Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR092018\

Quantitation Report (Not Reviewed)

Data File : VR025772.D
Acq On : 20 Sep 2018 12:00
Operator : SY/MD
Sample : VSTD00511
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00511

Quant Time: Sep 20 12:29:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 11:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	602170	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	485040	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	192200	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	125843	4.81	ug/L		0.00
7) Chloroethane-d5	2.62	69	110369	5.15	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.62	63	343577	4.80	ug/L		-0.01
20) 2-Butanone-d5	6.59	46	219830	83.18	ug/L		0.00
24) Chloroform-d	7.20	84	355660	5.94	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	148536	7.31	ug/L		0.00
32) Benzene-d6	7.85	84	590227	4.50	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	174103	4.93	ug/L		0.00
41) Toluene-d8	9.97	98	489625	3.91	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.23	79	62659	7.19	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	205463	78.80	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84412	5.46	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	121245	4.45	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	346079	11.270	ug/L		97
3) Chloromethane	2.01	50	317616	8.426	ug/L		92
5) Vinyl chloride	2.17	62	297885	7.951	ug/L		97
6) Bromomethane	2.52	94	158463	5.909	ug/L		96
8) Chloroethane	2.66	64	166609	7.573	ug/L		100
9) Trichlorofluoromethane	2.93	101	157468	2.280	ug/L	#	5
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	214429	5.761	ug/L		99
12) 1,1-Dichloroethene	3.63	96	225944	5.752	ug/L		89
13) Acetone	3.70	43	97665	54.837	ug/L		91
14) Carbon disulfide	3.93	76	765452	8.258	ug/L		97
15) Methyl Acetate	4.19	43	40377	6.359	ug/L		93
16) Methylene chloride	4.40	84	187033	5.377	ug/L	#	76
17) Methyl tert-butyl Ether	4.89	73	434797	8.997	ug/L	#	91
18) trans-1,2-Dichloroethene	4.88	96	282064	5.875	ug/L	#	75
19) 1,1-Dichloroethane	5.69	63	565923	7.644	ug/L		97
21) 2-Butanone	6.69	43	294334	78.309	ug/L		96
22) cis-1,2-Dichloroethene	6.67	96	282875	6.772	ug/L	#	59
23) Bromochloromethane	7.05	128	74618	5.207	ug/L	#	61
25) Chloroform	7.23	83	525748	7.773	ug/L		98
27) 1,2-Dichloroethane	7.99	62	263652	9.878	ug/L	#	87
29) 1,1,1-Trichloroethane	7.43	97	494052	10.225	ug/L		97
30) Cyclohexane	7.51	56	565222	9.735	ug/L		89
31) Carbon tetrachloride	7.63	117	430277	9.187	ug/L		97
33) Benzene	7.91	78	1140398	6.599	ug/L		100
34) Trichloroethene	8.71	95	316541	7.558	ug/L		84
35) Methylcyclohexane	8.95	83	525961	8.137	ug/L		88
37) 1,2-Dichloropropane	8.99	63	243347	6.246	ug/L		99
38) Bromodichloromethane	9.28	83	311380	8.900	ug/L	#	92
39) cis-1,3-Dichloropropene	9.72	75	343049	8.611	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	864374	89.759	ug/L	#	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR092018\

Quantitation Report (Not Reviewed)

Data File : VR025772.D
Acq On : 20 Sep 2018 12:00
Operator : SY/MD
Sample : VSTD00511
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00511

Quant Time: Sep 20 12:29:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 11:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.03	91	1158192	6.548	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	260176	9.285	ug/L		95
45) 1,1,2-Trichloroethane	10.45	97	110459	6.053	ug/L		95
47) Tetrachloroethene	10.51	164	184857	5.390	ug/L		89
48) 2-Hexanone	10.63	43	589496	87.287	ug/L		93
49) Dibromochloromethane	10.78	129	134743	6.932	ug/L		96
50) 1,2-Dibromoethane	10.89	107	98599	6.802	ug/L	#	92
51) Chlorobenzene	11.32	112	636408	5.724	ug/L	#	84
52) Ethylbenzene	11.39	91	1349998	7.084	ug/L		97
53) m,p-Xylene	11.50	106	491961	6.415	ug/L		75
54) o-Xylene	11.83	106	454252	6.723	ug/L		74
55) Styrene	11.84	104	716627	6.587	ug/L	#	75
56) Isopropylbenzene	12.13	105	1282566	7.618	ug/L	#	92
58) 1,1,2,2-Tetrachloroethane	12.39	83	111582	6.278	ug/L		96
59) 1,2,3-Trichloropropane	12.43	75	89976	7.527	ug/L		95
61) Bromoform	12.01	173	56374	6.855	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	405115	6.748	ug/L		91
63) 1,4-Dichlorobenzene	13.24	146	385052	5.639	ug/L		92
65) 1,2-Dichlorobenzene	13.53	146	298951	5.772	ug/L		94
66) 1,2-Dibromo-3-chloropropan	14.14	75	17083	11.216	ug/L	#	52
67) 1,3,5-Trichlorobenzene	14.29	180	228042	6.389	ug/L	#	97
68) 1,2,4-trichlorobenzene	14.78	180	152394	6.961	ug/L	#	97
69) Naphthalene	15.00	128	221776	9.055	ug/L		100
70) 1,2,3-Trichlorobenzene	15.18	180	104085	6.006	ug/L	#	92

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

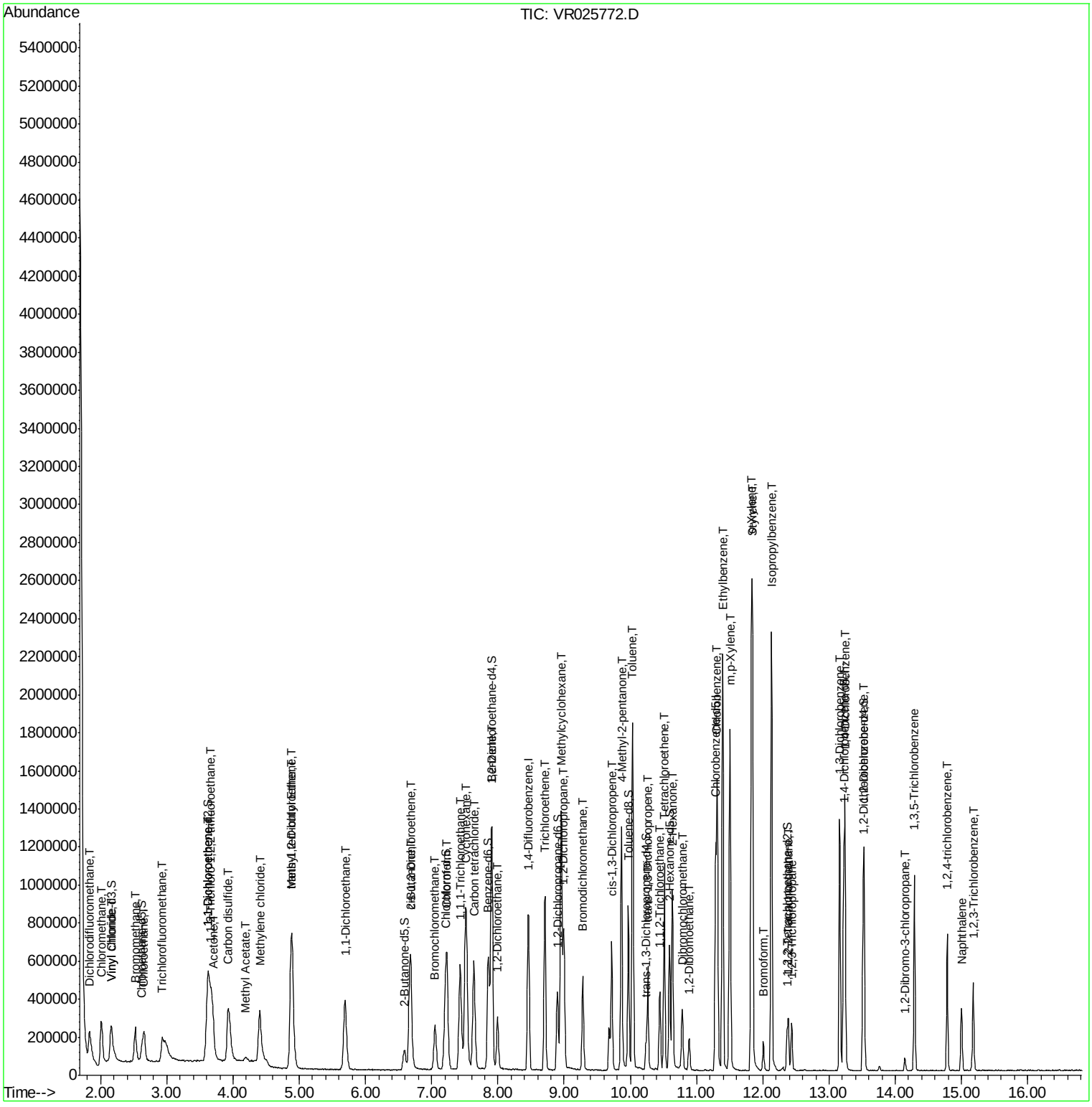
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR092018\

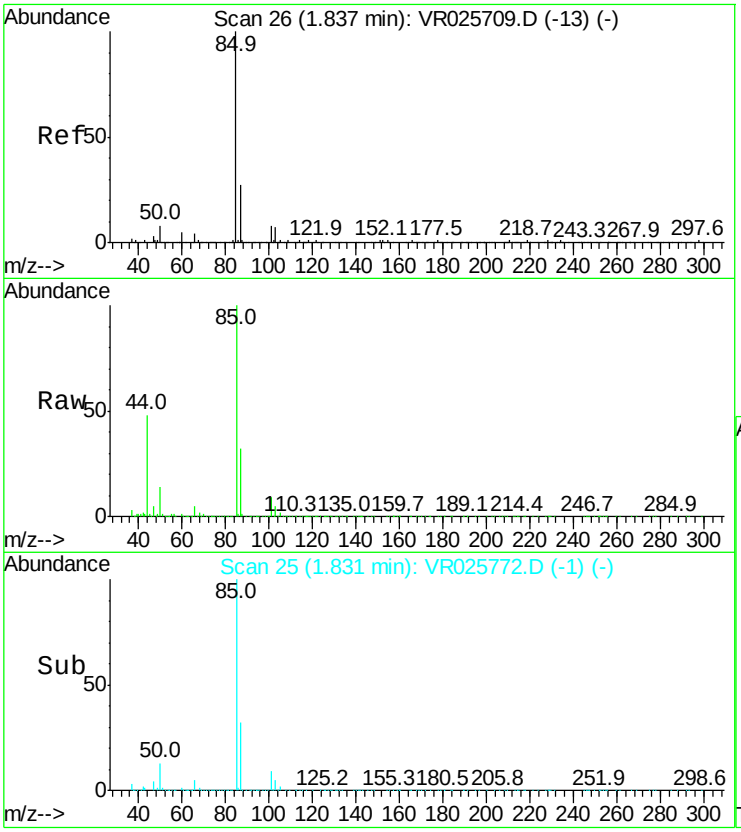
Quantitation Report (Not Reviewed)

Data File : VR025772.D
Acq On : 20 Sep 2018 12:00
Operator : SY/MD
Sample : VSTD00511
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Quant Time: Sep 20 12:29:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 11:29:27 2018
Response via : Initial Calibration



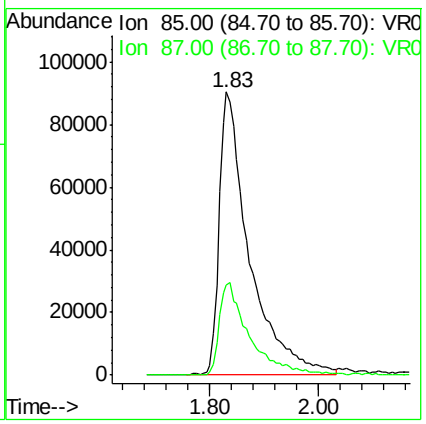


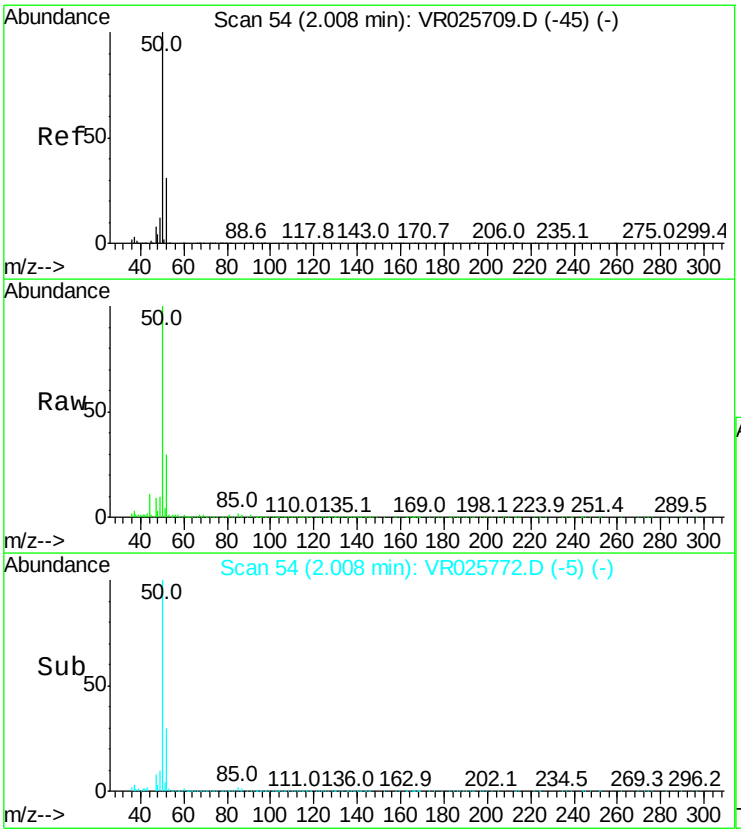
#2
Dichlorodifluoromethane
Concen: 11.270 ug/L
RT: 1.83 min Scan# 25
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 85 Resp: 346079

Ion	Ratio	Lower	Upper
85	100		
87	33.0	25.3	37.9

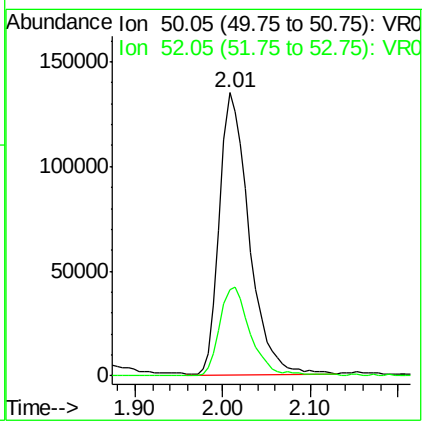


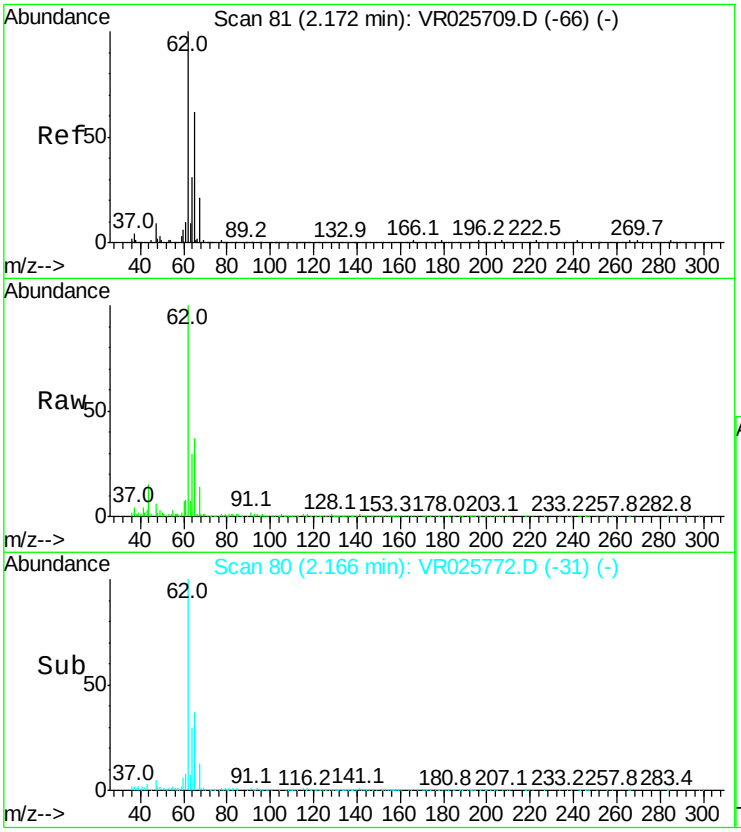


#3
Chloromethane
Concen: 8.426 ug/L
RT: 2.01 min Scan# 54
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 50 Resp: 317616

Ion	Ratio	Lower	Upper
50	100		
52	30.5	24.6	45.8



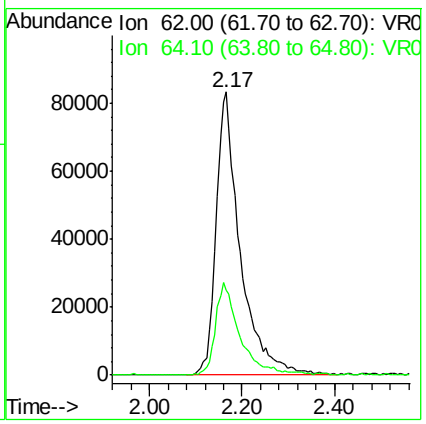


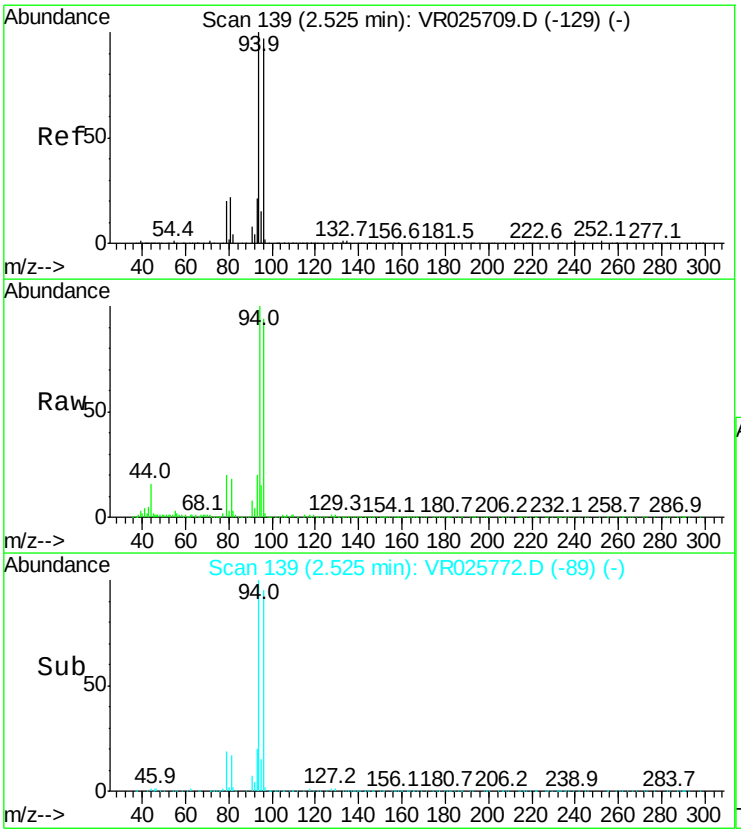
#5
Vinyl chloride
Concen: 7.951 ug/L
RT: 2.17 min Scan# 80
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 62 Resp: 297885

Ion	Ratio	Lower	Upper
62	100		
64	29.9	22.0	40.8

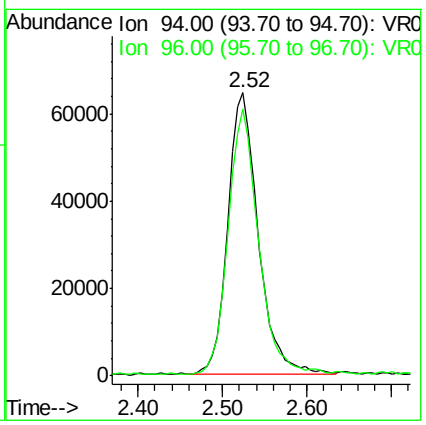


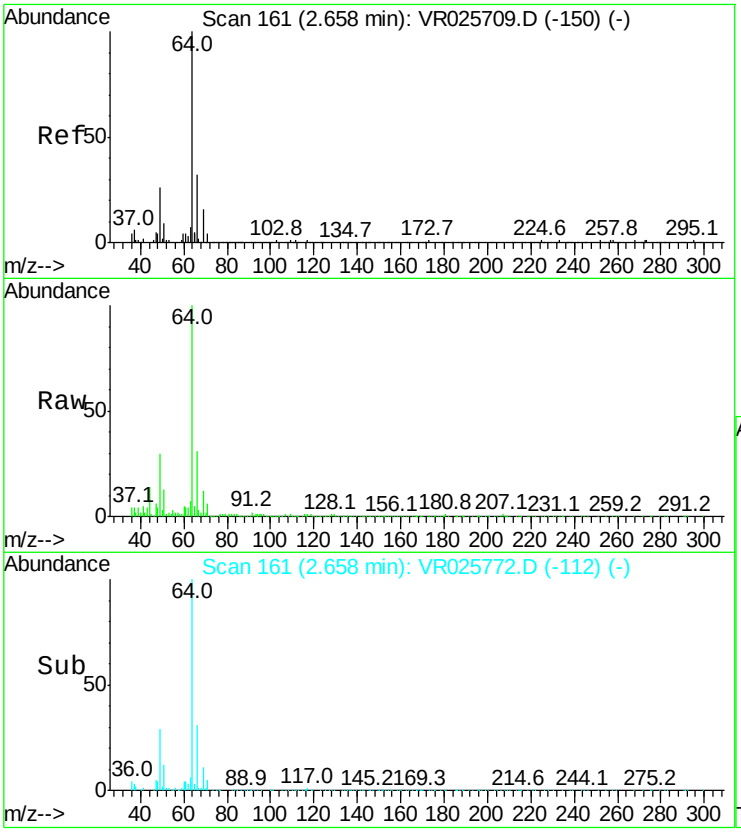


#6
Bromomethane
Concen: 5.909 ug/L
RT: 2.52 min Scan# 139
Delta R.T. 0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 94 Resp: 158463

Ion	Ratio	Lower	Upper
94	100		
96	94.4	68.9	127.9



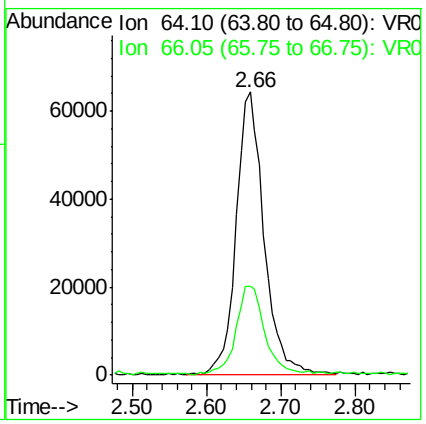


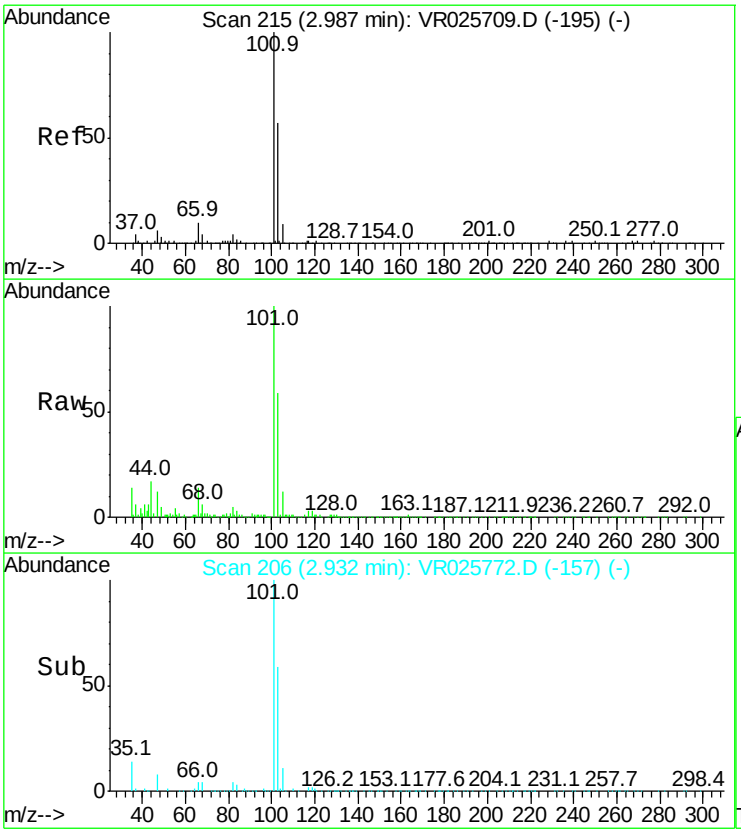
#8
Chloroethane
Concen: 7.573 ug/L
RT: 2.66 min Scan# 161
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 64 Resp: 166609

Ion	Ratio	Lower	Upper
64	100		
66	31.3	21.8	40.6

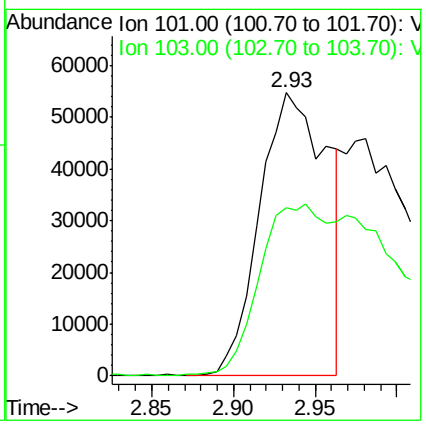


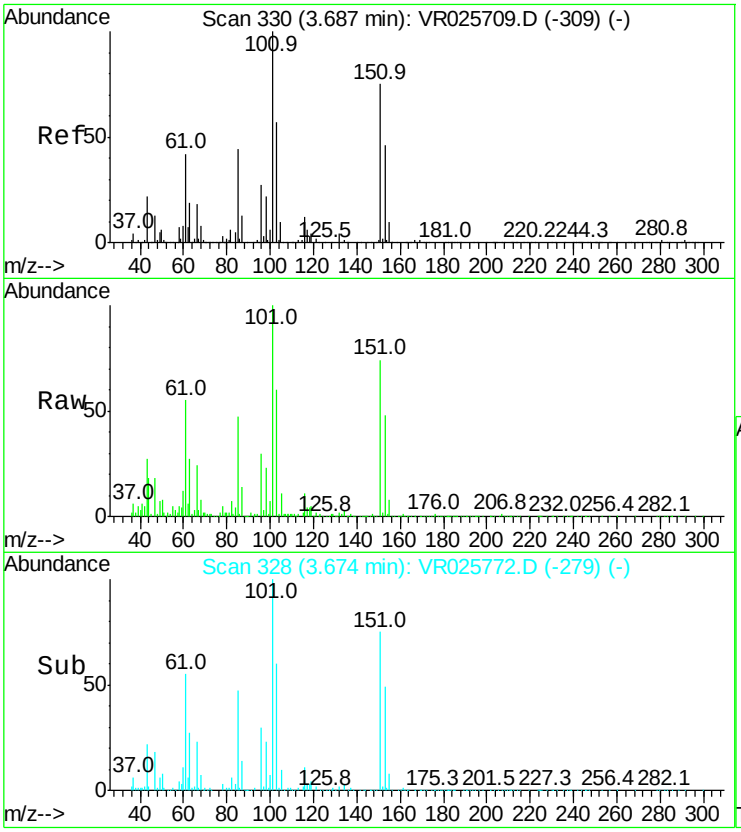


#9
Trichlorofluoromethane
Concen: 2.280 ug/L
RT: 2.93 min Scan# 206
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:101 Resp: 157468

Ion	Ratio	Lower	Upper
101	100		
103	57.4	13.2	19.8#



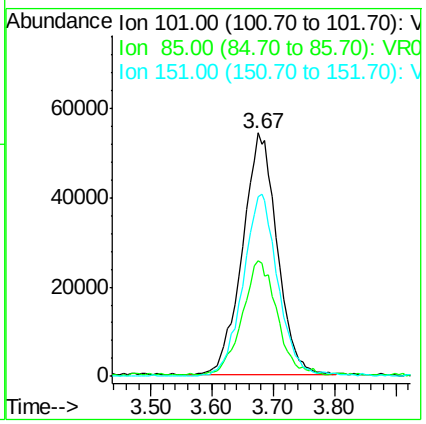


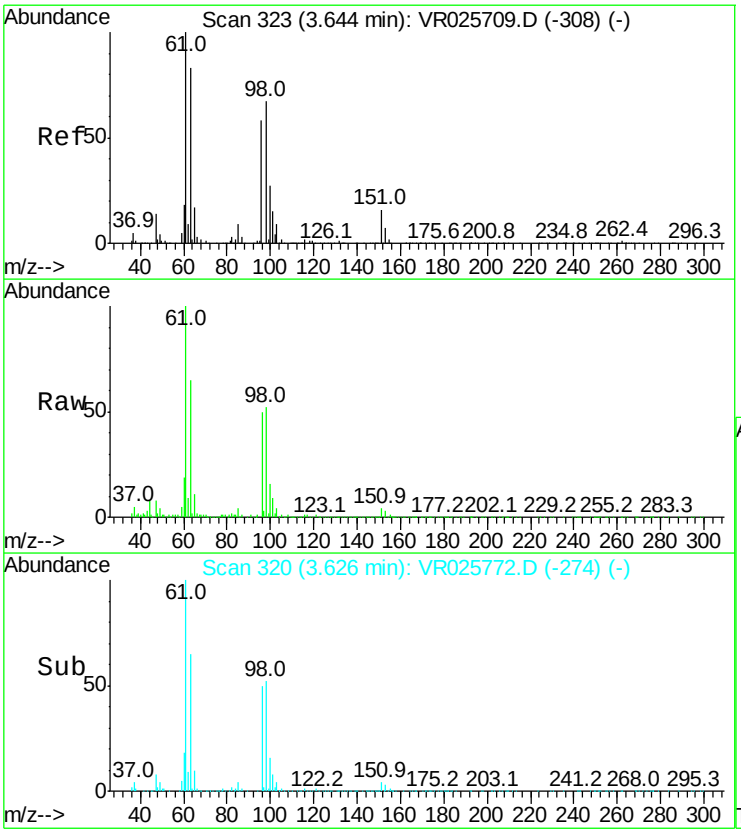
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.761 ug/L
RT: 3.67 min Scan# 328
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion:101 Resp: 214429

Ion	Ratio	Lower	Upper
101	100		
85	47.0	38.1	57.1
151	76.1	60.3	90.5

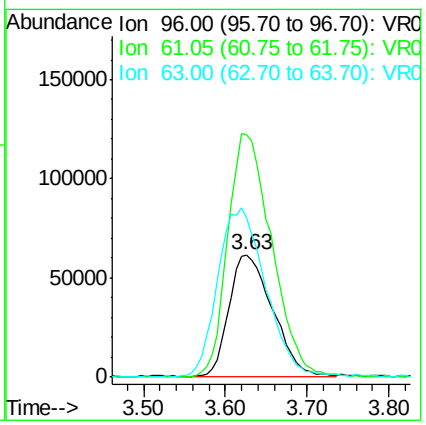


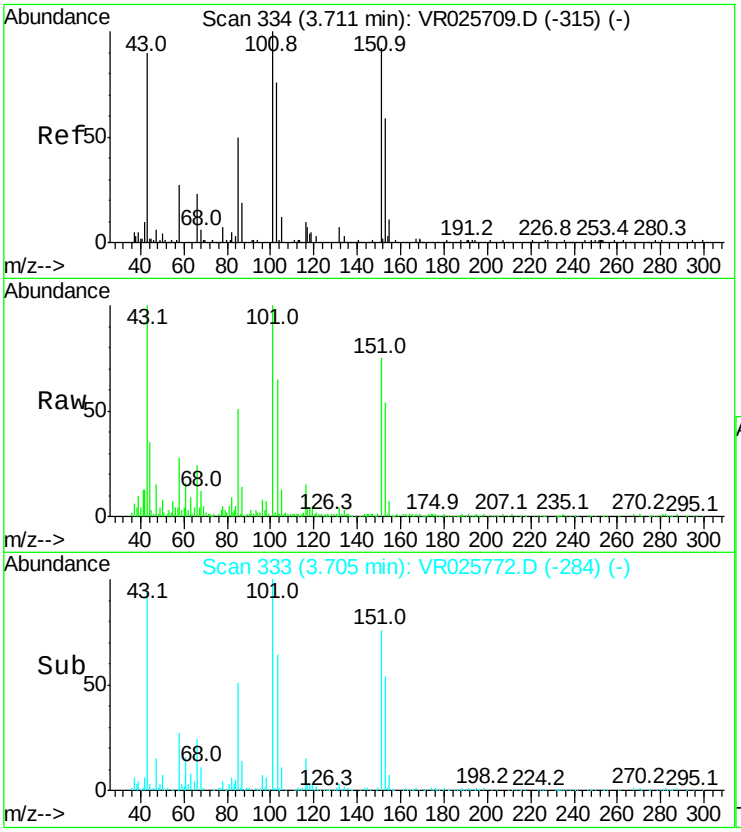


#12
1,1-Dichloroethene
Concen: 5.752 ug/L
RT: 3.63 min Scan# 320
Delta R.T. -0.02 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 96 Resp: 225944

Ion	Ratio	Lower	Upper
96	100		
61	198.2	128.4	238.4
63	129.8	101.1	187.7



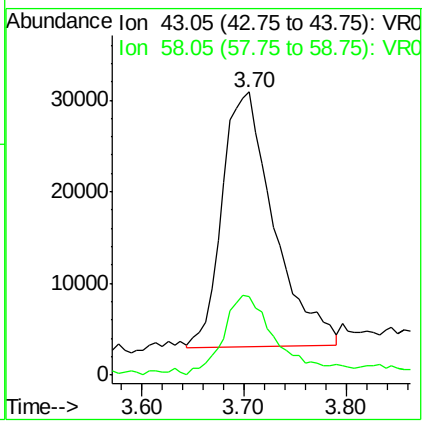


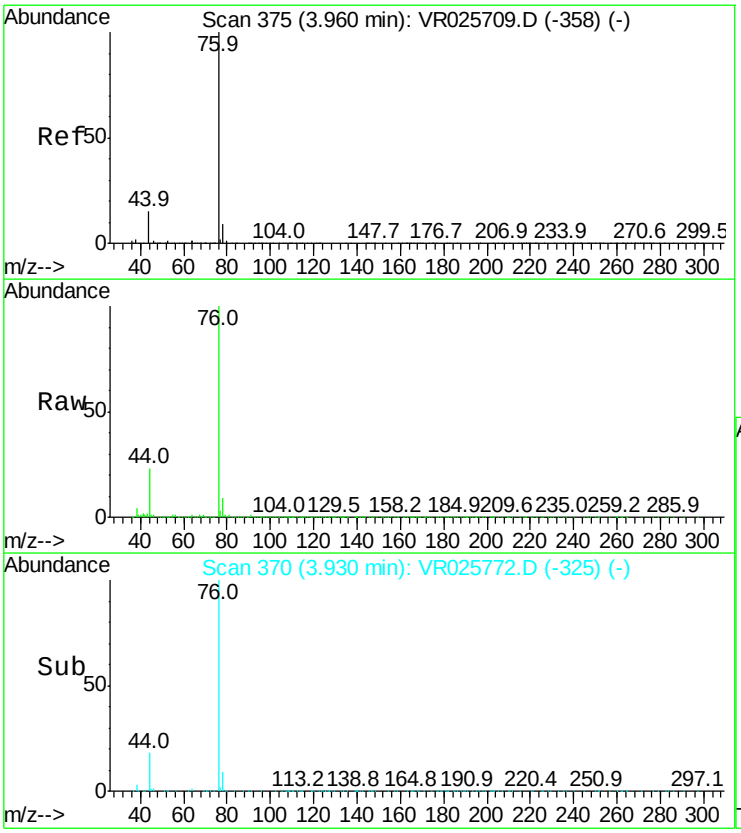
#13
Acetone
Concen: 54.837 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument : MSVOA_R
ClientSampleId : VSTD00511

Tgt Ion: 43 Resp: 97665

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	53.6

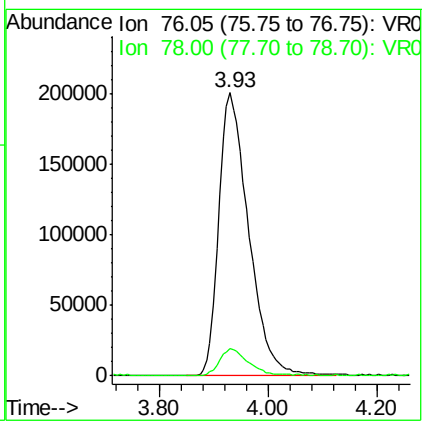


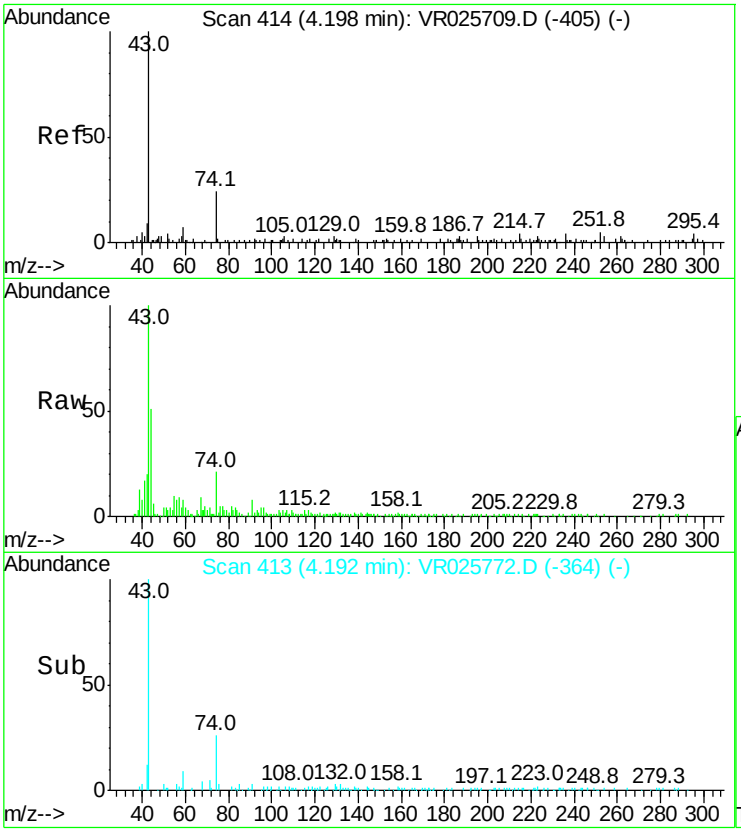


#14
Carbon disulfide
Concen: 8.258 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.02 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 76 Resp: 765452

Ion	Ratio	Lower	Upper
76	100		
78	9.5	8.6	12.8



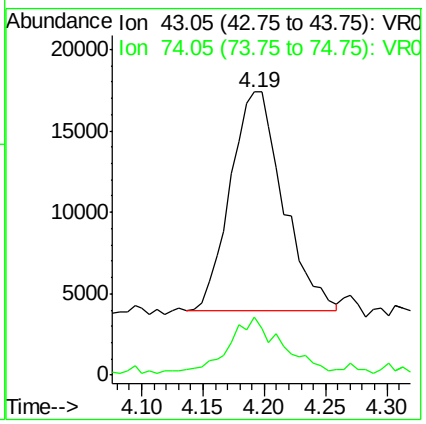


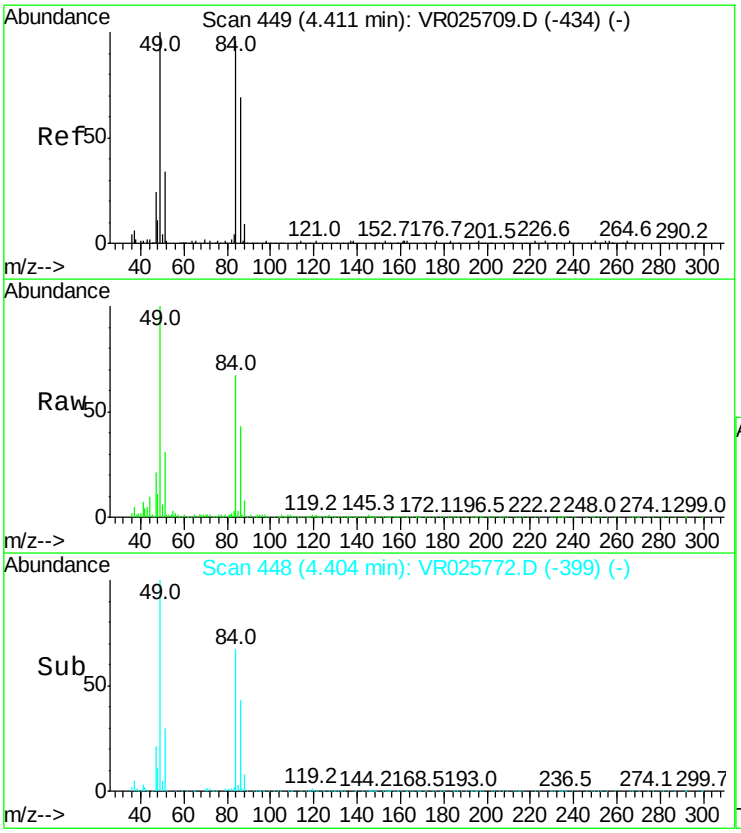
#15
Methyl Acetate
Concen: 6.359 ug/L
RT: 4.19 min Scan# 413
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 43 Resp: 40377

Ion	Ratio	Lower	Upper
43	100		
74	26.4	24.2	36.4

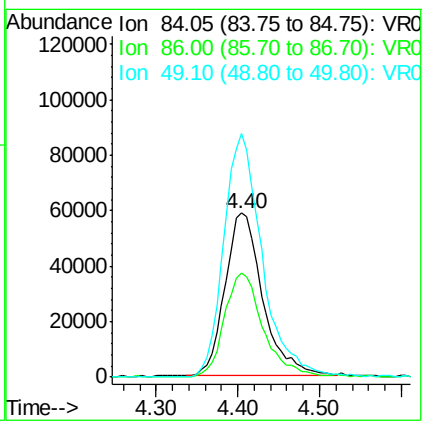


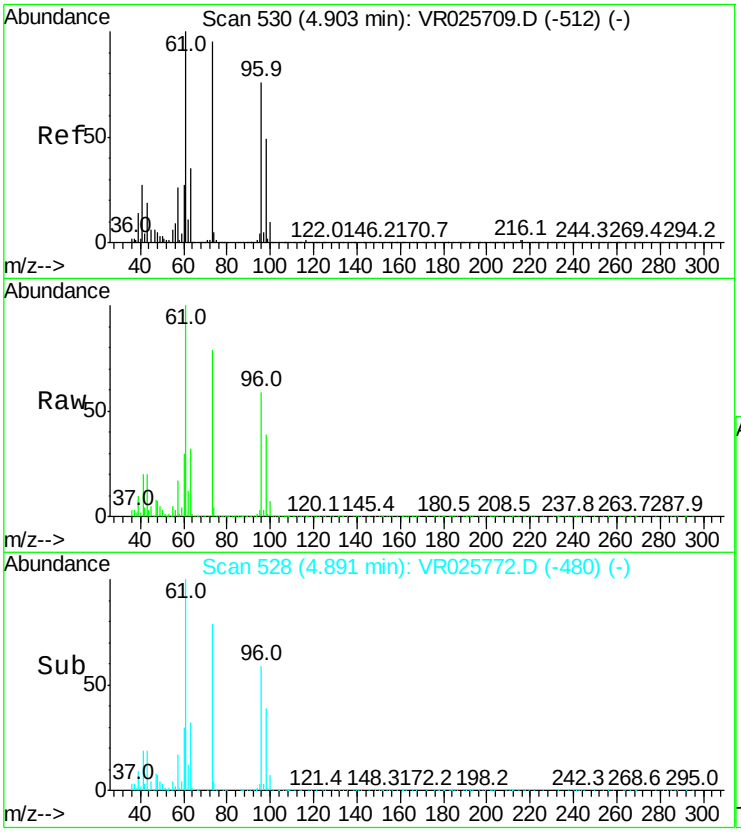


#16
Methylene chloride
Concen: 5.377 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 84 Resp: 187033

Ion	Ratio	Lower	Upper
84	100		
86	63.1	46.5	86.3
49	148.4	77.4	143.8#



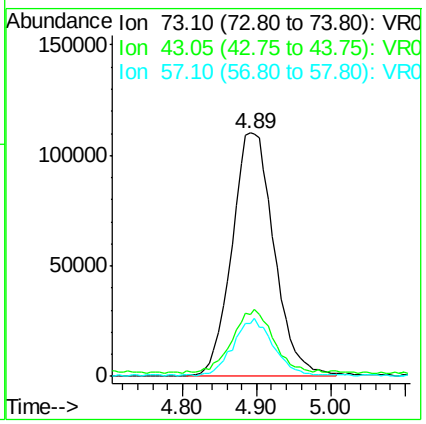


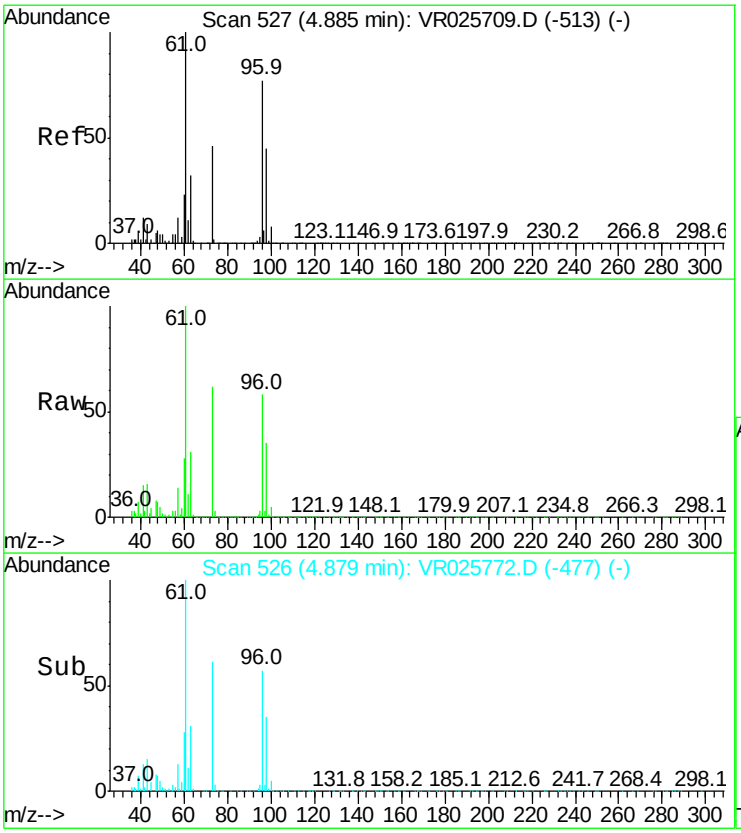
#17
Methyl tert-butyl Ether
Concen: 8.997 ug/L
RT: 4.89 min Scan# 528
Delta R.T. -0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 73 Resp: 434797

Ion	Ratio	Lower	Upper
73	100		
43	25.5	15.1	22.7#
57	22.2	19.5	29.3

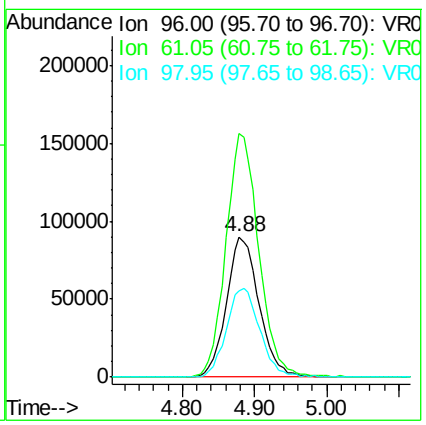


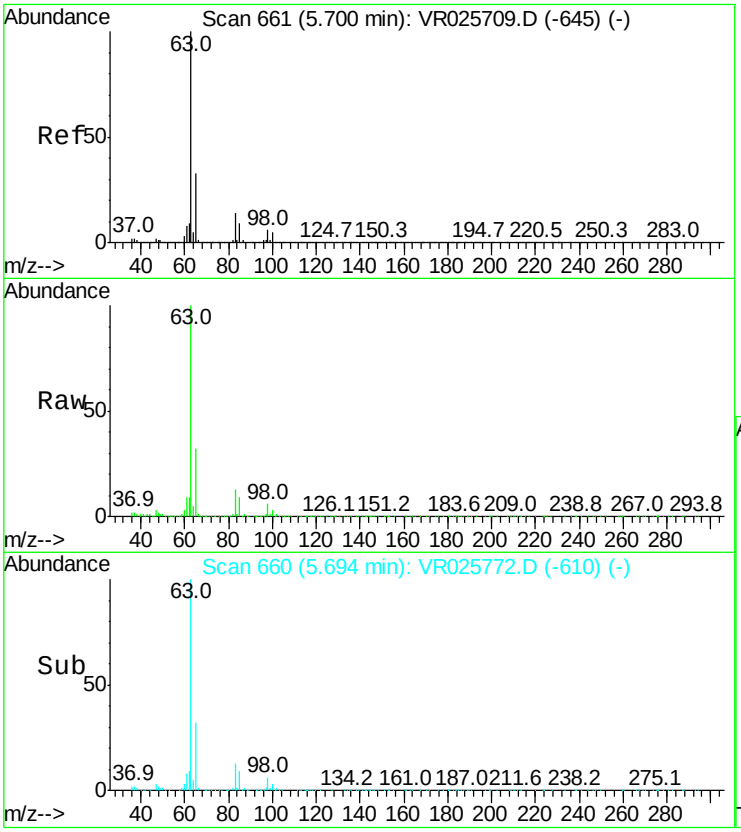


#18
trans-1,2-Dichloroethene
Concen: 5.875 ug/L
RT: 4.88 min Scan# 526
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 96 Resp: 282064

Ion	Ratio	Lower	Upper
96	100		
61	173.5	91.3	169.6#
98	61.0	43.2	80.2



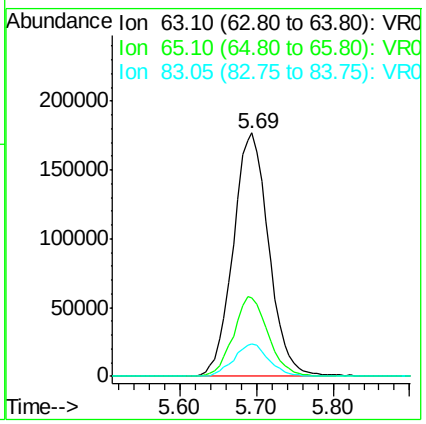


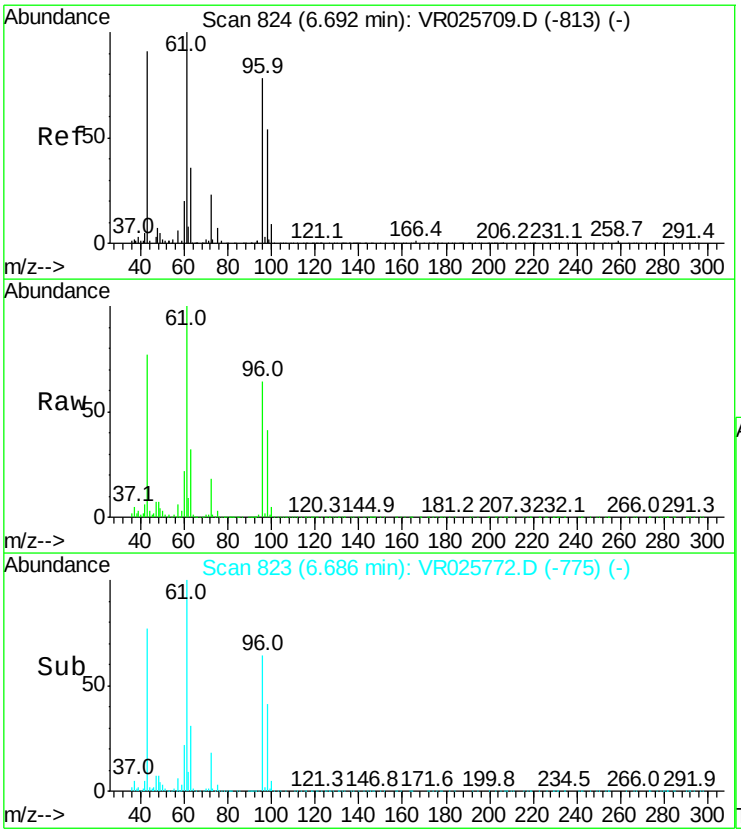
#19
1,1-Dichloroethane
Concen: 7.644 ug/L
RT: 5.69 min Scan# 660
Delta R.T. 0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 63 Resp: 565923

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.9	40.7
83	13.3	7.6	14.2

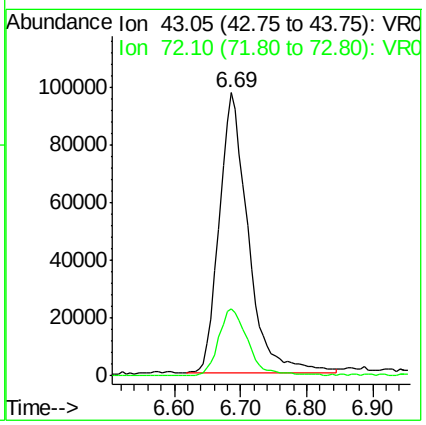


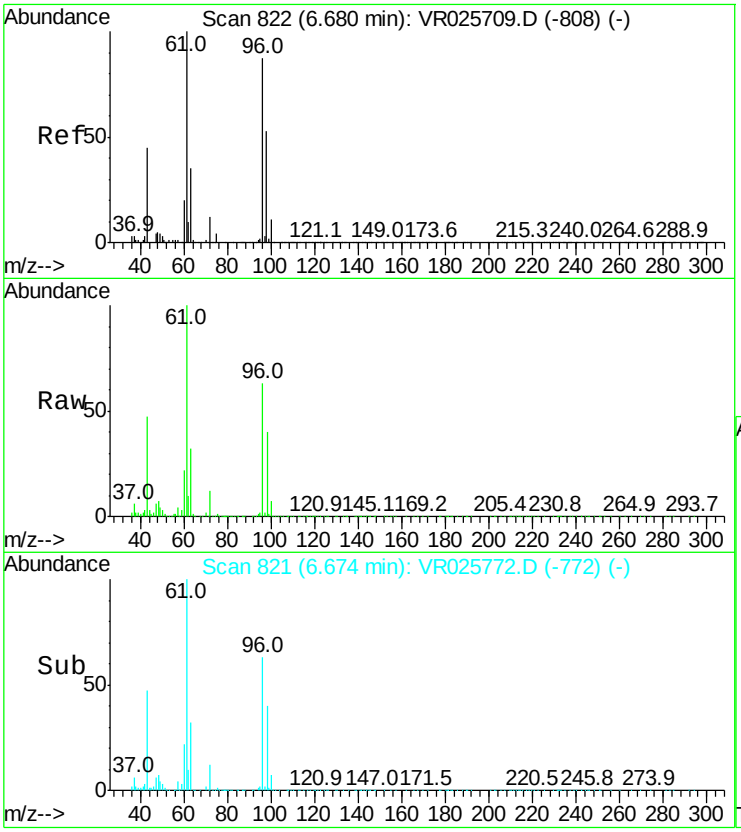


#21
2-Butanone
Concen: 78.309 ug/L
RT: 6.69 min Scan# 823
Delta R.T. -0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 43 Resp: 294334

Ion	Ratio	Lower	Upper
43	100		
72	24.7	13.3	39.9



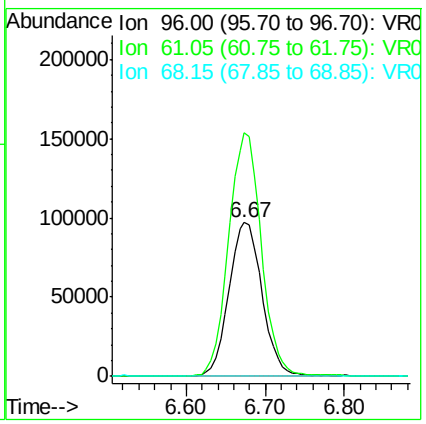


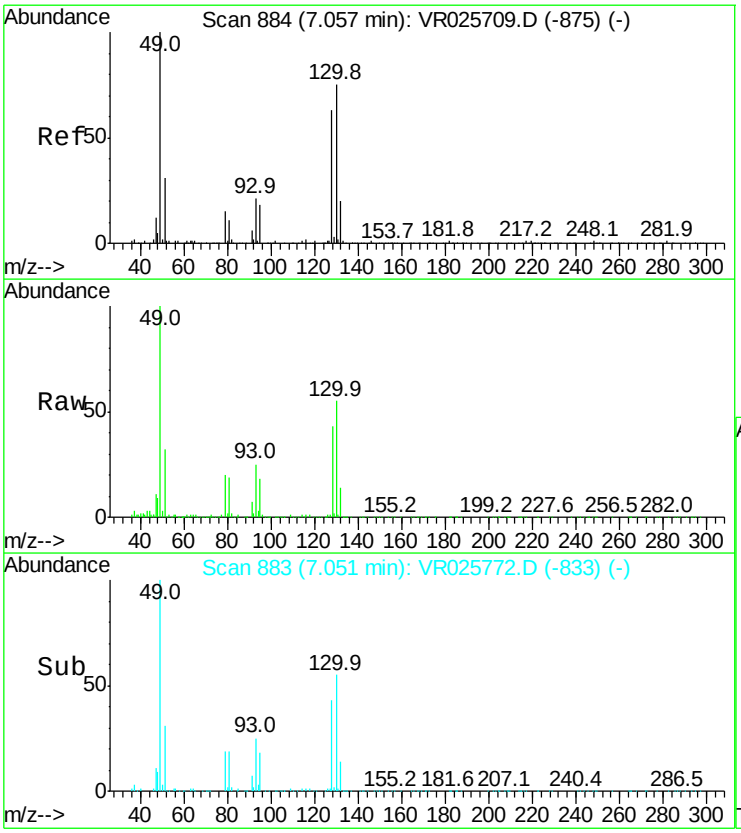
#22
cis-1,2-Dichloroethene
Concen: 6.772 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 96 Resp: 282875

Ion	Ratio	Lower	Upper
96	100		
61	158.3	79.9	148.5#
68	0.1	0.2	0.4#

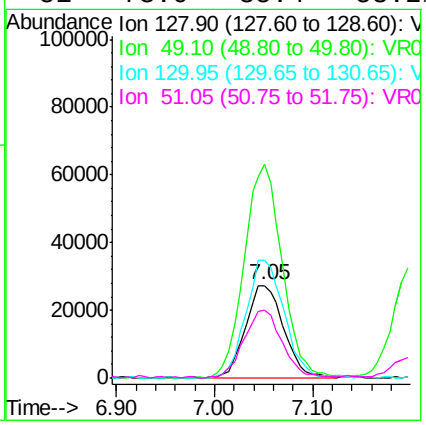


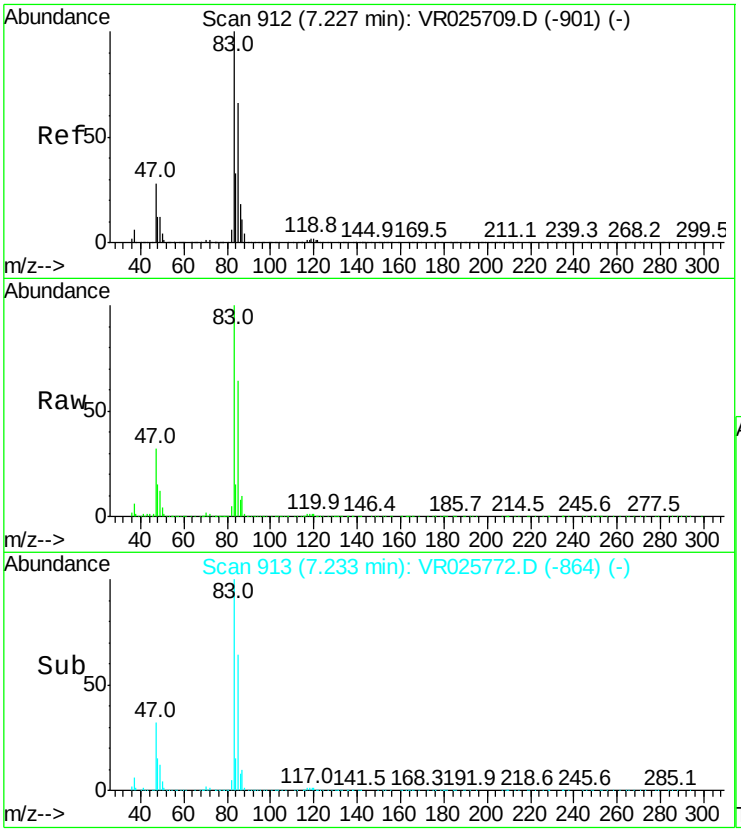


#23
Bromochloromethane
Concen: 5.207 ug/L
RT: 7.05 min Scan# 883
Delta R.T. 0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:128 Resp: 74618

Ion	Ratio	Lower	Upper
128	100		
49	230.7	104.6	194.2#
130	127.8	84.7	157.3
51	73.0	35.4	53.2#



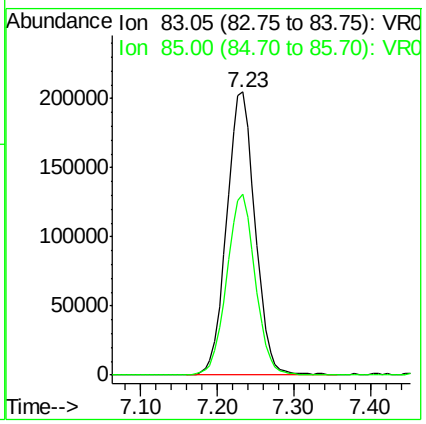


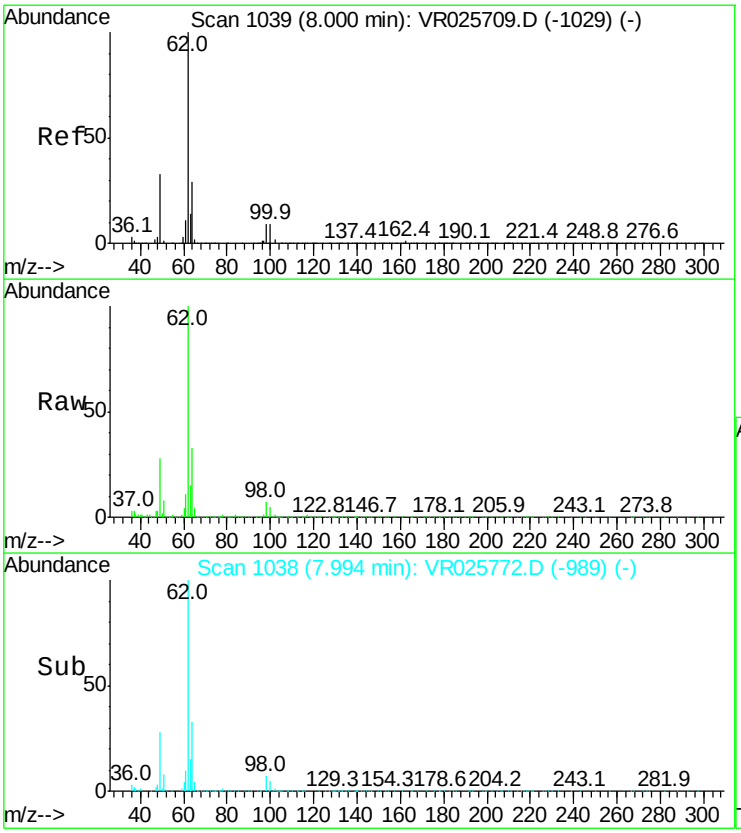
#25
Chloroform
Concen: 7.773 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument : MSVOA_R
ClientSampleId : VSTD00511

Tgt Ion: 83 Resp: 525748

Ion	Ratio	Lower	Upper
83	100		
85	64.0	43.8	81.4

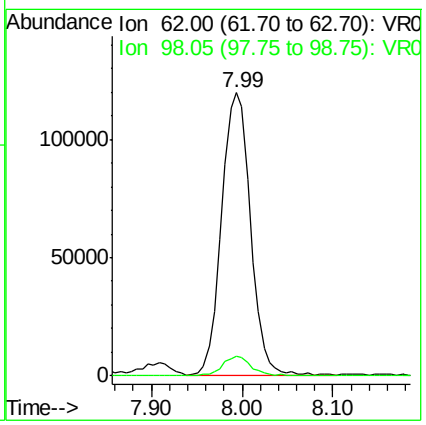


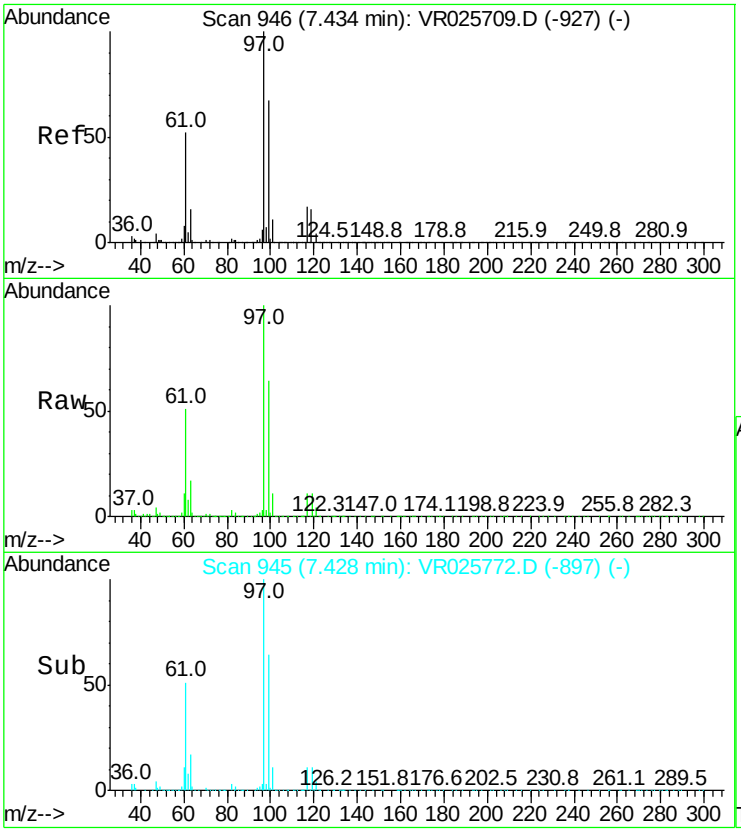


#27
1,2-Dichloroethane
Concen: 9.878 ug/L
RT: 7.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 62 Resp: 263652

Ion	Ratio	Lower	Upper
62	100		
98	6.9	9.4	14.2#



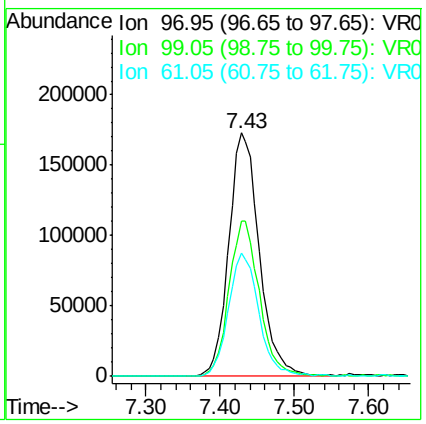


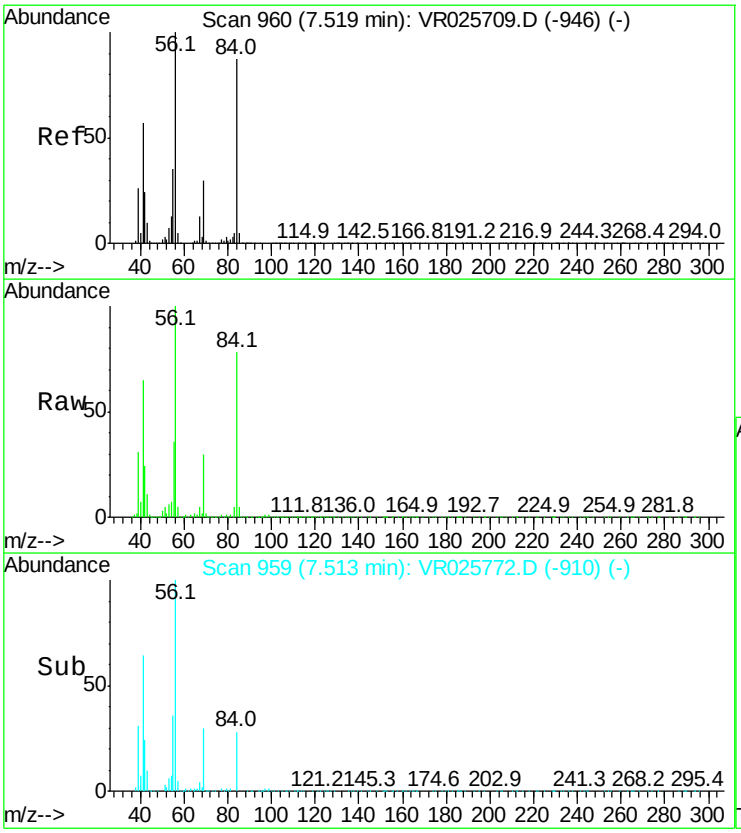
#29
1,1,1-Trichloroethane
Concen: 10.225 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 97 Resp: 494052

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	50.5	36.2	54.4

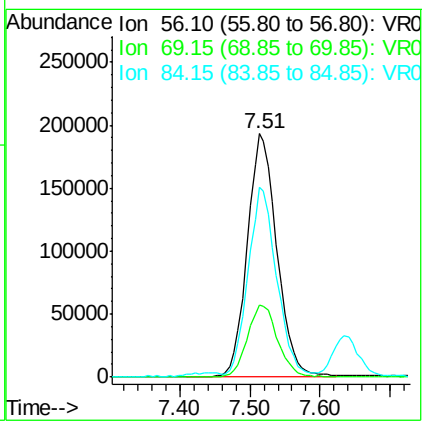


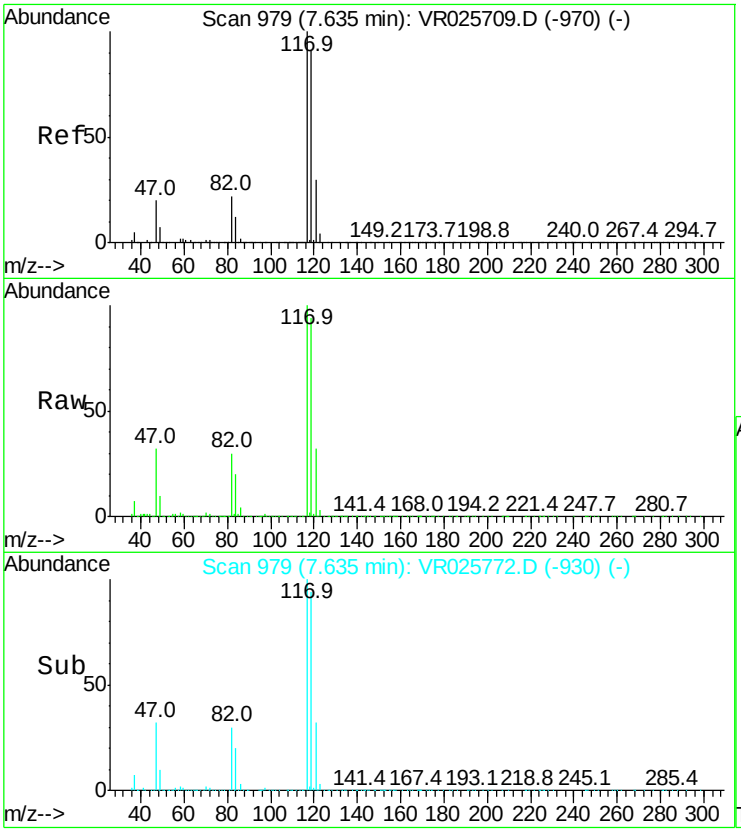


#30
Cyclohexane
Concen: 9.735 ug/L
RT: 7.51 min Scan# 959
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 56 Resp: 565222

Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.4	35.2
84	75.3	70.4	105.6



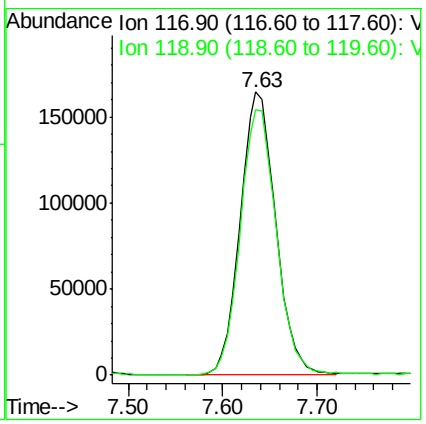


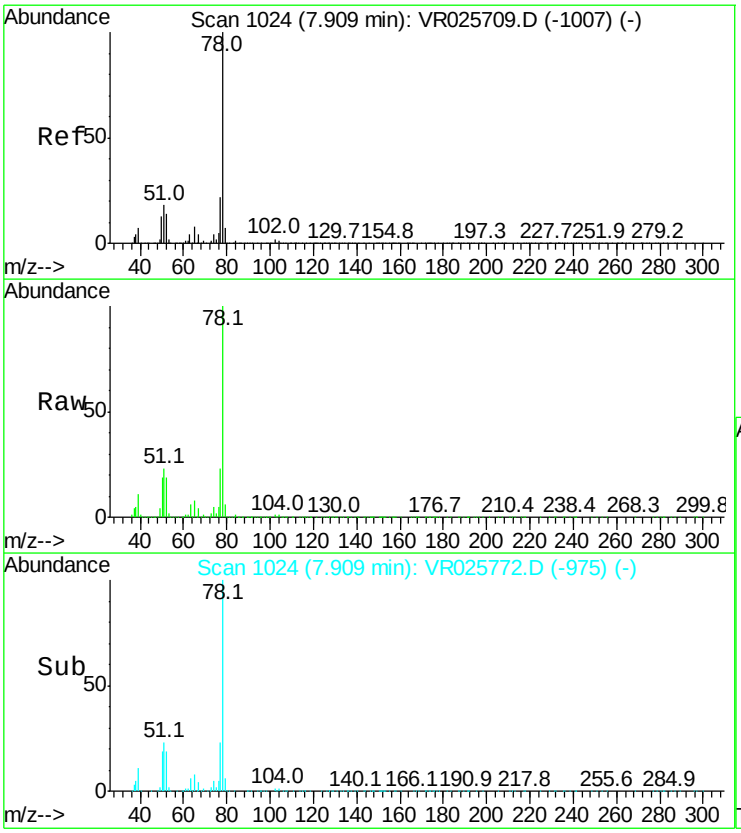
#31
Carbon tetrachloride
Concen: 9.187 ug/L
RT: 7.63 min Scan# 979
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion:117 Resp: 430277

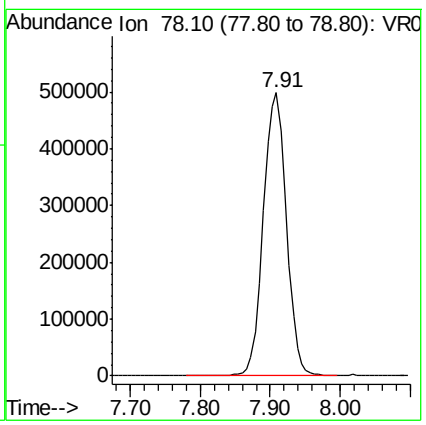
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.9	118.3

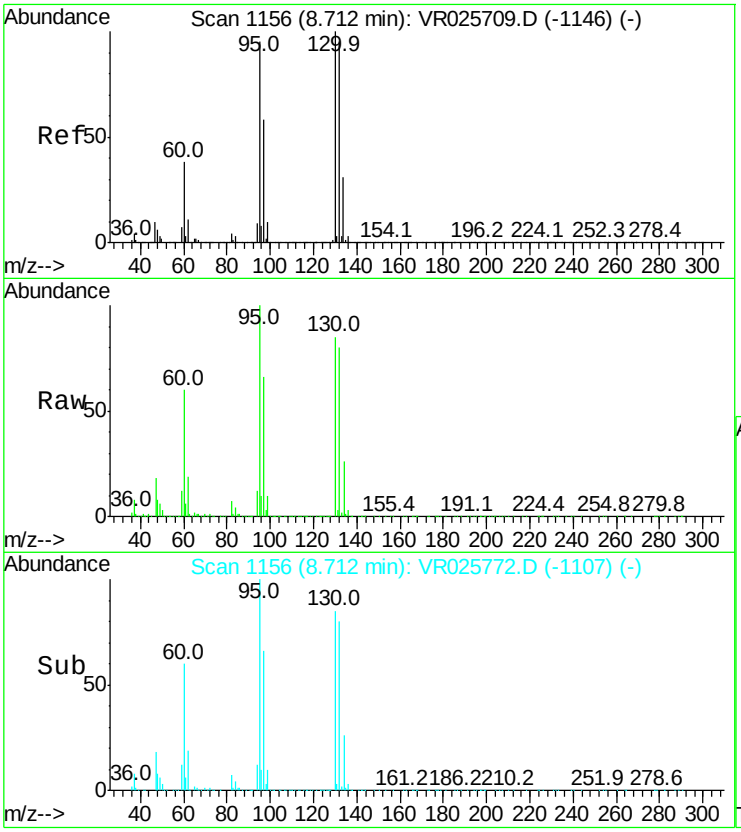




#33
Benzene
Concen: 6.599 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 78 Resp: 1140398



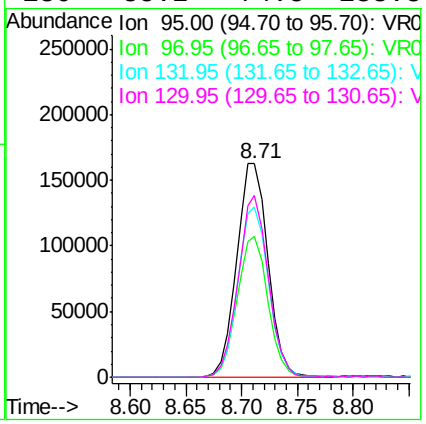


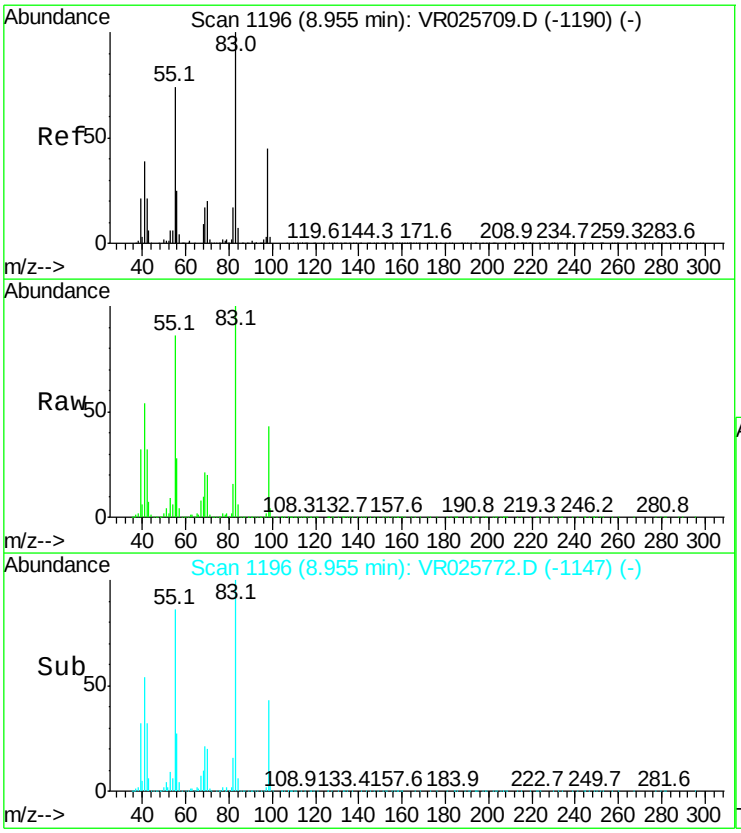
#34
Trichloroethene
Concen: 7.558 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 95 Resp: 316541

Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.5	84.5
132	80.0	71.0	131.9
130	85.2	74.5	138.3

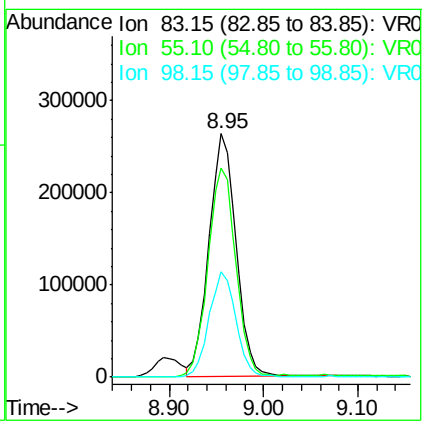


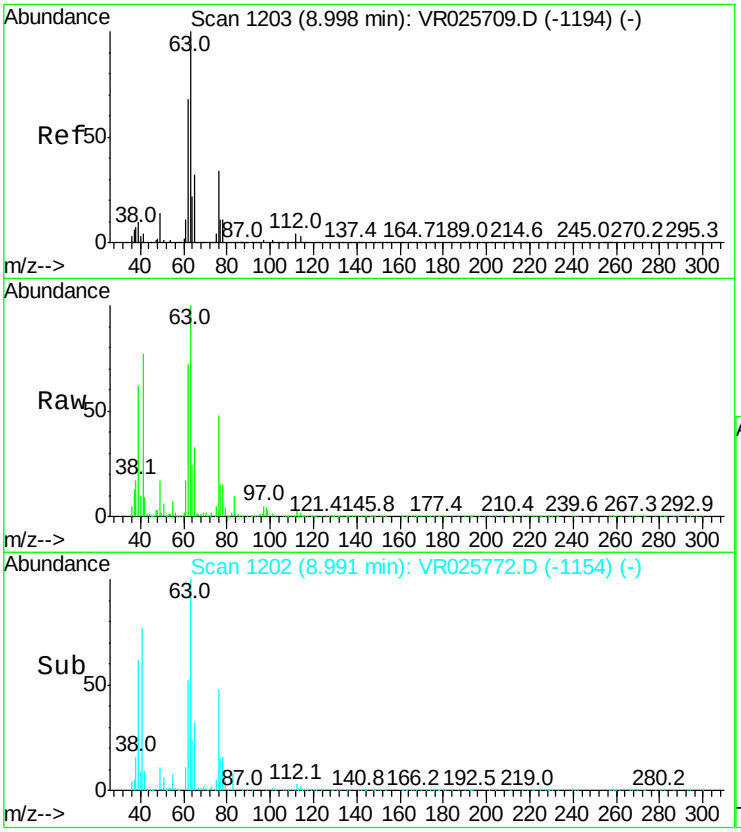


#35
Methylcyclohexane
Concen: 8.137 ug/L
RT: 8.95 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 83 Resp: 525961

Ion	Ratio	Lower	Upper
83	100		
55	87.9	58.9	88.3
98	43.0	36.9	55.3



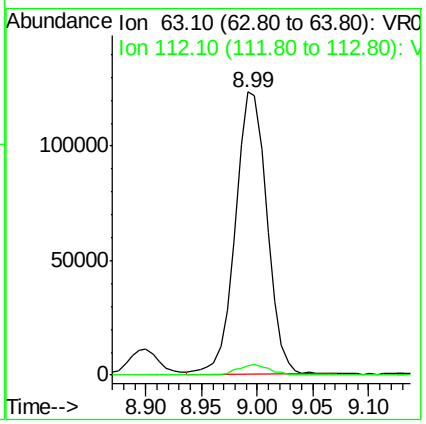


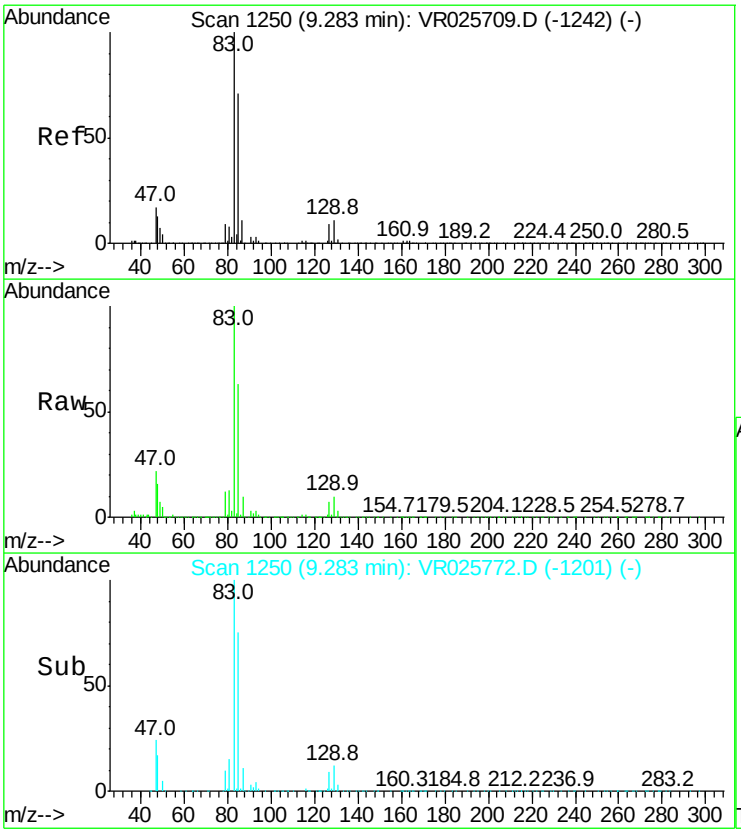
#37
1,2-Dichloropropane
Concen: 6.246 ug/L
RT: 8.99 min Scan# 1202
Delta R.T. -0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 63 Resp: 243347

Ion	Ratio	Lower	Upper
63	100		
112	3.8	2.9	4.3

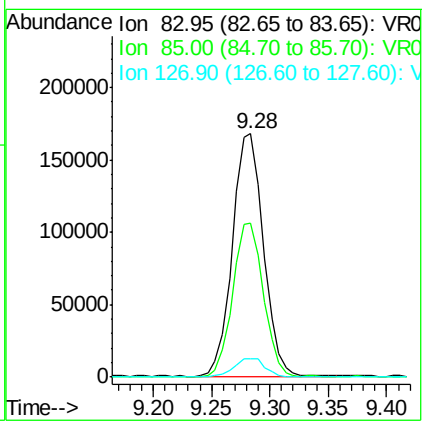


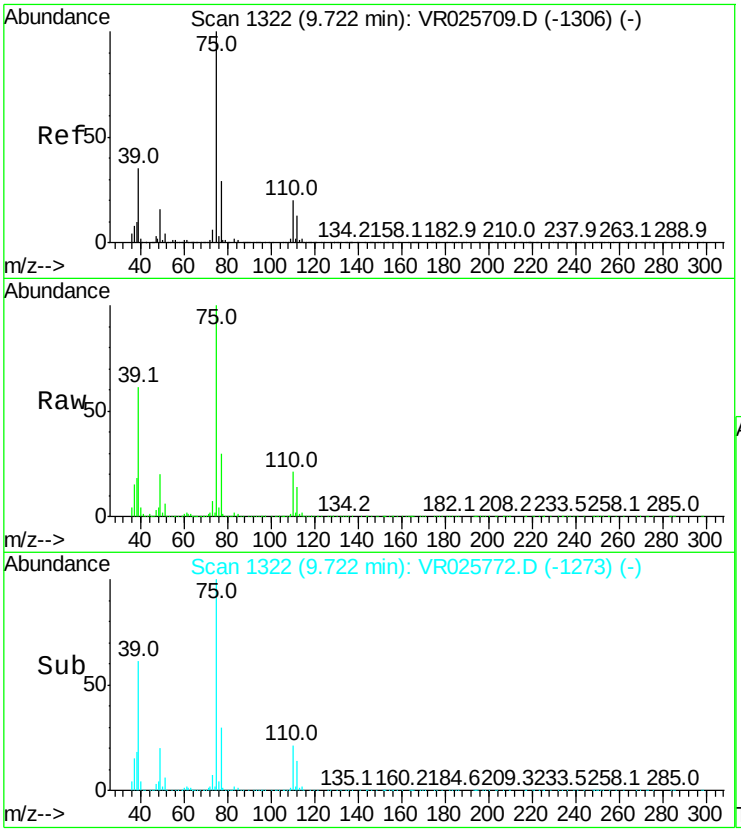


#38
Bromodichloromethane
Concen: 8.900 ug/L
RT: 9.28 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 83 Resp: 311380

Ion	Ratio	Lower	Upper
83	100		
85	63.1	48.7	90.5
127	7.5	7.5	11.3#



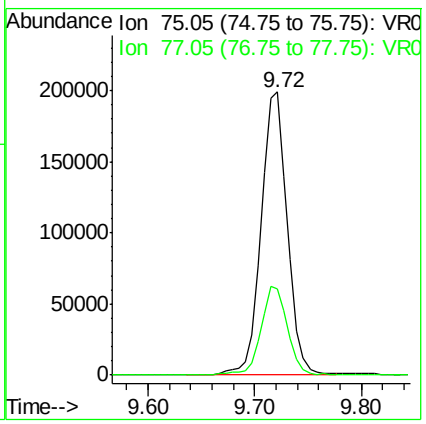


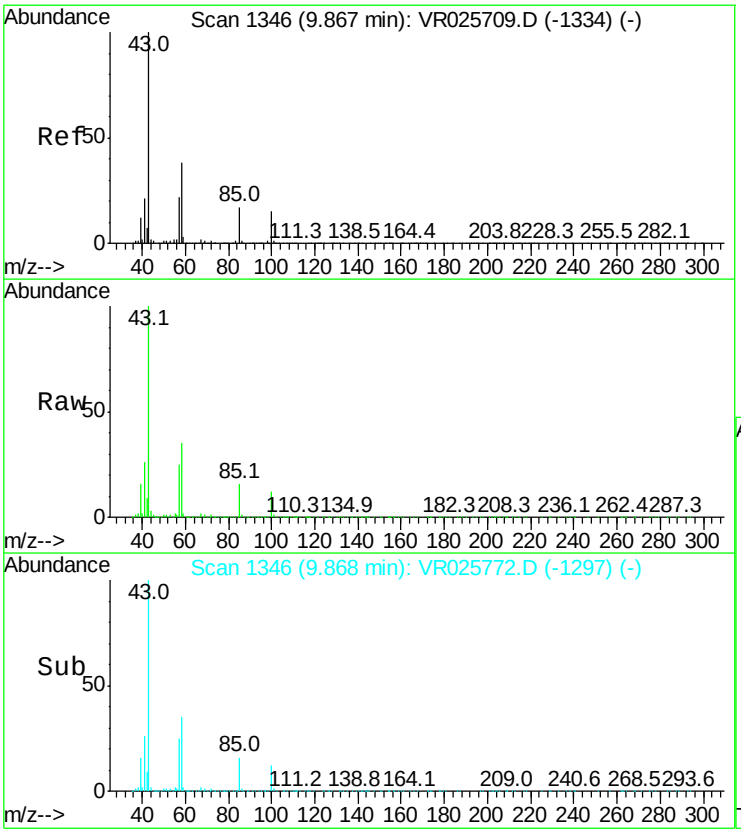
#39
cis-1,3-Dichloropropene
Concen: 8.611 ug/L
RT: 9.72 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 75 Resp: 343049

Ion	Ratio	Lower	Upper
75	100		
77	30.3	21.6	40.2

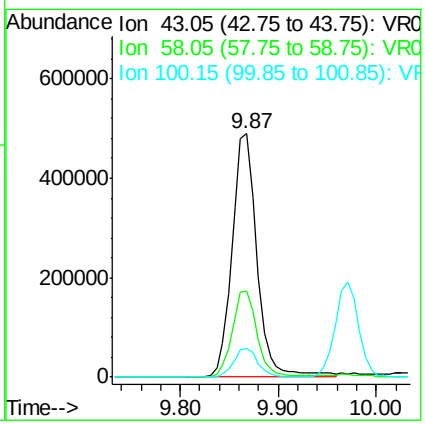


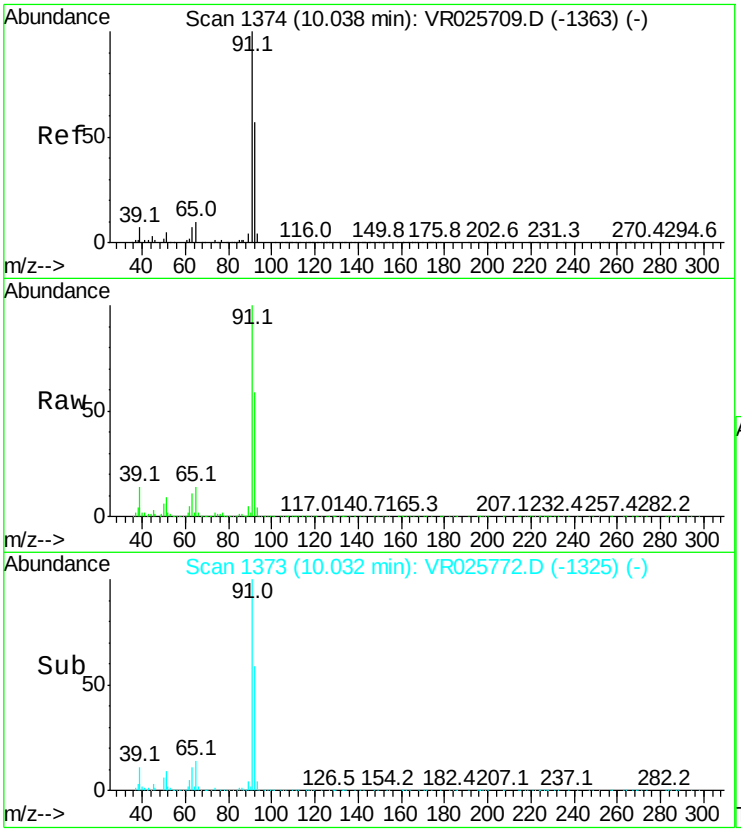


#40
4-Methyl-2-pentanone
Concen: 89.759 ug/L
RT: 9.87 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 43 Resp: 864374

Ion	Ratio	Lower	Upper
43	100		
58	35.4	30.6	46.0
100	11.6	11.7	17.5#



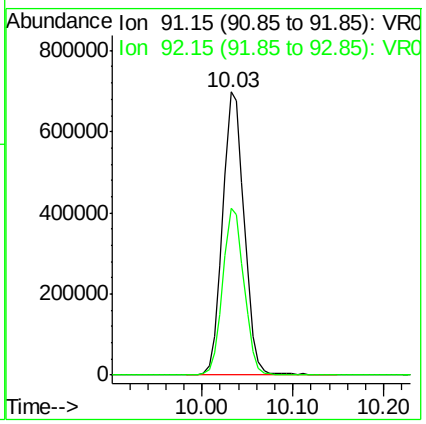


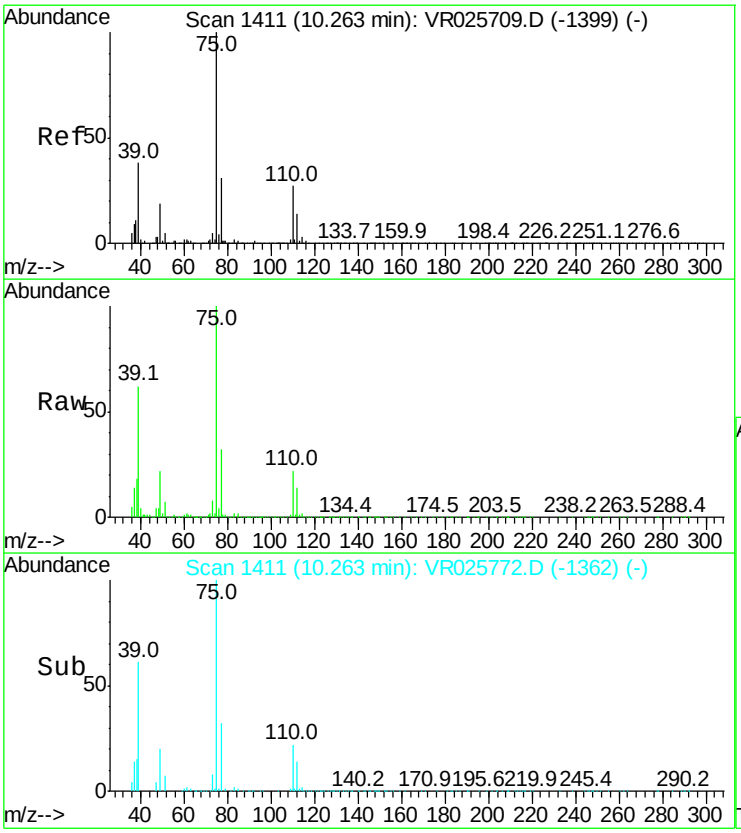
#42
Toluene
Concen: 6.548 ug/L
RT: 10.03 min Scan# 1373
Delta R.T. -0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 91 Resp: 1158192

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.7	75.7

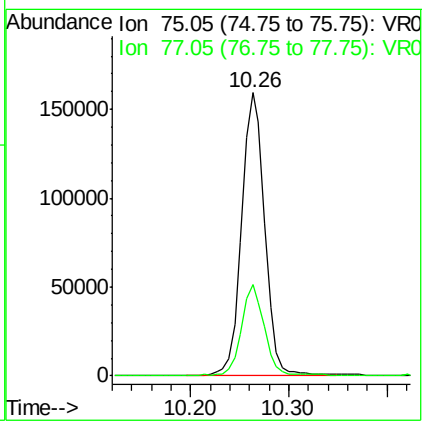


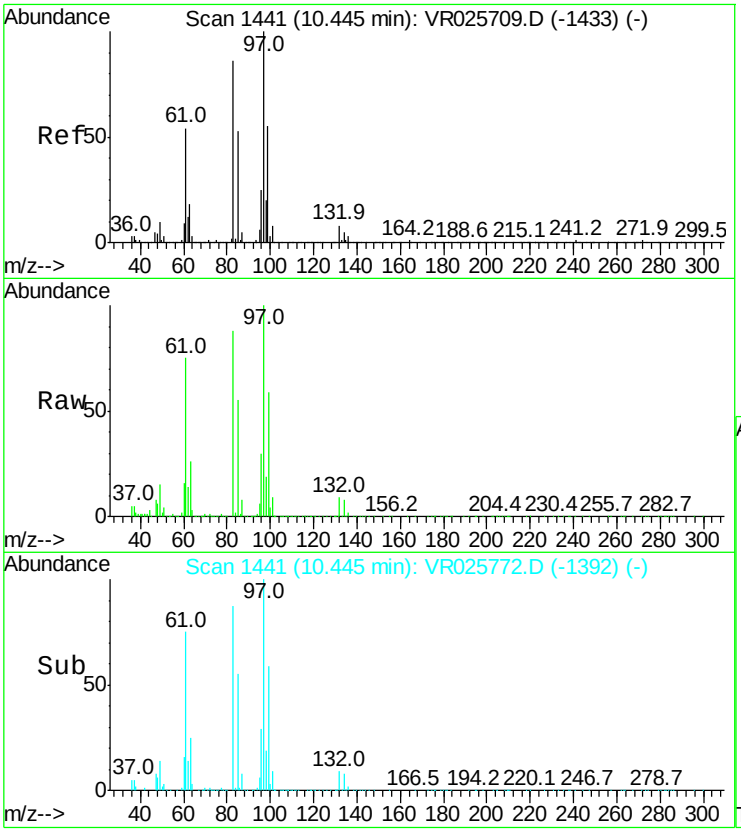


#44
trans-1,3-Dichloropropene
Concen: 9.285 ug/L
RT: 10.26 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 75 Resp: 260176

Ion	Ratio	Lower	Upper
75	100		
77	32.3	20.7	38.5



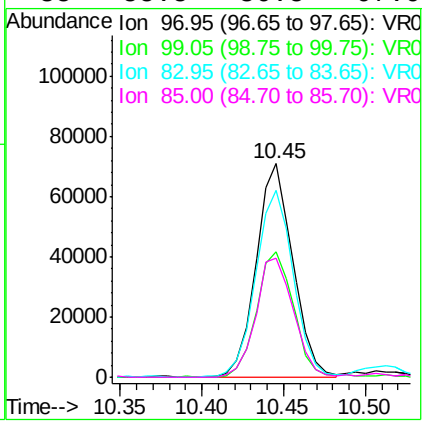


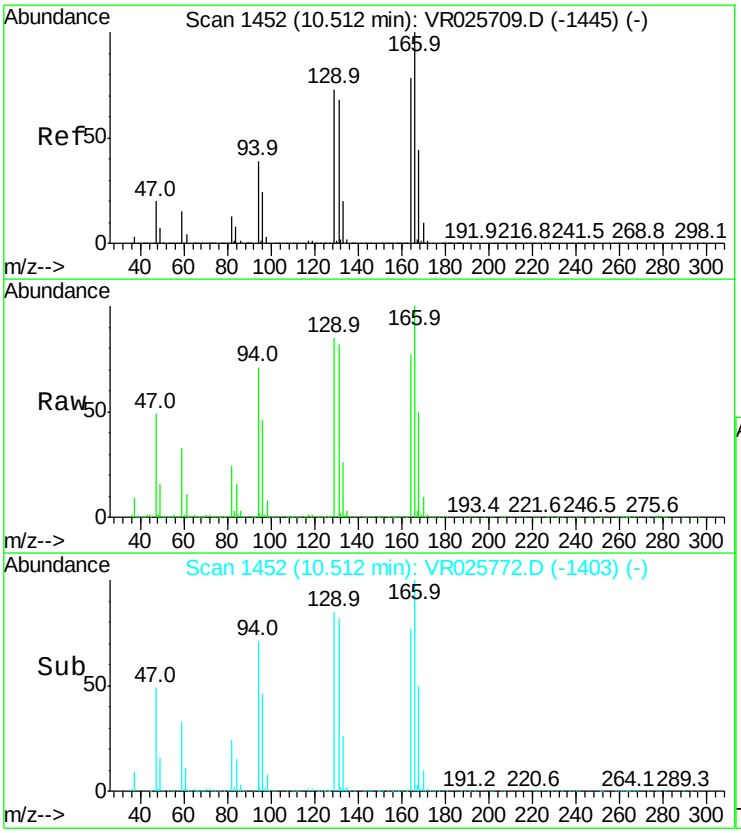
#45
1,1,2-Trichloroethane
Concen: 6.053 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 97 Resp: 110459

Ion	Ratio	Lower	Upper
97	100		
99	58.8	41.3	76.7
83	87.6	55.4	102.8
85	55.5	36.5	67.9

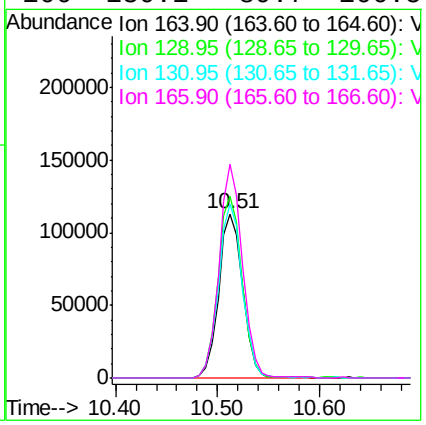


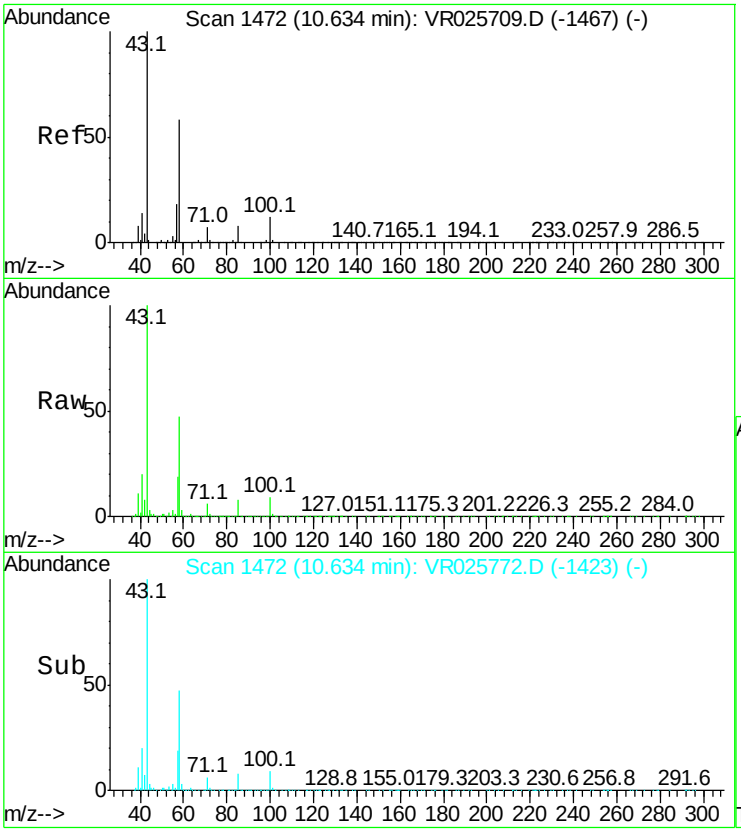


#47
Tetrachloroethene
Concen: 5.390 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:164 Resp: 184857

Ion	Ratio	Lower	Upper
164	100		
129	110.7	65.6	121.8
131	106.2	62.2	115.4
166	130.1	89.7	166.5



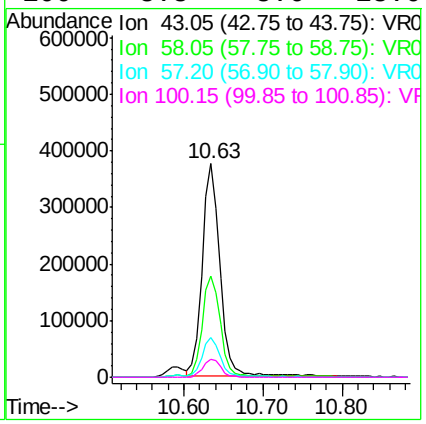


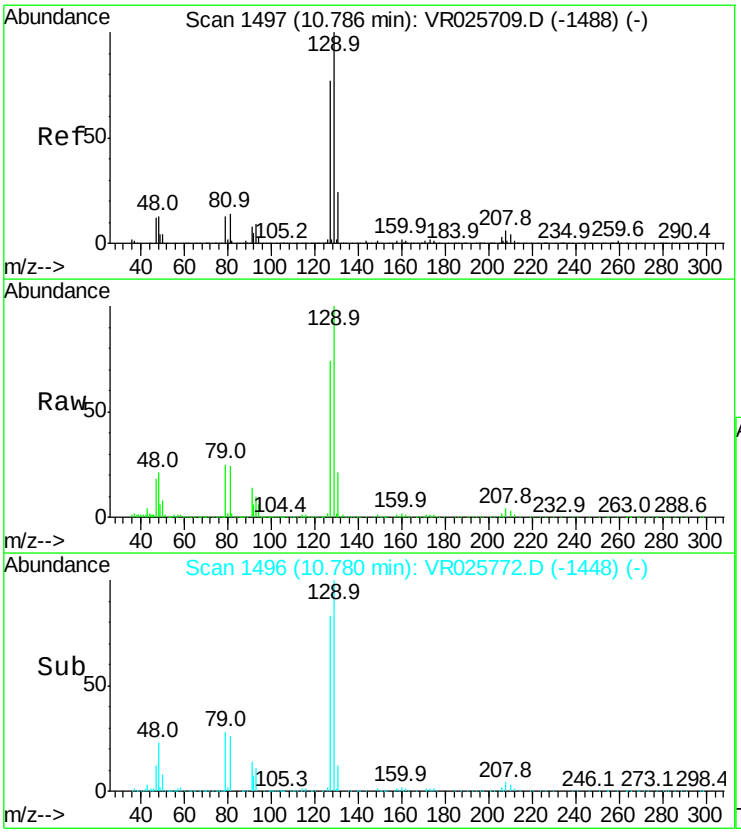
#48
2-Hexanone
Concen: 87.287 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument : MSVOA_R
ClientSampleId : VSTD00511

Tgt Ion: 43 Resp: 589496

Ion	Ratio	Lower	Upper
43	100		
58	49.9	45.8	68.8
57	17.9	14.2	21.2
100	8.8	8.6	13.0

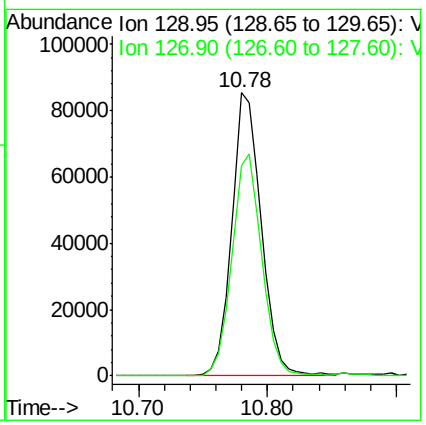


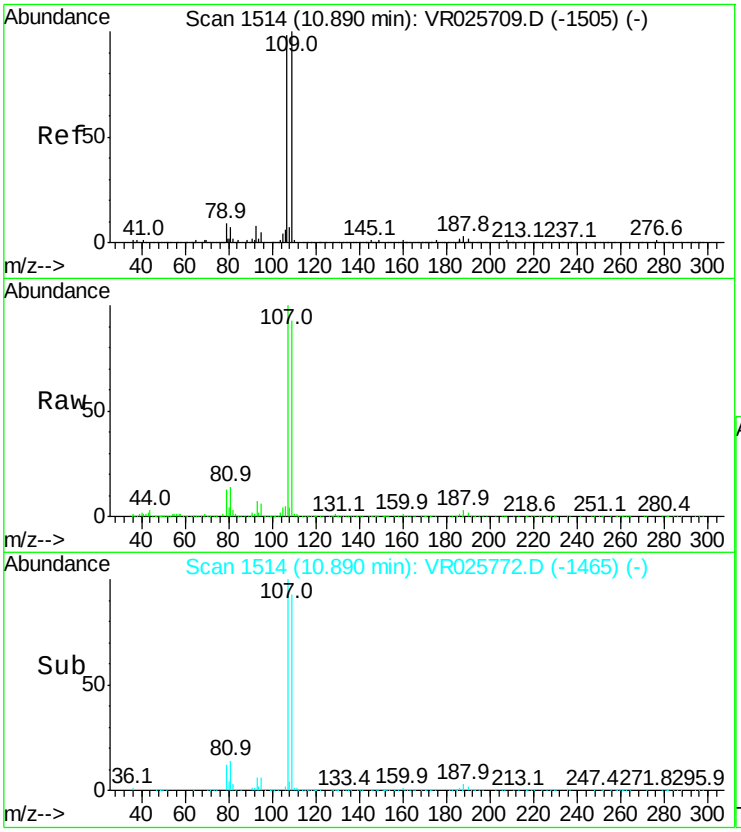


#49
Dibromochloromethane
Concen: 6.932 ug/L
RT: 10.78 min Scan# 1496
Delta R.T. -0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:129 Resp: 134743

Ion	Ratio	Lower	Upper
129	100		
127	74.2	54.1	100.5



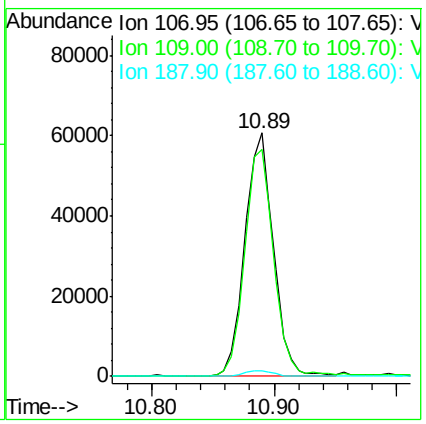


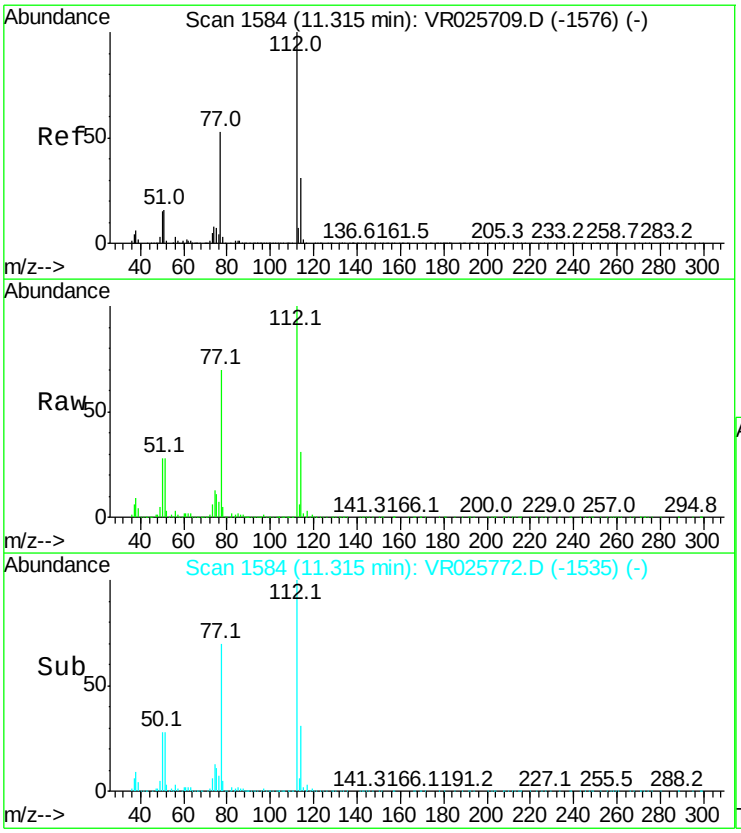
#50
1,2-Dibromoethane
Concen: 6.802 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion:107 Resp: 98599

Ion	Ratio	Lower	Upper
107	100		
109	93.3	71.3	132.5
188	2.5	3.4	5.0#

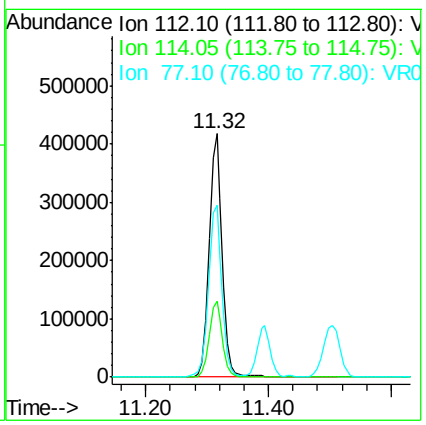


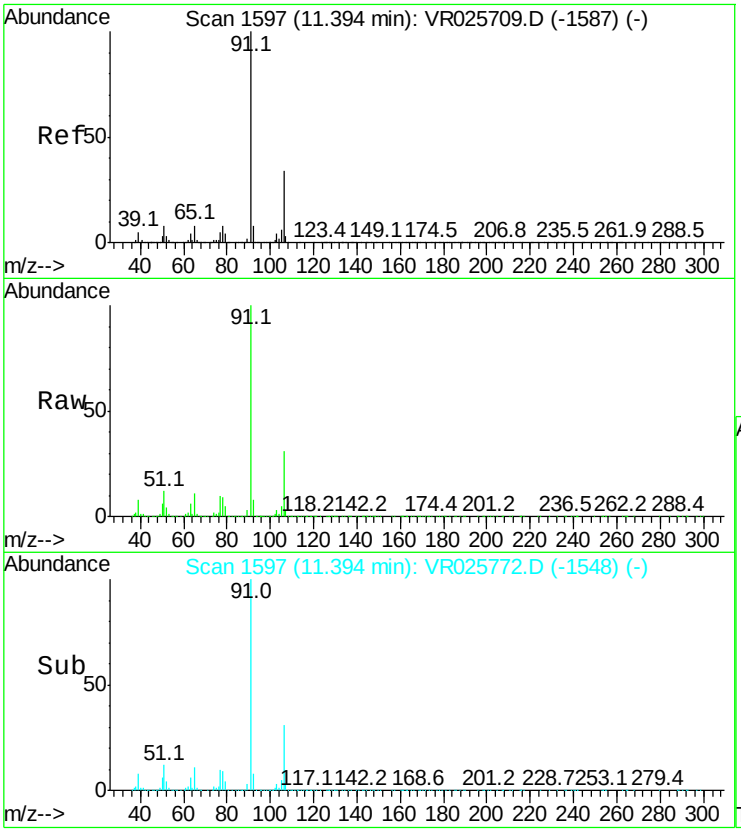


#51
Chlorobenzene
Concen: 5.724 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:112 Resp: 636408

Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.8	40.6
77	70.4	42.4	63.6#



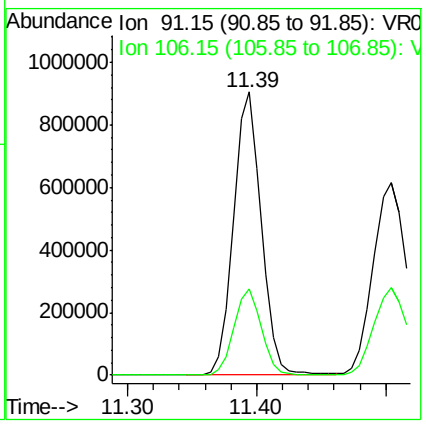


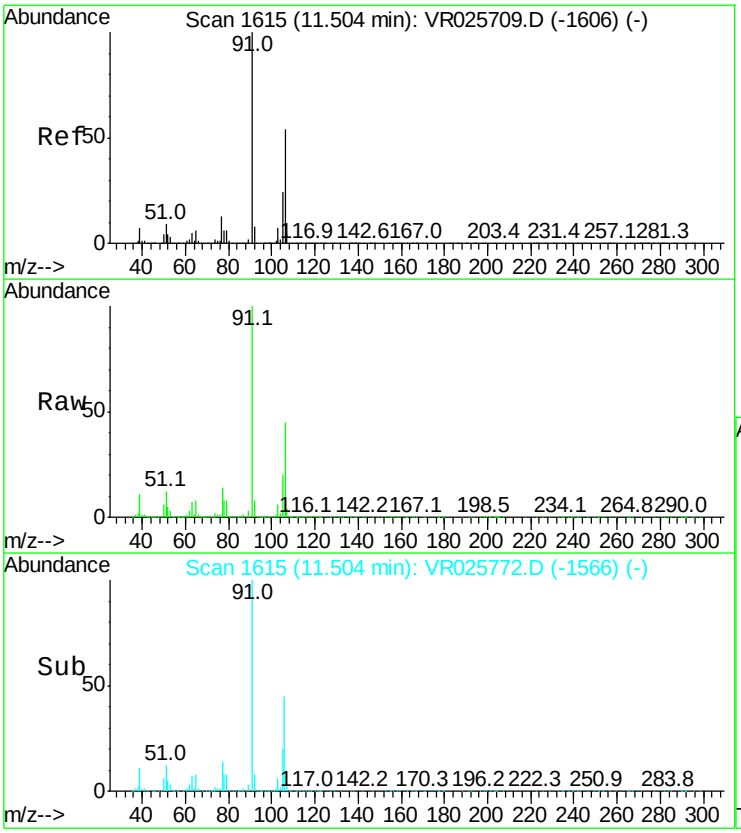
#52
Ethylbenzene
Concen: 7.084 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion: 91 Resp: 1349998

Ion	Ratio	Lower	Upper
91	100		
106	30.6	22.7	42.3

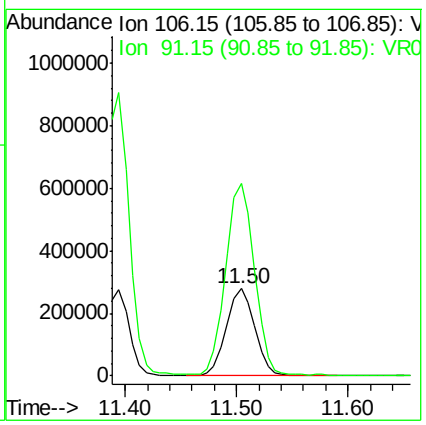


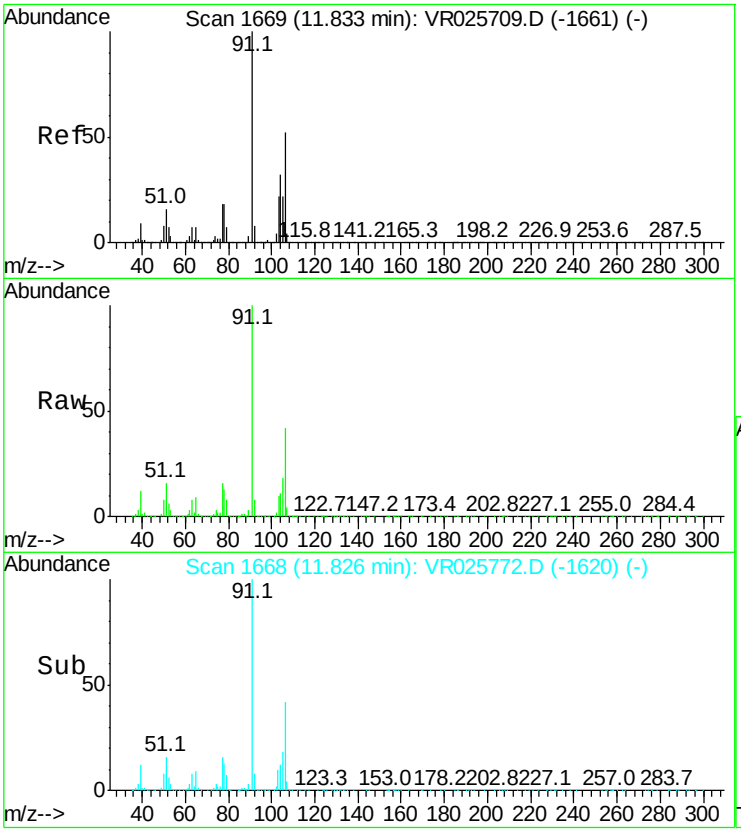


#53
m,p-Xylene
Concen: 6.415 ug/L
RT: 11.50 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:106 Resp: 491961

Ion	Ratio	Lower	Upper
106	100		
91	220.4	128.7	238.9



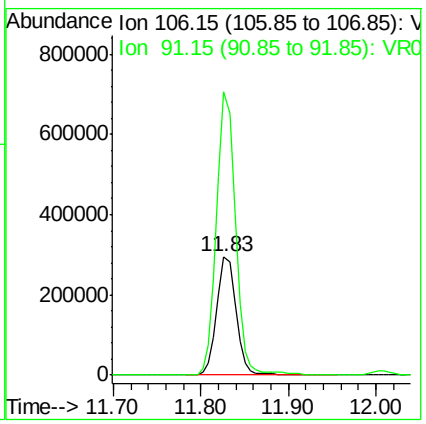


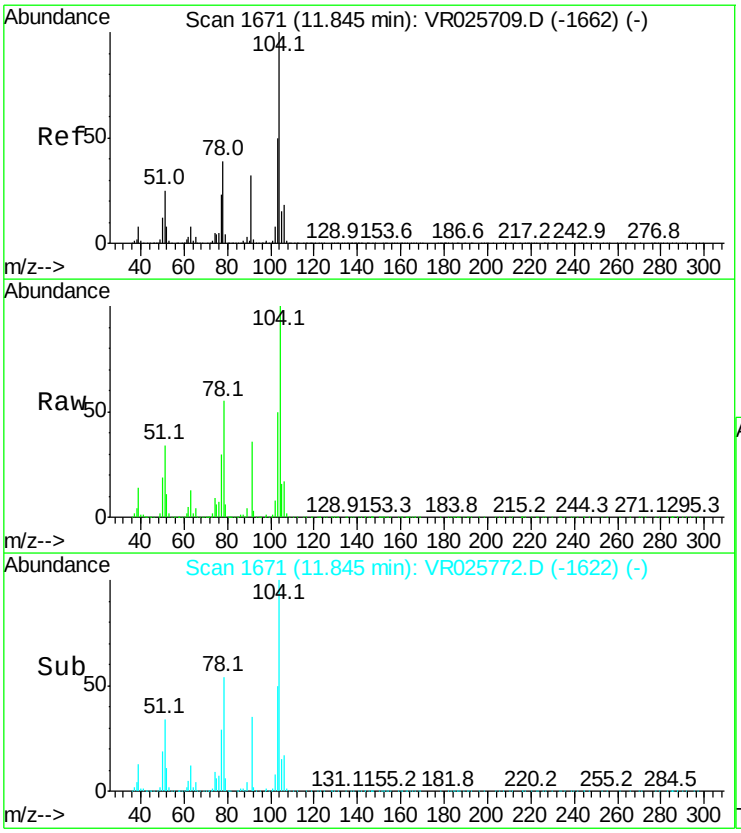
#54
o-Xylene
Concen: 6.723 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion:106 Resp: 454252

Ion	Ratio	Lower	Upper
106	100		
91	238.7	139.2	258.6

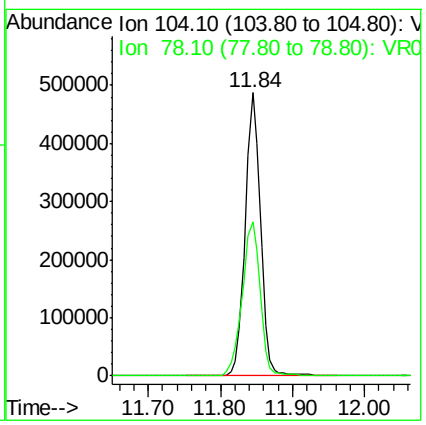


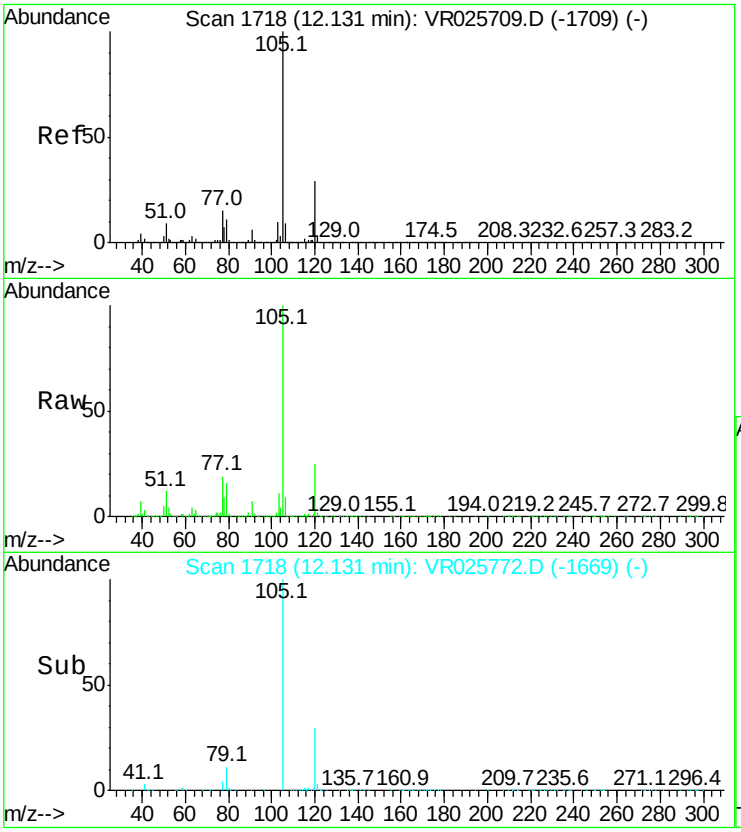


#55
Styrene
Concen: 6.587 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:104 Resp: 716627

Ion	Ratio	Lower	Upper
104	100		
78	54.5	27.6	51.2#



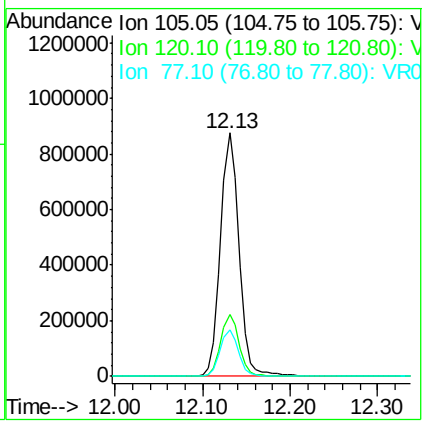


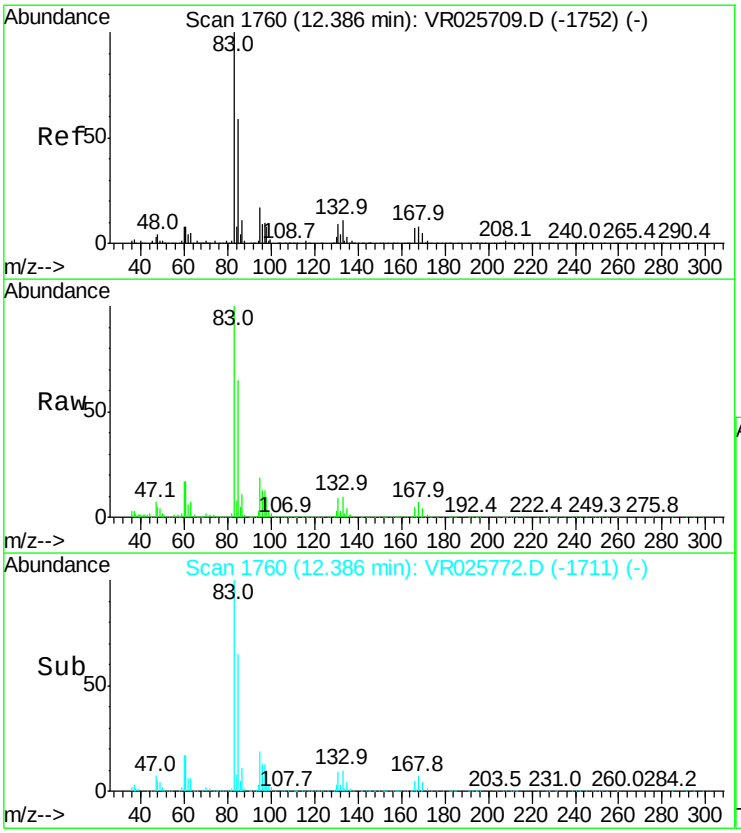
#56
Isopropylbenzene
Concen: 7.618 ug/L
RT: 12.13 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion:105 Resp: 1282566

Ion	Ratio	Lower	Upper
105	100		
120	25.1	22.8	34.2
77	19.1	11.8	17.8#

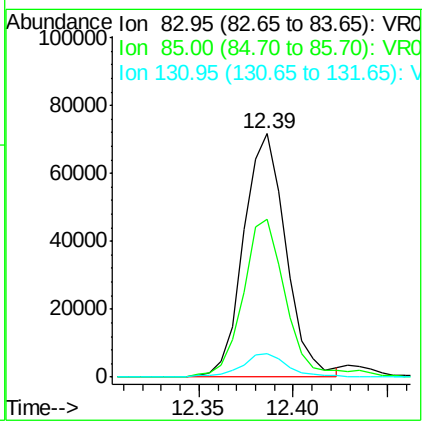


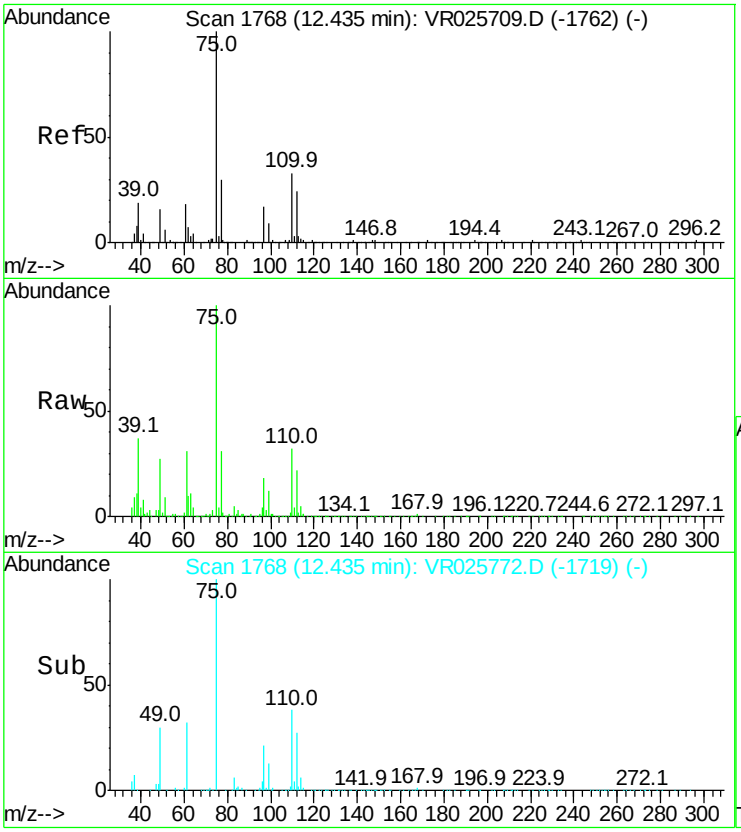


#58
1,1,2,2-Tetrachloroethane
Concen: 6.278 ug/L
RT: 12.39 min Scan# 1760
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 83 Resp: 111582

Ion	Ratio	Lower	Upper
83	100		
85	64.9	47.9	88.9
131	9.4	8.2	12.4



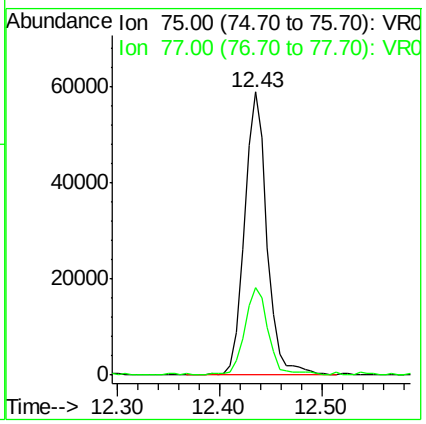


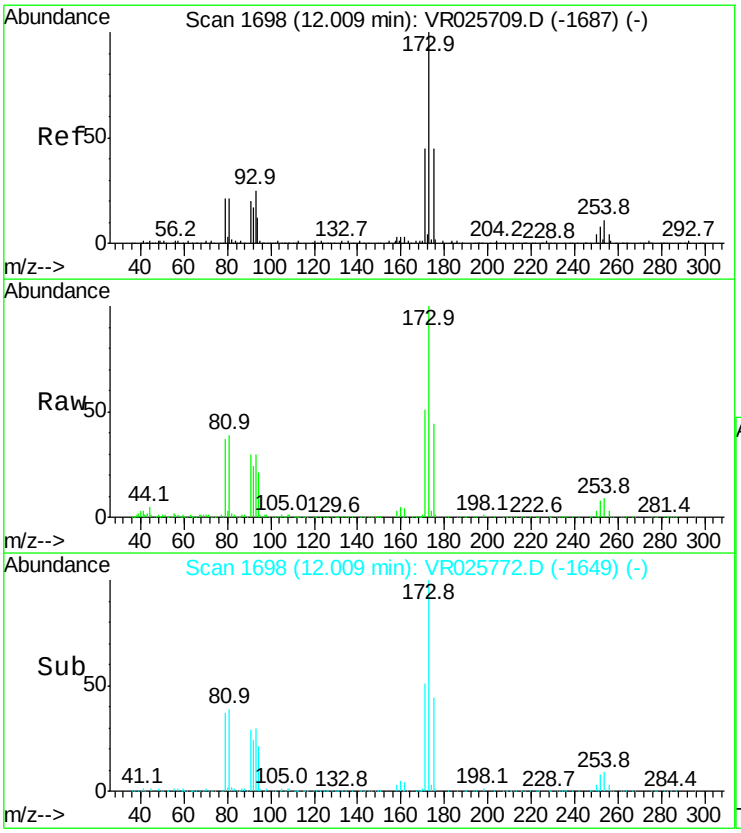
#59
1,2,3-Trichloropropane
Concen: 7.527 ug/L
RT: 12.43 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument : MSVOA_R
ClientSampleId : VSTD00511

Tgt Ion: 75 Resp: 89976

Ion	Ratio	Lower	Upper
75	100		
77	32.0	27.8	41.8

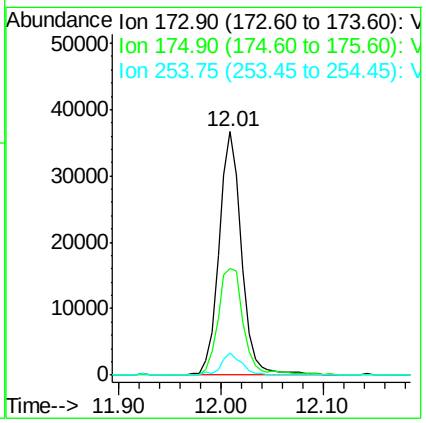


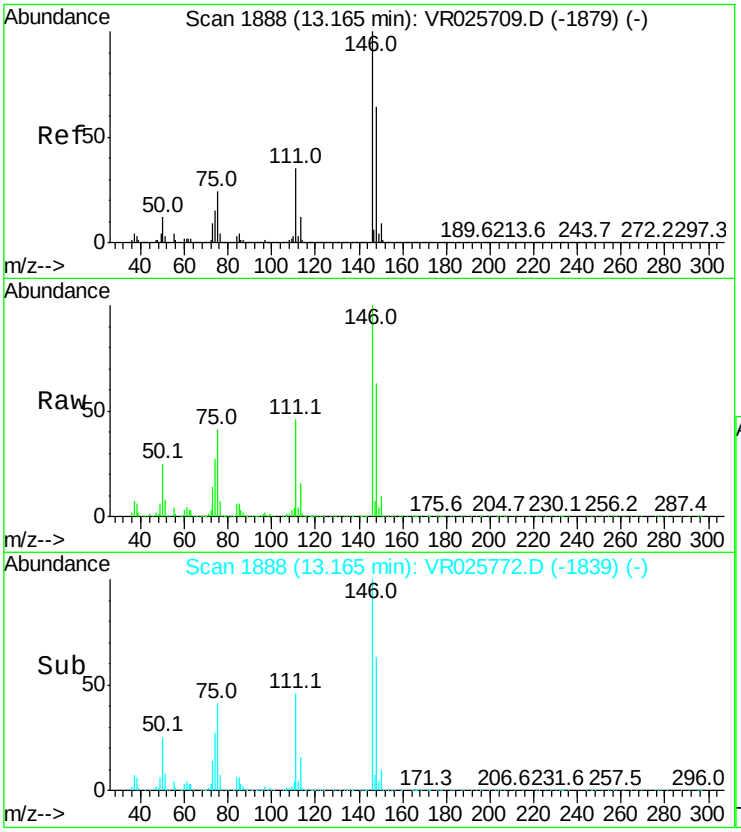


#61
Bromoform
Concen: 6.855 ug/L
RT: 12.01 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:173 Resp: 56374

Ion	Ratio	Lower	Upper
173	100		
175	49.9	41.9	62.9
254	8.2	7.3	10.9



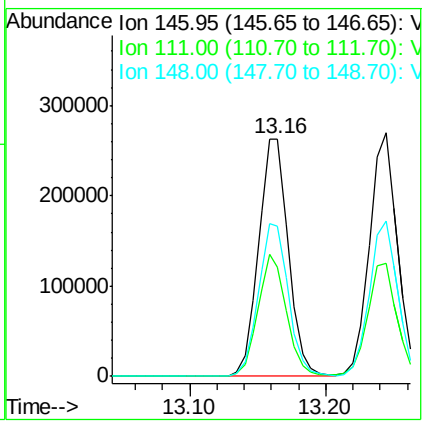


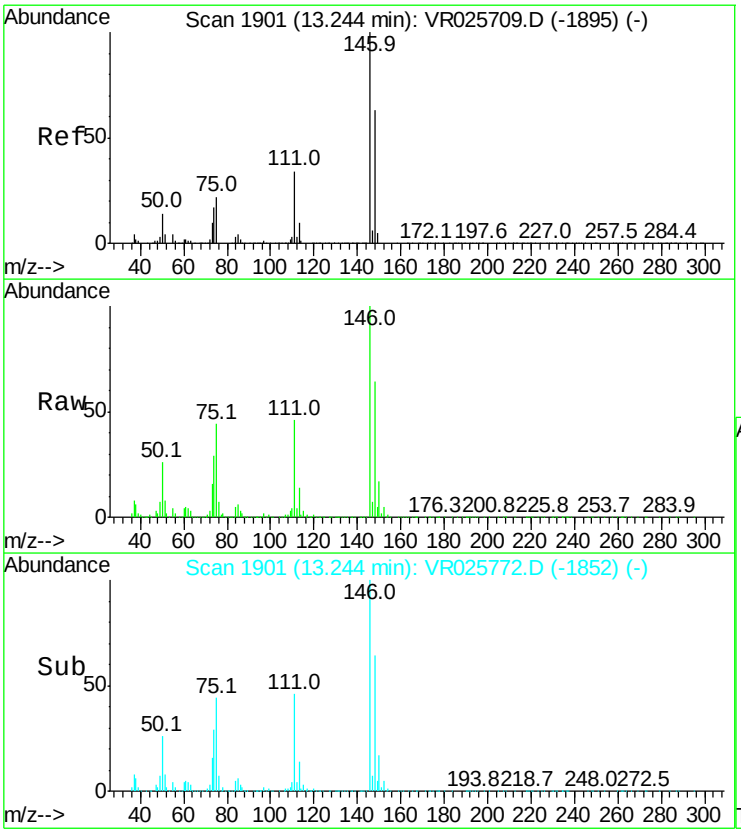
#62
1,3-Dichlorobenzene
Concen: 6.748 ug/L
RT: 13.16 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument : MSVOA_R
ClientSampleId : VSTD00511

Tgt Ion:146 Resp: 405115

Ion	Ratio	Lower	Upper
146	100		
111	45.8	25.4	47.2
148	63.3	46.9	87.1

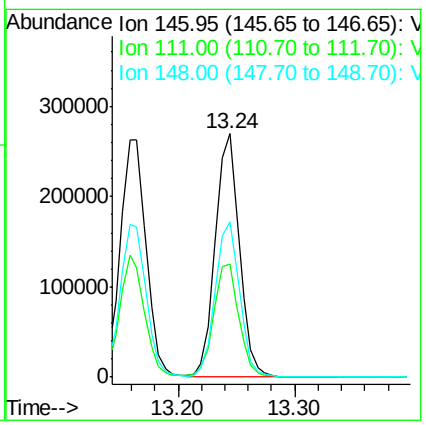


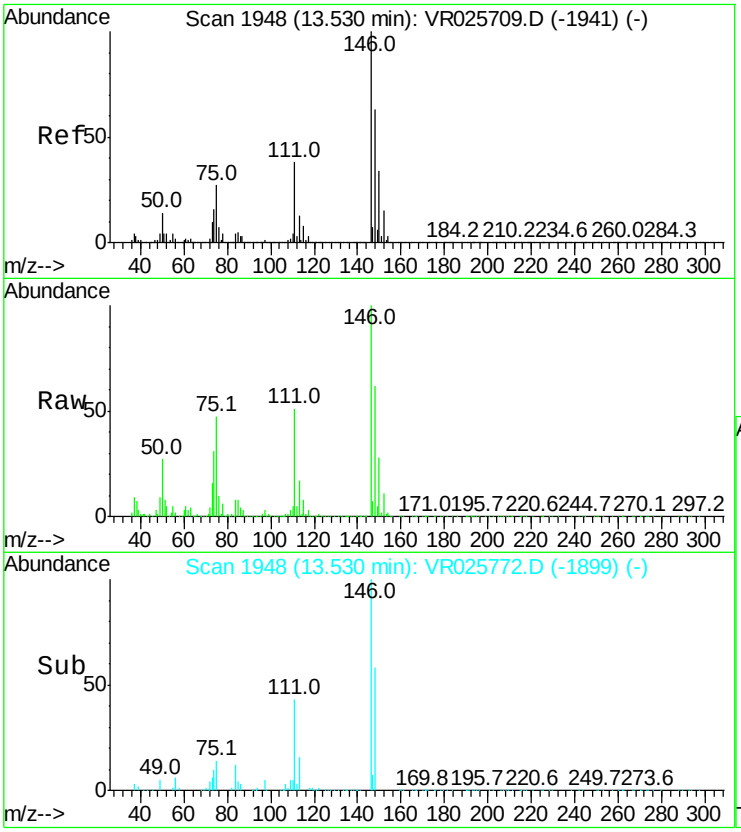


#63
1,4-Dichlorobenzene
Concen: 5.639 ug/L
RT: 13.24 min Scan# 1901
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:146 Resp: 385052

Ion	Ratio	Lower	Upper
146	100		
111	46.2	26.2	48.6
148	63.7	42.7	79.3



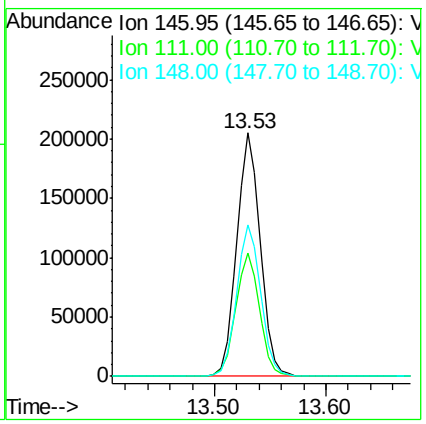


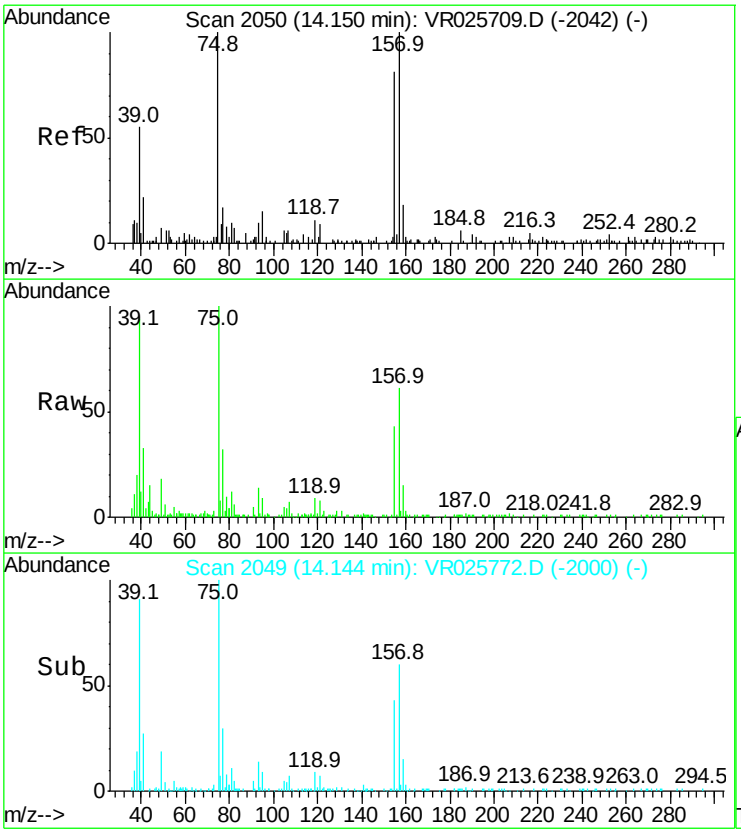
#65
1,2-Dichlorobenzene
Concen: 5.772 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion:146 Resp: 298951

Ion	Ratio	Lower	Upper
146	100		
111	50.6	35.2	52.8
148	62.1	52.1	78.1

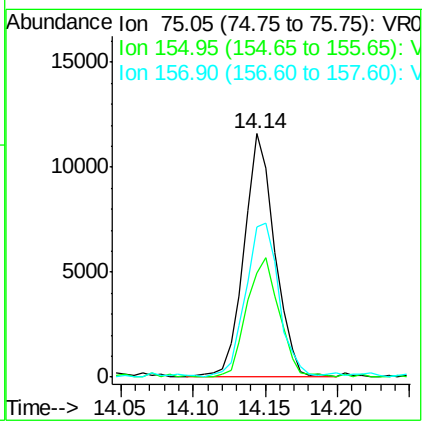


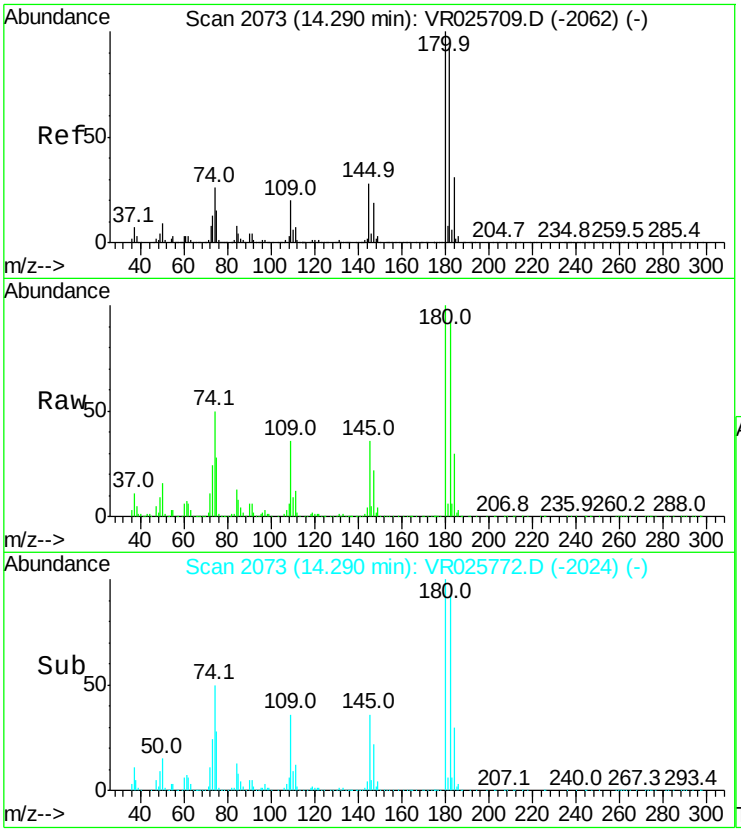


#66
1,2-Dibromo-3-chloropropane
Concen: 11.216 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion: 75 Resp: 17083

Ion	Ratio	Lower	Upper
75	100		
155	42.6	79.3	118.9#
157	61.4	81.4	122.2#



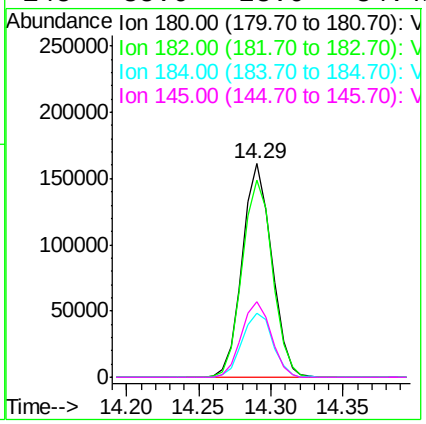


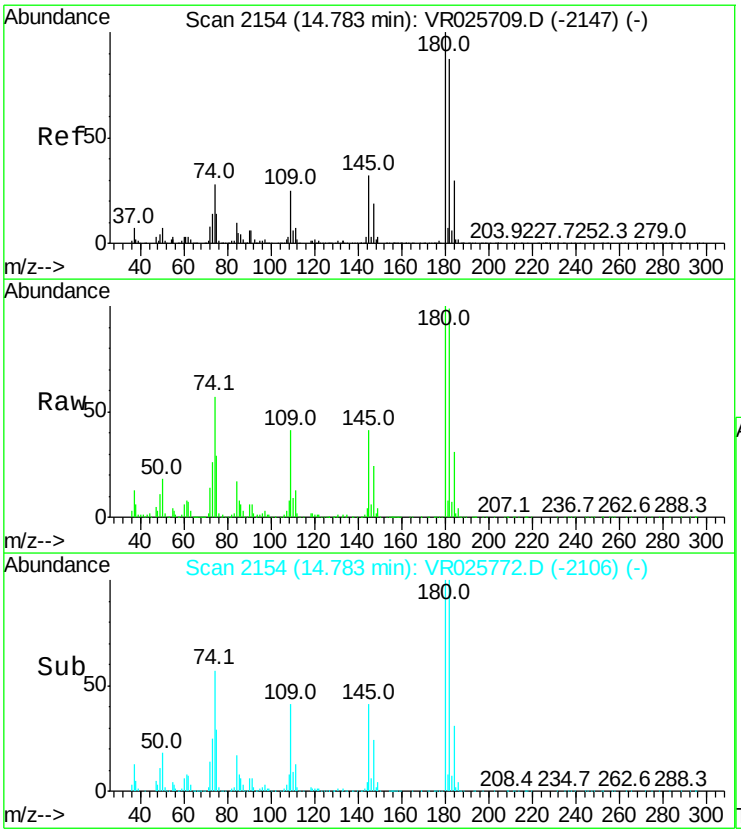
#67
1,3,5-Trichlorobenzene
Concen: 6.389 ug/L
RT: 14.29 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument :
MSVOA_R
ClientSampleId :
VSTD00511

Tgt Ion:180 Resp: 228042

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.9	113.9
184	31.0	24.0	36.0
145	35.6	23.0	34.4#

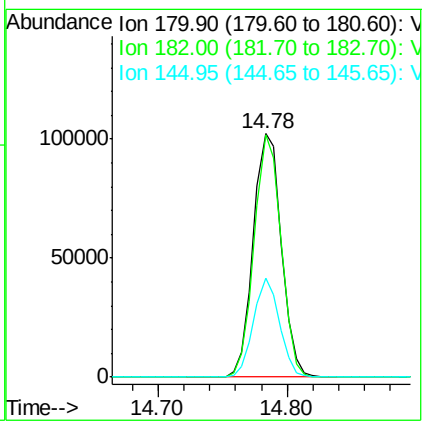


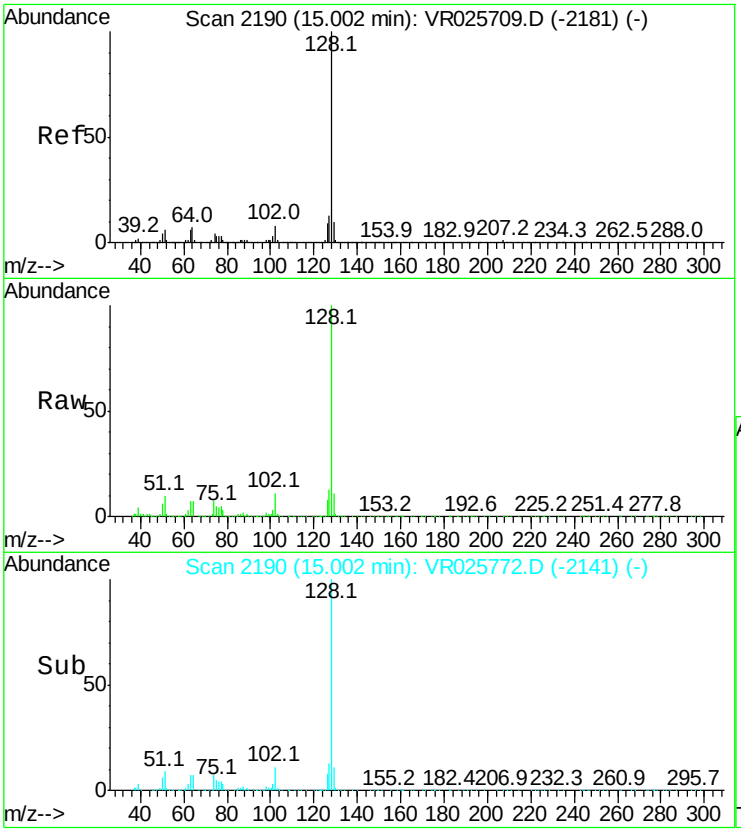


#68
1,2,4-trichlorobenzene
Concen: 6.961 ug/L
RT: 14.78 min Scan# 2154
Delta R.T. -0.01 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:180 Resp: 152394

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	115.0
145	37.7	24.8	37.2#



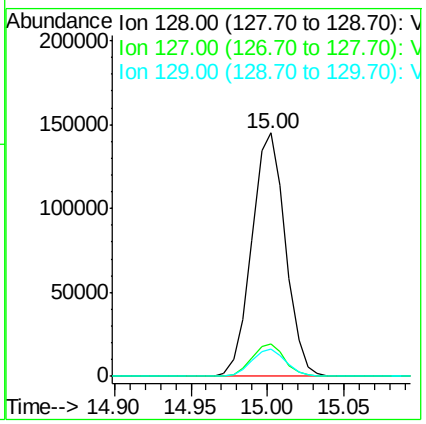


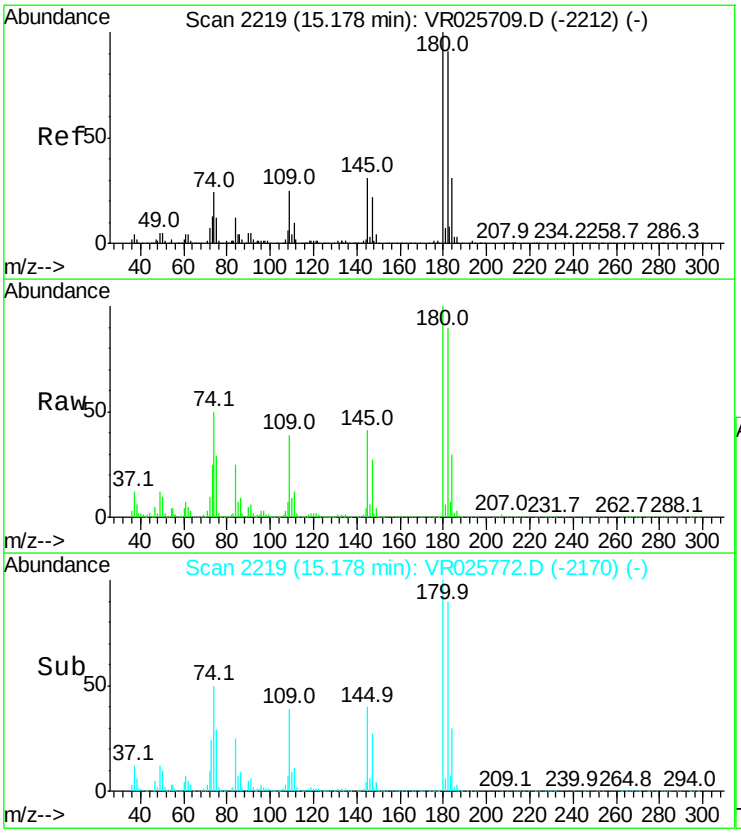
#69
Naphthalene
Concen: 9.055 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Instrument : MSVOA_R
ClientSampleId : VSTD00511

Tgt Ion:128 Resp: 221776

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.4	9.0	13.6





#70
1,2,3-Trichlorobenzene
Concen: 6.006 ug/L
RT: 15.18 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VR025772.D
Acq: 20 Sep 2018 12:00

Tgt Ion:180 Resp: 104085

Ion	Ratio	Lower	Upper
180	100		
182	94.6	80.2	120.4
145	39.8	25.8	38.6#