Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR112018\

Quantitation Report (Not Reviewed)

Data File : VR026233.D
Acq On : 20 Nov 2018 16:19
Operator : SY/MD
Sample : VSTD00590
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Quant Time: Nov 20 16:59:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 16:29:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	670196	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	566359	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	239184	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	243520	4.92	ug/L		0.00
7) Chloroethane-d5	2.63	69	216480	4.69	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.61	63	618771	4.74	ug/L		0.00
20) 2-Butanone-d5	6.59	46	223756	52.04	ug/L		0.00
24) Chloroform-d	7.20	84	475616	5.42	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	184295	5.28	ug/L		0.00
32) Benzene-d6	7.85	84	950405	5.86	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	232382	5.39	ug/L		0.00
41) Toluene-d8	9.97	98	894323	5.94	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	66005	6.11	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	166782	53.00	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	97110	5.47	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	189333	5.45	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	233279	5.486	ug/L		99
3) Chloromethane	2.01	50	282665	3.876	ug/L		95
5) Vinyl chloride	2.17	62	280643	3.903	ug/L		97
6) Bromomethane	2.52	94	184581	3.857	ug/L		98
8) Chloroethane	2.66	64	172403	3.794	ug/L		97
9) Trichlorofluoromethane	2.94	101	194401	2.011	ug/L	#	31
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	252466	4.548	ug/L		100
12) 1,1-Dichloroethene	3.63	96	269811	4.119	ug/L	#	83
13) Acetone	3.70	43	162816	35.827	ug/L		97
14) Carbon disulfide	3.93	76	694396	3.895	ug/L		100
15) Methyl Acetate	4.20	43	45516	3.852	ug/L		96
16) Methylene chloride	4.41	84	225690	4.088	ug/L		100
17) Methyl tert-butyl Ether	4.89	73	278956	5.034	ug/L		99
18) trans-1,2-Dichloroethene	4.89	96	249559	4.939	ug/L		100
19) 1,1-Dichloroethane	5.69	63	443550	4.793	ug/L		99
21) 2-Butanone	6.69	43	243054	46.307	ug/L		99
22) cis-1,2-Dichloroethene	6.68	96	223495	5.001	ug/L	#	97
23) Bromochloromethane	7.05	128	64304	4.712	ug/L		84
25) Chloroform	7.23	83	441150	4.883	ug/L		99
27) 1,2-Dichloroethane	7.99	62	192727	4.596	ug/L	#	96
29) 1,1,1-Trichloroethane	7.43	97	379819	5.009	ug/L		98
30) Cyclohexane	7.52	56	375581	5.655	ug/L		95
31) Carbon tetrachloride	7.64	117	352752	5.241	ug/L		97
33) Benzene	7.91	78	994665	4.866	ug/L		100
34) Trichloroethene	8.71	95	260130	4.995	ug/L		98
35) Methylcyclohexane	8.96	83	385835	5.697	ug/L		99
37) 1,2-Dichloropropane	9.00	63	199116	4.644	ug/L	#	98
38) Bromodichloromethane	9.28	83	229428	4.796	ug/L		96
39) cis-1,3-Dichloropropene	9.72	75	250171	5.162	ug/L		96
40) 4-Methyl-2-pentanone	9.87	43	615140	50.773	ug/L		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR112018\

Quantitation Report (Not Reviewed)

Data File : VR026233.D
Acq On : 20 Nov 2018 16:19
Operator : SY/MD
Sample : VSTD00590
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Quant Time: Nov 20 16:59:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 16:29:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	1110250	5.213	ug/L		96
44) trans-1,3-Dichloropropene	10.26	75	166585	5.152	ug/L		96
45) 1,1,2-Trichloroethane	10.45	97	88160	4.763	ug/L		96
47) Tetrachloroethene	10.51	164	189297	5.321	ug/L		96
48) 2-Hexanone	10.63	43	418917	51.273	ug/L		98
49) Dibromochloromethane	10.79	129	107633	4.910	ug/L		97
50) 1,2-Dibromoethane	10.89	107	76921	4.902	ug/L		91
51) Chlorobenzene	11.32	112	582525	4.924	ug/L		99
52) Ethylbenzene	11.39	91	1247822	5.166	ug/L		100
53) m,p-Xylene	11.50	106	463270	5.284	ug/L		94
54) o-Xylene	11.83	106	425388	5.316	ug/L		100
55) Styrene	11.84	104	648951	5.217	ug/L		97
56) Isopropylbenzene	12.13	105	1214185	5.619	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	89549	5.009	ug/L		93
59) 1,2,3-Trichloropropane	12.43	75	64240	4.772	ug/L		97
61) Bromoform	12.02	173	40810	4.316	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	359110	4.961	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	371671	4.669	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	294657	4.851	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.15	75	9236	4.099	ug/L	#	63
67) 1,3,5-Trichlorobenzene	14.29	180	232030	5.146	ug/L		99
68) 1,2,4-trichlorobenzene	14.79	180	134739	5.353	ug/L		98
69) Naphthalene	15.00	128	134038	5.047	ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	98332	5.582	ug/L		97

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

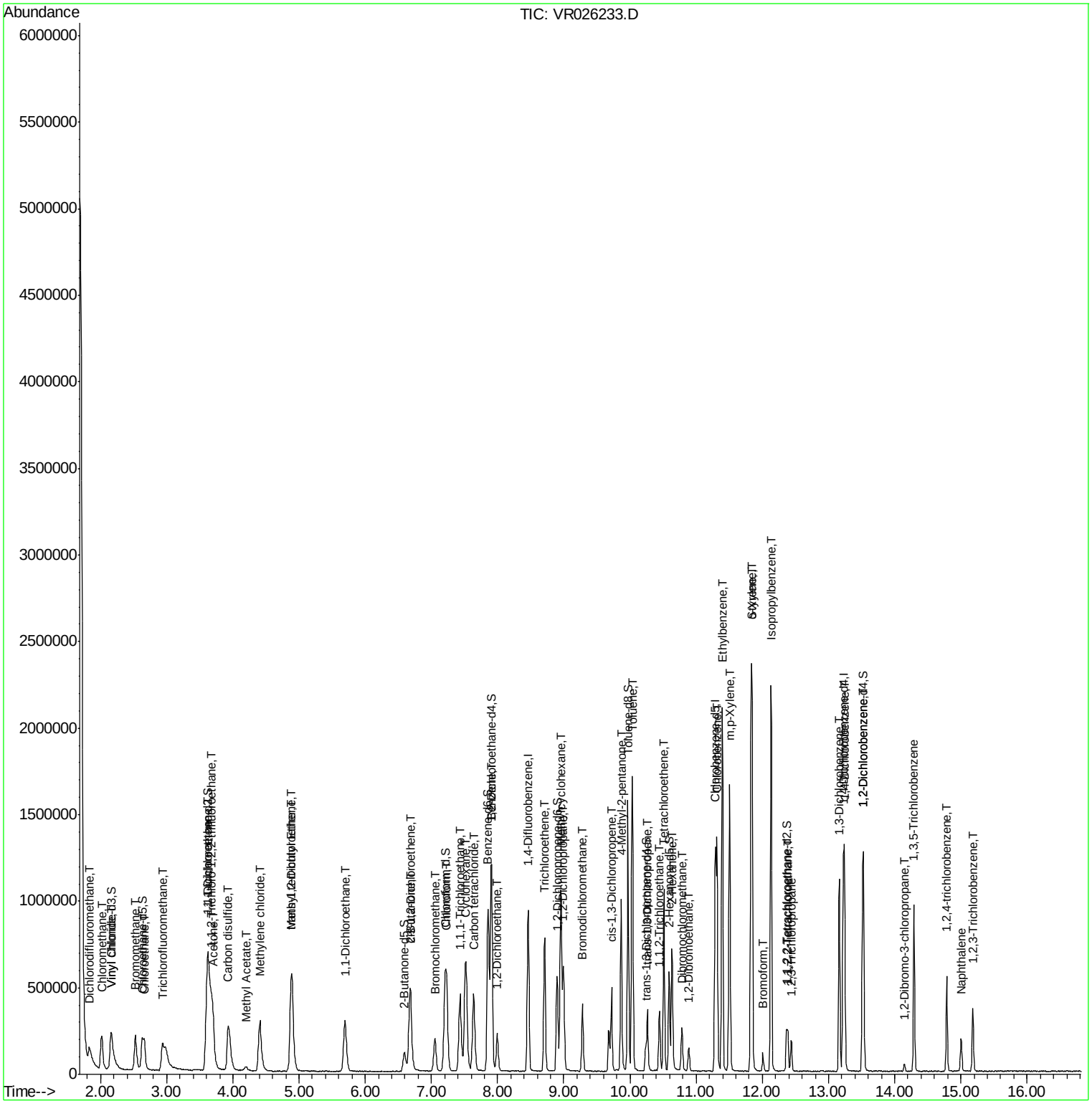
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR112018\

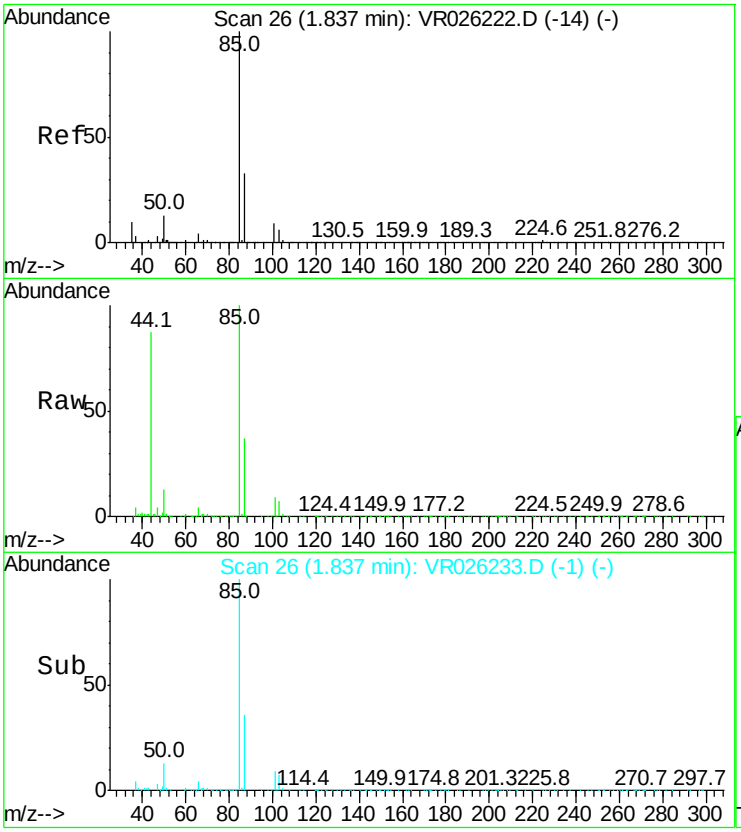
Quantitation Report (Not Reviewed)

Data File : VR026233.D
Acq On : 20 Nov 2018 16:19
Operator : SY/MD
Sample : VSTD00590
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Quant Time: Nov 20 16:59:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 16:29:16 2018
Response via : Initial Calibration



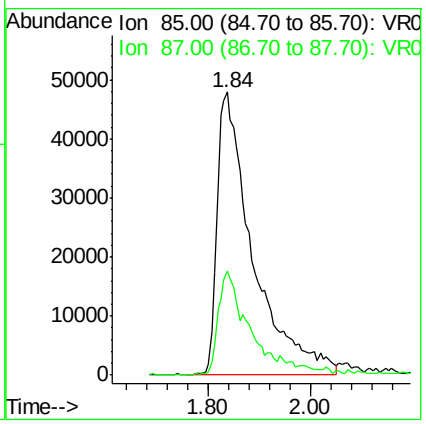


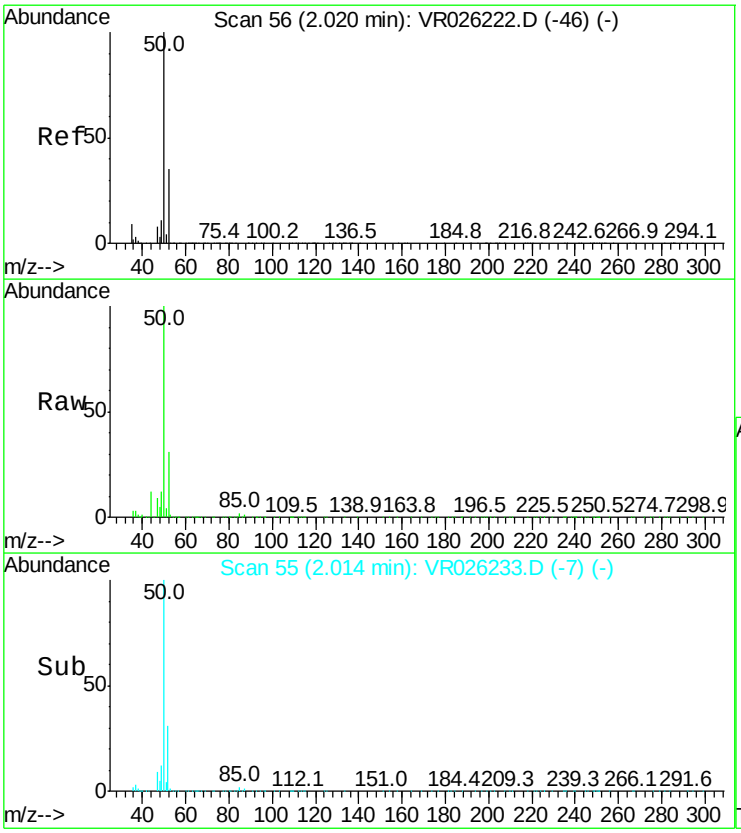
#2
Dichlorodifluoromethane
Concen: 5.486 ug/L
RT: 1.84 min Scan# 26
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 85 Resp: 233279

Ion	Ratio	Lower	Upper
85	100		
87	29.0	23.4	35.2

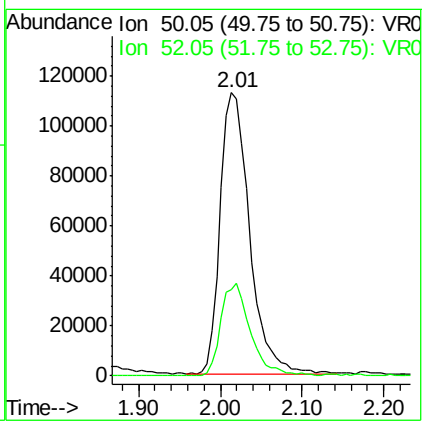


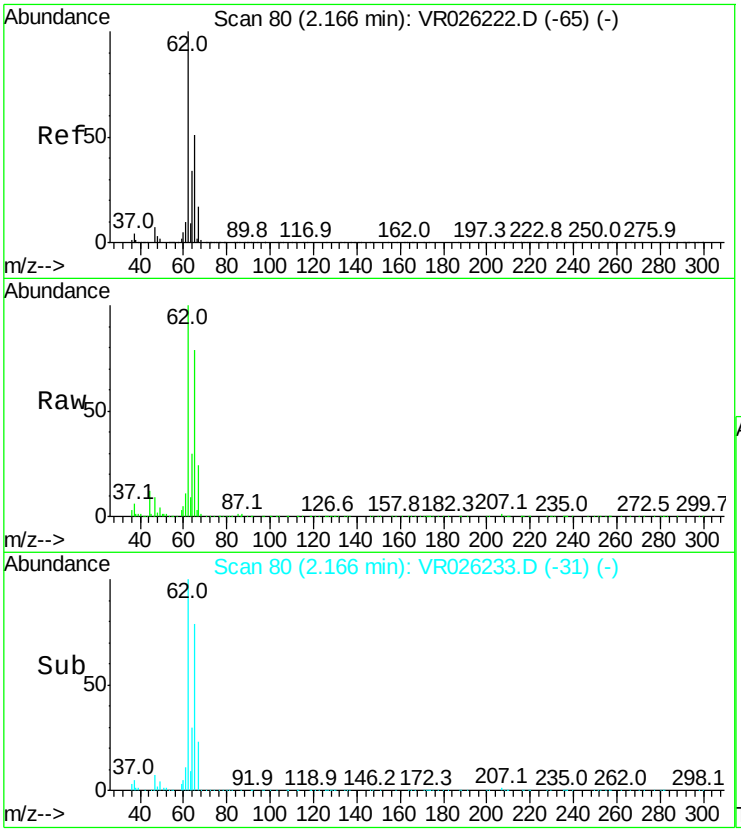


#3
Chloromethane
Concen: 3.876 ug/L
RT: 2.01 min Scan# 55
Delta R.T. -0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 50 Resp: 282665

Ion	Ratio	Lower	Upper
50	100		
52	30.6	23.4	43.6



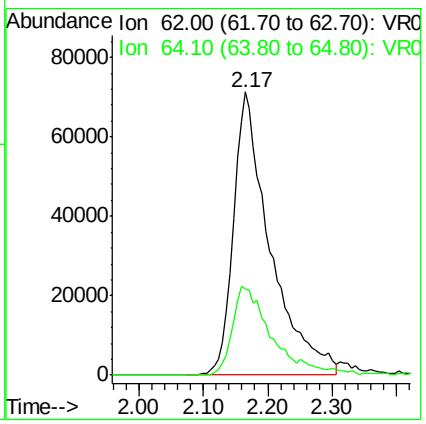


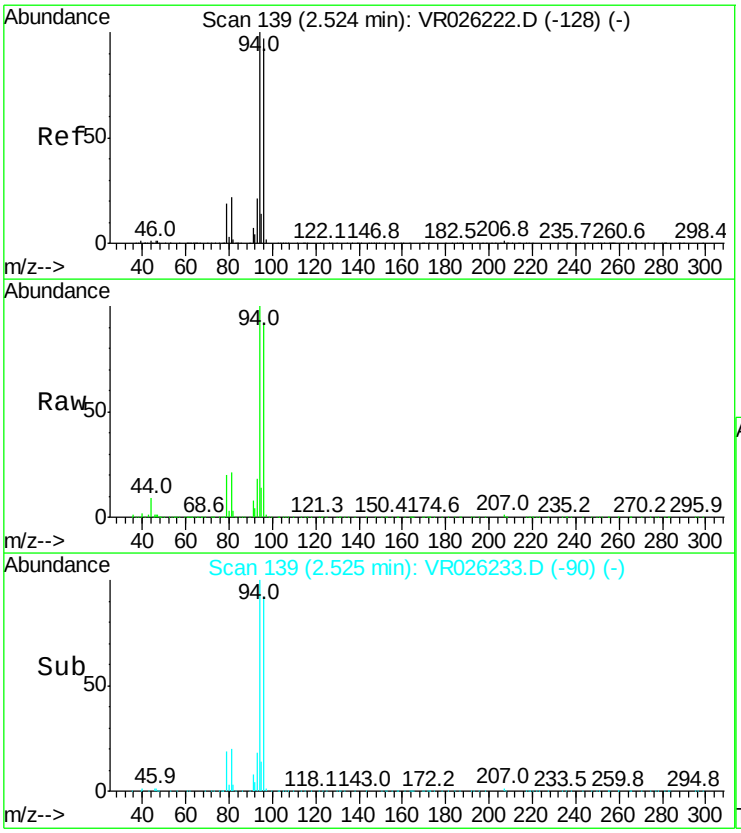
#5
Vinyl chloride
Concen: 3.903 ug/L
RT: 2.17 min Scan# 80
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 62 Resp: 280643

Ion	Ratio	Lower	Upper
62	100		
64	30.4	22.5	41.7

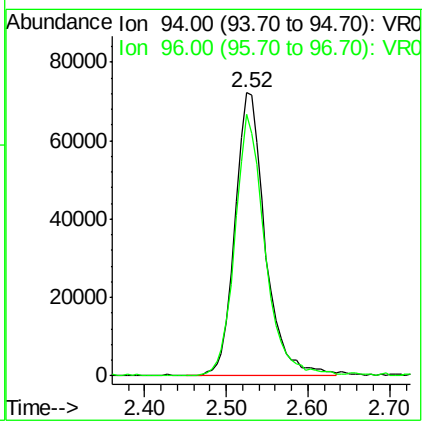


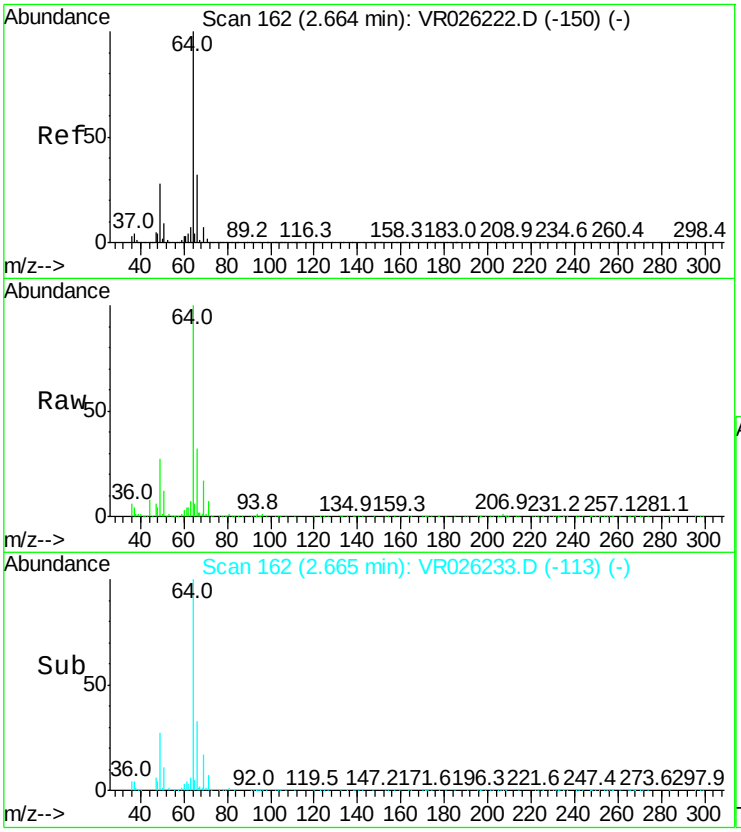


#6
Bromomethane
Concen: 3.857 ug/L
RT: 2.52 min Scan# 139
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 94 Resp: 184581

Ion	Ratio	Lower	Upper
94	100		
96	92.3	63.4	117.8



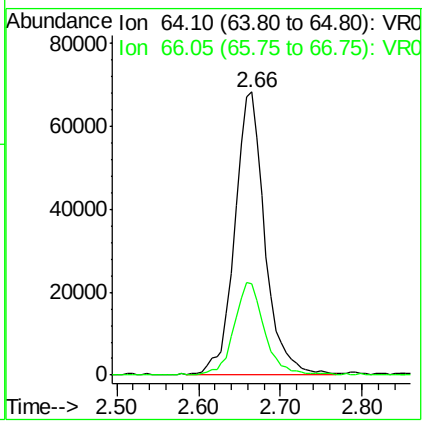


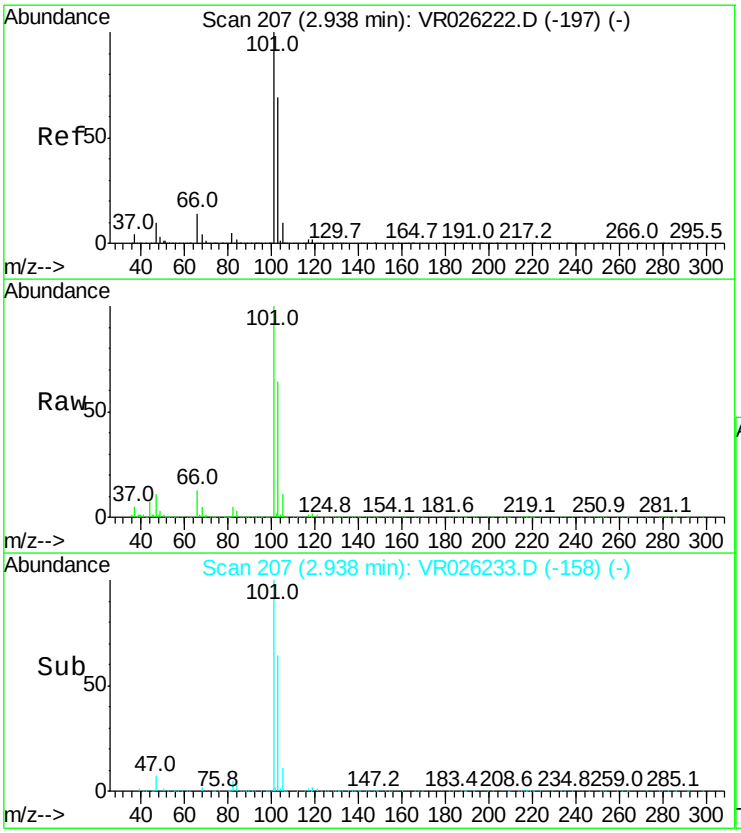
#8
Chloroethane
Concen: 3.794 ug/L
RT: 2.66 min Scan# 162
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 64 Resp: 172403

Ion	Ratio	Lower	Upper
64	100		
66	32.5	21.4	39.8

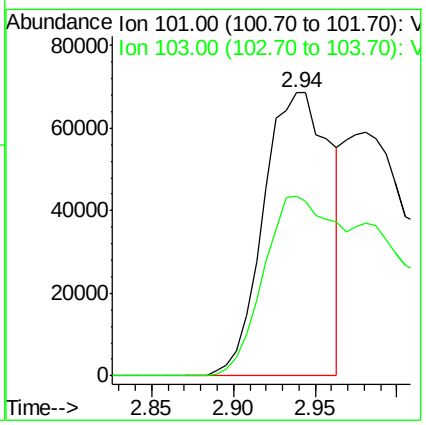


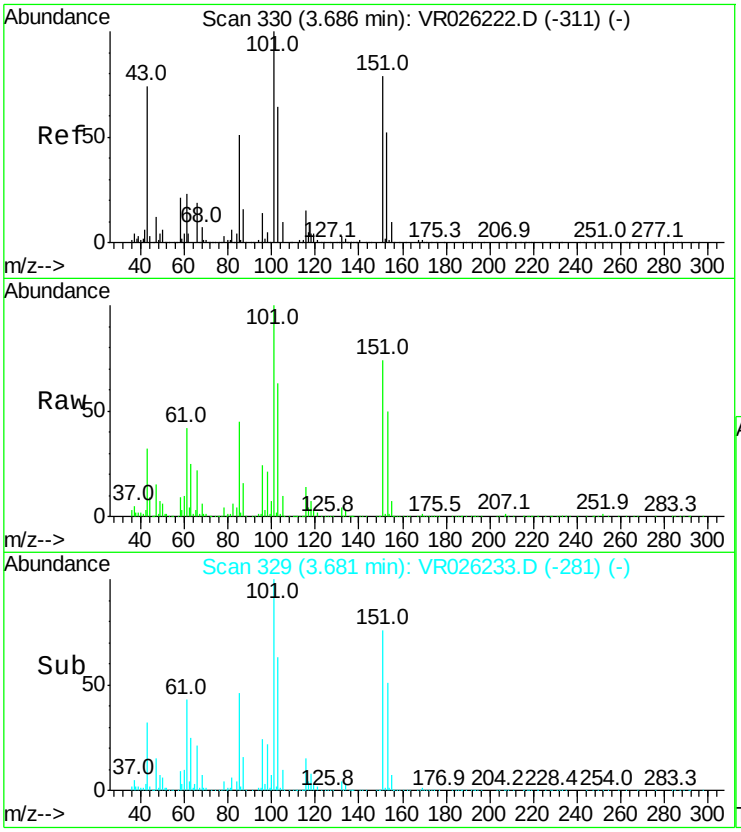


#9
Trichlorofluoromethane
Concen: 2.011 ug/L
RT: 2.94 min Scan# 207
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:101 Resp: 194401

Ion	Ratio	Lower	Upper
101	100		
103	70.6	25.8	38.8#



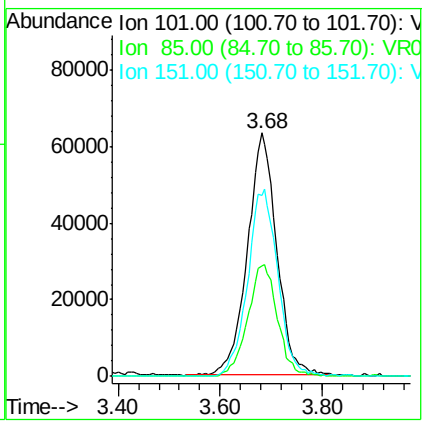


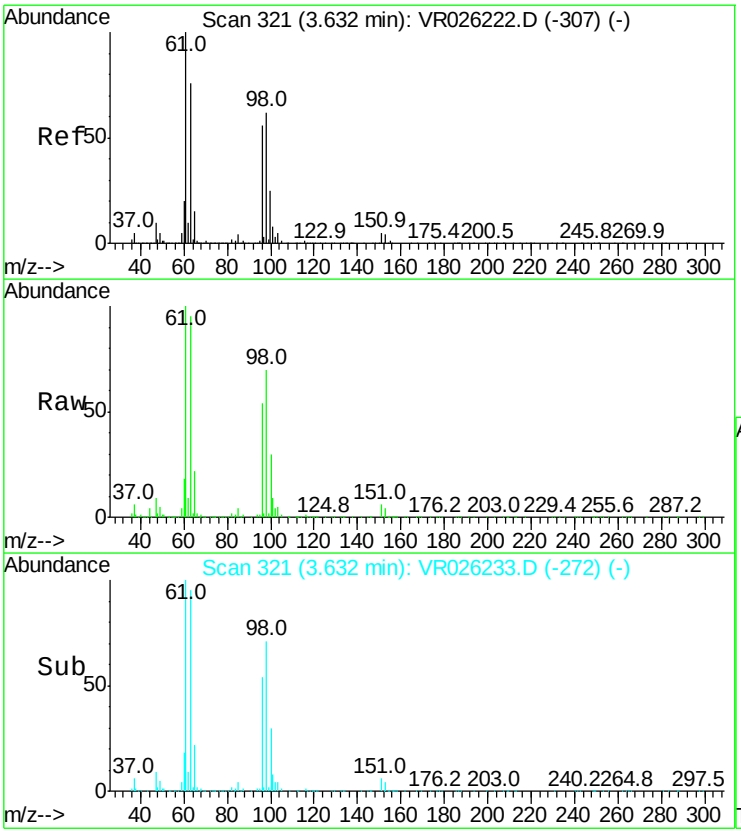
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.548 ug/L
RT: 3.68 min Scan# 329
Delta R.T. -0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:101 Resp: 252466

Ion	Ratio	Lower	Upper
101	100		
85	46.7	37.9	56.9
151	79.1	63.2	94.8

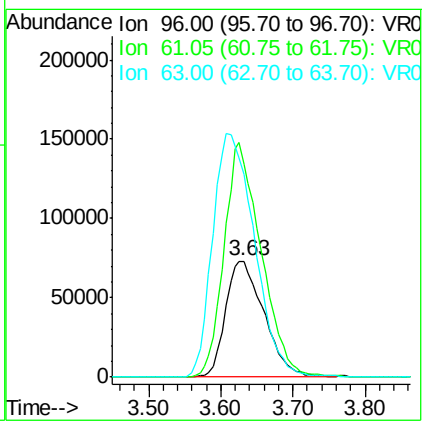


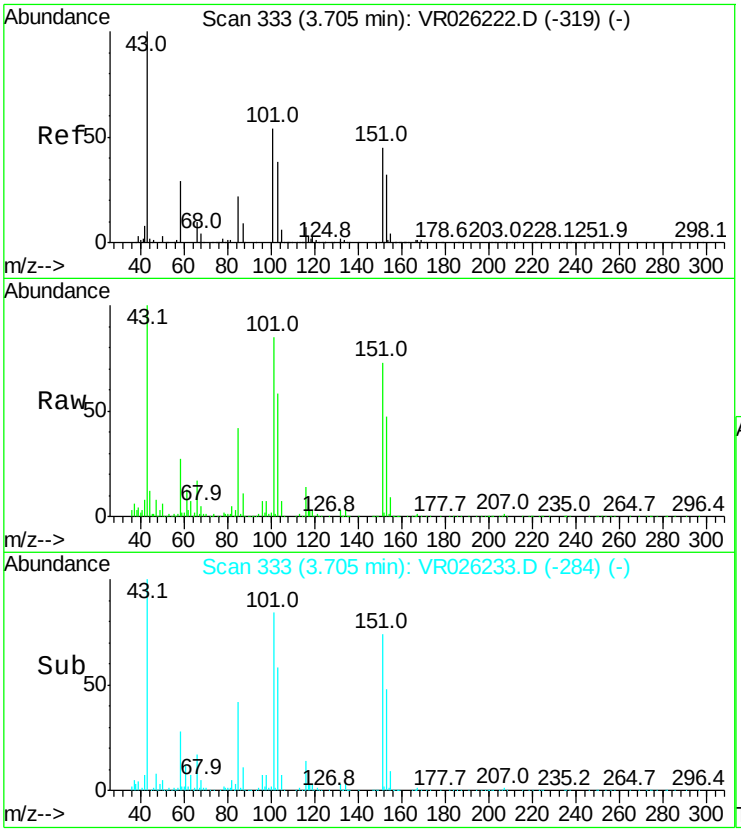


#12
1,1-Dichloroethene
Concen: 4.119 ug/L
RT: 3.63 min Scan# 321
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 96 Resp: 269811

Ion	Ratio	Lower	Upper
96	100		
61	183.9	125.5	233.1
63	175.1	93.7	174.1#



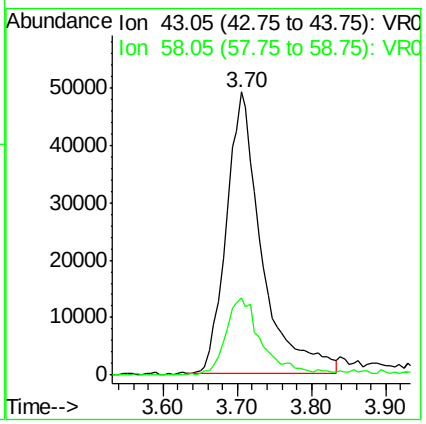


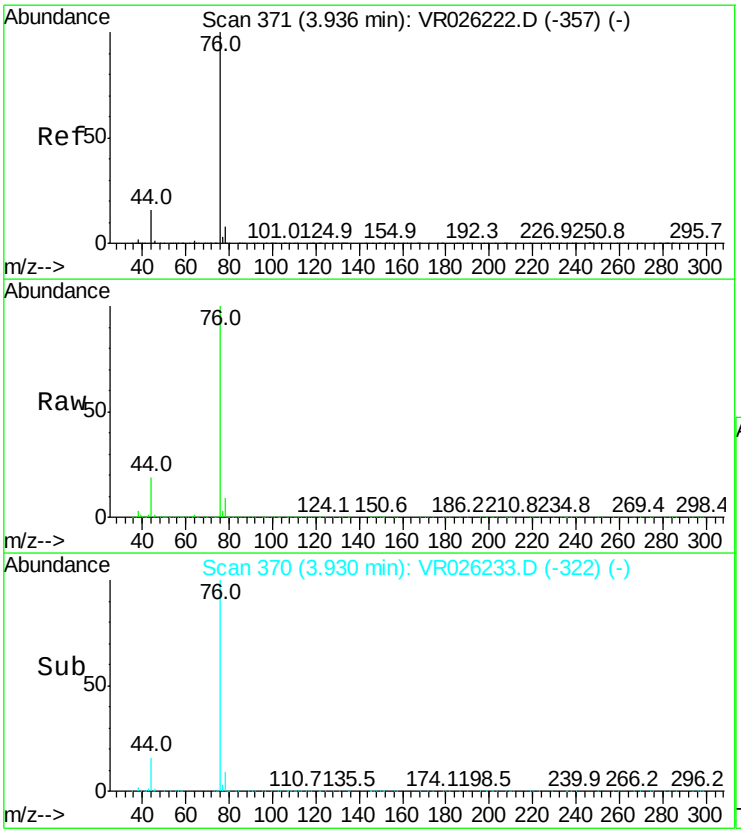
#13
Acetone
Concen: 35.827 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 43 Resp: 162816

Ion	Ratio	Lower	Upper
43	100		
58	27.5	0.0	58.6

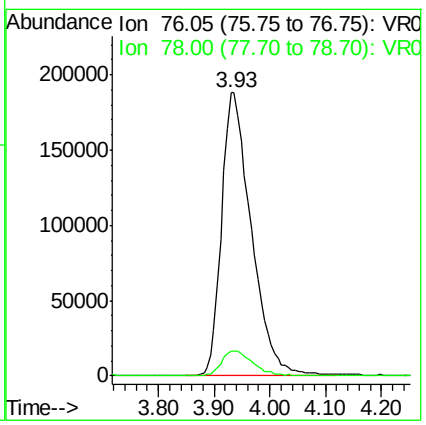


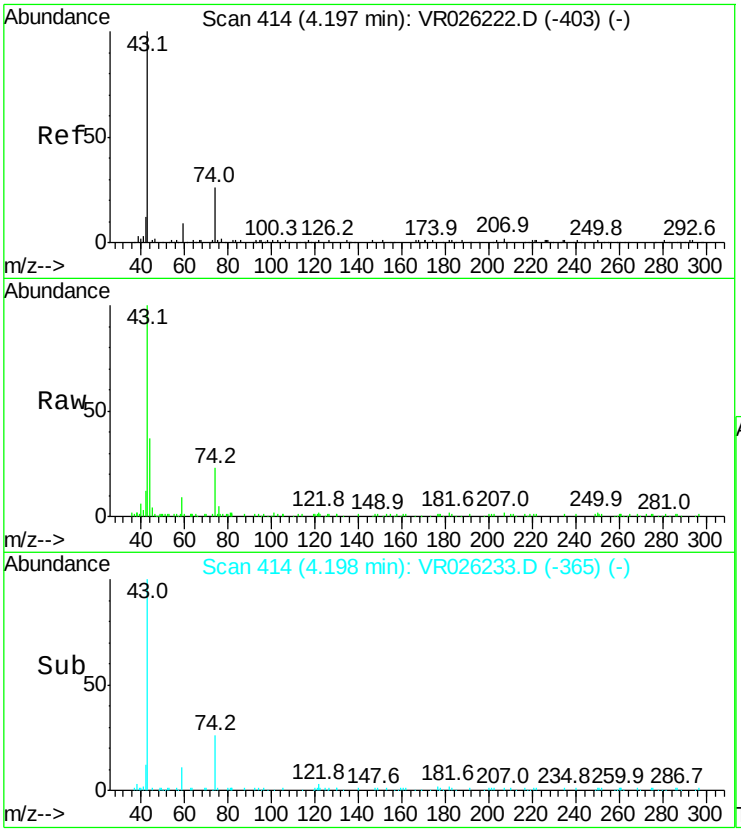


#14
Carbon disulfide
Concen: 3.895 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 76 Resp: 694396

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6



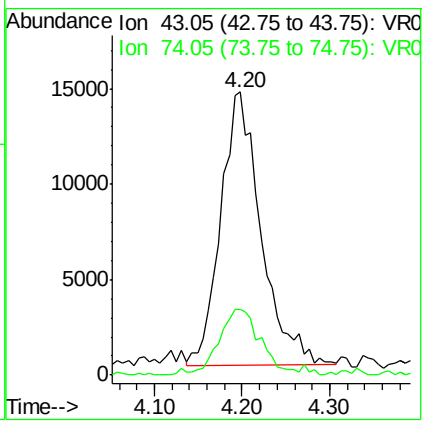


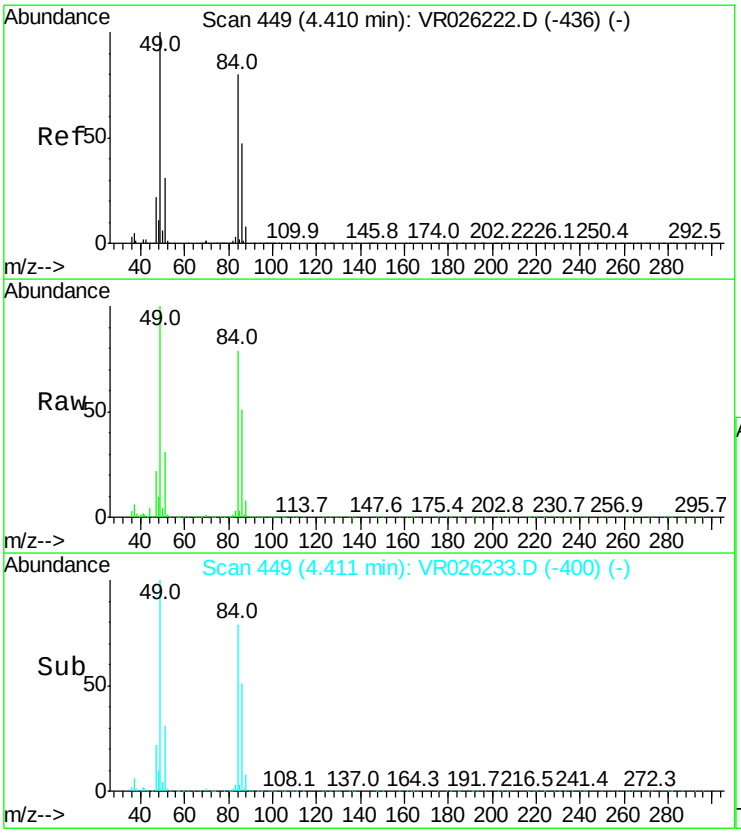
#15
Methyl Acetate
Concen: 3.852 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Tgt Ion: 43 Resp: 45516

Ion	Ratio	Lower	Upper
43	100		
74	24.2	17.8	26.6

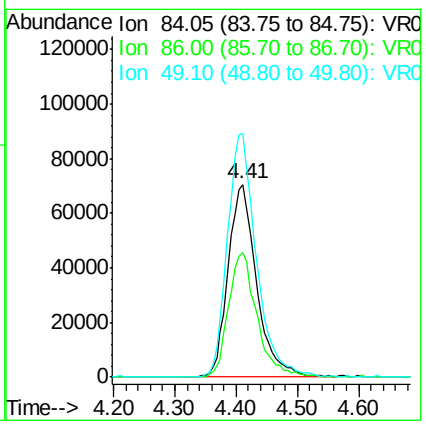


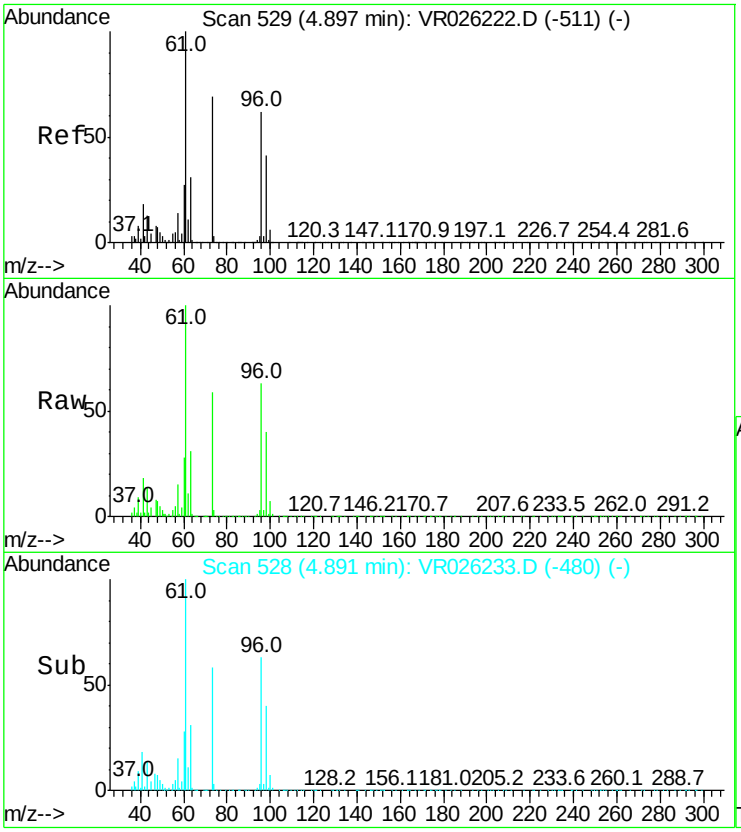


#16
Methylene chloride
Concen: 4.088 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 84 Resp: 225690

Ion	Ratio	Lower	Upper
84	100		
86	64.6	45.1	83.9
49	126.2	87.9	163.3



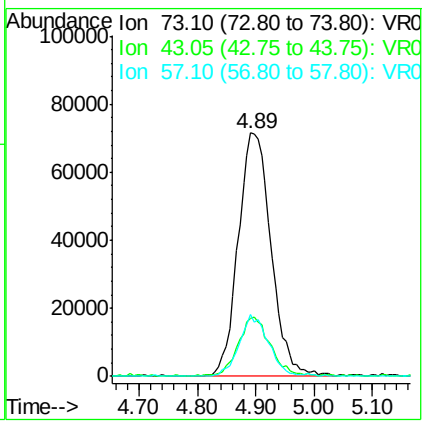


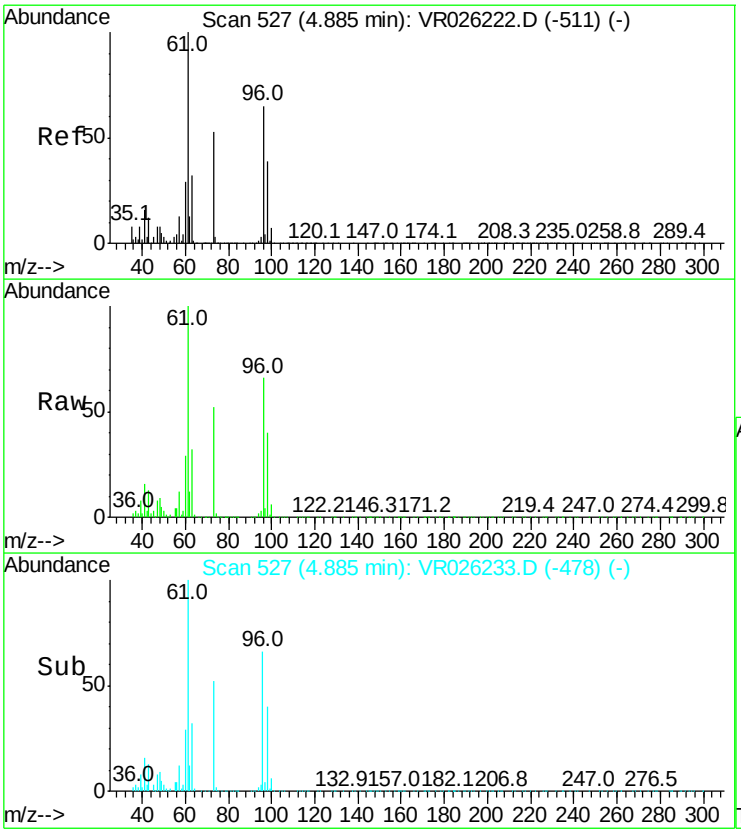
#17
Methyl tert-butyl Ether
Concen: 5.034 ug/L
RT: 4.89 min Scan# 528
Delta R.T. -0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Tgt Ion: 73 Resp: 278956

Ion	Ratio	Lower	Upper
73	100		
43	23.7	19.1	28.7
57	22.4	18.9	28.3

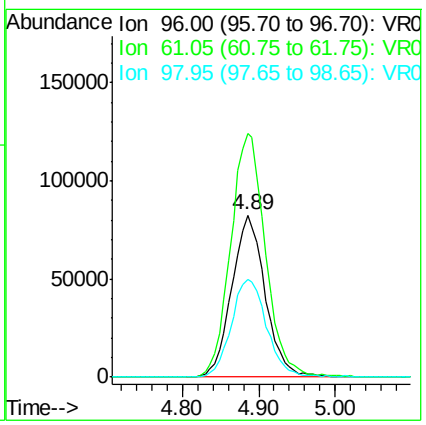


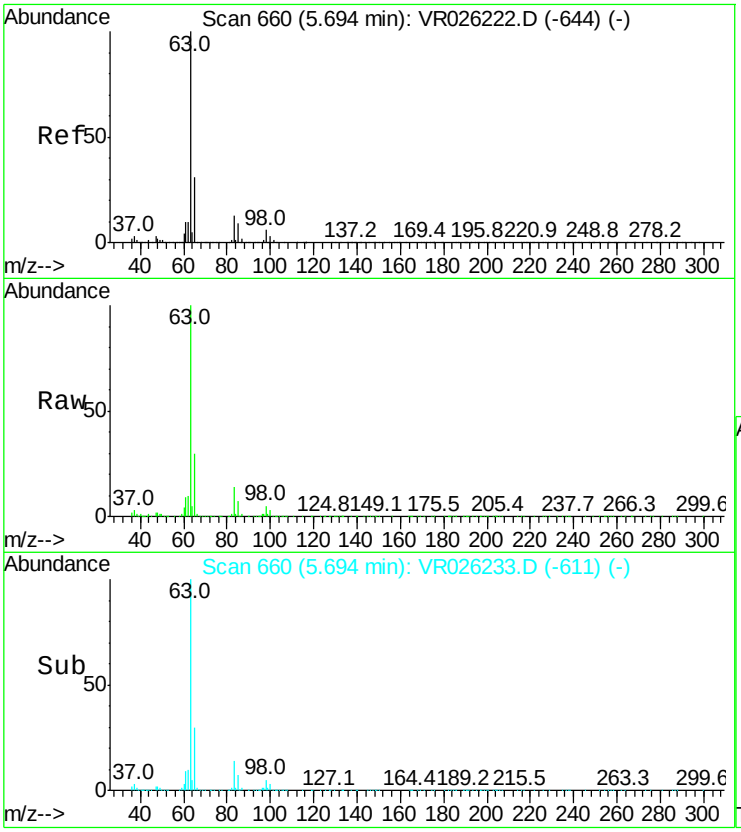


#18
trans-1,2-Dichloroethene
Concen: 4.939 ug/L
RT: 4.89 min Scan# 527
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 96 Resp: 249559

Ion	Ratio	Lower	Upper
96	100		
61	150.6	105.6	196.2
98	60.1	41.5	77.1



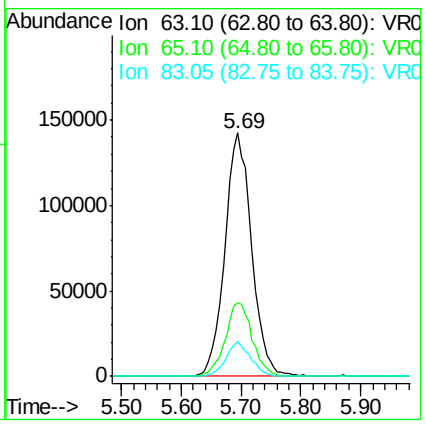


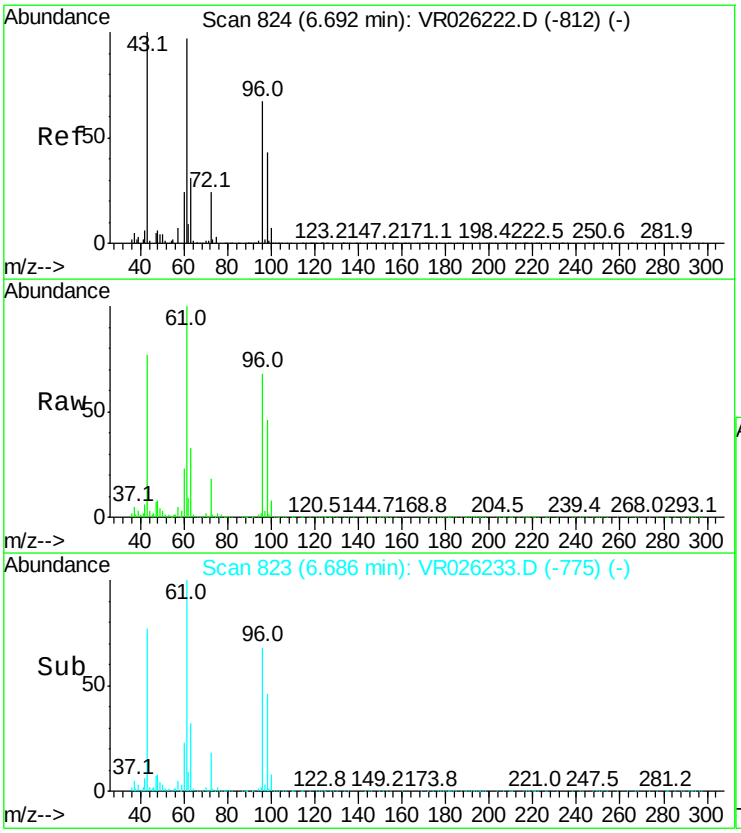
#19
1,1-Dichloroethane
Concen: 4.793 ug/L
RT: 5.69 min Scan# 660
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 63 Resp: 443550

Ion	Ratio	Lower	Upper
63	100		
65	30.2	20.9	38.7
83	14.2	9.1	16.9

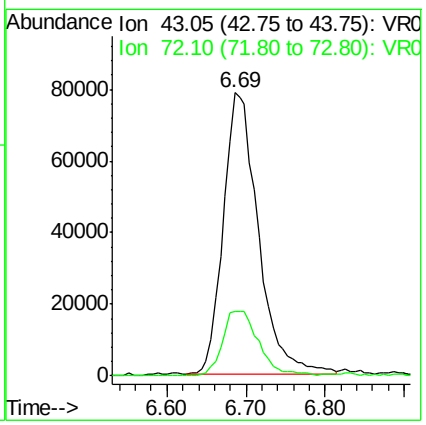


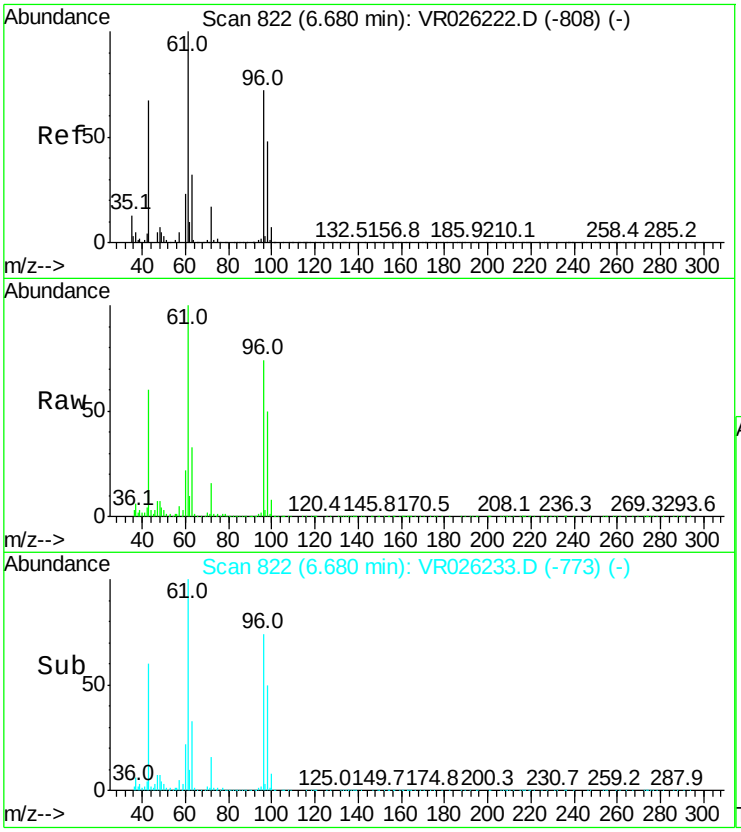


#21
2-Butanone
Concen: 46.307 ug/L
RT: 6.69 min Scan# 823
Delta R.T. -0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 43 Resp: 243054

Ion	Ratio	Lower	Upper
43	100		
72	23.6	11.9	35.9



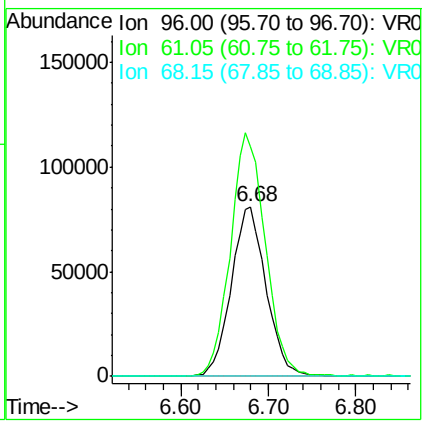


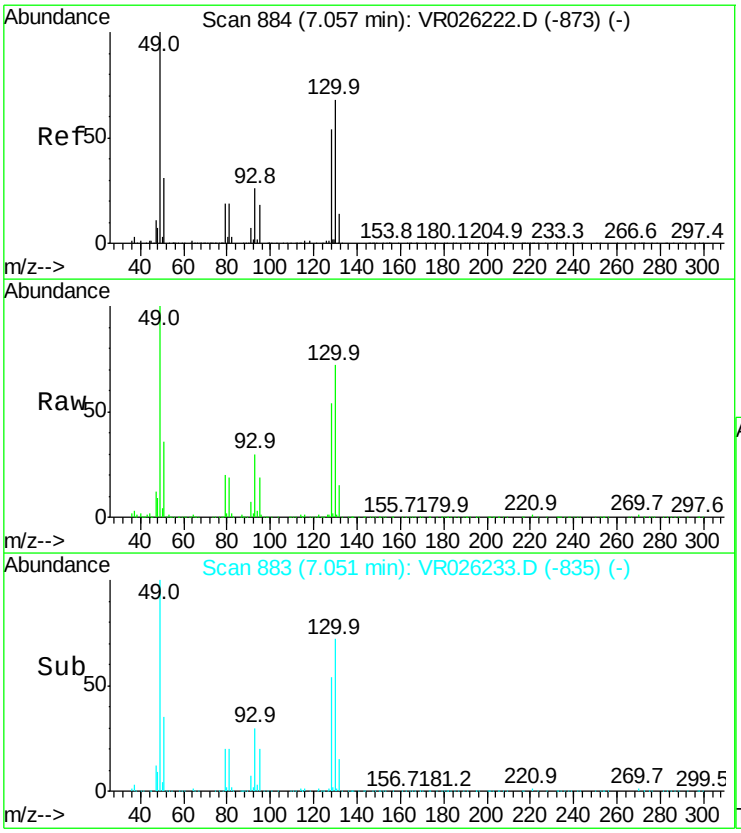
#22
cis-1,2-Dichloroethene
Concen: 5.001 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 96 Resp: 223495

Ion	Ratio	Lower	Upper
96	100		
61	135.5	97.4	180.8
68	0.0	0.1	0.3#

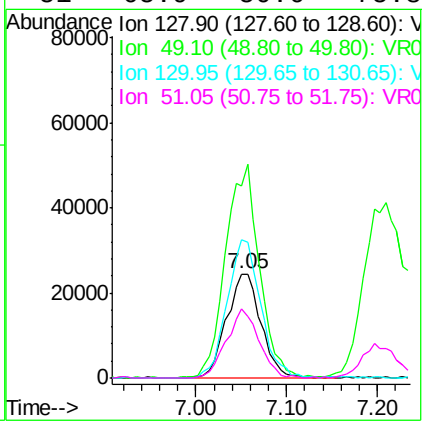


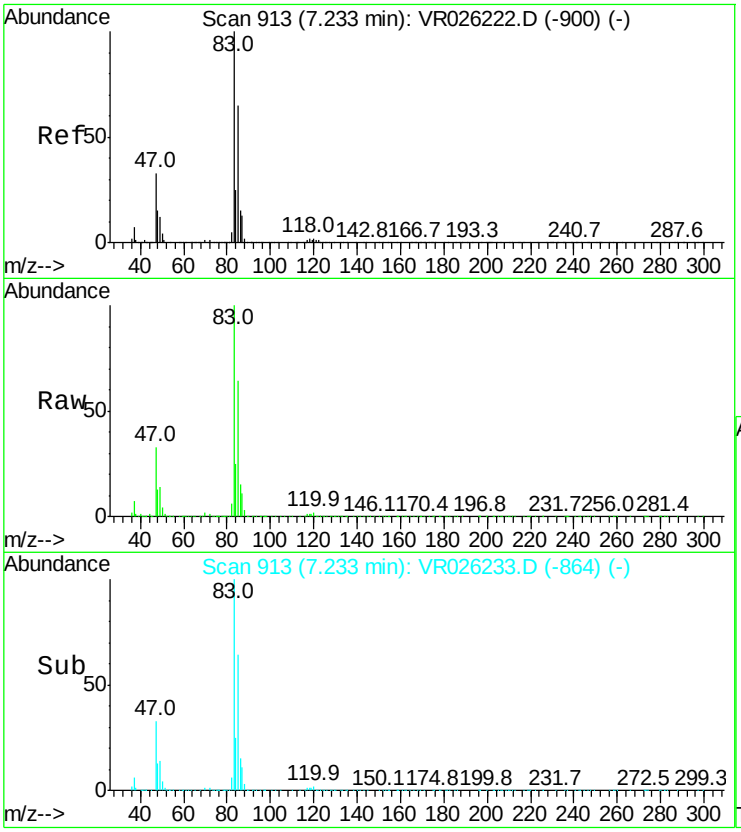


#23
Bromochloromethane
Concen: 4.712 ug/L
RT: 7.05 min Scan# 883
Delta R.T. -0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:128 Resp: 64304

Ion	Ratio	Lower	Upper
128	100		
49	185.1	151.1	280.5
130	133.0	80.5	149.5
51	65.9	50.6	75.8



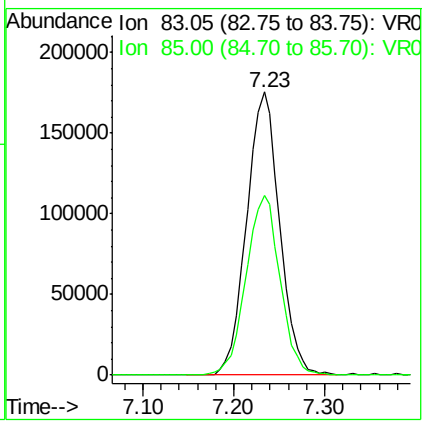


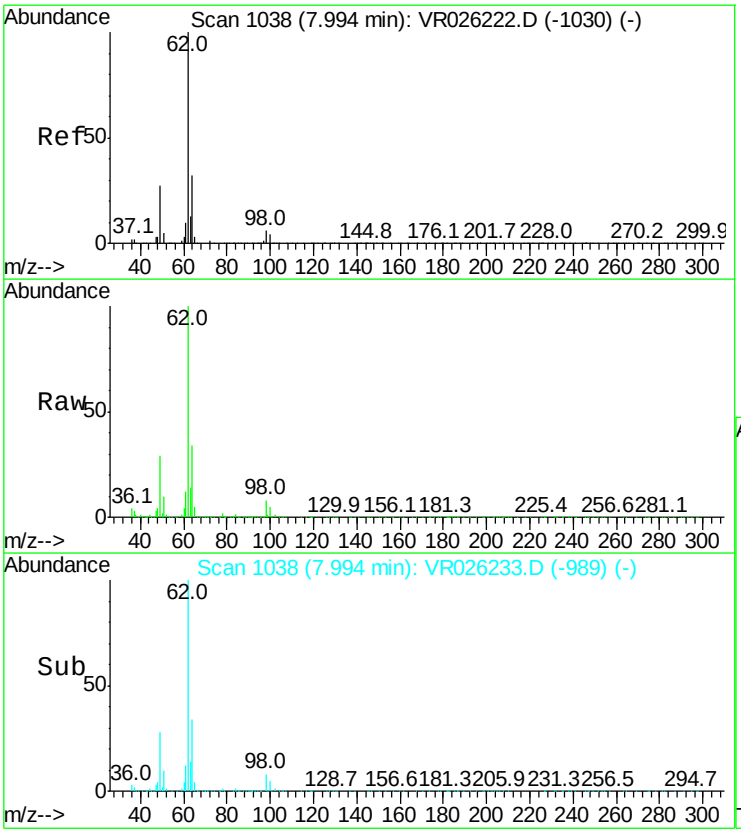
#25
Chloroform
Concen: 4.883 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Tgt Ion: 83 Resp: 441150

Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.8	83.2

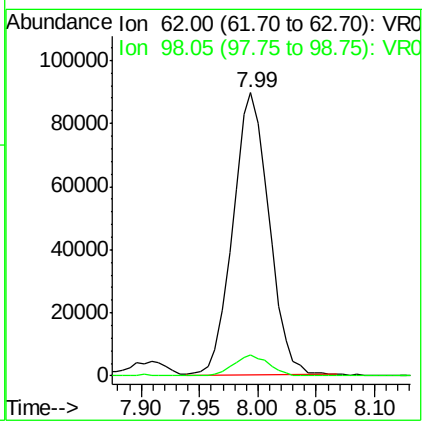


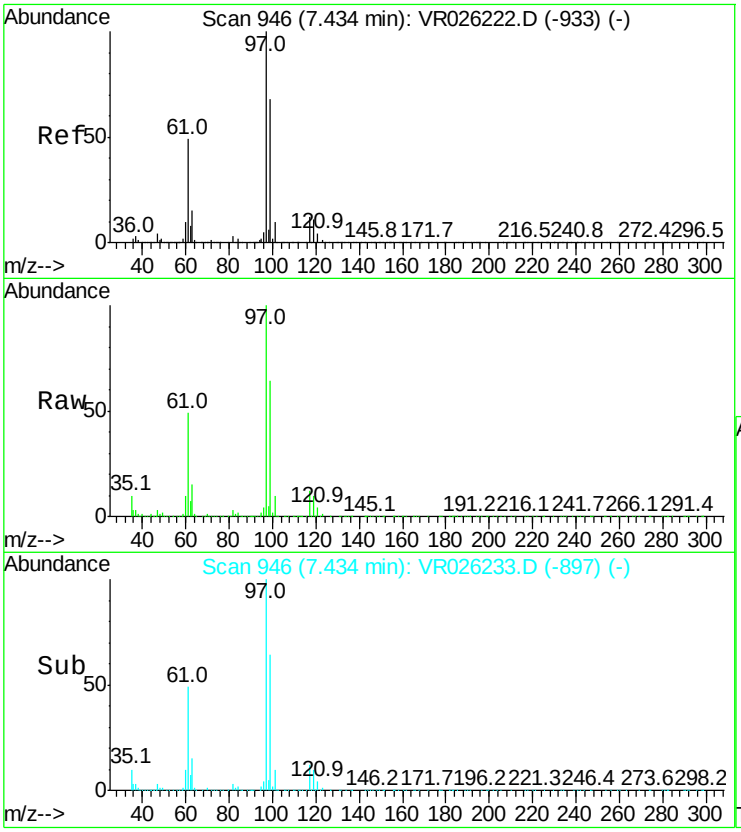


#27
1,2-Dichloroethane
Concen: 4.596 ug/L
RT: 7.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 62 Resp: 192727

Ion	Ratio	Lower	Upper
62	100		
98	7.6	5.0	7.6#



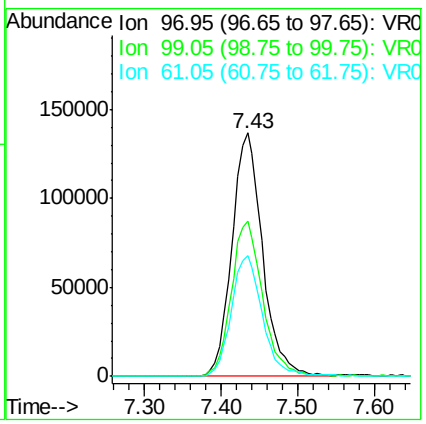


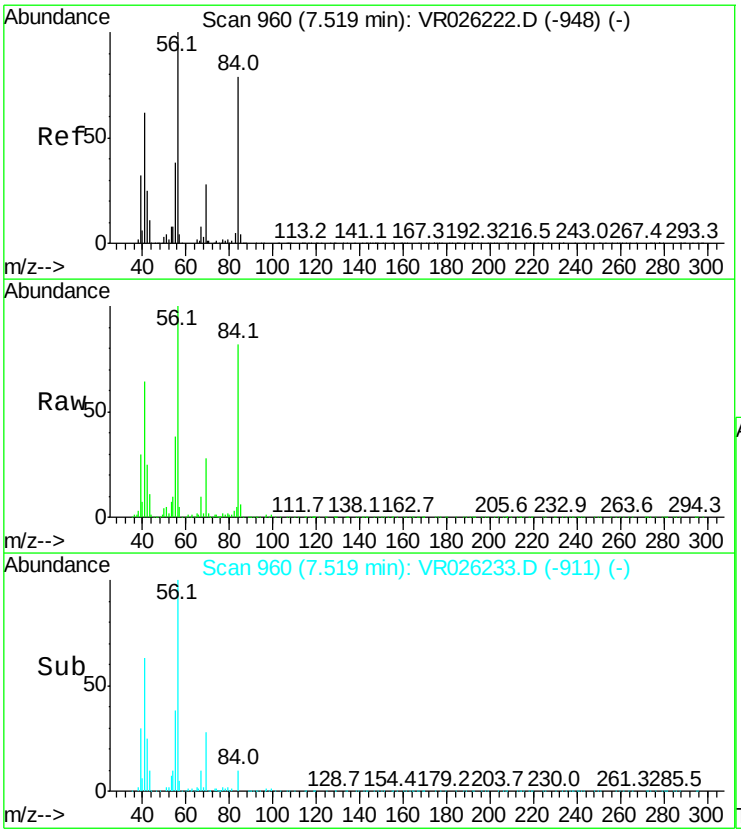
#29
1,1,1-Trichloroethane
Concen: 5.009 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 97 Resp: 379819

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.2	78.2
61	49.9	41.6	62.4

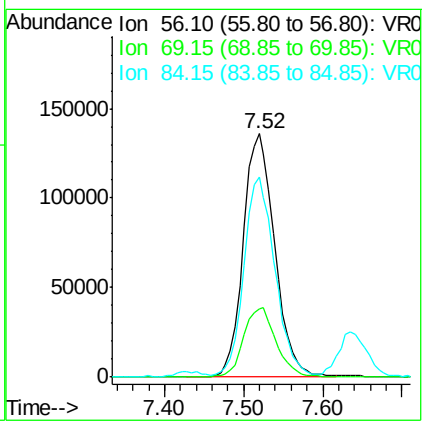


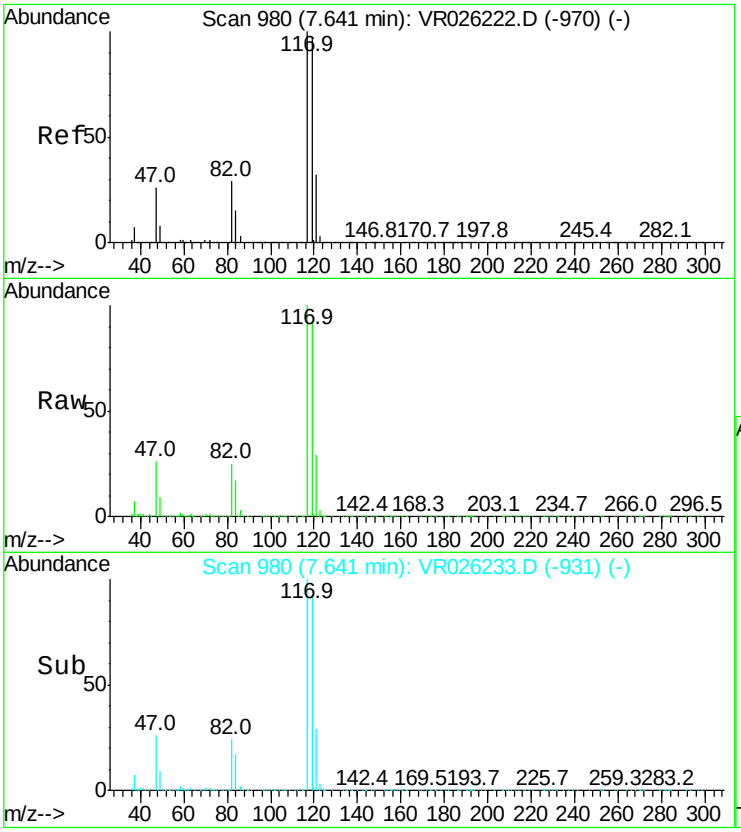


#30
Cyclohexane
Concen: 5.655 ug/L
RT: 7.52 min Scan# 960
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 56 Resp: 375581

Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.0	34.6
84	81.1	60.8	91.2



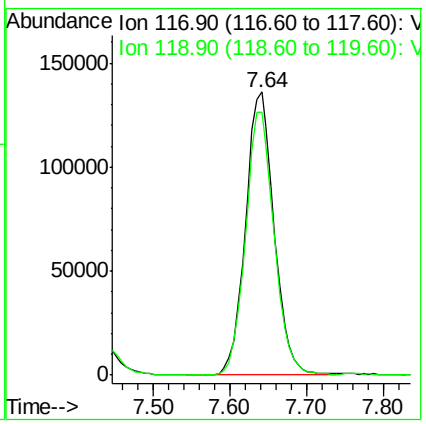


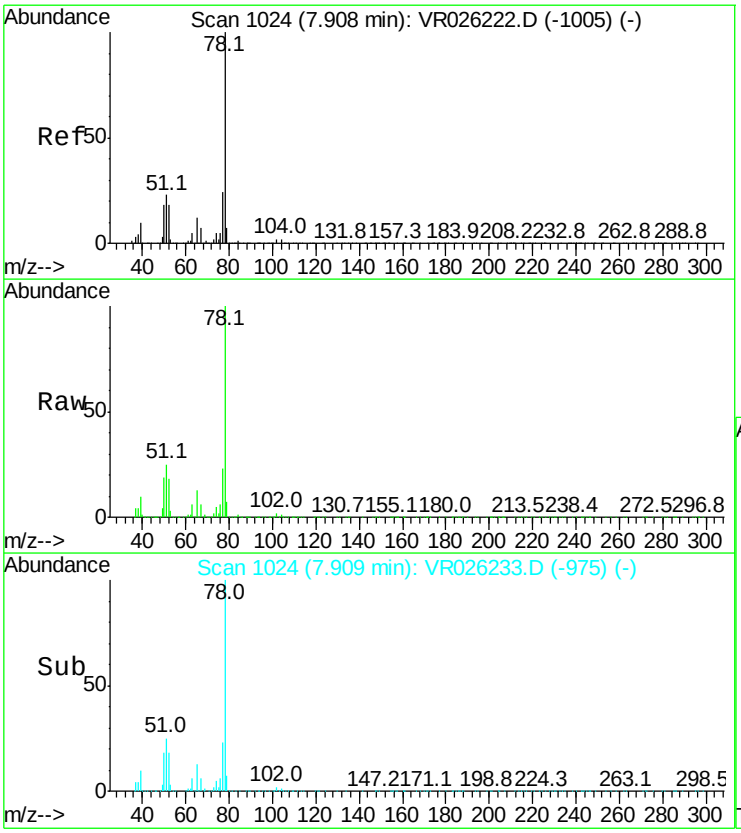
#31
Carbon tetrachloride
Concen: 5.241 ug/L
RT: 7.64 min Scan# 980
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:117 Resp: 352752

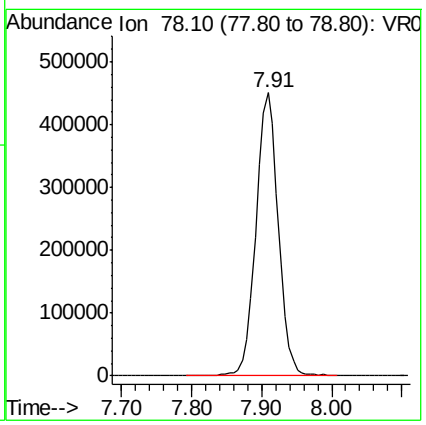
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.7	115.1

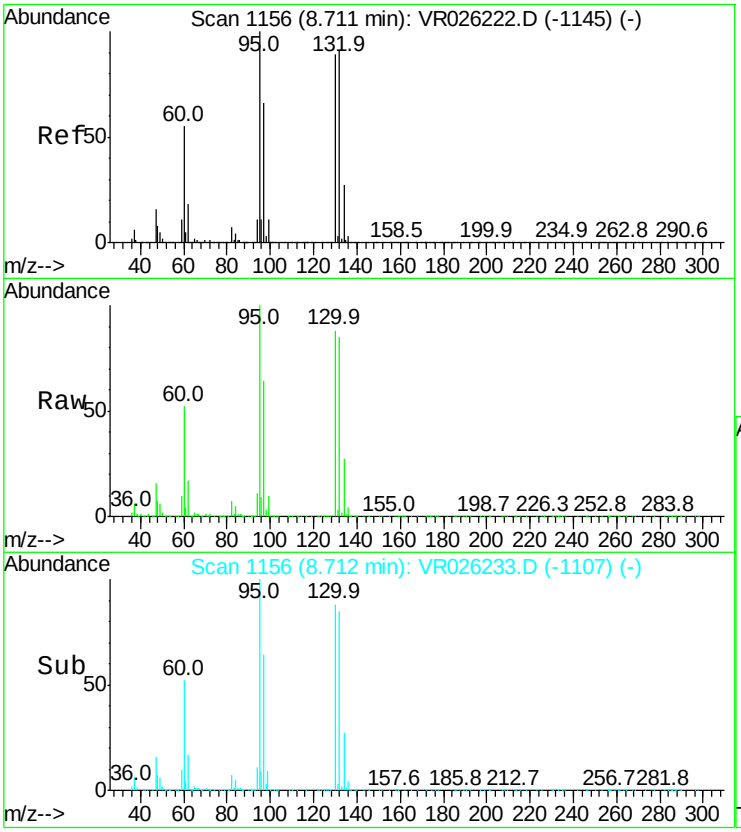




#33
Benzene
Concen: 4.866 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 78 Resp: 994665



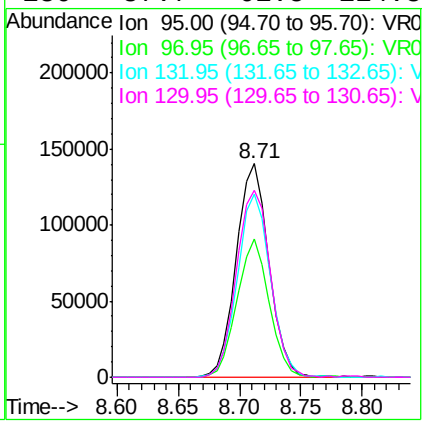


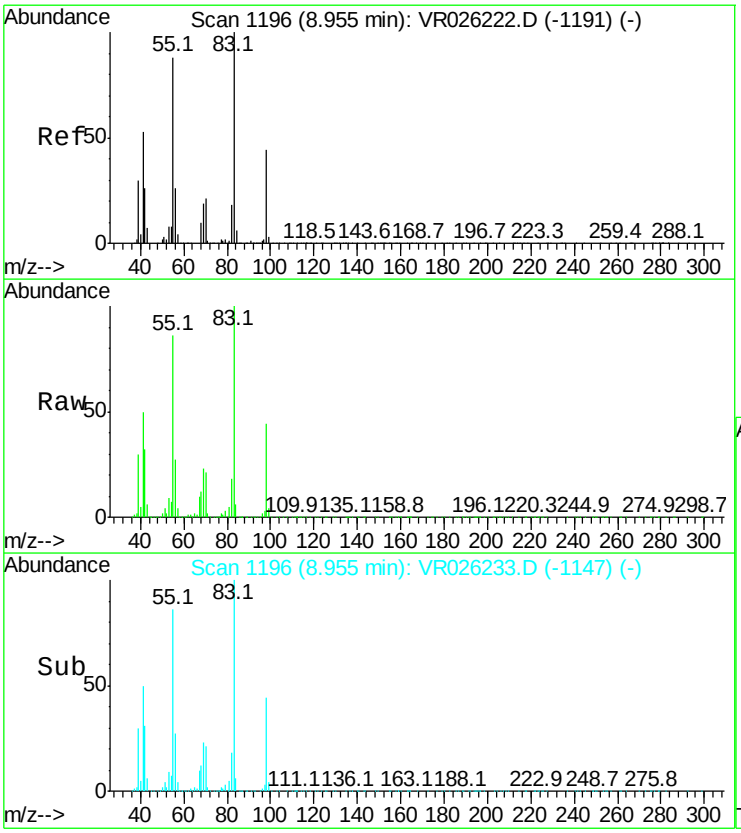
#34
Trichloroethene
Concen: 4.995 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 95 Resp: 260130

Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.5	80.7
132	85.4	58.0	107.6
130	87.7	61.5	114.3

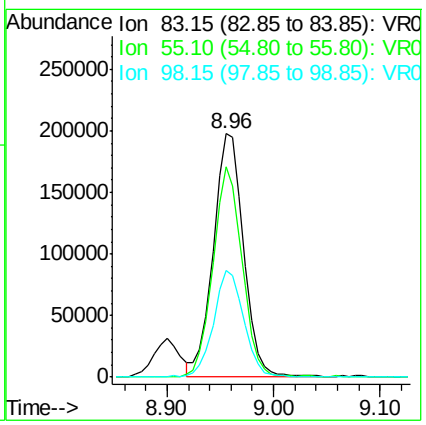


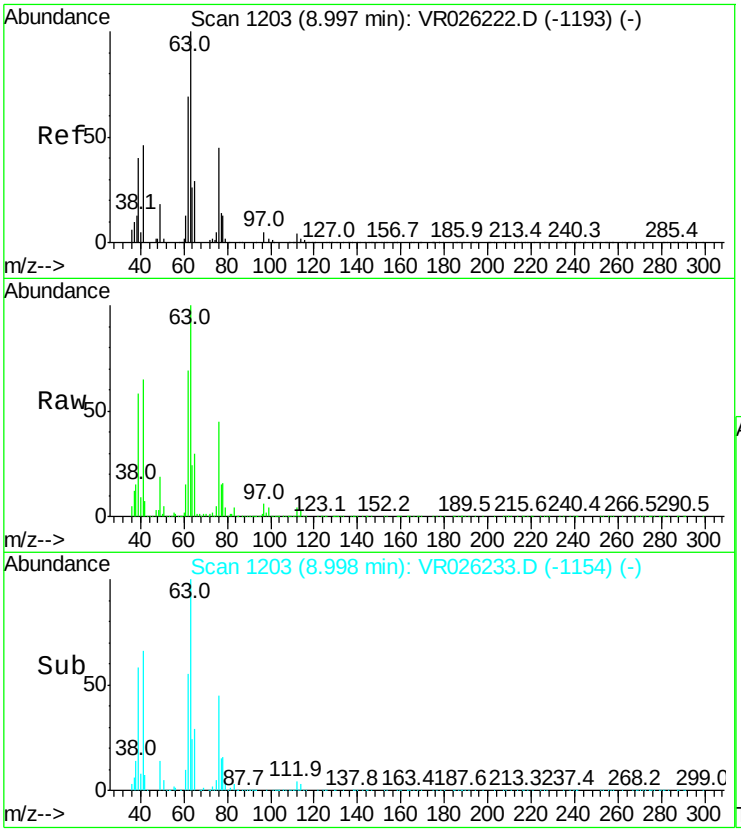


#35
Methylcyclohexane
Concen: 5.697 ug/L
RT: 8.96 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 83 Resp: 385835

Ion	Ratio	Lower	Upper
83	100		
55	83.3	67.9	101.9
98	44.4	35.8	53.6



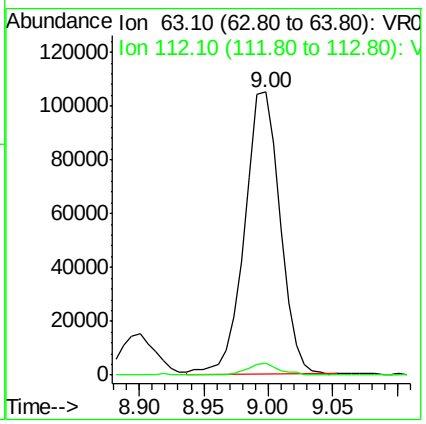


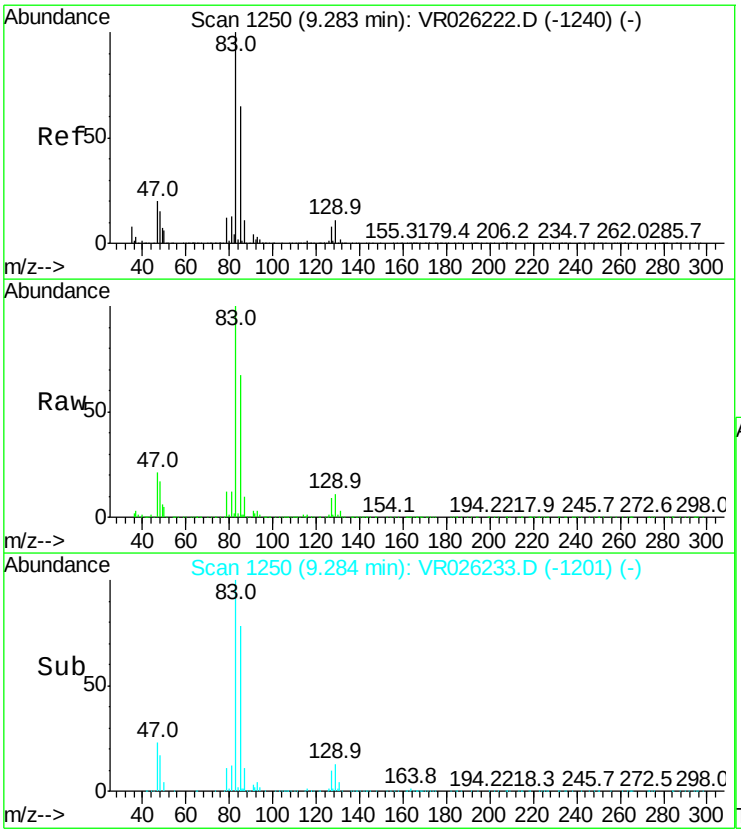
#37
1,2-Dichloropropane
Concen: 4.644 ug/L
RT: 9.00 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 63 Resp: 199116

Ion	Ratio	Lower	Upper
63	100		
112	4.2	2.8	4.2#

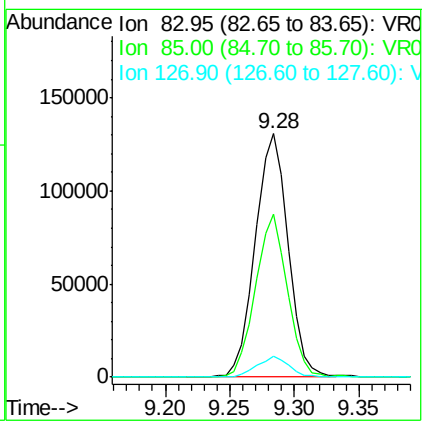


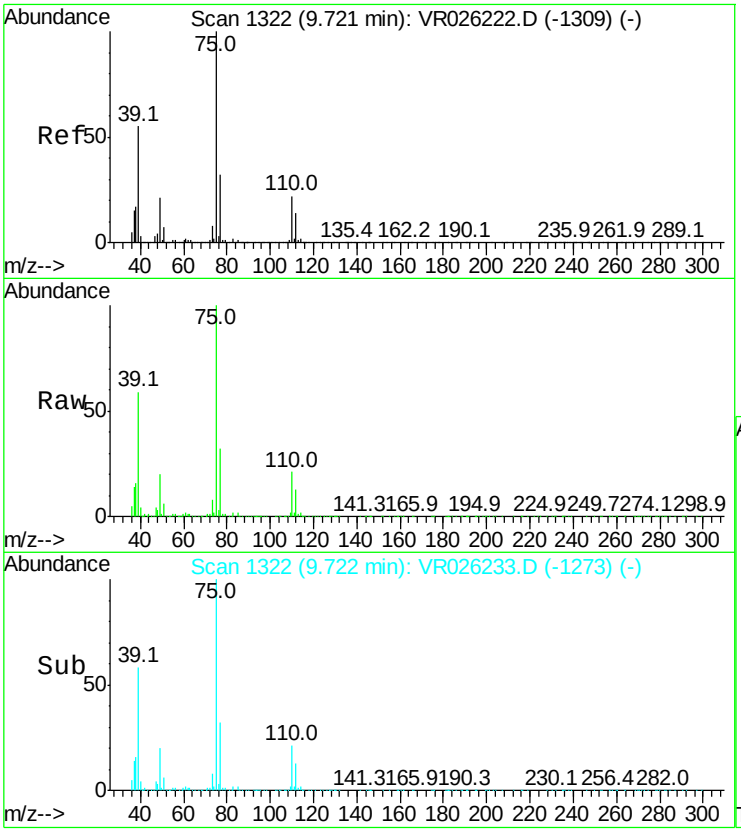


#38
Bromodichloromethane
Concen: 4.796 ug/L
RT: 9.28 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 83 Resp: 229428

Ion	Ratio	Lower	Upper
83	100		
85	66.8	44.4	82.4
127	8.8	6.9	10.3



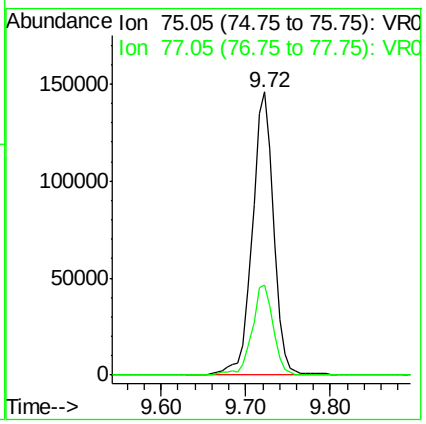


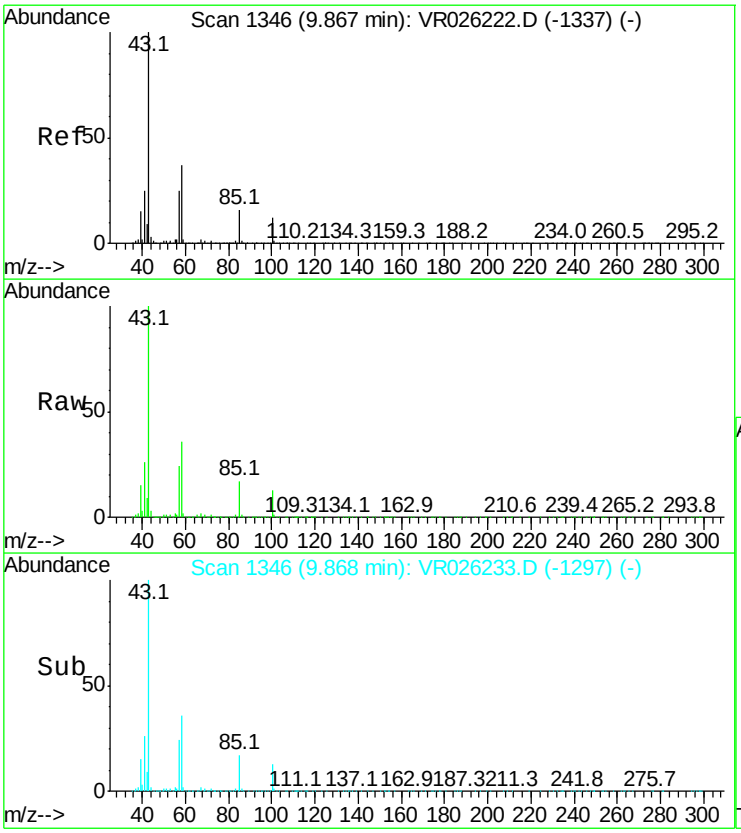
#39
cis-1,3-Dichloropropene
Concen: 5.162 ug/L
RT: 9.72 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 75 Resp: 250171

Ion	Ratio	Lower	Upper
75	100		
77	31.6	20.7	38.5

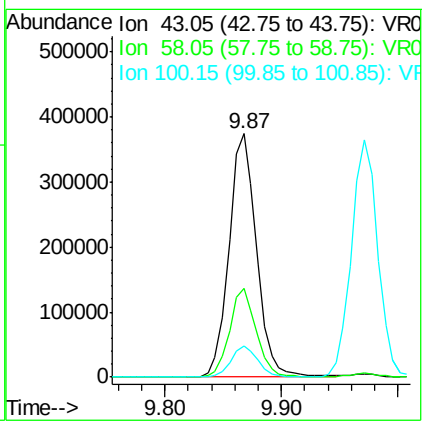


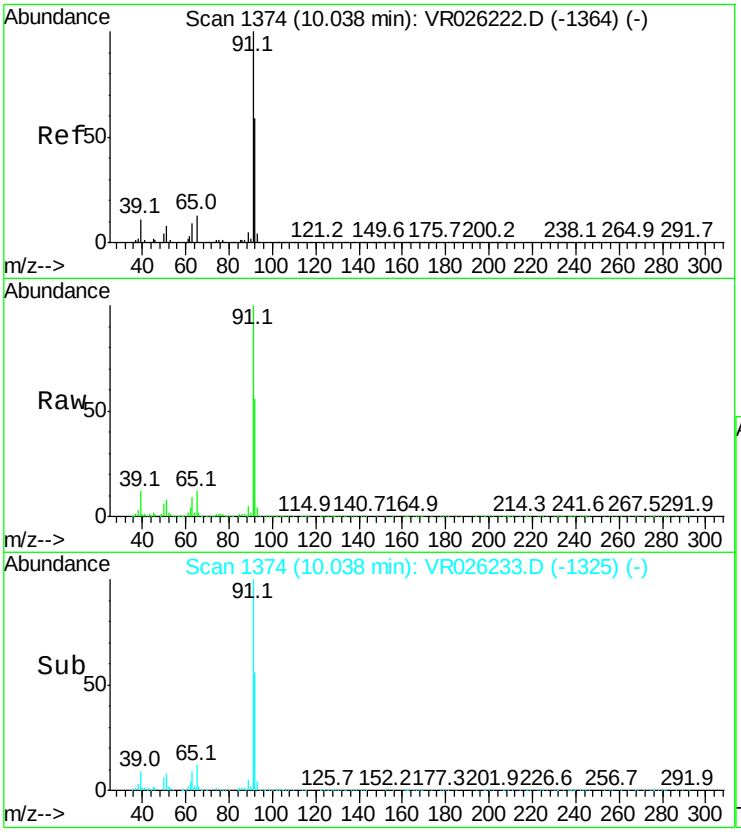


#40
4-Methyl-2-pentanone
Concen: 50.773 ug/L
RT: 9.87 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 43 Resp: 615140

Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.8	41.6
100	12.5	9.4	14.2



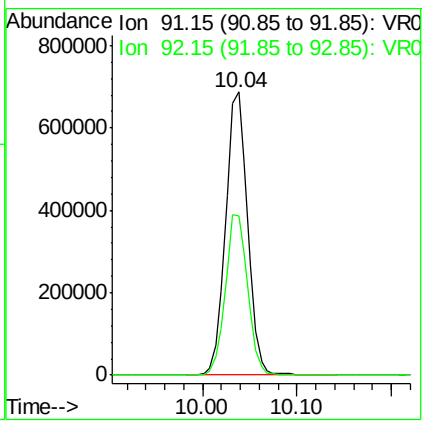


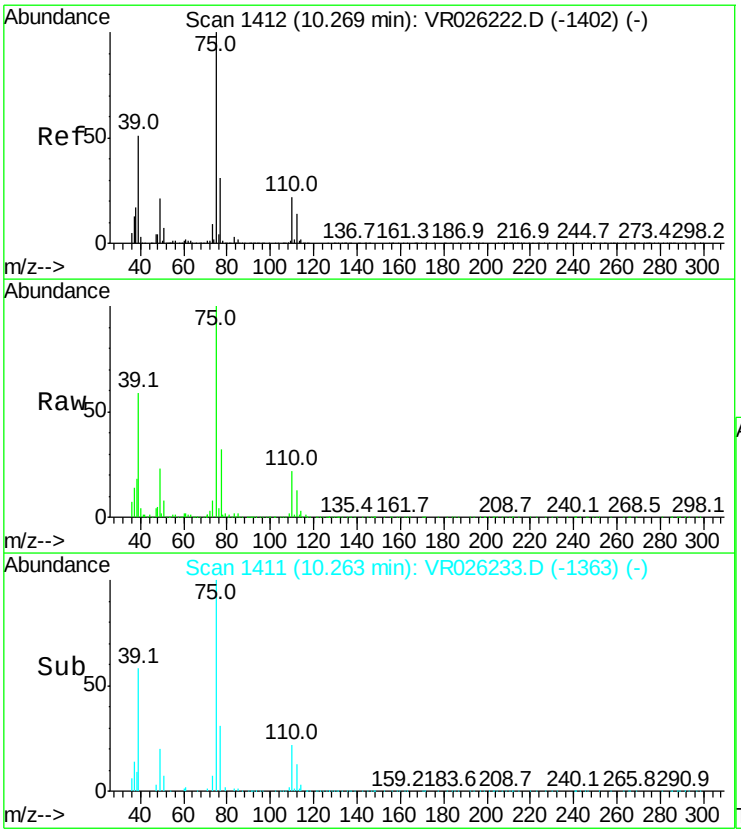
#42
Toluene
Concen: 5.213 ug/L
RT: 10.04 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 91 Resp: 1110250

Ion	Ratio	Lower	Upper
91	100		
92	56.4	41.4	76.8

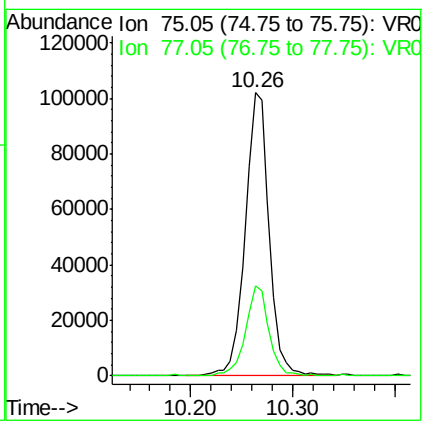


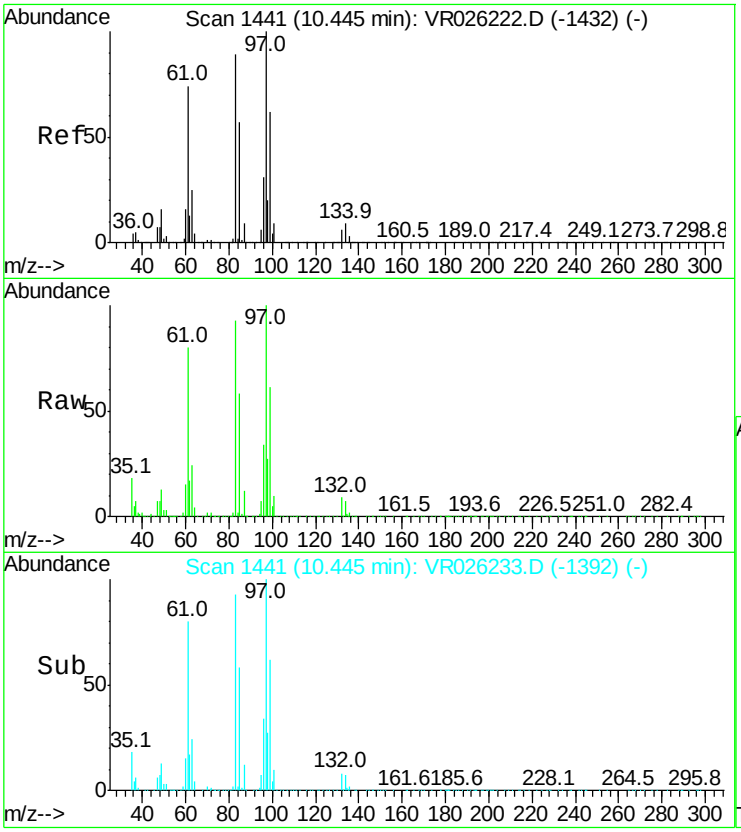


#44
trans-1,3-Dichloropropene
Concen: 5.152 ug/L
RT: 10.26 min Scan# 1411
Delta R.T. -0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 75 Resp: 166585

Ion	Ratio	Lower	Upper
75	100		
77	31.8	23.7	44.1



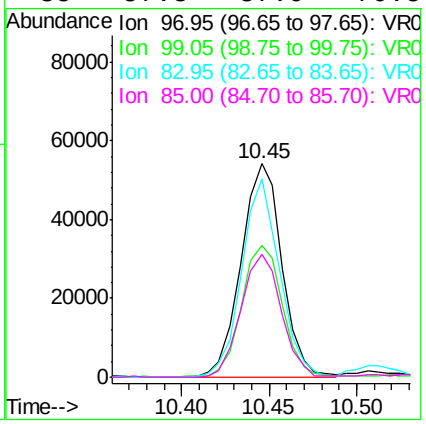


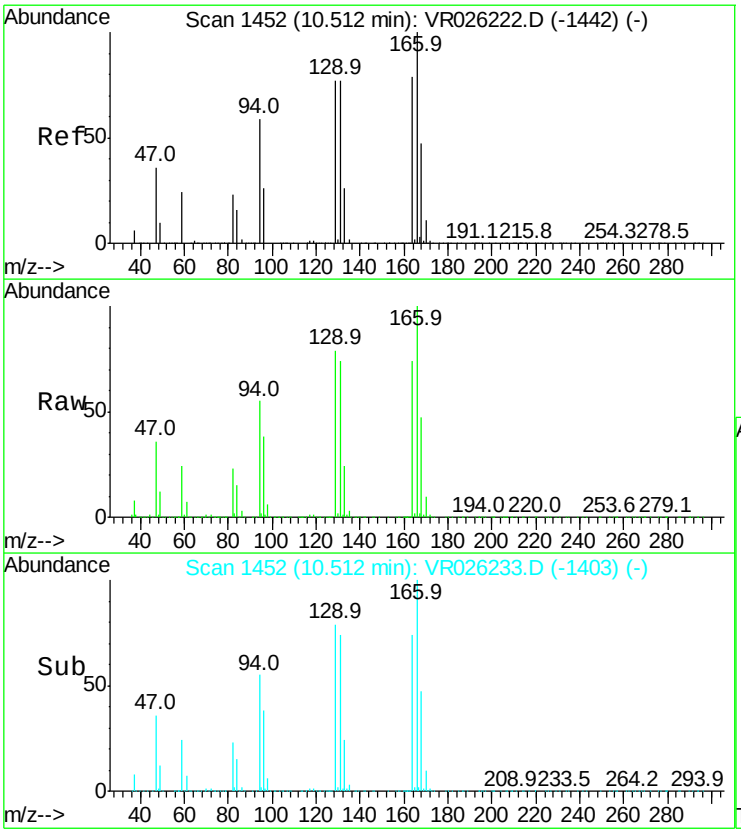
#45
1,1,2-Trichloroethane
Concen: 4.763 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Tgt Ion: 97 Resp: 88160

Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.0	80.0
83	92.9	61.0	113.2
85	57.8	37.9	70.5

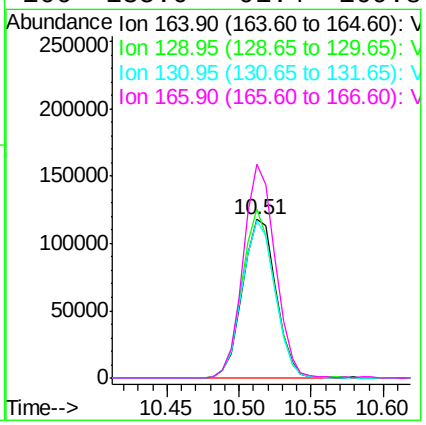


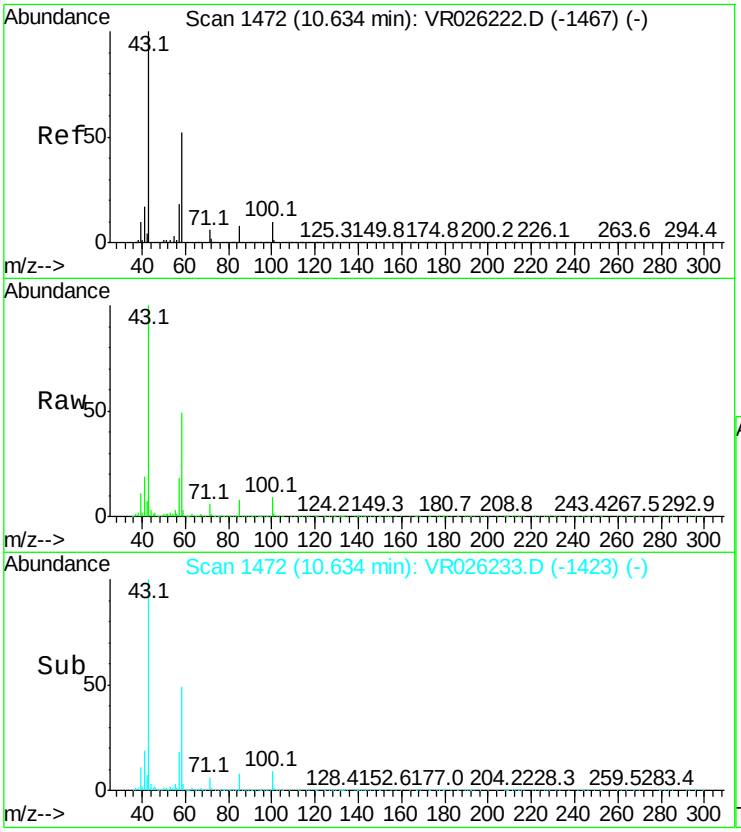


#47
Tetrachloroethene
Concen: 5.321 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:164 Resp: 189297

Ion	Ratio	Lower	Upper
164	100		
129	106.6	72.3	134.3
131	99.7	73.4	136.2
166	135.0	91.4	169.8



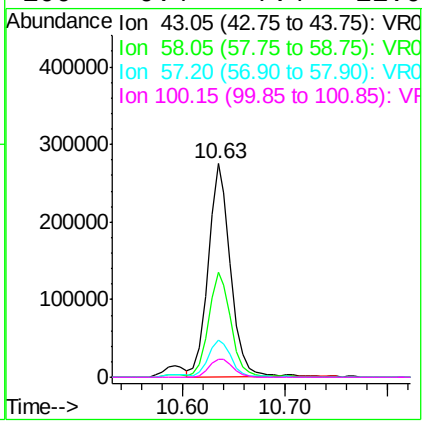


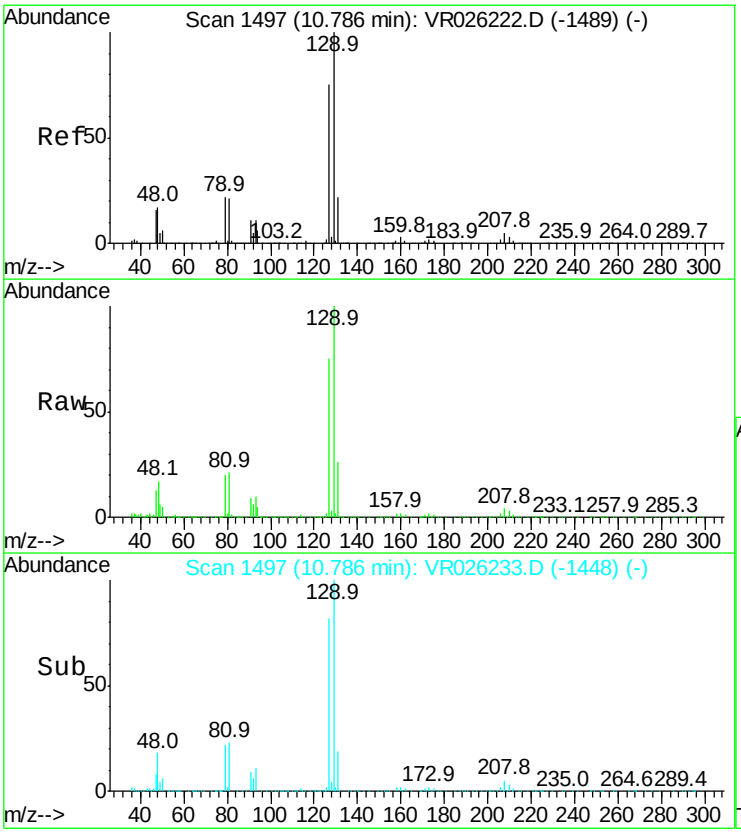
#48
2-Hexanone
Concen: 51.273 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Tgt Ion: 43 Resp: 418917

Ion	Ratio	Lower	Upper
43	100		
58	51.6	40.0	60.0
57	18.1	14.6	21.8
100	9.4	7.4	11.0

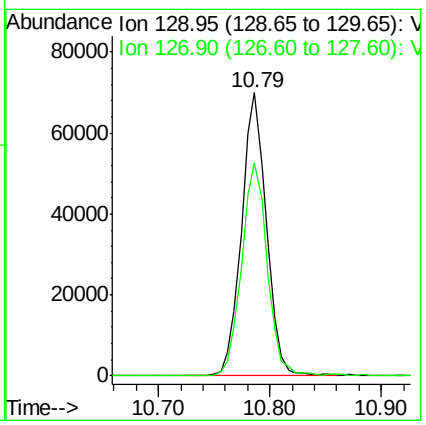


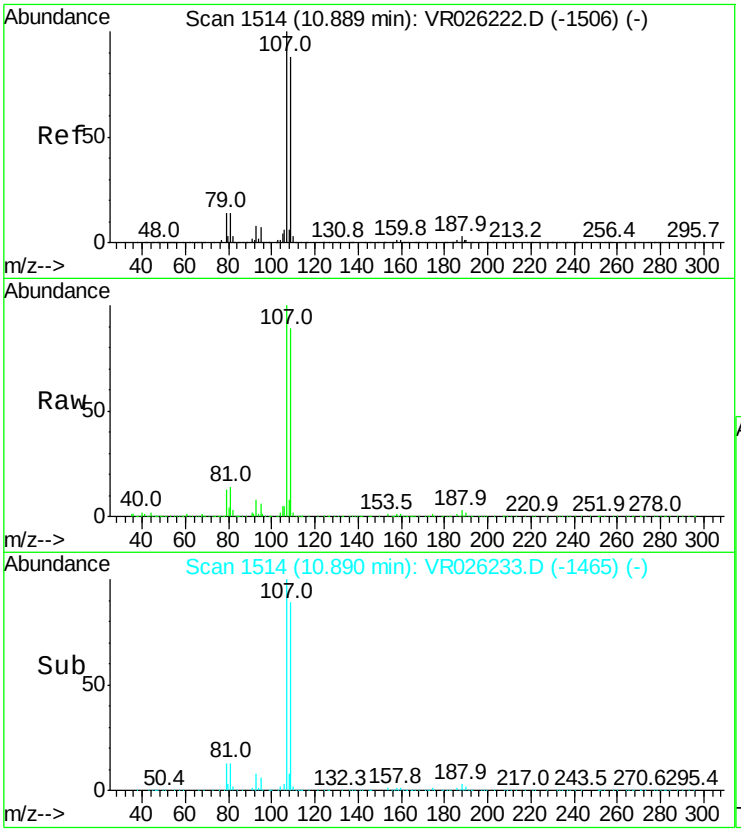


#49
Dibromochloromethane
Concen: 4.910 ug/L
RT: 10.79 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:129 Resp: 107633

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.7	101.7



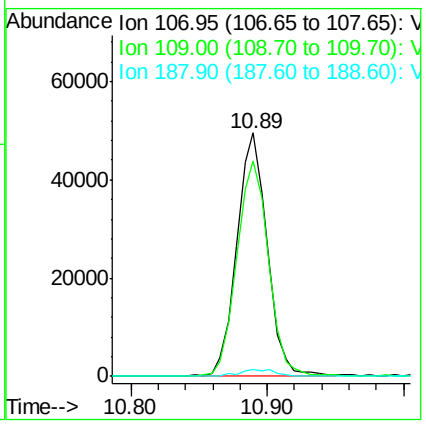


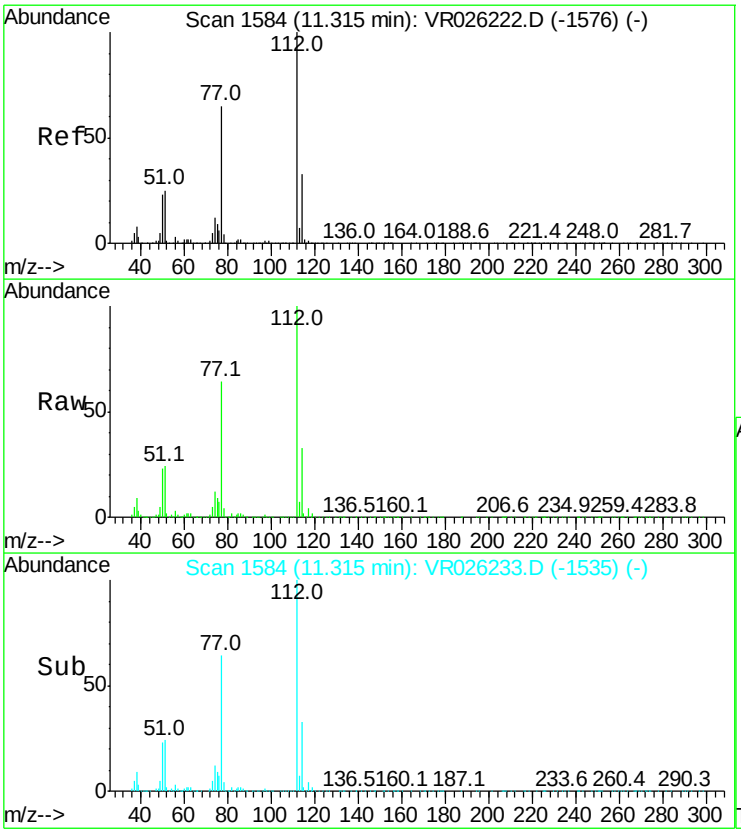
#50
1,2-Dibromoethane
Concen: 4.902 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:107 Resp: 76921

Ion	Ratio	Lower	Upper
107	100		
109	88.7	68.7	127.5
188	2.7	2.1	3.1

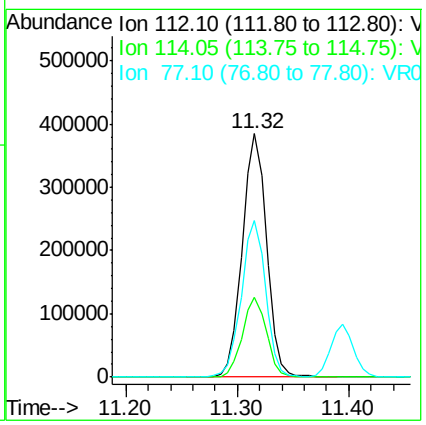


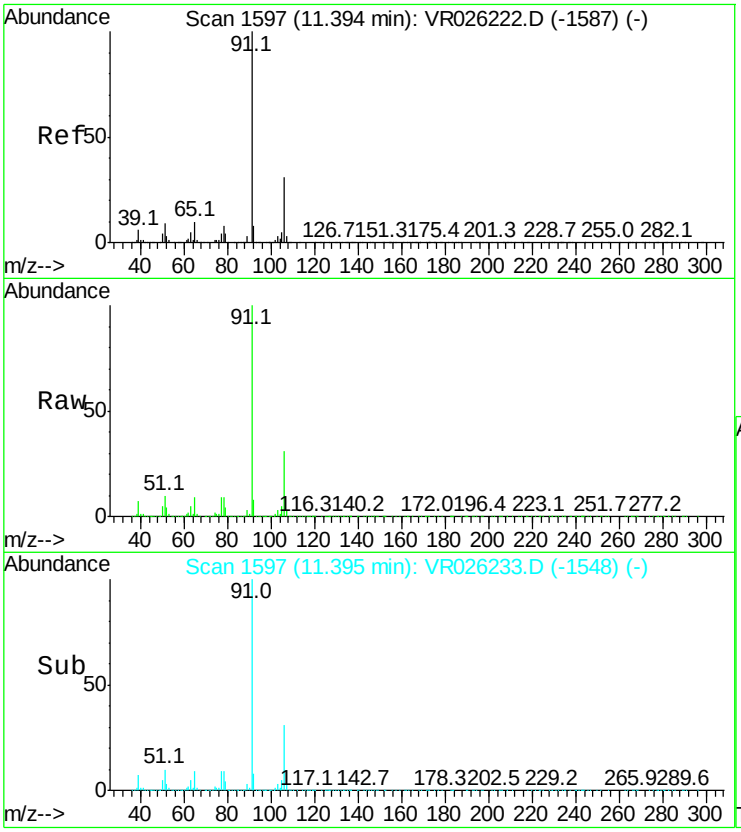


#51
Chlorobenzene
Concen: 4.924 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:112 Resp: 582525

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.3
77	64.4	51.8	77.8



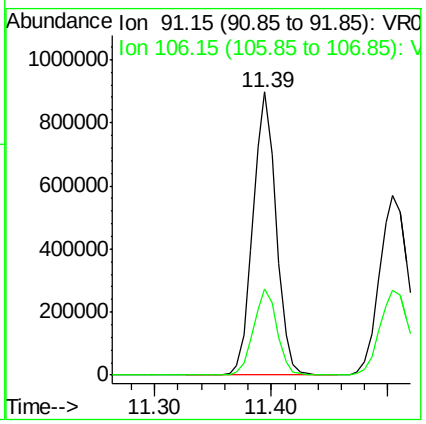


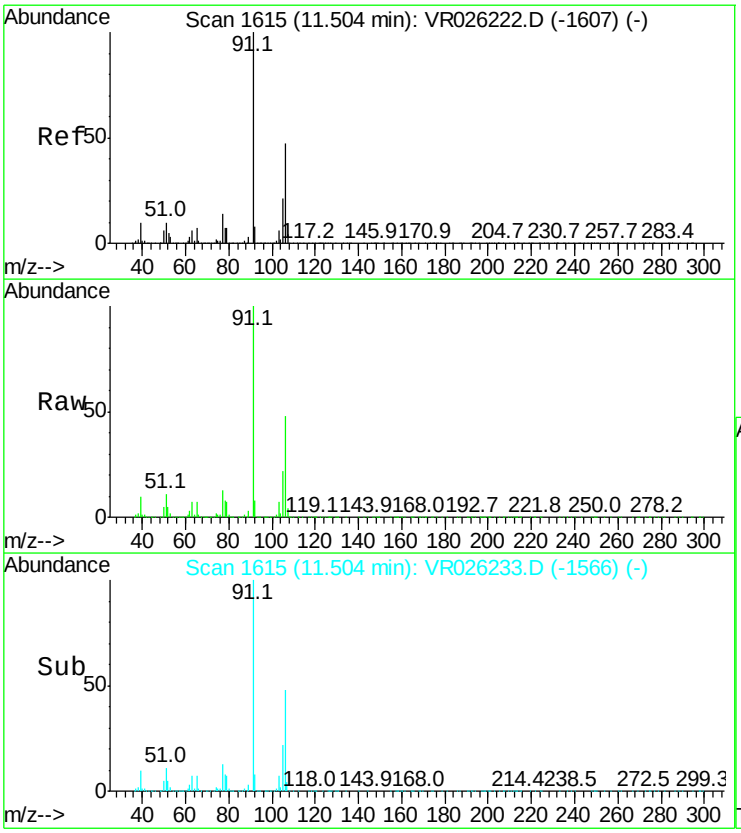
#52
Ethylbenzene
Concen: 5.166 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Tgt Ion: 91 Resp: 1247822

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.5	39.9

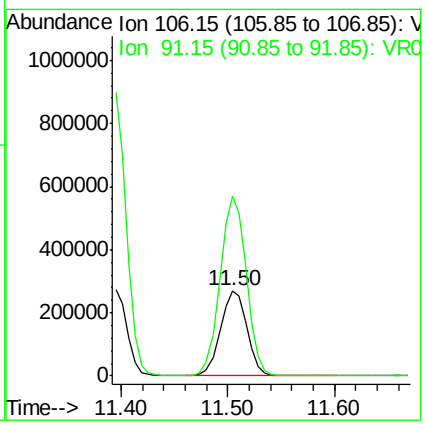


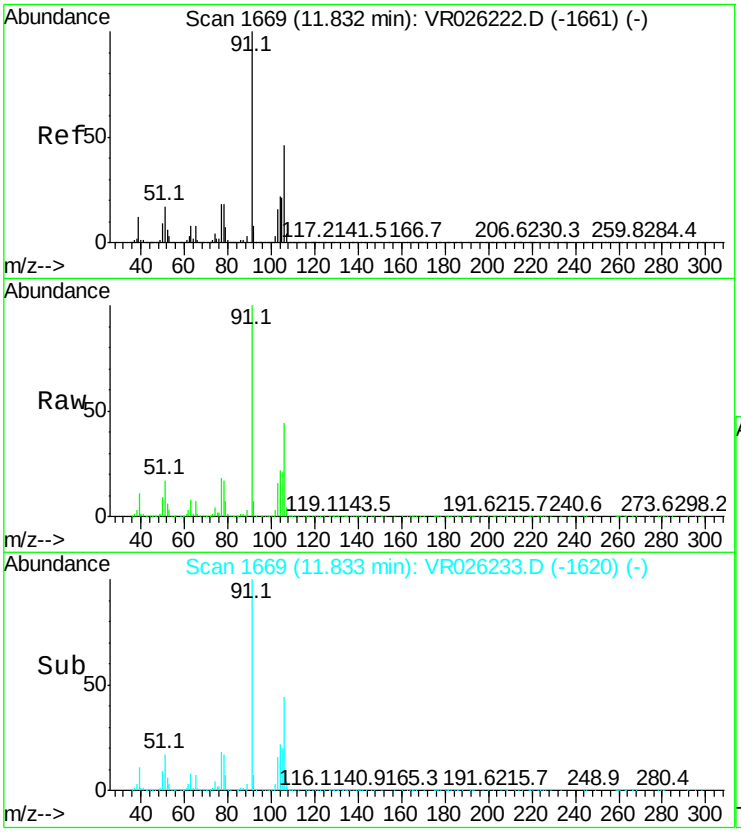


#53
m,p-Xylene
Concen: 5.284 ug/L
RT: 11.50 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:106 Resp: 463270

Ion	Ratio	Lower	Upper
106	100		
91	210.3	153.9	285.9



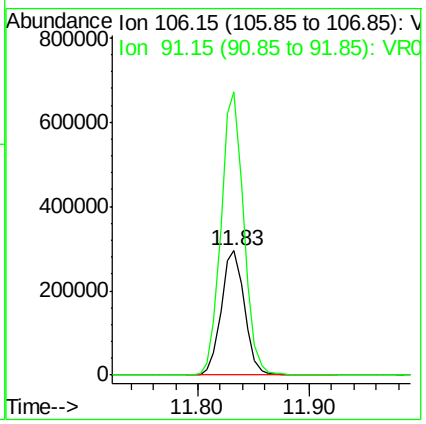


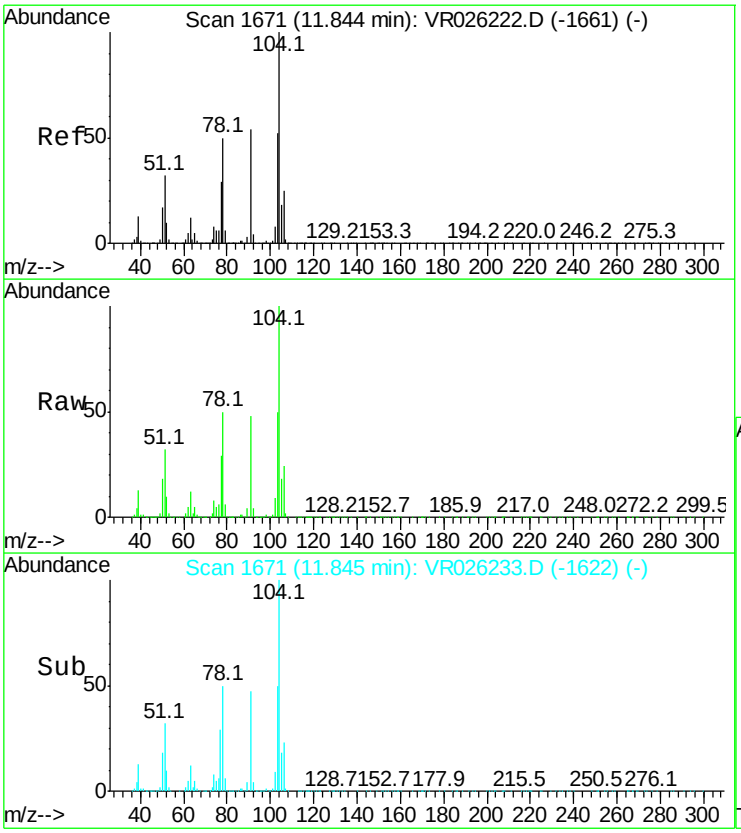
#54
o-Xylene
Concen: 5.316 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:106 Resp: 425388

Ion	Ratio	Lower	Upper
106	100		
91	227.2	159.5	296.1

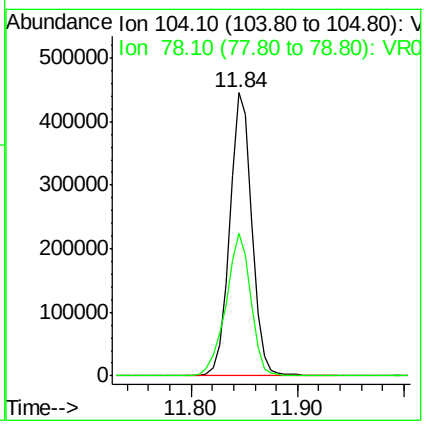


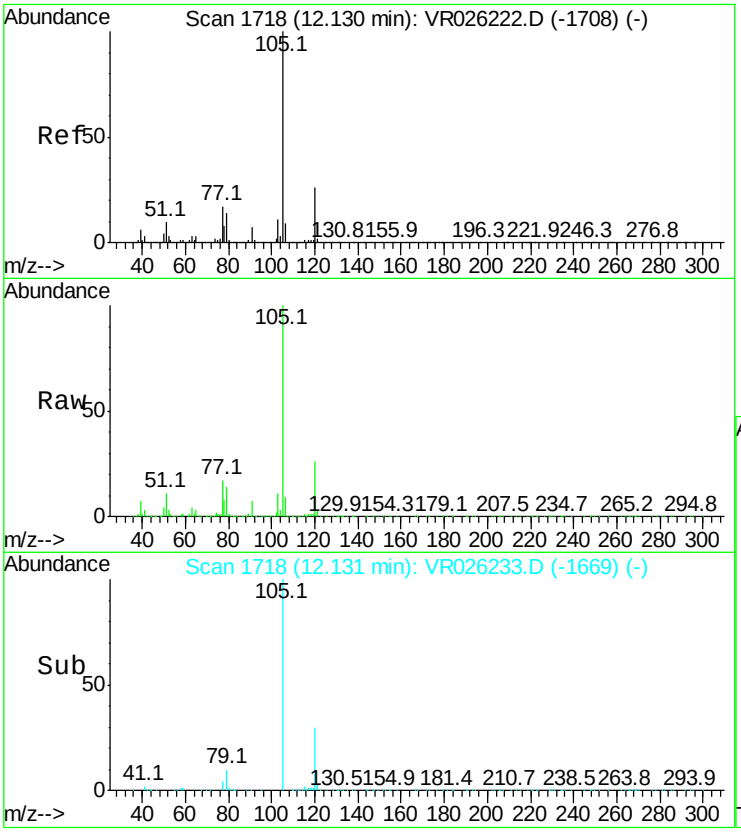


#55
Styrene
Concen: 5.217 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:104 Resp: 648951

Ion	Ratio	Lower	Upper
104	100		
78	50.5	36.8	68.3



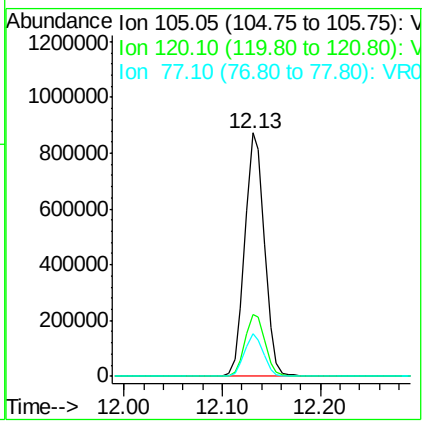


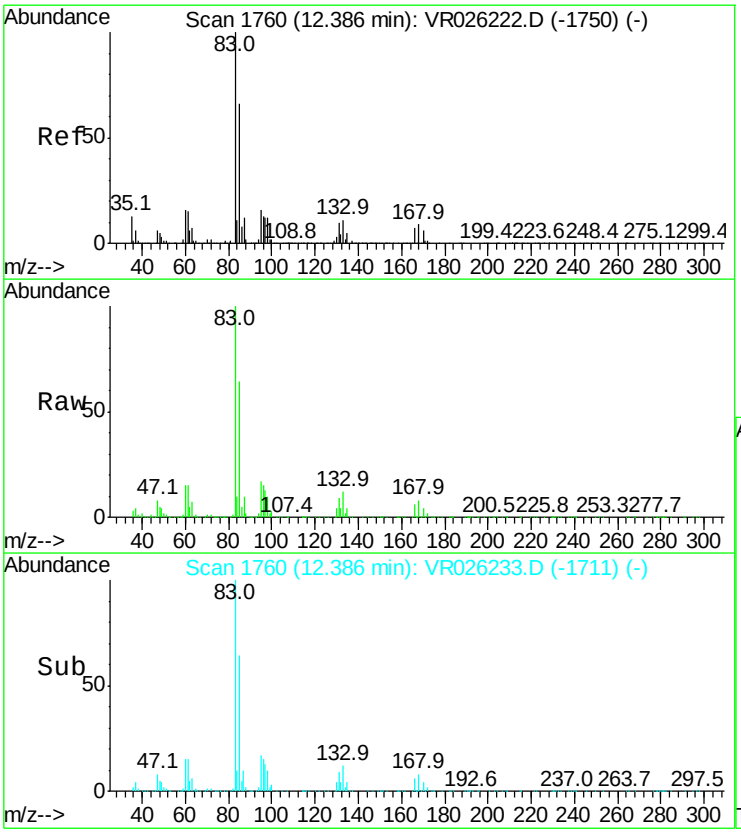
#56
Isopropylbenzene
Concen: 5.619 ug/L
RT: 12.13 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:105 Resp: 1214185

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.4	30.6
77	17.2	14.3	21.5

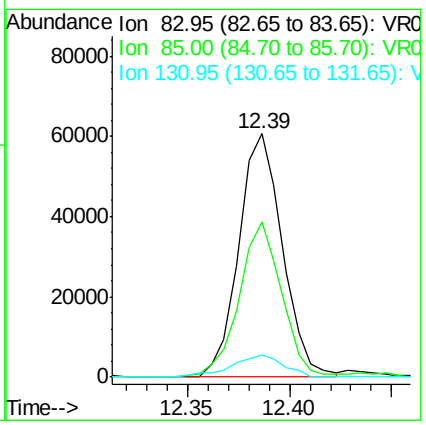


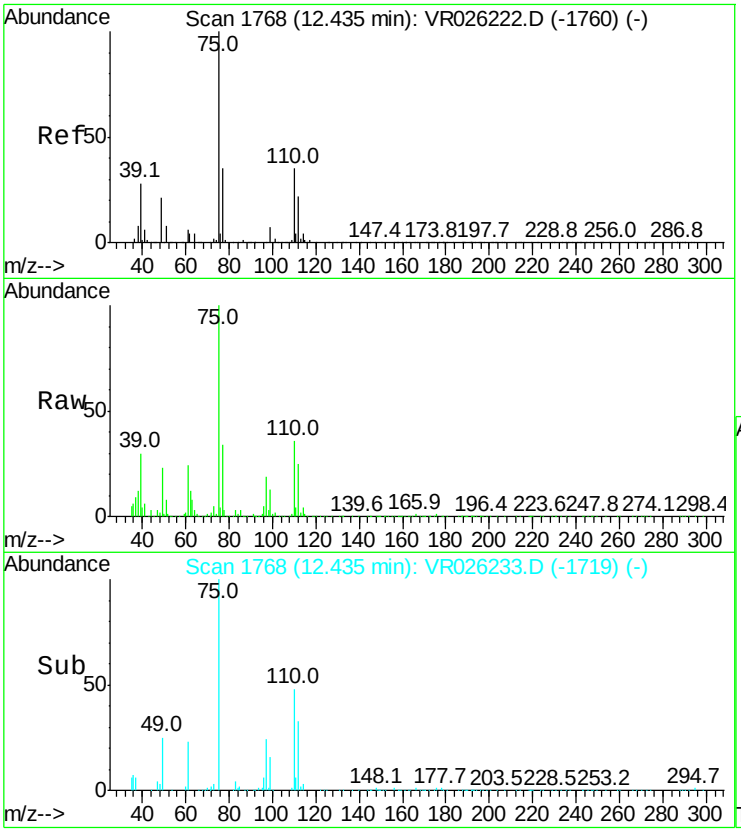


#58
1,1,2,2-Tetrachloroethane
Concen: 5.009 ug/L
RT: 12.39 min Scan# 1760
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 83 Resp: 89549

Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.1	91.1
131	8.9	8.3	12.5



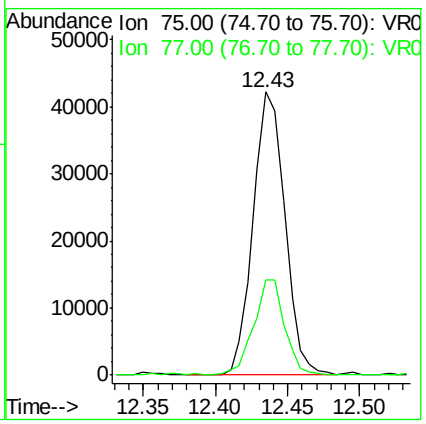


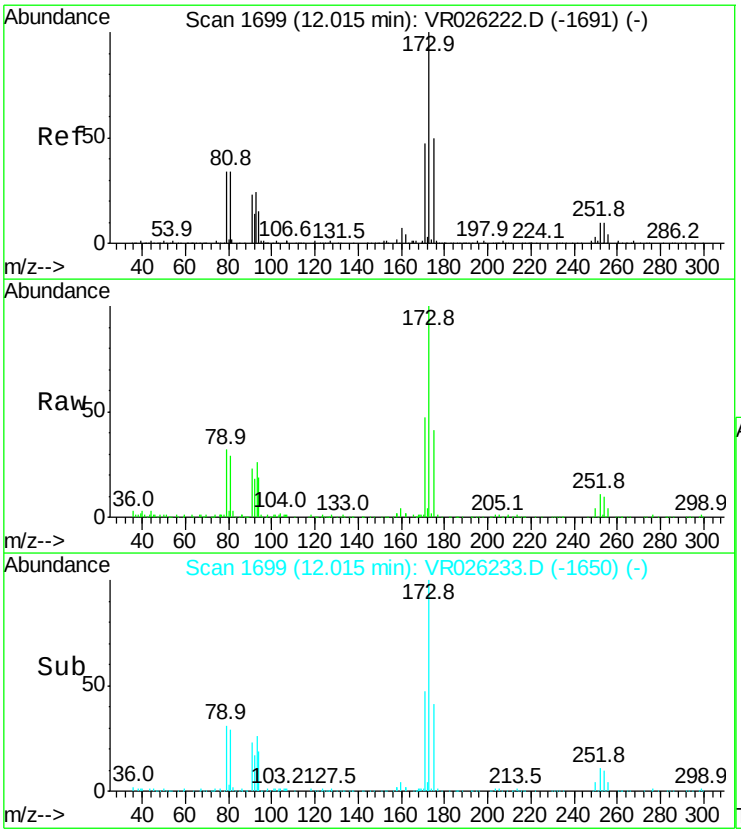
#59
1,2,3-Trichloropropane
Concen: 4.772 ug/L
RT: 12.43 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion: 75 Resp: 64240

Ion	Ratio	Lower	Upper
75	100		
77	32.6	27.4	41.0

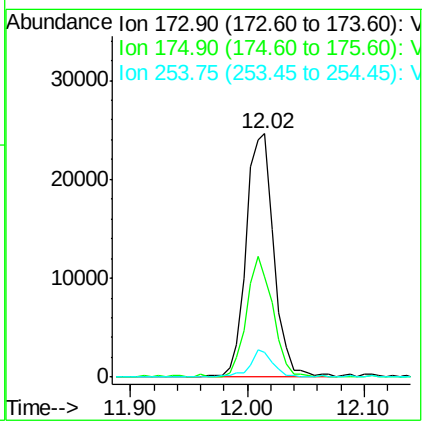


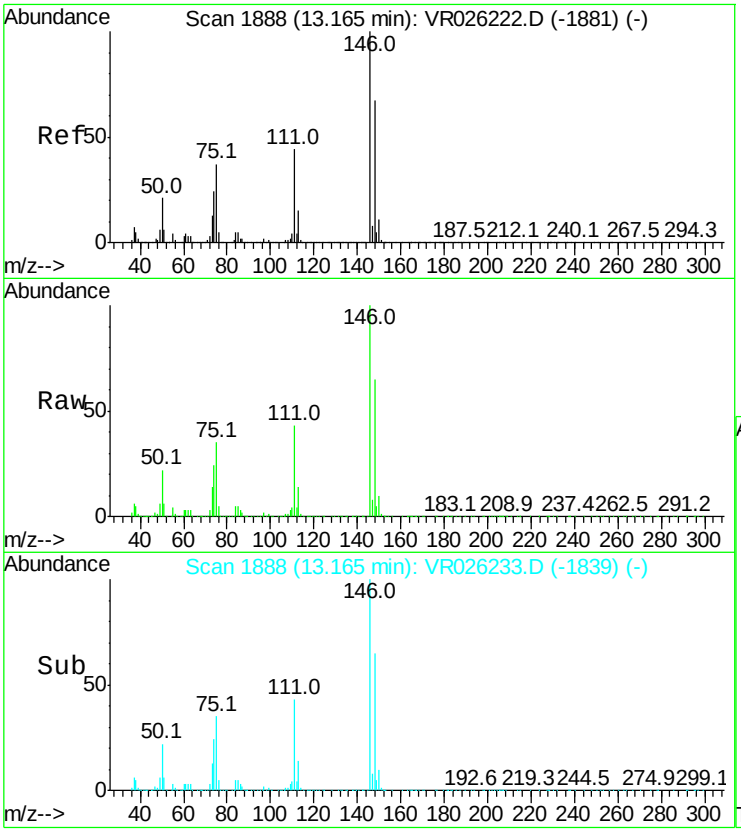


#61
Bromoform
Concen: 4.316 ug/L
RT: 12.02 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:173 Resp: 40810

Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.2	57.4
254	9.4	8.0	12.0



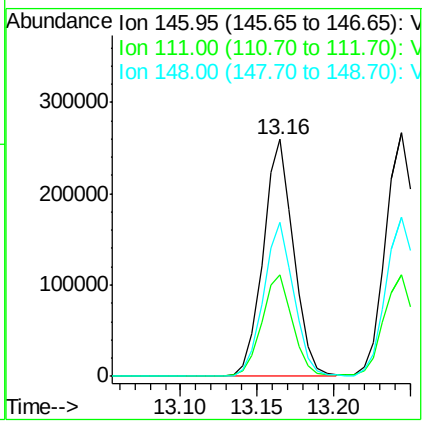


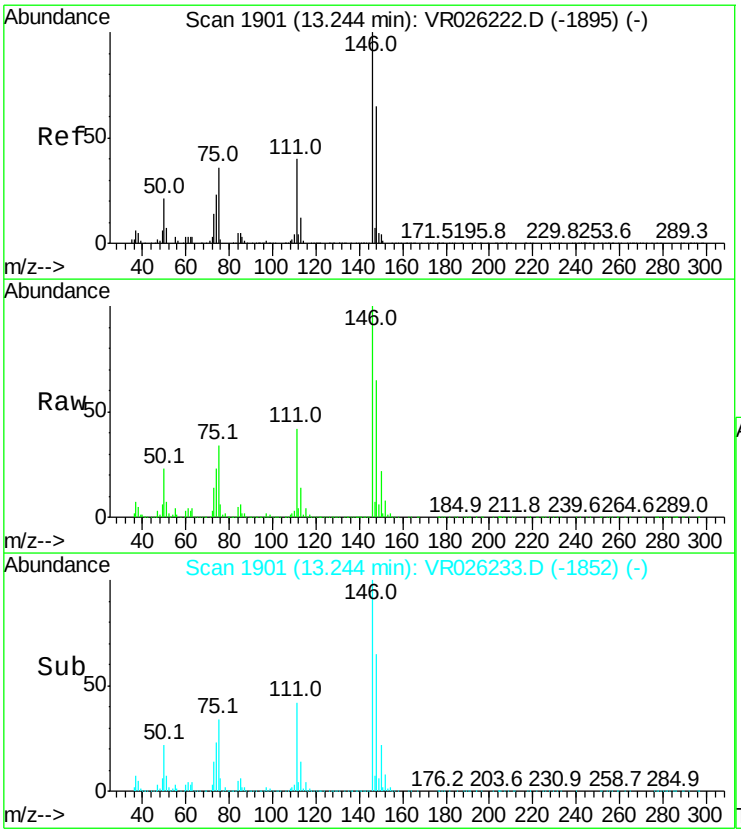
#62
1,3-Dichlorobenzene
Concen: 4.961 ug/L
RT: 13.16 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:146 Resp: 359110

Ion	Ratio	Lower	Upper
146	100		
111	42.7	30.5	56.7
148	65.2	43.5	80.7

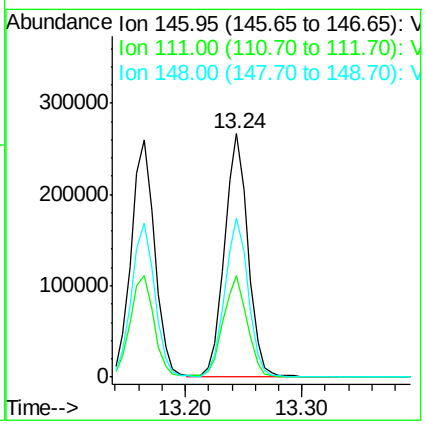


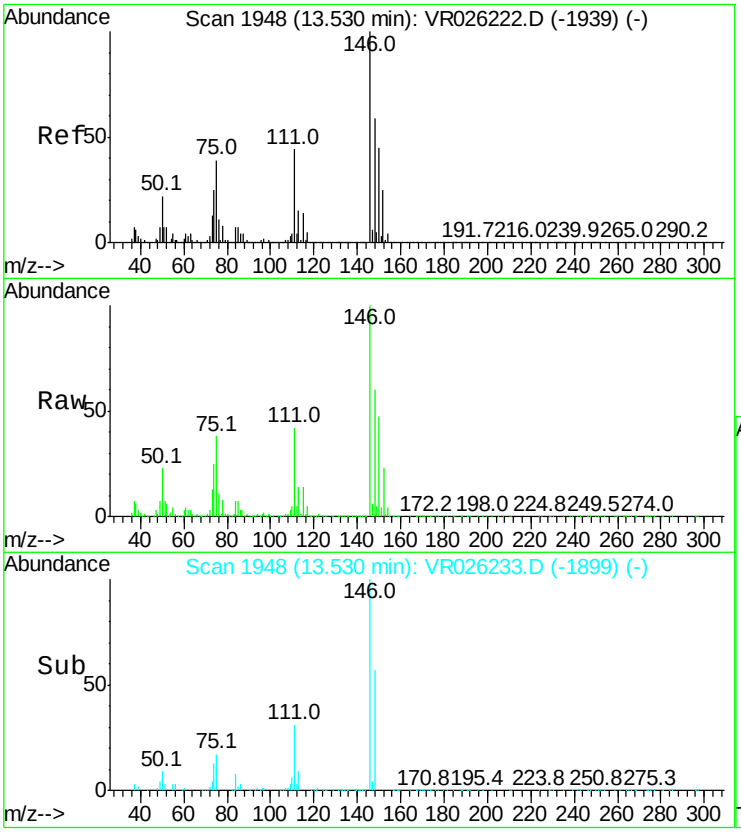


#63
1,4-Dichlorobenzene
Concen: 4.669 ug/L
RT: 13.24 min Scan# 1901
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:146 Resp: 371671

Ion	Ratio	Lower	Upper
146	100		
111	41.5	29.3	54.3
148	65.2	43.0	80.0



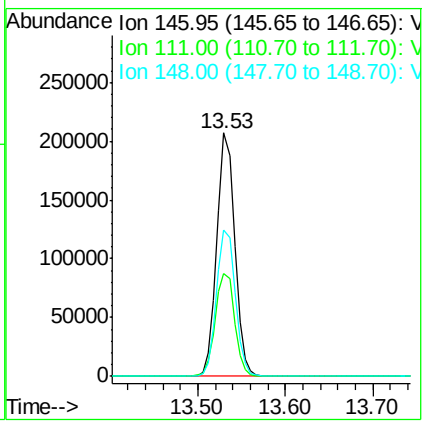


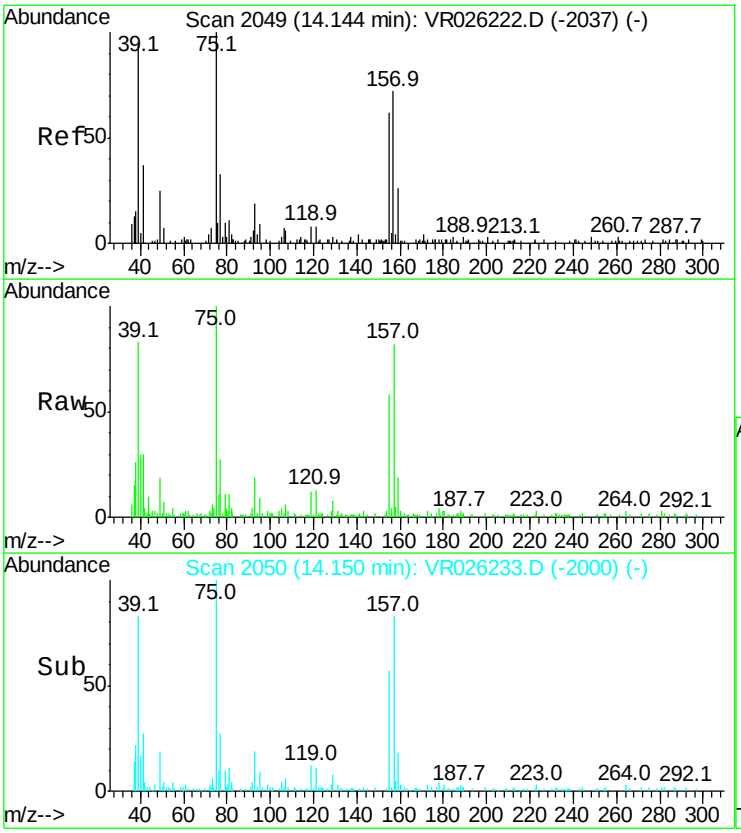
#65
1,2-Dichlorobenzene
Concen: 4.851 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:146 Resp: 294657

Ion	Ratio	Lower	Upper
146	100		
111	42.1	35.0	52.6
148	60.3	51.6	77.4

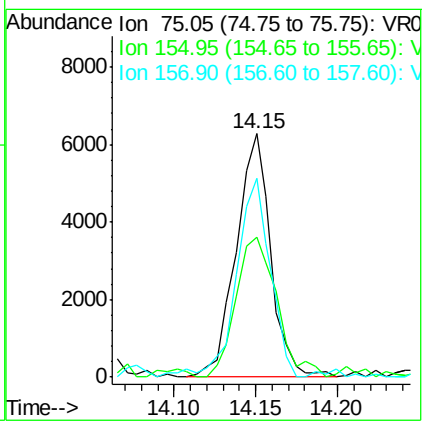


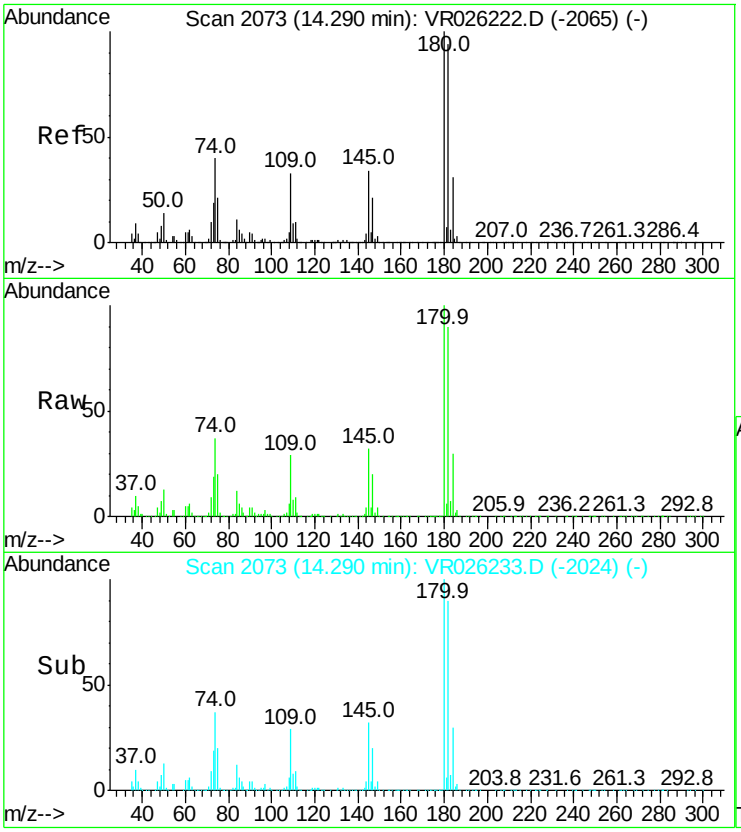


#66
1,2-Dibromo-3-chloropropane
Concen: 4.099 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion: 75 Resp: 9236

Ion	Ratio	Lower	Upper
75	100		
155	57.5	37.8	56.6#
157	81.9	34.6	51.8#



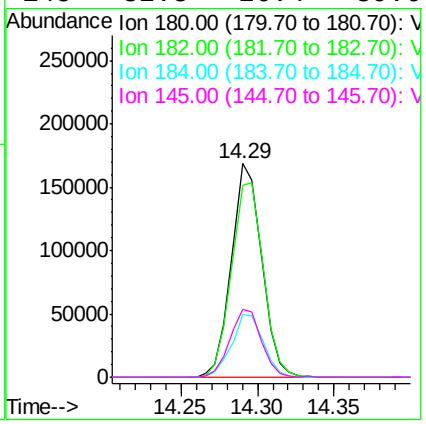


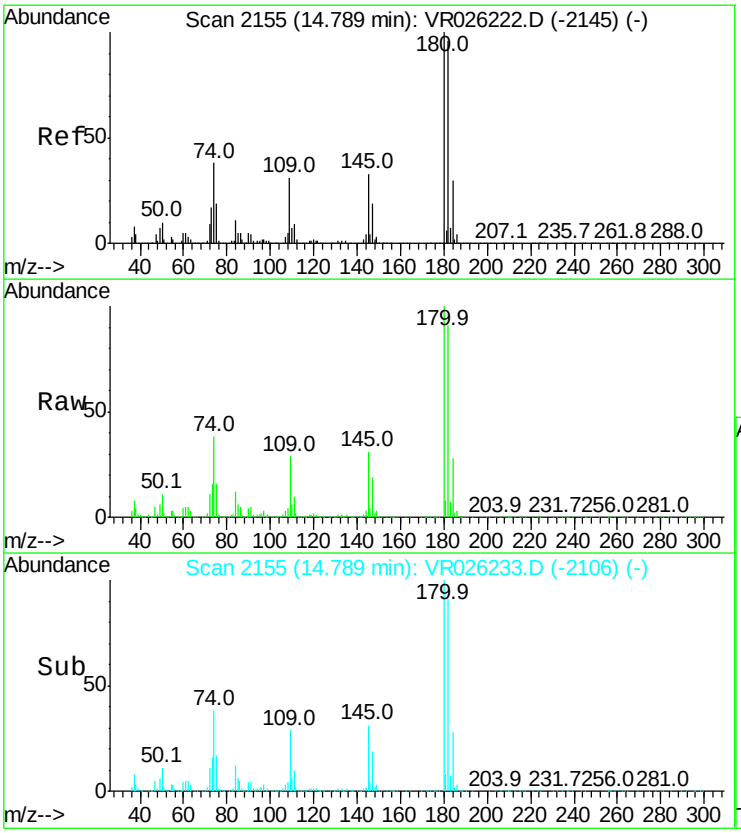
#67
1,3,5-Trichlorobenzene
Concen: 5.146 ug/L
RT: 14.29 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:180 Resp: 232030

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.0	115.6
184	30.9	23.2	34.8
145	32.8	26.4	39.6

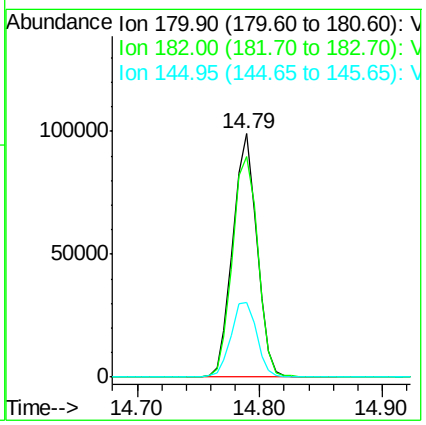


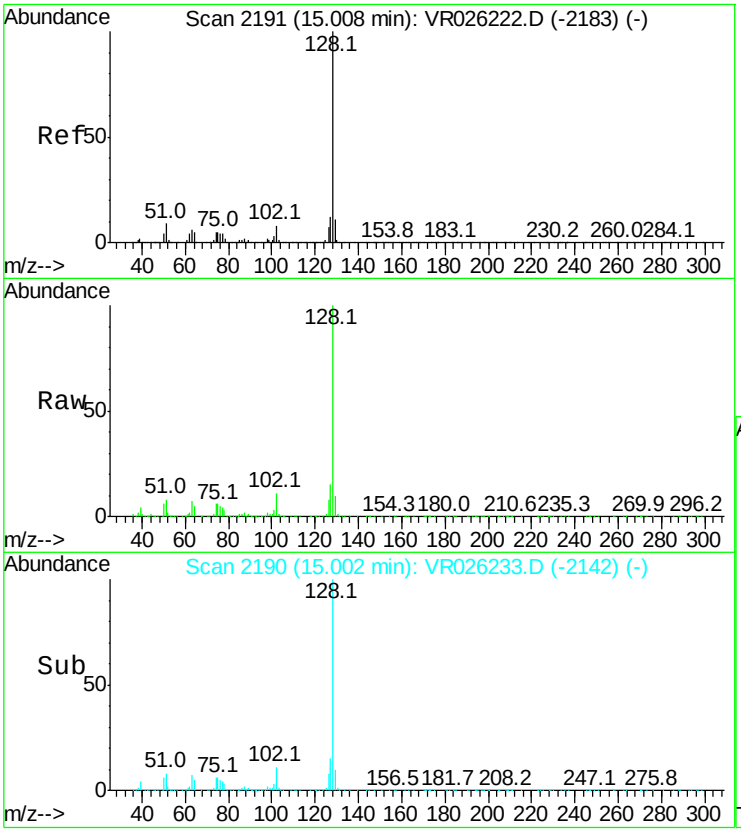


#68
1,2,4-trichlorobenzene
Concen: 5.353 ug/L
RT: 14.79 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:180 Resp: 134739

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.0	112.6
145	32.8	27.3	40.9



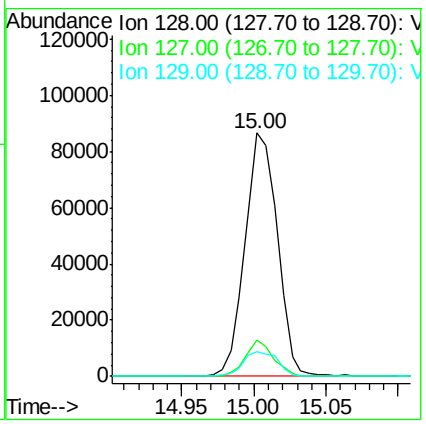


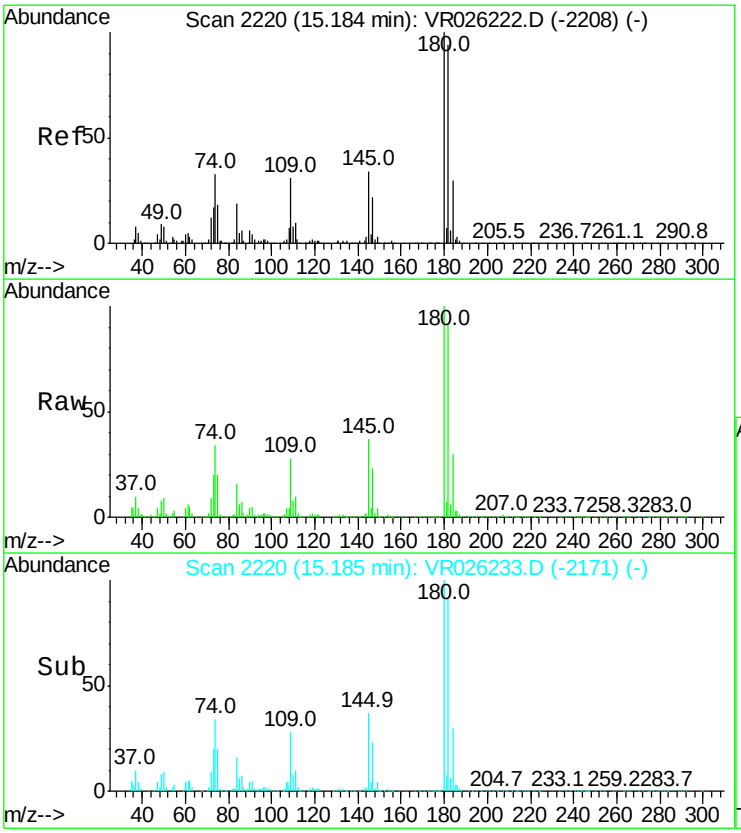
#69
Naphthalene
Concen: 5.047 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Instrument :
MSVOA_R
ClientSampleId :
VSTD00590

Tgt Ion:128 Resp: 134038

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.8	14.8
129	11.3	8.4	12.6





#70
1,2,3-Trichlorobenzene
Concen: 5.582 ug/L
RT: 15.18 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VR026233.D
Acq: 20 Nov 2018 16:19

Tgt Ion:180 Resp: 98332

Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.4	116.0
145	36.3	29.3	43.9