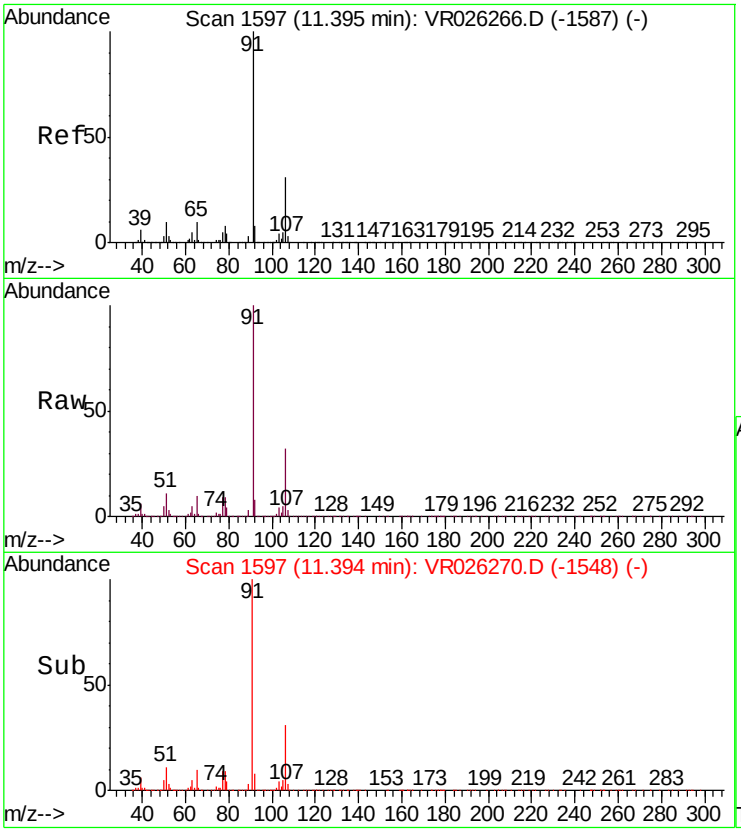


#51
Chlorobenzene
Concen: 4.929 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:112 Resp: 580220

Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.7	40.3
77	66.1	49.4	74.2



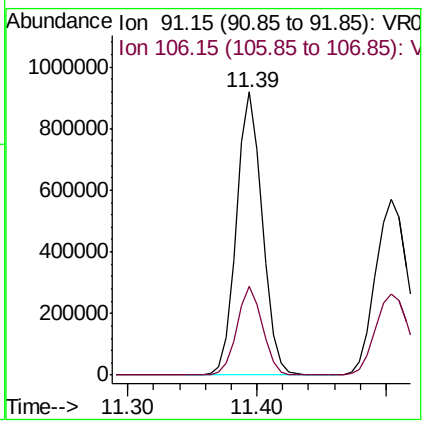


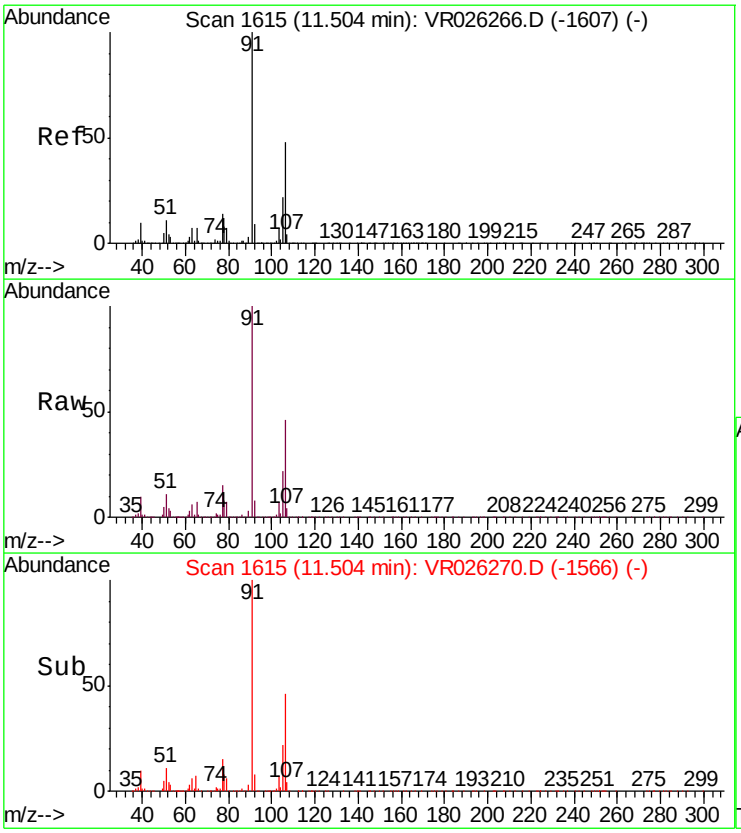
#52
Ethylbenzene
Concen: 5.372 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Tgt Ion: 91 Resp: 1275996

Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.4	39.8

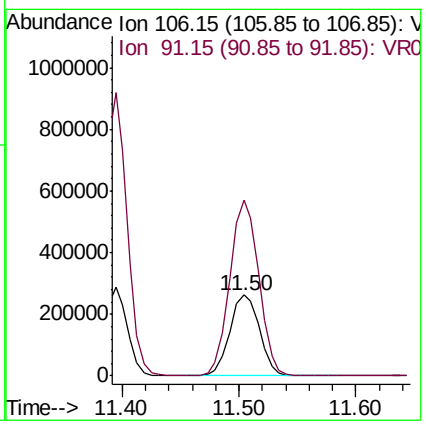


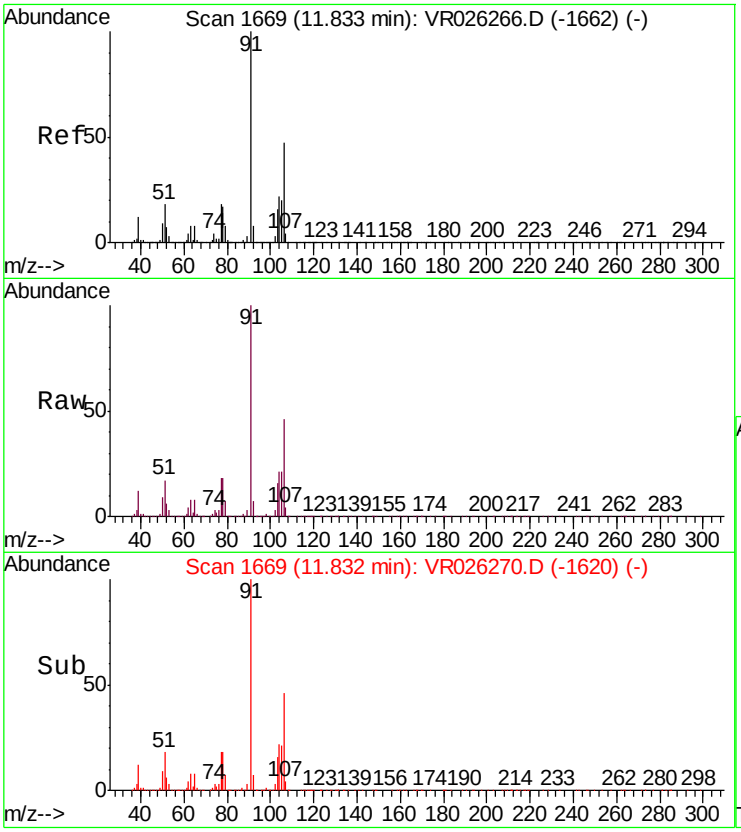


#53
m,p-Xylene
Concen: 5.246 ug/L
RT: 11.50 min Scan# 1615
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:106 Resp: 466023

Ion	Ratio	Lower	Upper
106	100		
91	217.0	145.9	271.1



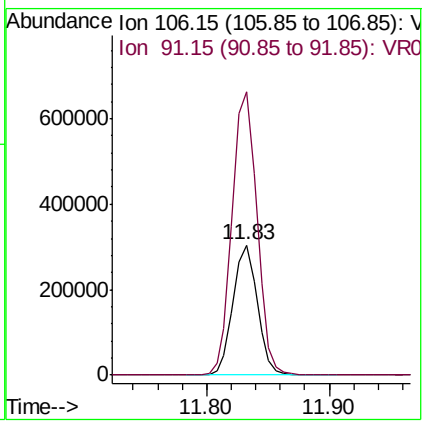


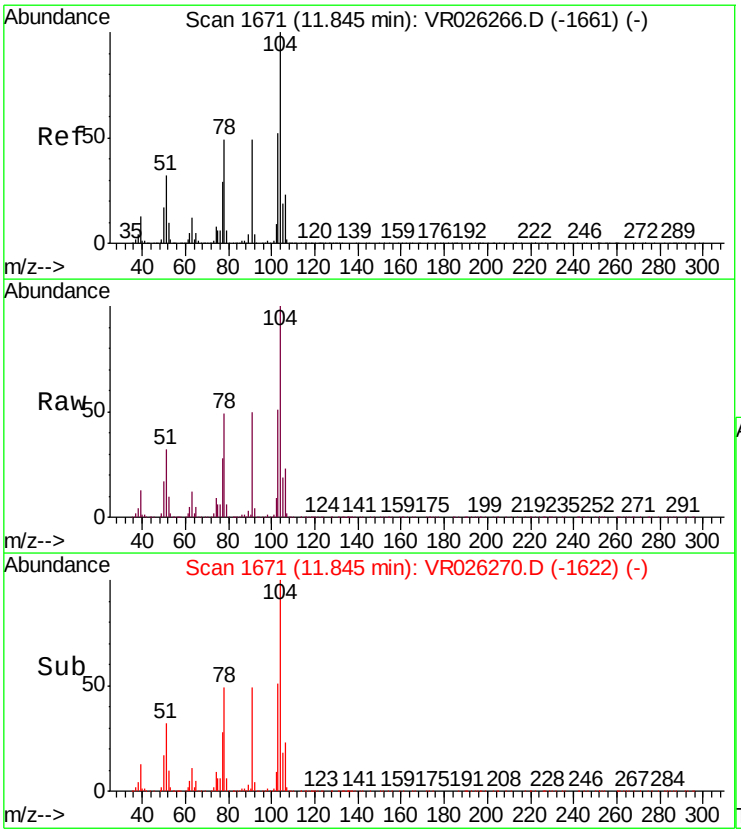
#54
o-Xylene
Concen: 5.407 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion:106 Resp: 418506

Ion	Ratio	Lower	Upper
106	100		
91	217.6	150.4	279.4

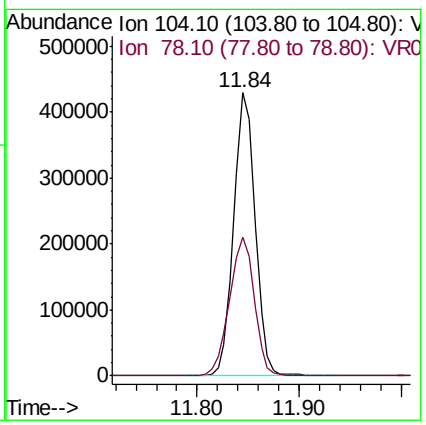


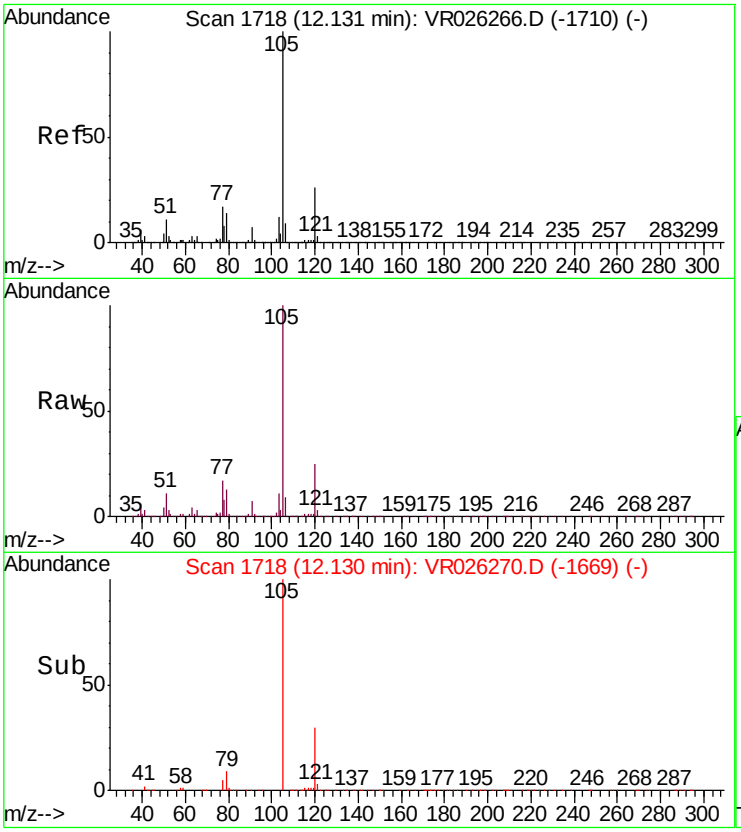


#55
Styrene
Concen: 5.327 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:104 Resp: 622593

Ion	Ratio	Lower	Upper
104	100		
78	49.0	34.6	64.2



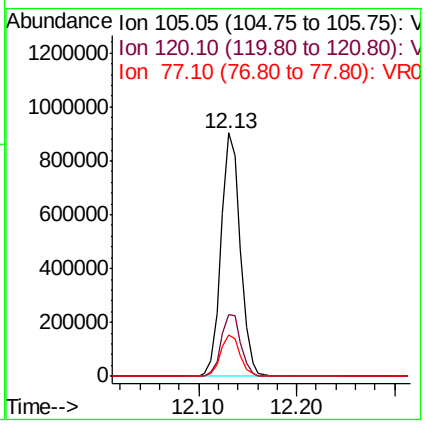


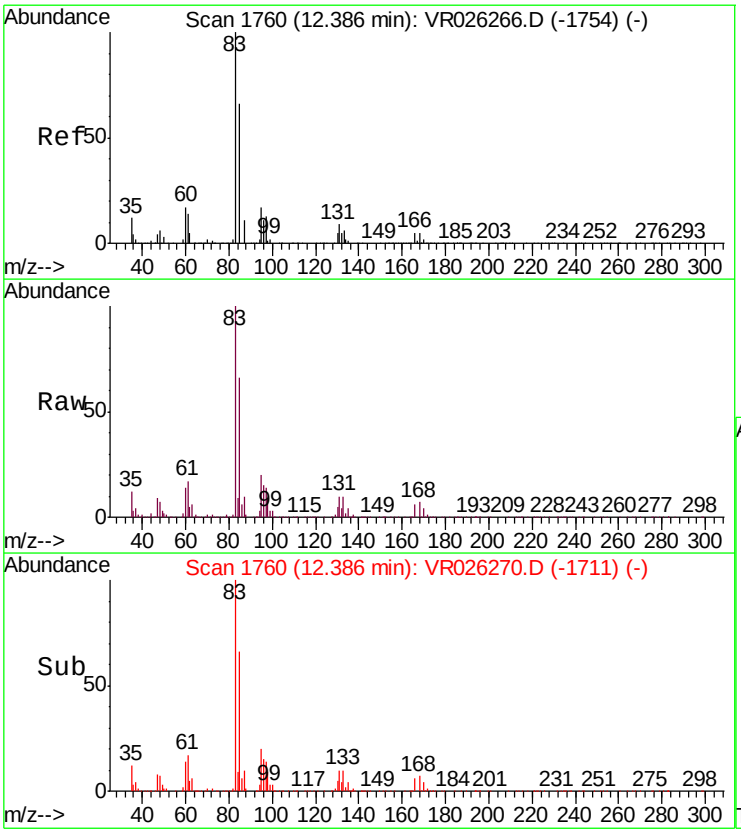
#56
Isopropylbenzene
Concen: 5.583 ug/L
RT: 12.13 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion:105 Resp: 1228772

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.2	31.8
77	17.4	13.6	20.4

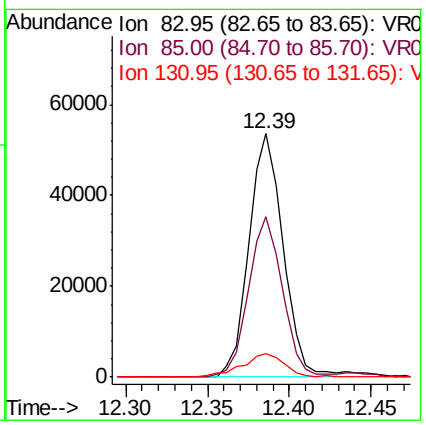


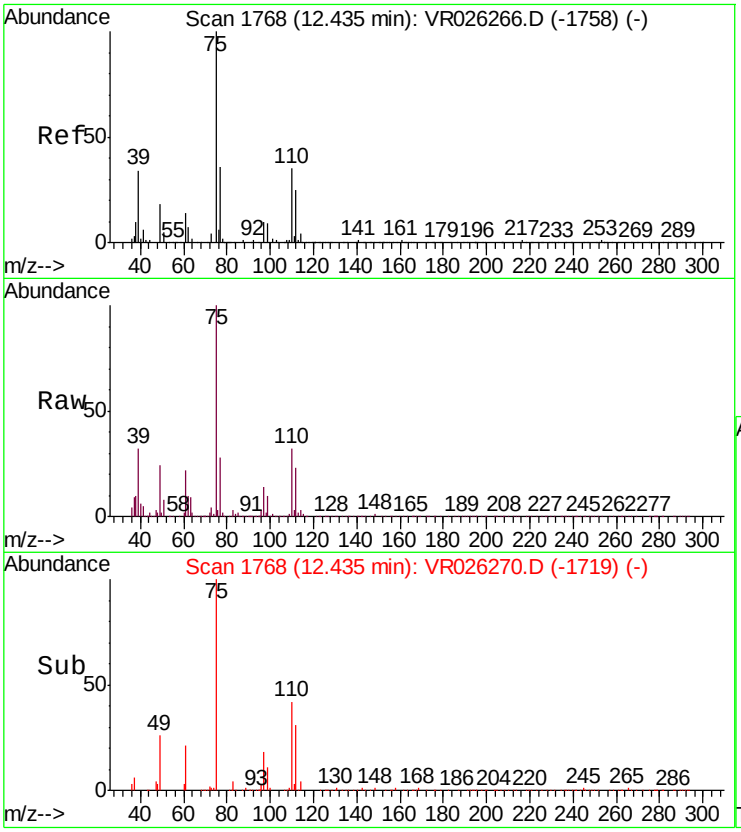


#58
1,1,2,2-Tetrachloroethane
Concen: 5.070 ug/L
RT: 12.39 min Scan# 1760
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 83 Resp: 78345

Ion	Ratio	Lower	Upper
83	100		
85	66.0	46.9	87.1
131	9.7	7.7	11.5



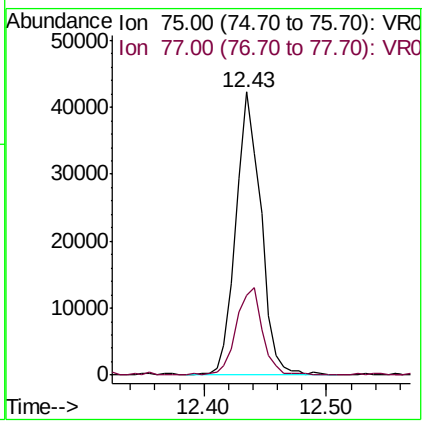


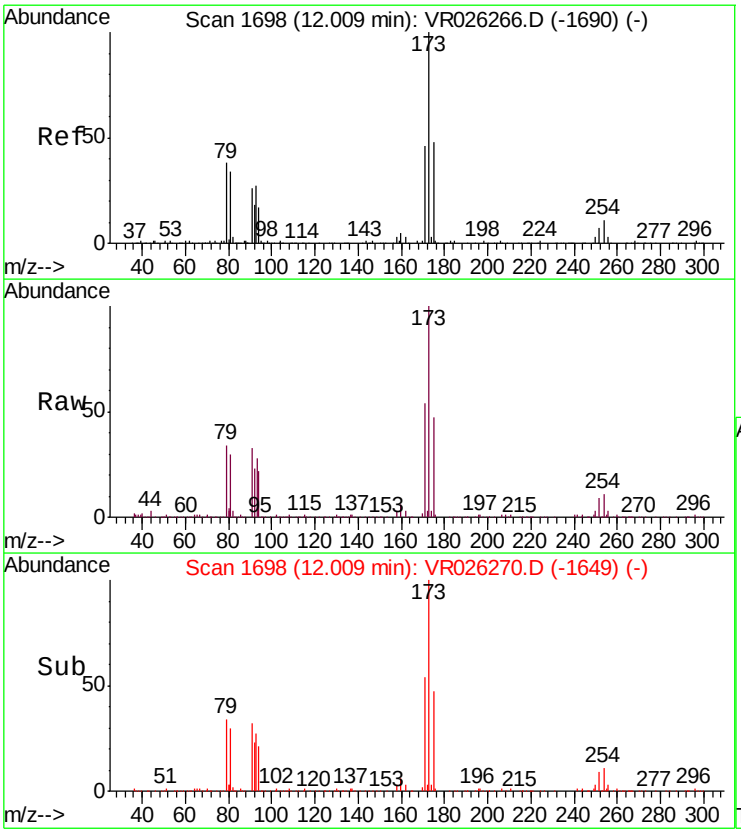
#59
1,2,3-Trichloropropane
Concen: 5.000 ug/L
RT: 12.43 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion: 75 Resp: 59879

Ion	Ratio	Lower	Upper
75	100		
77	32.7	27.0	40.6

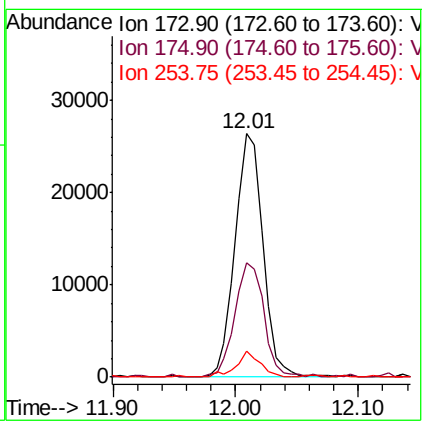


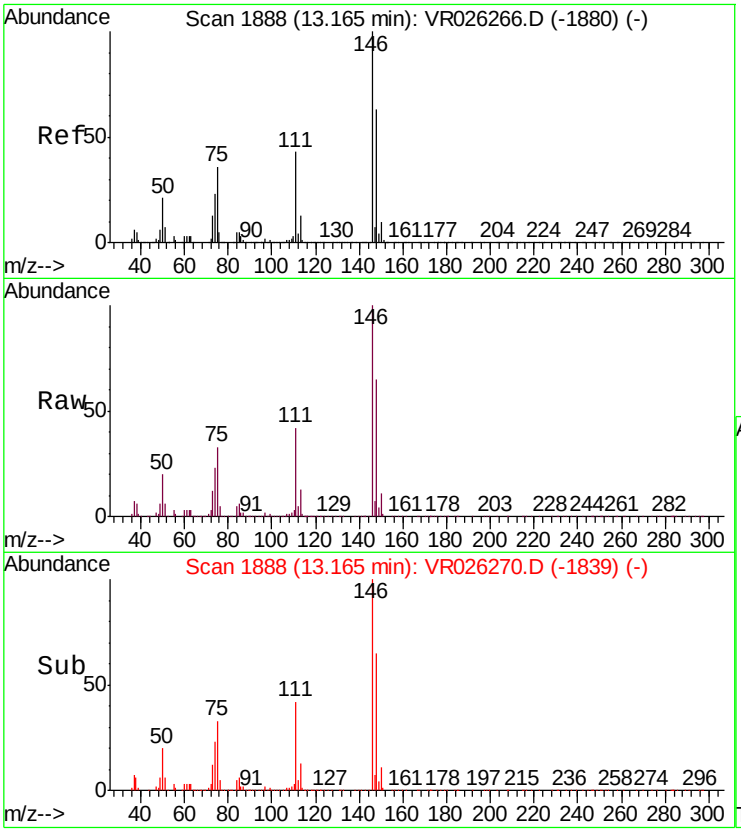


#61
Bromoform
Concen: 4.912 ug/L
RT: 12.01 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:173 Resp: 41901

Ion	Ratio	Lower	Upper
173	100		
175	48.5	40.9	61.3
254	9.1	8.5	12.7



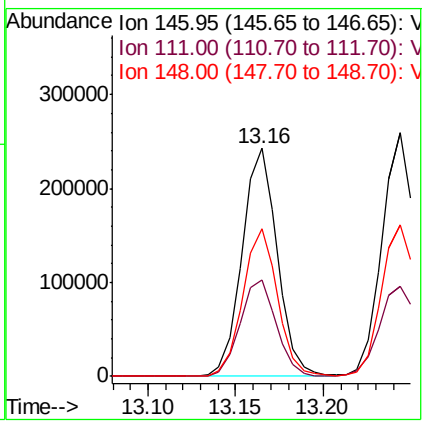


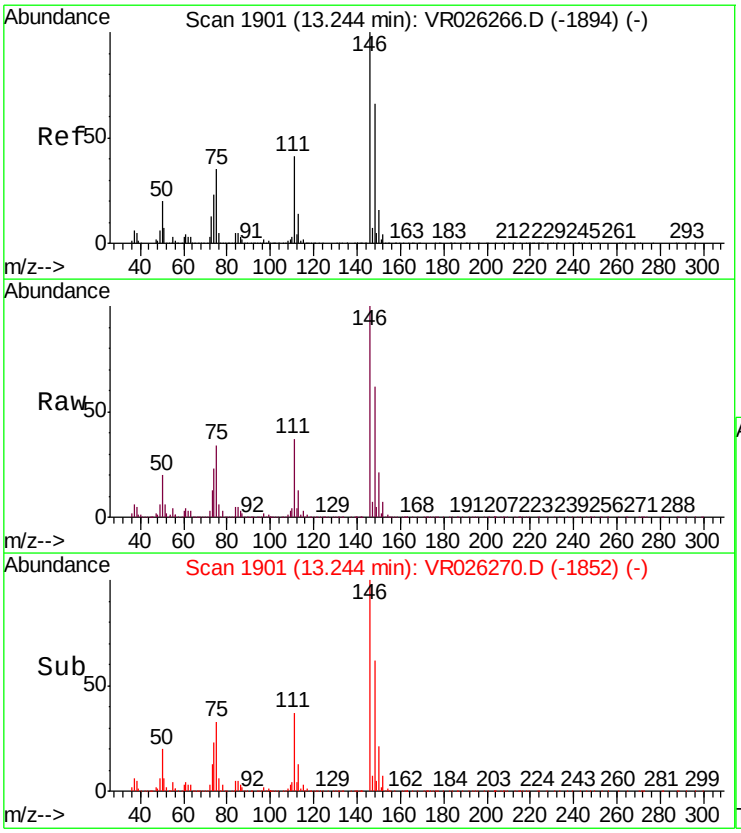
#62
1,3-Dichlorobenzene
Concen: 5.189 ug/L
RT: 13.16 min Scan# 1888
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Tgt Ion:146 Resp: 340574

Ion	Ratio	Lower	Upper
146	100		
111	42.5	30.4	56.4
148	65.0	44.4	82.5

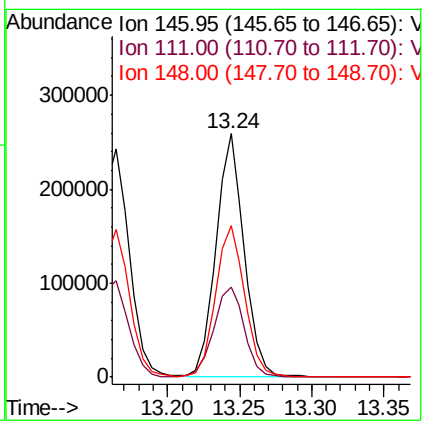


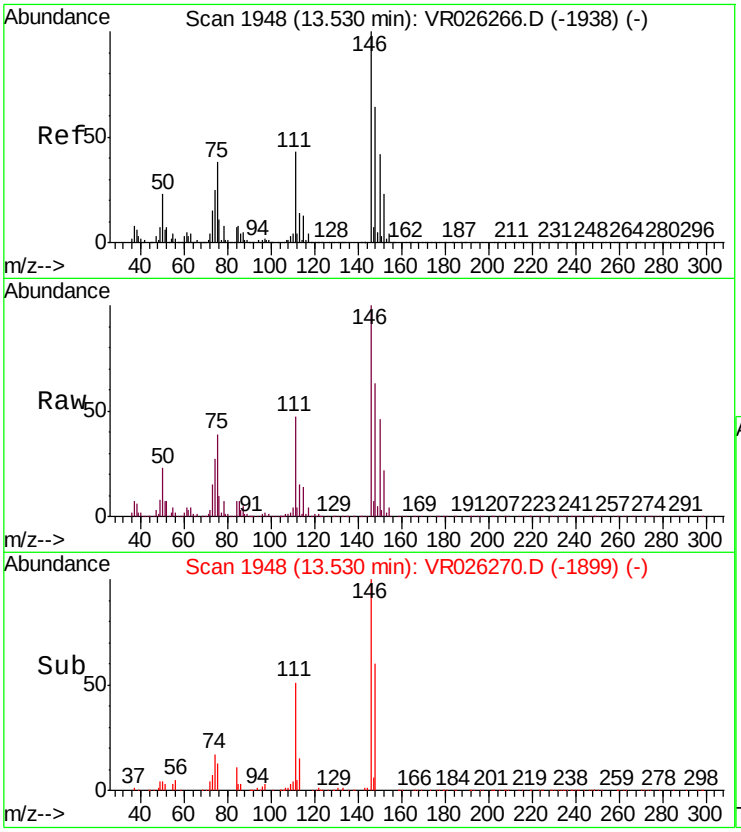


#63
1,4-Dichlorobenzene
Concen: 5.016 ug/L
RT: 13.24 min Scan# 1901
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:146 Resp: 353617

Ion	Ratio	Lower	Upper
146	100		
111	36.7	29.0	53.9
148	62.0	46.7	86.7



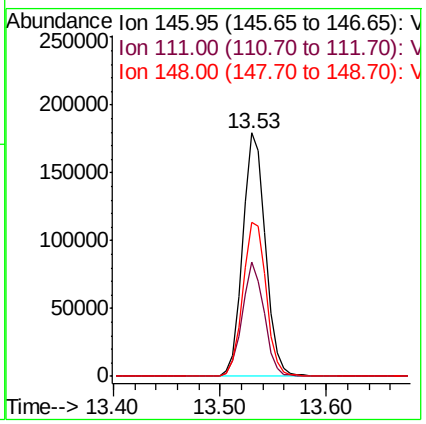


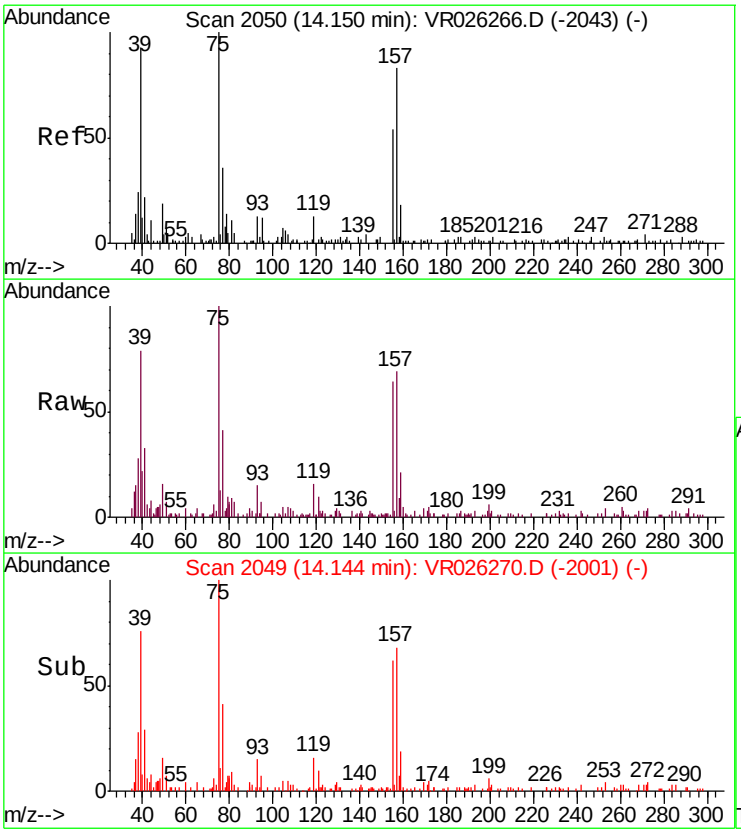
#65
1,2-Dichlorobenzene
Concen: 5.028 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion:146 Resp: 268613

Ion	Ratio	Lower	Upper
146	100		
111	47.1	34.6	52.0
148	63.1	51.0	76.6

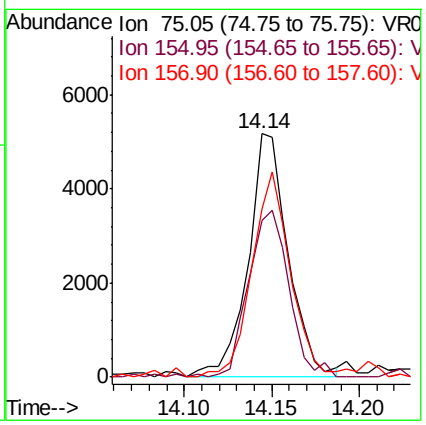


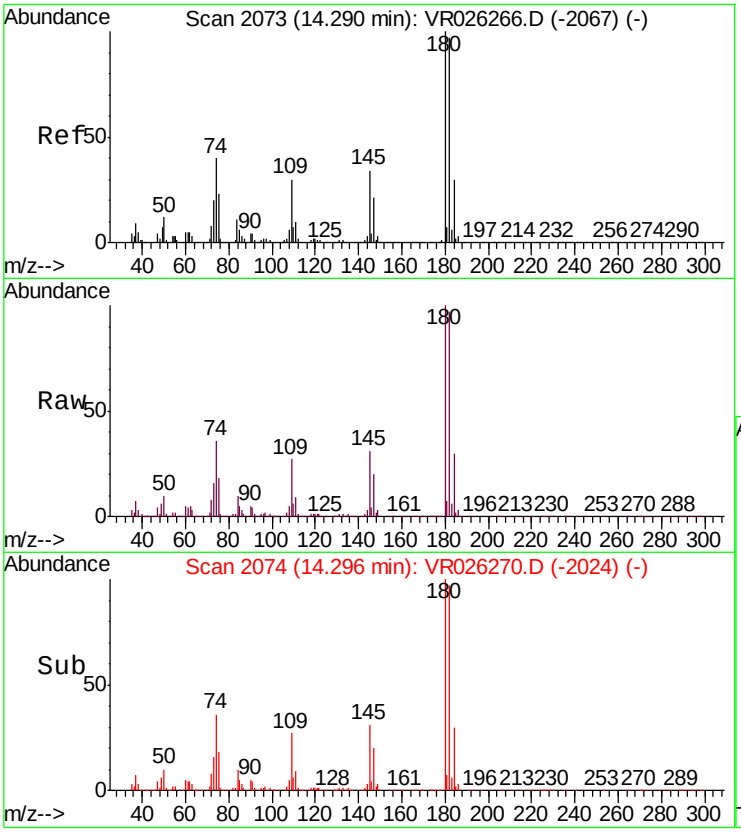


#66
1,2-Dibromo-3-chloropropane
Concen: 4.391 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 75 Resp: 8326

Ion	Ratio	Lower	Upper
75	100		
155	64.5	44.4	66.6
157	69.1	66.3	99.5



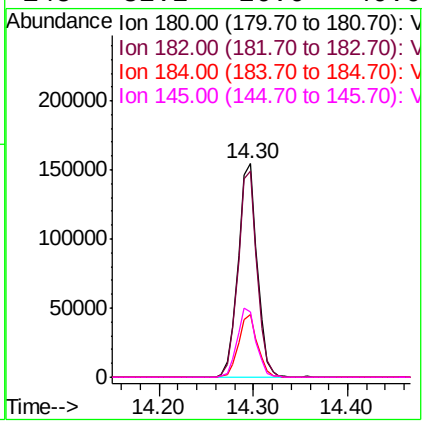


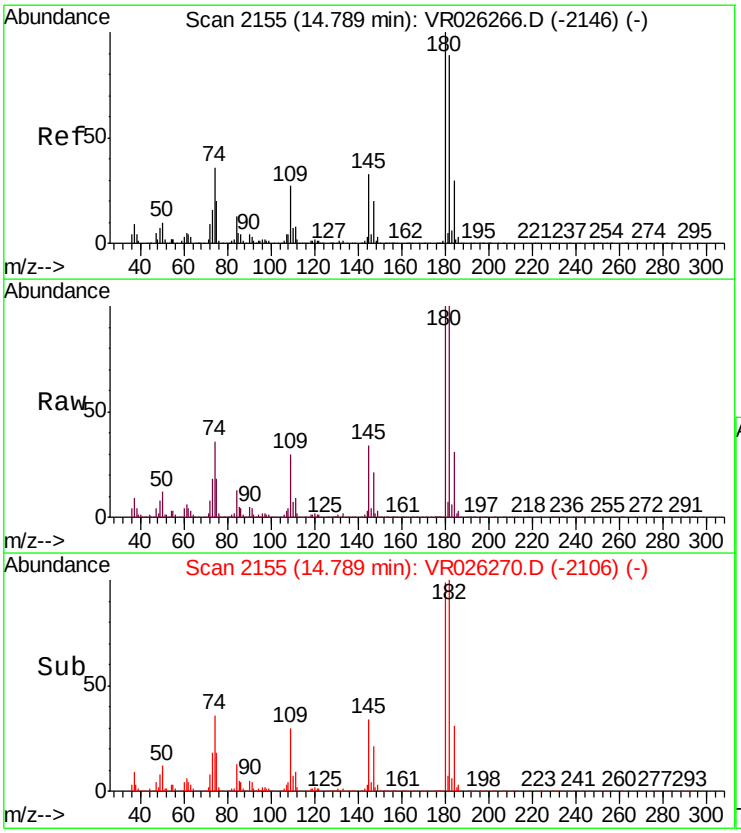
#67
1,3,5-Trichlorobenzene
Concen: 5.157 ug/L
RT: 14.30 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion:180 Resp: 216765

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.3	115.9
184	29.1	24.4	36.6
145	32.2	26.6	40.0

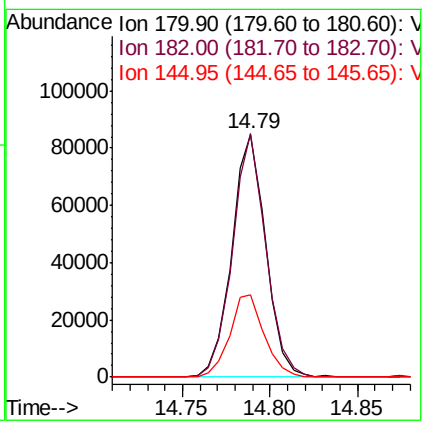


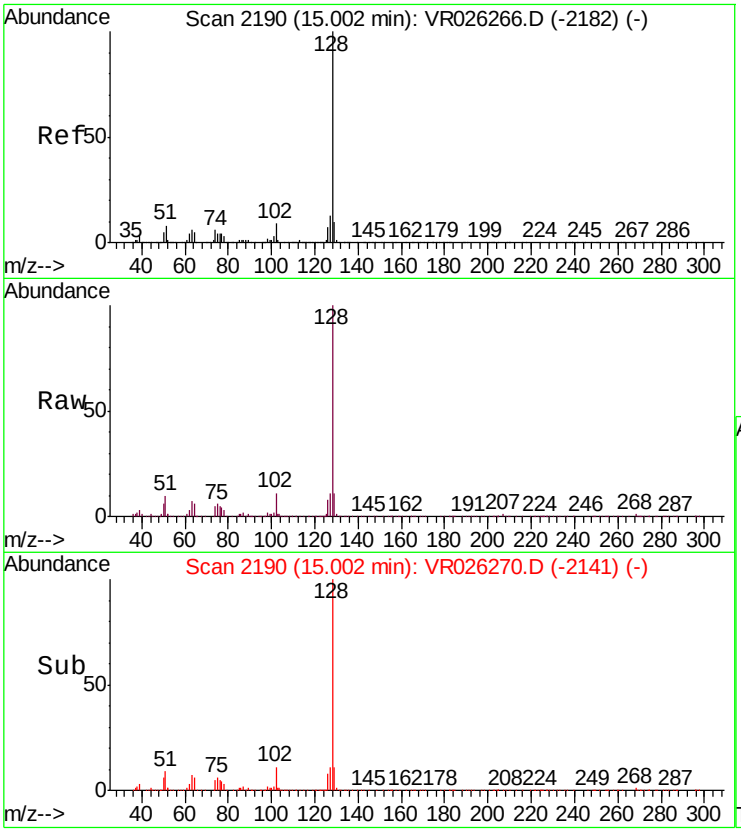


#68
1,2,4-trichlorobenzene
Concen: 4.996 ug/L
RT: 14.79 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:180 Resp: 114088

Ion	Ratio	Lower	Upper
180	100		
182	98.6	75.8	113.6
145	35.1	27.0	40.4



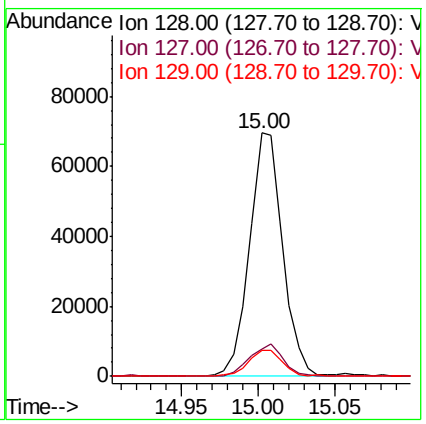


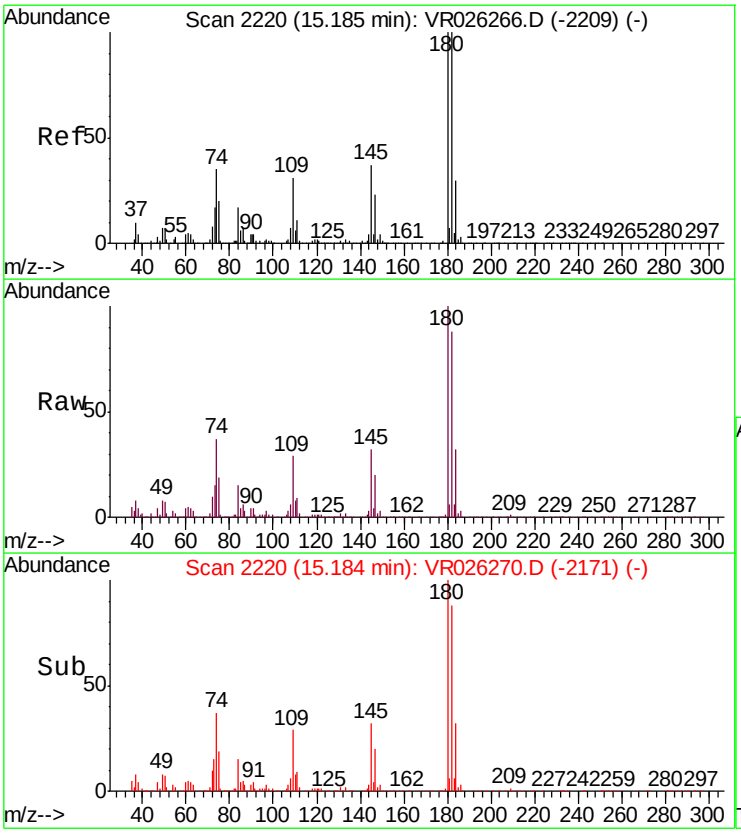
#69
Naphthalene
Concen: 5.097 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Tgt Ion:128 Resp: 104562

Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.1	16.7
129	11.3	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 5.180 ug/L
RT: 15.18 min Scan# 2220
Delta R.T. -0.00 min
Lab File: VR026270.D
Acq: 17 Dec 2018 18:07

Tgt Ion:180 Resp: 82029

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.1	112.7
145	34.5	25.8	38.6