Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110918\

Quantitation Report (Not Reviewed)

Data File : VR026215.D
Acq On : 9 Nov 2018 11:13
Operator : SY/MD
Sample : VSTD0.581
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Quant Time: Nov 09 13:39:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 09 13:36:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	559802	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	469164	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	158259	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	24497	0.50	ug/L		0.00
7) Chloroethane-d5	2.62	69	21826	0.52	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.61	63	63703	0.53	ug/L		0.00
20) 2-Butanone-d5	6.59	46	15432	3.84	ug/L		0.01
24) Chloroform-d	7.20	84	39661	0.51	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.88	65	14848	0.46	ug/L		0.00
32) Benzene-d6	7.85	84	65250	0.43	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	18589	0.48	ug/L		0.00
41) Toluene-d8	9.97	98	55299	0.39	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	4305	0.42	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	8957	3.04	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	8158	0.53	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	11585	0.46	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	19593	0.521	ug/L		98
3) Chloromethane	2.01	50	37344	0.625	ug/L		98
5) Vinyl chloride	2.15	62	37709	0.634	ug/L		100
6) Bromomethane	2.52	94	23758	0.605	ug/L		98
8) Chloroethane	2.65	64	23761	0.645	ug/L		98
9) Trichlorofluoromethane	2.93	101	21702	0.253	ug/L	#	49
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	13005	0.254	ug/L	#	40
12) 1,1-Dichloroethene	3.62	96	33726	0.620	ug/L		97
13) Acetone	3.70	43	19420	4.670	ug/L		94
14) Carbon disulfide	3.93	76	82229	0.578	ug/L	#	92
15) Methyl Acetate	4.19	43	5404	0.498	ug/L	#	84
16) Methylene chloride	4.40	84	28655	0.580	ug/L		91
17) Methyl tert-butyl Ether	4.88	73	24726	0.500	ug/L	#	84
18) trans-1,2-Dichloroethene	4.88	96	24343	0.591	ug/L		97
19) 1,1-Dichloroethane	5.68	63	45095	0.583	ug/L		94
21) 2-Butanone	6.69	43	20005	4.170	ug/L		96
22) cis-1,2-Dichloroethene	6.68	96	17725	0.455	ug/L	#	94
23) Bromochloromethane	7.04	128	6706	0.614	ug/L	#	93
25) Chloroform	7.23	83	42137	0.559	ug/L		98
27) 1,2-Dichloroethane	7.99	62	20476	0.555	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	35770	0.558	ug/L		96
30) Cyclohexane	7.51	56	22231	0.345	ug/L	#	93
31) Carbon tetrachloride	7.64	117	30861	0.529	ug/L		100
33) Benzene	7.91	78	86263	0.490	ug/L		100
34) Trichloroethene	8.71	95	22561	0.501	ug/L		92
35) Methylcyclohexane	8.95	83	23935	0.357	ug/L		95
37) 1,2-Dichloropropane	8.99	63	19027	0.512	ug/L	#	90
38) Bromodichloromethane	9.28	83	20984	0.525	ug/L	#	99
39) cis-1,3-Dichloropropene	9.72	75	18306	0.431	ug/L		91
40) 4-Methyl-2-pentanone	9.87	43	43312	3.818	ug/L		94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110918\

Quantitation Report (Not Reviewed)

Data File : VR026215.D
Acq On : 9 Nov 2018 11:13
Operator : SY/MD
Sample : VSTD0.581
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Quant Time: Nov 09 13:39:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 09 13:36:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	84102	0.453	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	11185	0.377	ug/L		88
45) 1,1,2-Trichloroethane	10.45	97	8411	0.537	ug/L	#	92
47) Tetrachloroethene	10.51	164	14733	0.458	ug/L		93
48) 2-Hexanone	10.63	43	30922	4.174	ug/L	#	89
49) Dibromochloromethane	10.79	129	9727	0.552	ug/L		79
50) 1,2-Dibromoethane	10.89	107	6730	0.497	ug/L	#	70
51) Chlorobenzene	11.32	112	52470	0.510	ug/L		99
52) Ethylbenzene	11.39	91	97093	0.454	ug/L		96
53) m,p-Xylene	11.50	106	31091	0.399	ug/L		94
54) o-Xylene	11.83	106	27003	0.378	ug/L		95
55) Styrene	11.84	104	43492	0.396	ug/L		95
56) Isopropylbenzene	12.13	105	72947	0.368	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.39	83	8234	0.517	ug/L	#	84
59) 1,2,3-Trichloropropane	12.44	75	6449	0.552	ug/L		89
61) Bromoform	12.00	173	3863	0.702	ug/L		96
62) 1,3-Dichlorobenzene	13.16	146	23219	0.442	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	29404	0.540	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	21215	0.503	ug/L	#	90
66) 1,2-Dibromo-3-chloropropan	14.15	75	900	0.524	ug/L	#	91
67) 1,3,5-Trichlorobenzene	14.29	180	14445	0.451	ug/L		95
68) 1,2,4-trichlorobenzene	14.79	180	7662	0.410	ug/L		98
69) Naphthalene	15.00	128	7039	0.388	ug/L	#	94
70) 1,2,3-Trichlorobenzene	15.18	180	5337	0.411	ug/L		90

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

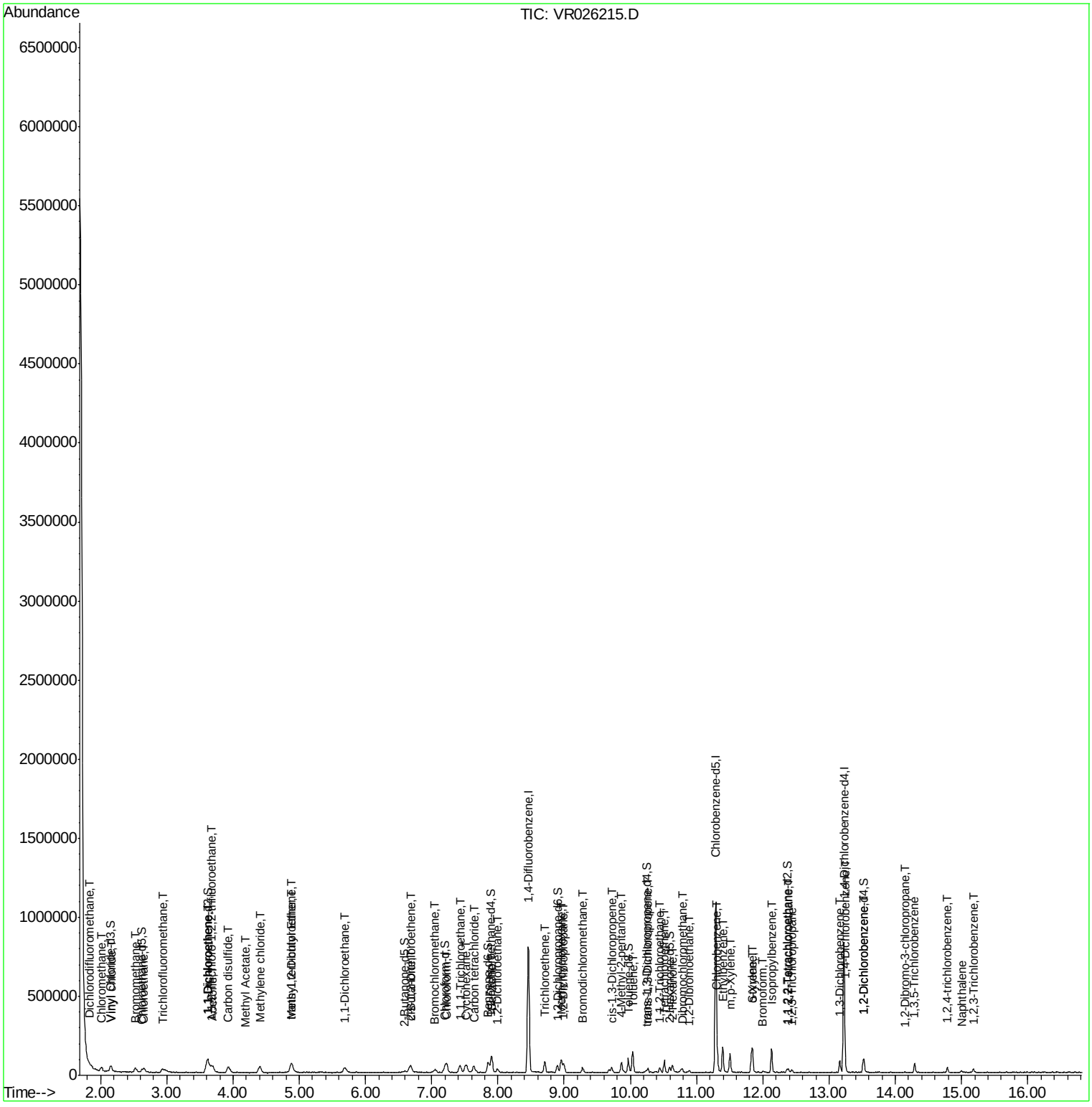
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110918\

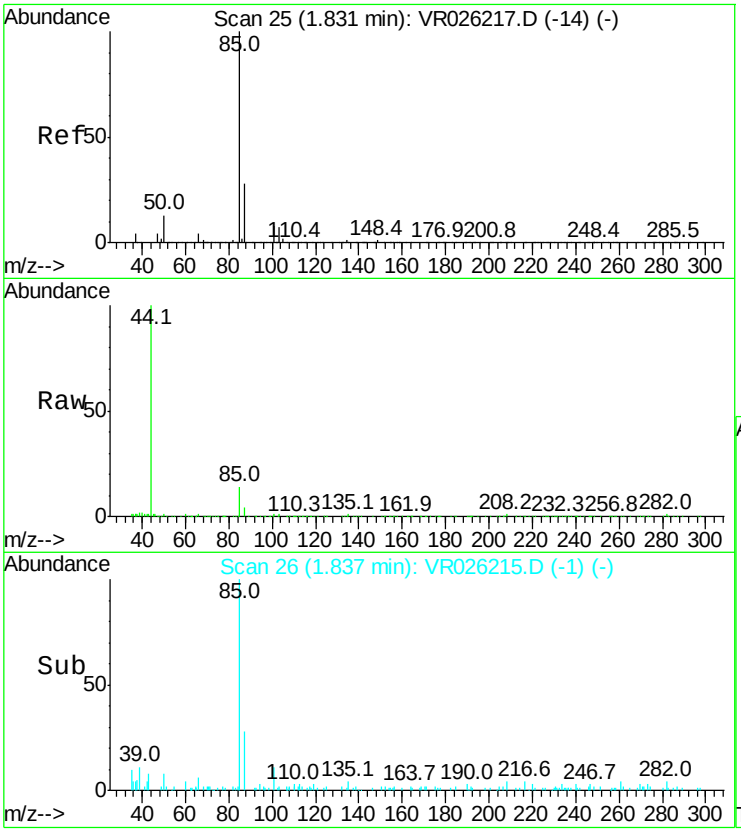
Quantitation Report (Not Reviewed)

Data File : VR026215.D
Acq On : 9 Nov 2018 11:13
Operator : SY/MD
Sample : VSTD0.581
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Quant Time: Nov 09 13:39:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 09 13:36:50 2018
Response via : Initial Calibration



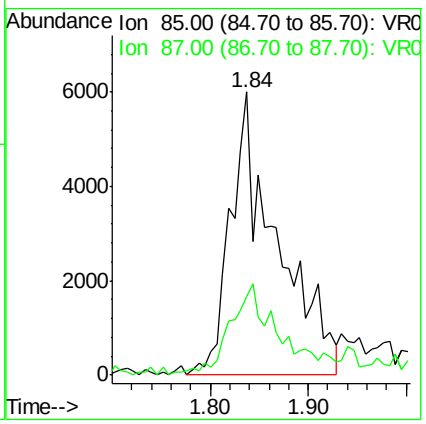


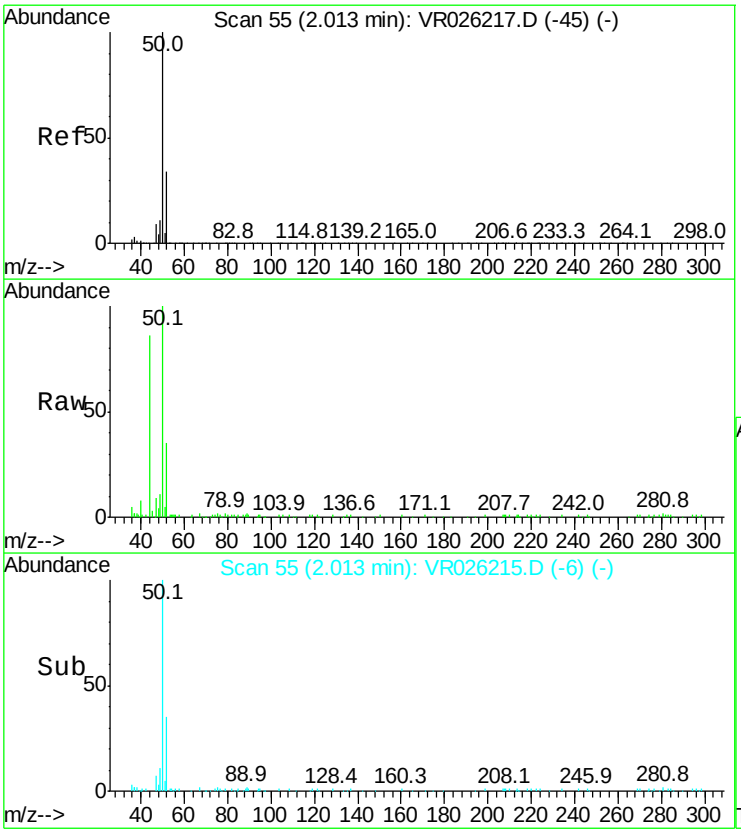
#2
Dichlorodifluoromethane
Concen: 0.521 ug/L
RT: 1.84 min Scan# 26
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 85 Resp: 19593

Ion	Ratio	Lower	Upper
85	100		
87	30.2	23.4	35.2

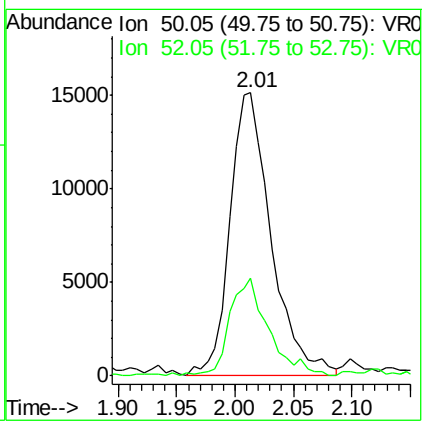


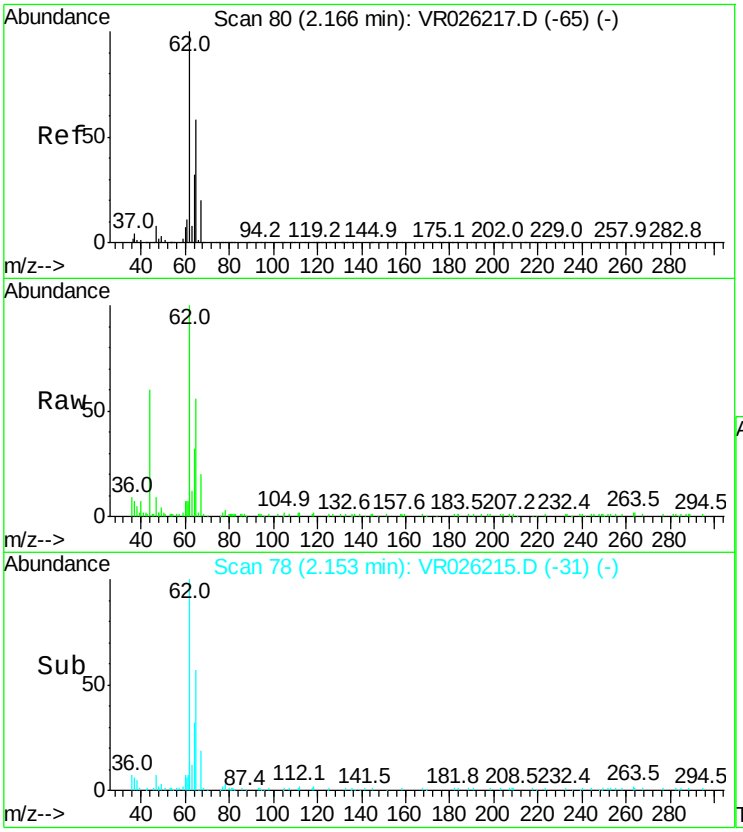


#3
Chloromethane
Concen: 0.625 ug/L
RT: 2.01 min Scan# 55
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 50 Resp: 37344

Ion	Ratio	Lower	Upper
50	100		
52	34.6	23.4	43.6



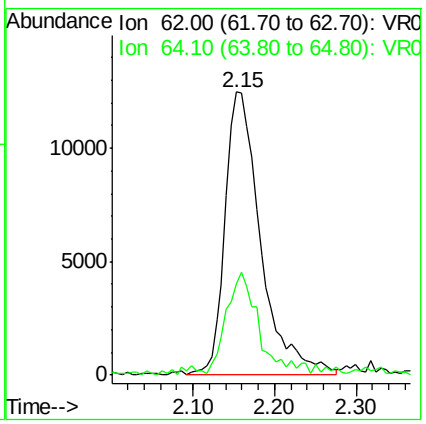


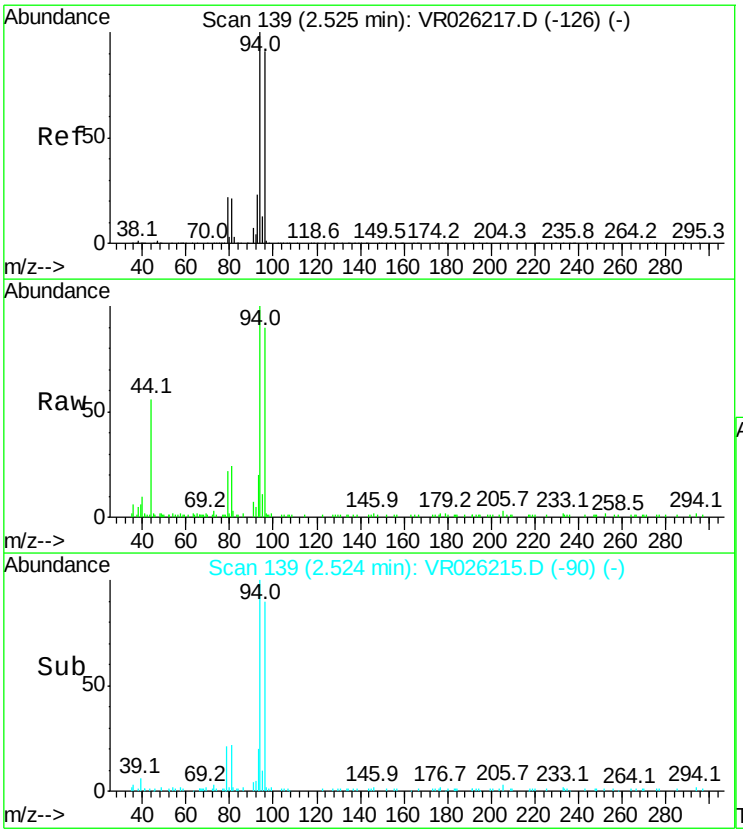
#5
Vinyl chloride
Concen: 0.634 ug/L
RT: 2.15 min Scan# 78
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 62 Resp: 37709

Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.5	41.7

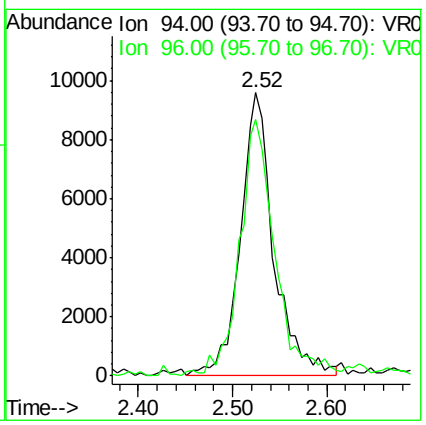


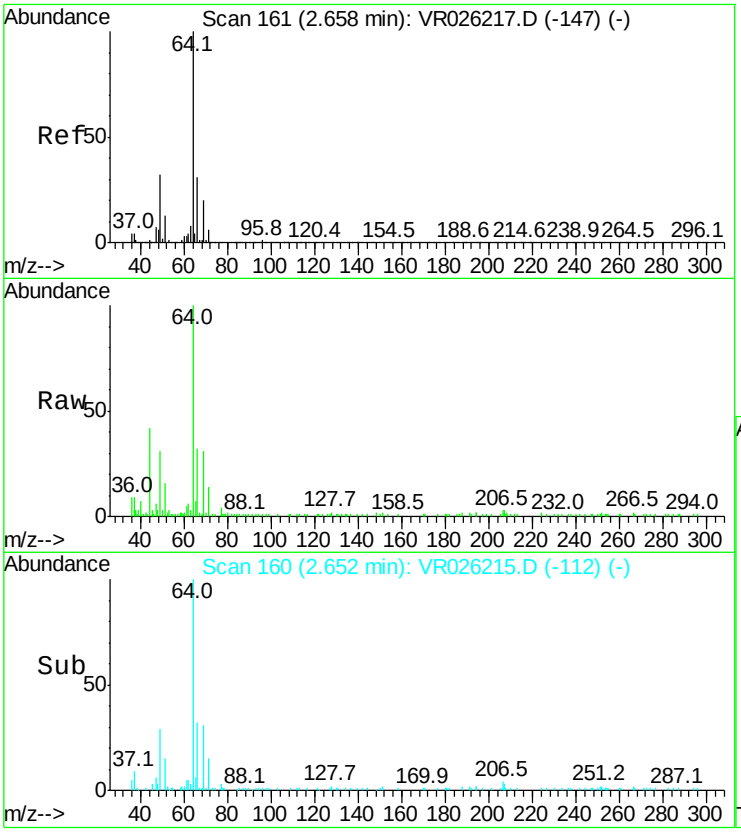


#6
Bromomethane
Concen: 0.605 ug/L
RT: 2.52 min Scan# 139
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 94 Resp: 23758

Ion	Ratio	Lower	Upper
94	100		
96	92.4	63.4	117.8



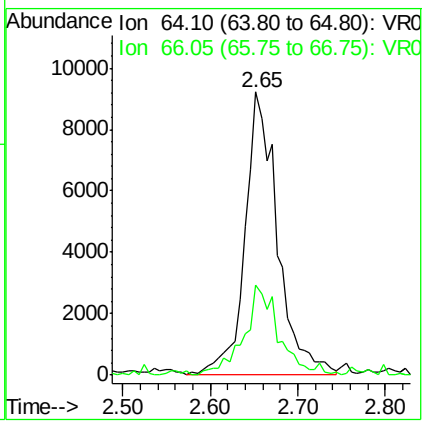


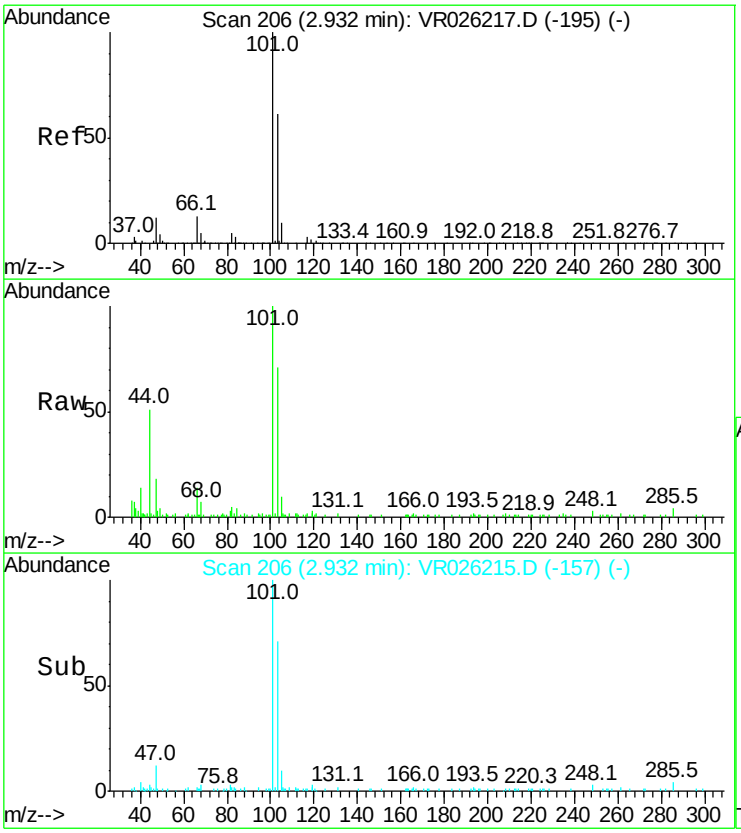
#8
Chloroethane
Concen: 0.645 ug/L
RT: 2.65 min Scan# 160
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 64 Resp: 23761

Ion	Ratio	Lower	Upper
64	100		
66	31.8	21.4	39.8

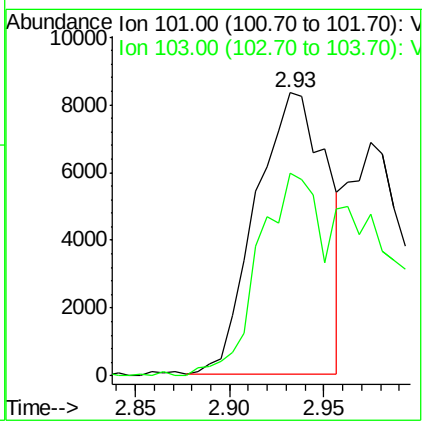


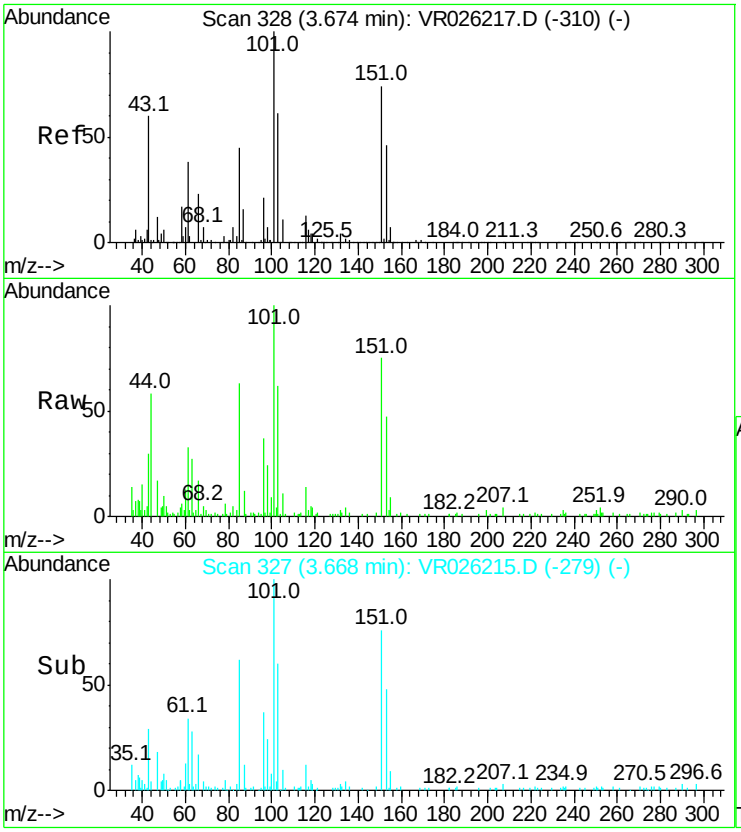


#9
Trichlorofluoromethane
Concen: 0.253 ug/L
RT: 2.93 min Scan# 206
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:101 Resp: 21702

Ion	Ratio	Lower	Upper
101	100		
103	61.1	25.8	38.8#



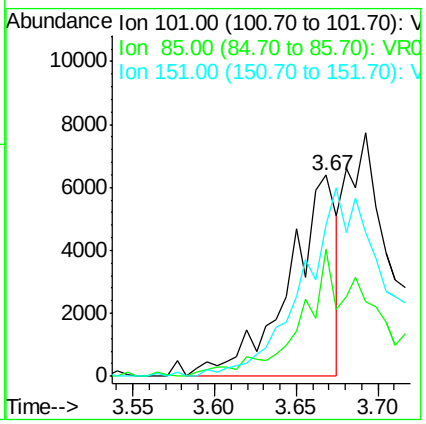


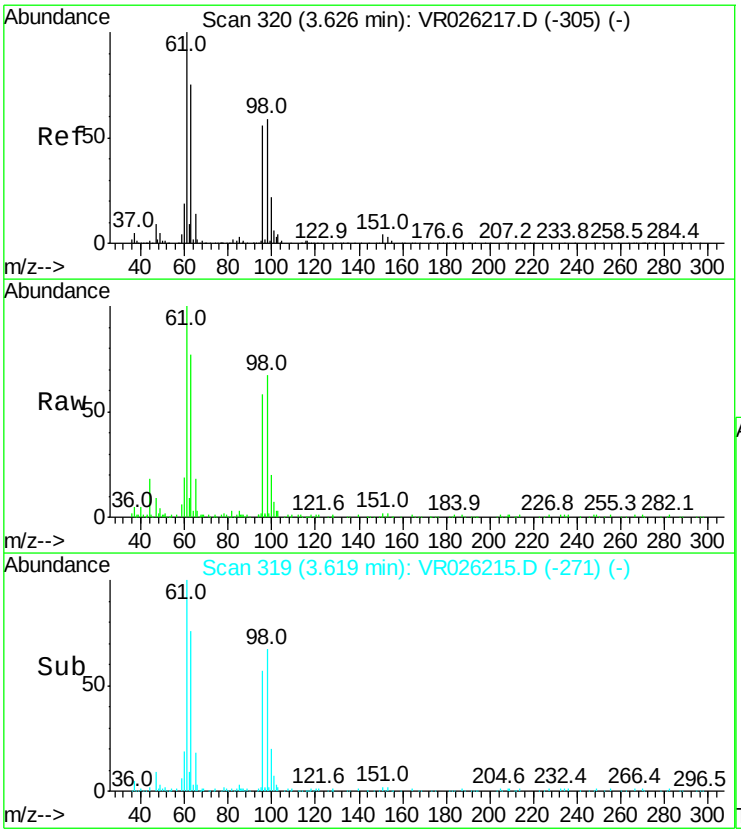
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.254 ug/L
RT: 3.67 min Scan# 327
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion:101 Resp: 13005

Ion	Ratio	Lower	Upper
101	100		
85	53.2	37.9	56.9
151	158.6	63.2	94.8#

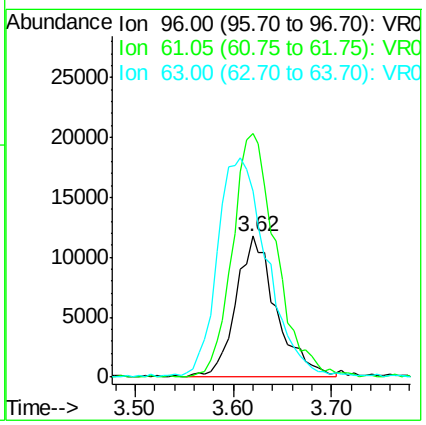


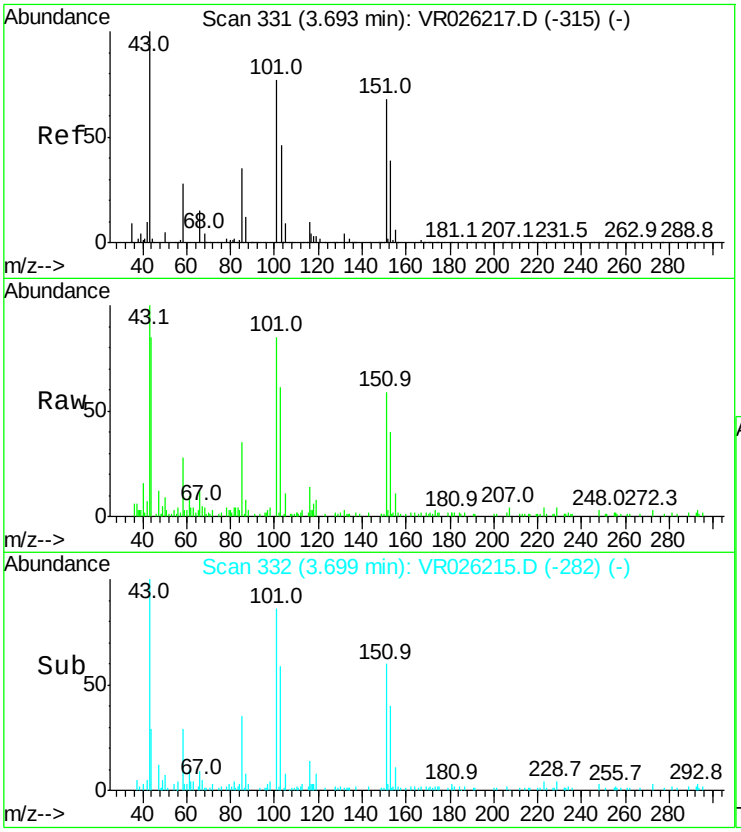


#12
1,1-Dichloroethene
Concen: 0.620 ug/L
RT: 3.62 min Scan# 319
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 96 Resp: 33726

Ion	Ratio	Lower	Upper
96	100		
61	173.0	125.5	233.1
63	132.3	93.7	174.1



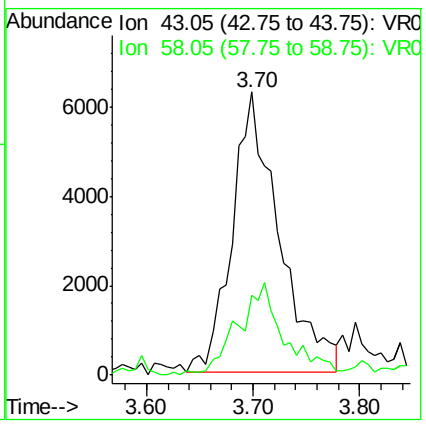


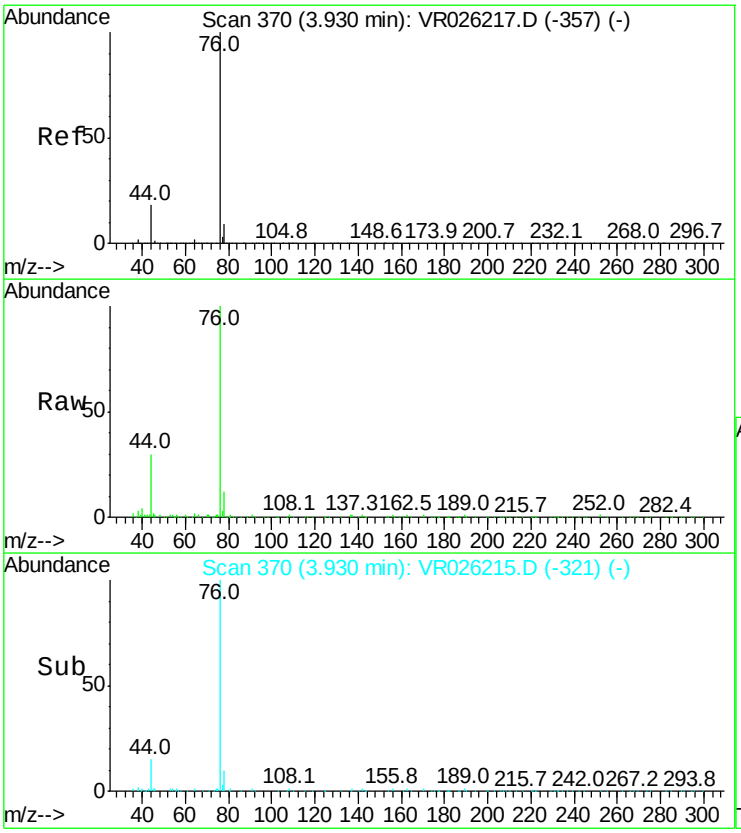
#13
Acetone
Concen: 4.670 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion: 43 Resp: 19420

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	58.6

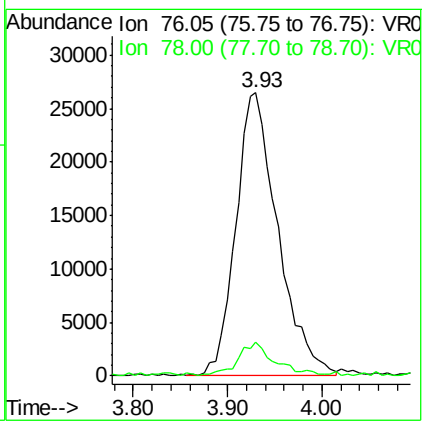


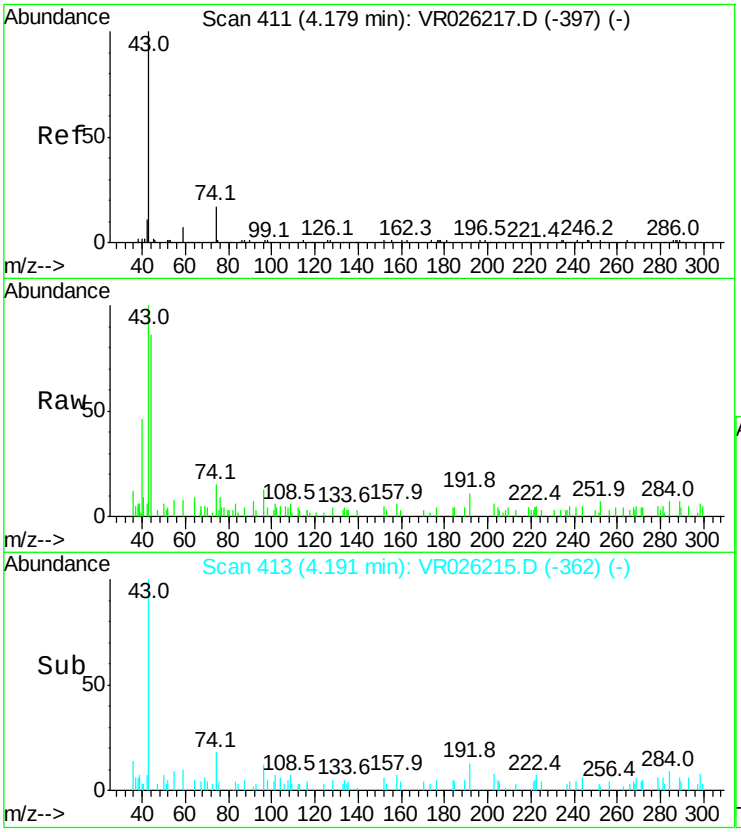


#14
Carbon disulfide
Concen: 0.578 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 76 Resp: 82229

Ion	Ratio	Lower	Upper
76	100		
78	11.8	7.0	10.6#



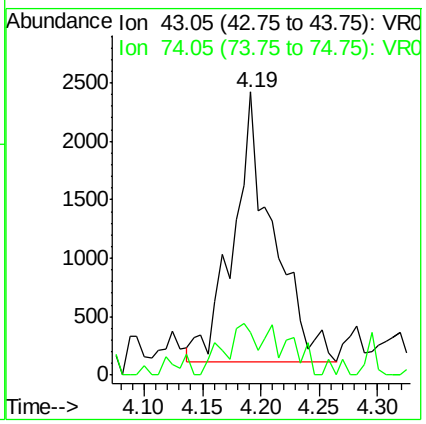


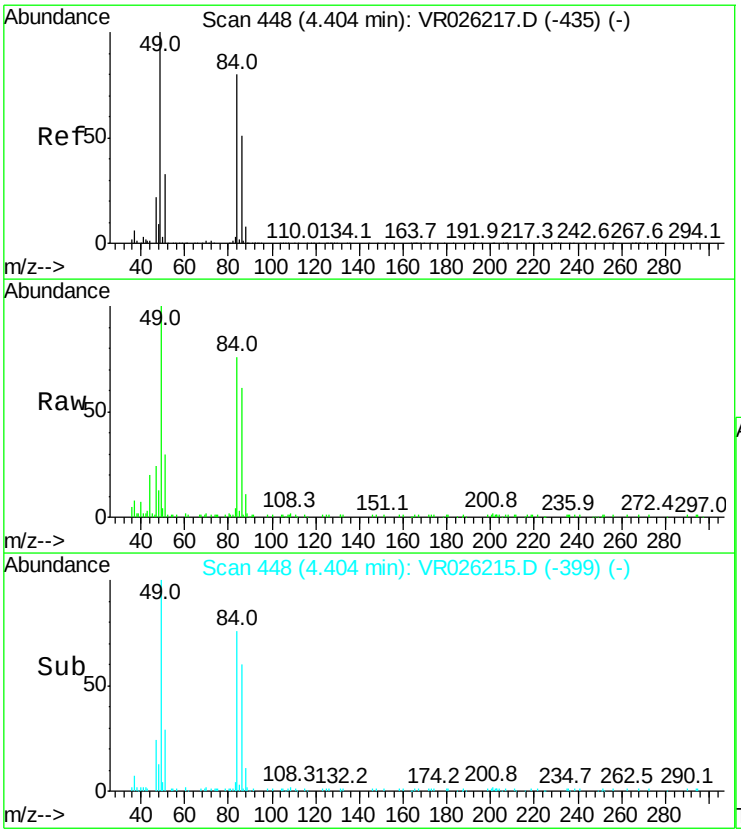
#15
Methyl Acetate
Concen: 0.498 ug/L
RT: 4.19 min Scan# 413
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion: 43 Resp: 5404

Ion	Ratio	Lower	Upper
43	100		
74	14.7	17.8	26.6#

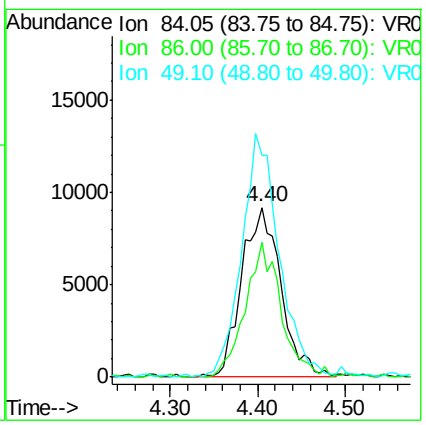


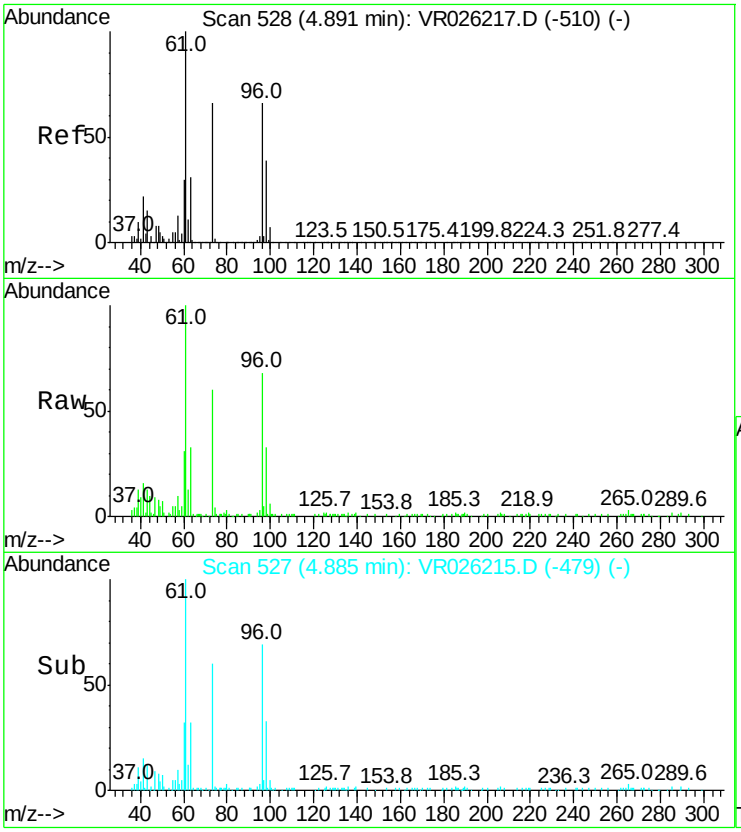


#16
Methylene chloride
Concen: 0.580 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 84 Resp: 28655

Ion	Ratio	Lower	Upper
84	100		
86	79.2	45.1	83.9
49	130.9	87.9	163.3



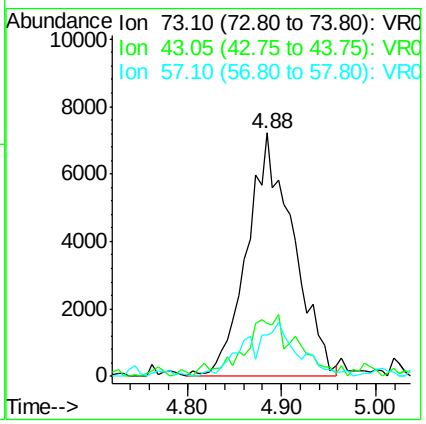


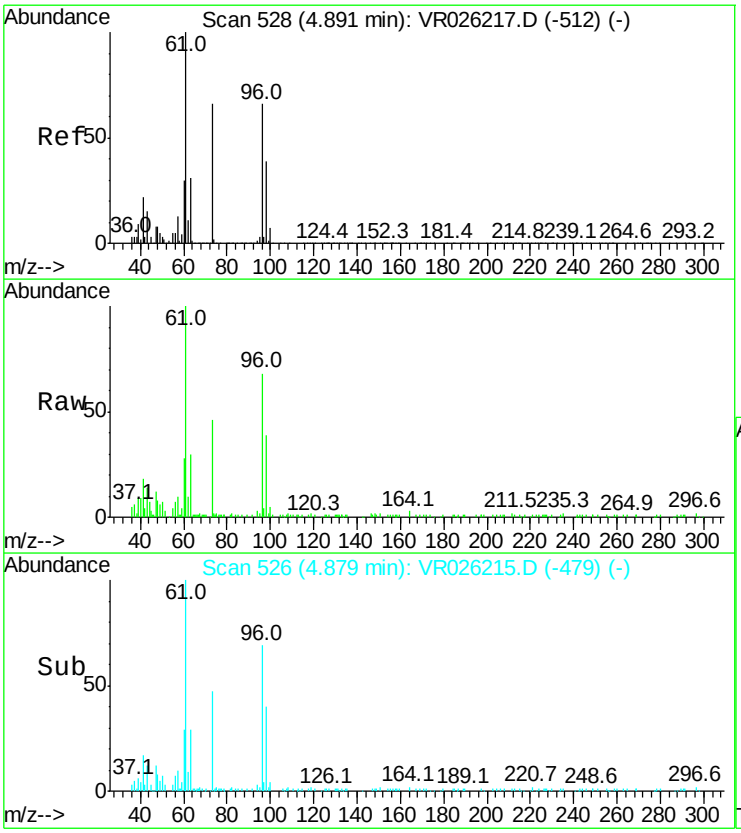
#17
Methyl tert-butyl Ether
Concen: 0.500 ug/L
RT: 4.88 min Scan# 527
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion: 73 Resp: 24726

Ion	Ratio	Lower	Upper
73	100		
43	15.1	19.1	28.7#
57	16.4	18.9	28.3#

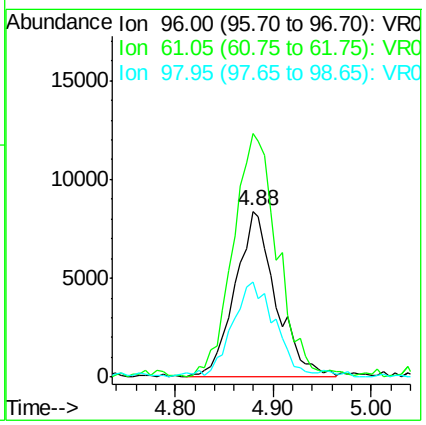


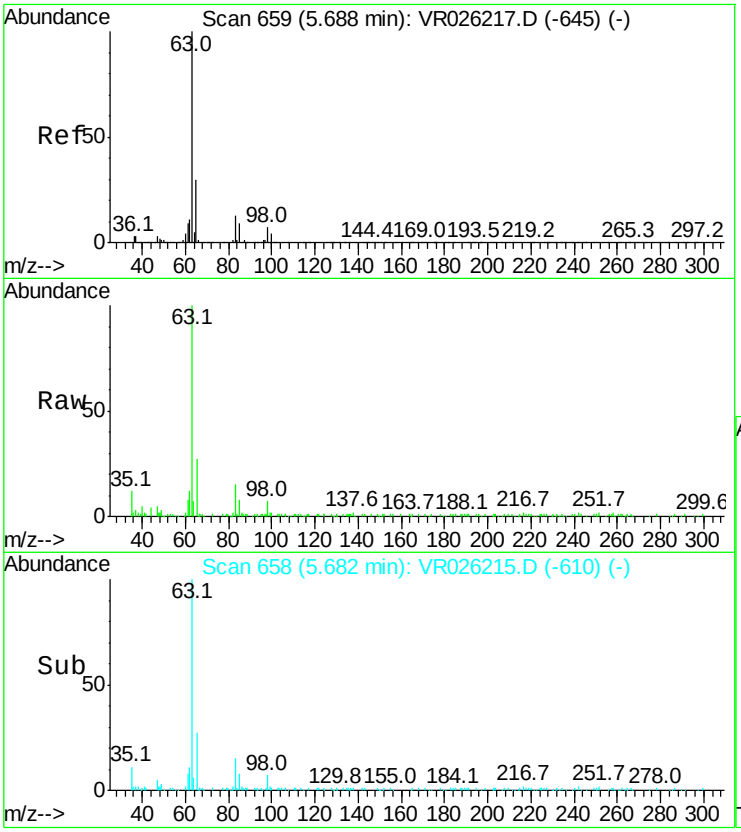


#18
trans-1,2-Dichloroethene
Concen: 0.591 ug/L
RT: 4.88 min Scan# 526
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 96 Resp: 24343

Ion	Ratio	Lower	Upper
96	100		
61	146.9	105.6	196.2
98	57.3	41.5	77.1



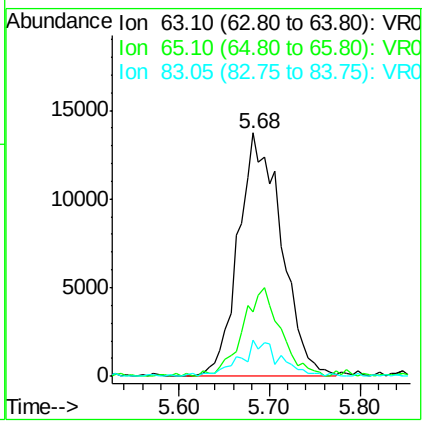


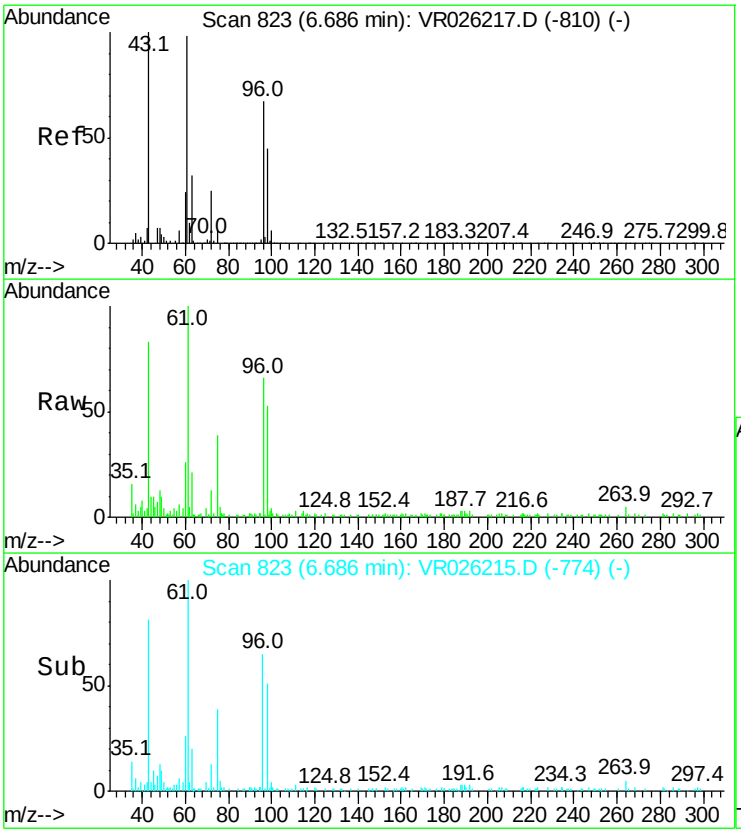
#19
1,1-Dichloroethane
Concen: 0.583 ug/L
RT: 5.68 min Scan# 658
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 63 Resp: 45095

Ion	Ratio	Lower	Upper
63	100		
65	26.6	20.9	38.7
83	15.0	9.1	16.9

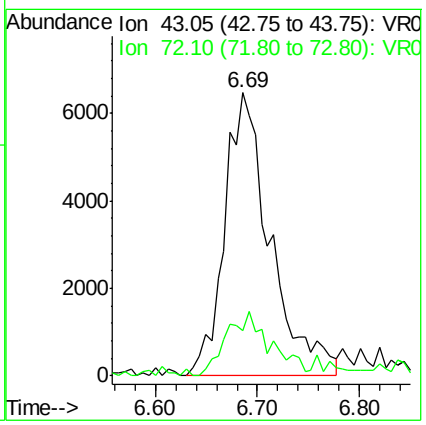


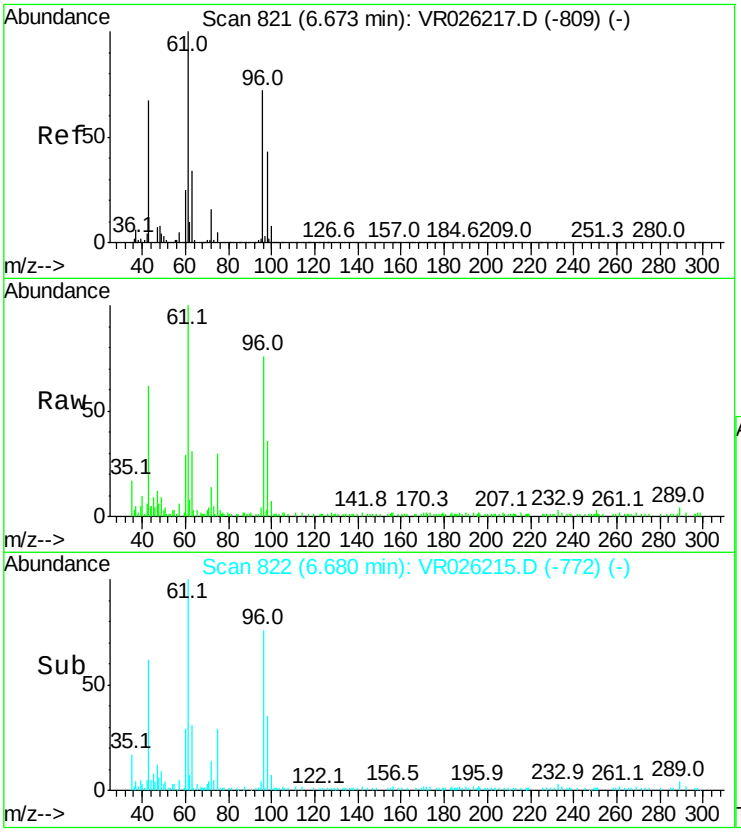


#21
2-Butanone
Concen: 4.170 ug/L
RT: 6.69 min Scan# 823
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 43 Resp: 20005

Ion	Ratio	Lower	Upper
43	100		
72	21.8	11.9	35.9



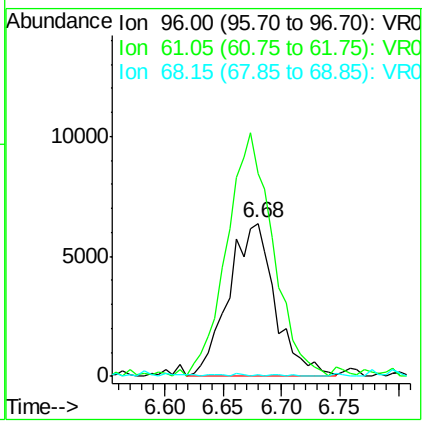


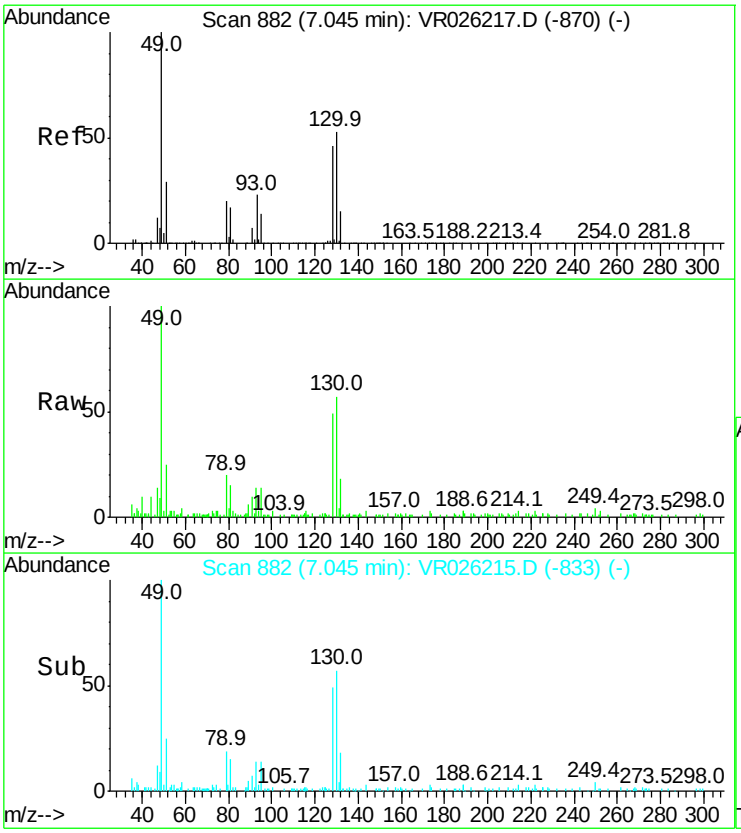
#22
cis-1,2-Dichloroethene
Concen: 0.455 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 96 Resp: 17725

Ion	Ratio	Lower	Upper
96	100		
61	132.2	97.4	180.8
68	0.9	0.1	0.3#

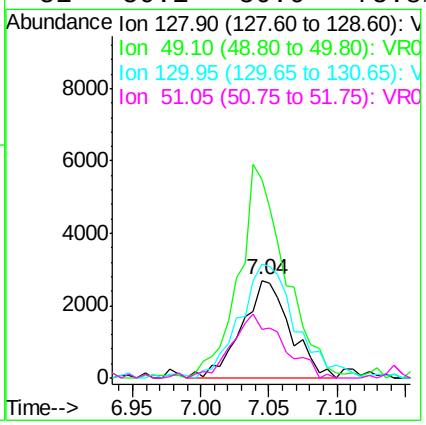


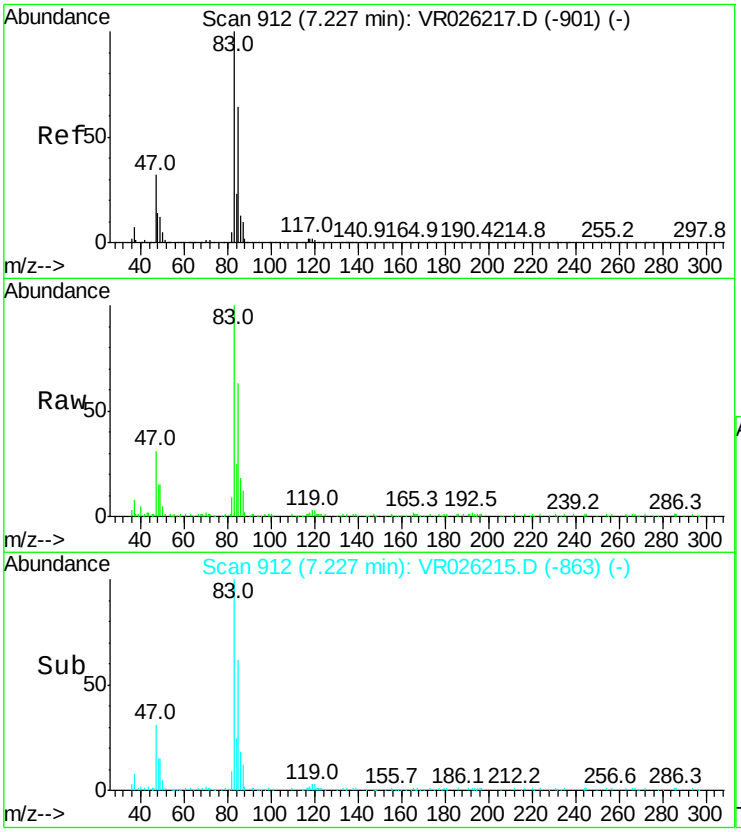


#23
Bromochloromethane
Concen: 0.614 ug/L
RT: 7.04 min Scan# 882
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:128 Resp: 6706

Ion	Ratio	Lower	Upper
128	100		
49	203.2	151.1	280.5
130	116.0	80.5	149.5
51	50.1	50.6	75.8#



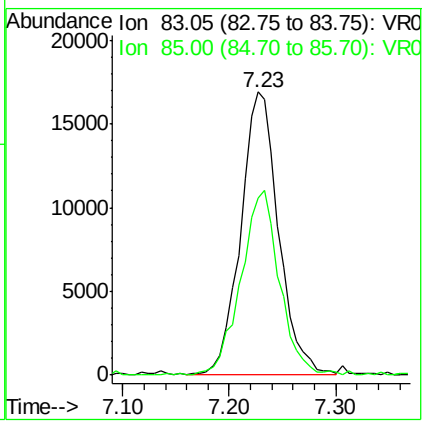


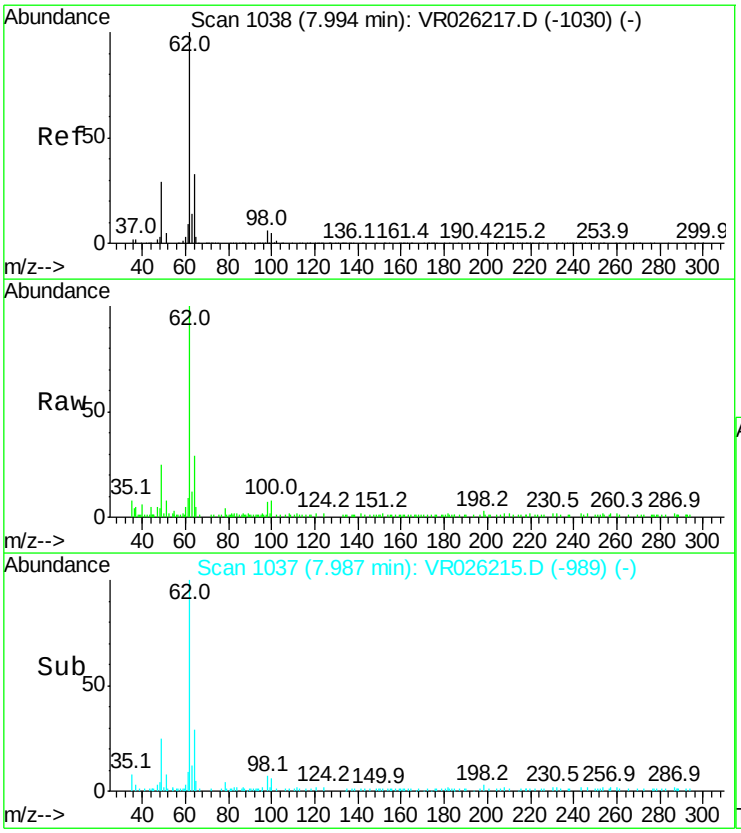
#25
Chloroform
Concen: 0.559 ug/L
RT: 7.23 min Scan# 912
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 83 Resp: 42137

Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.8	83.2

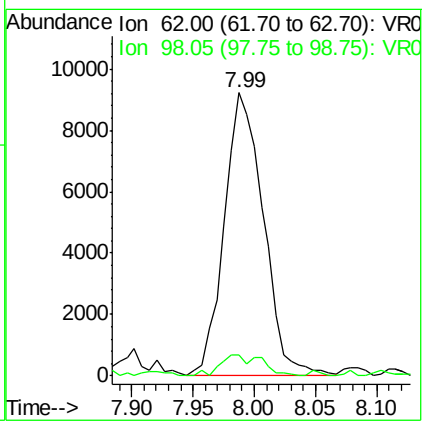


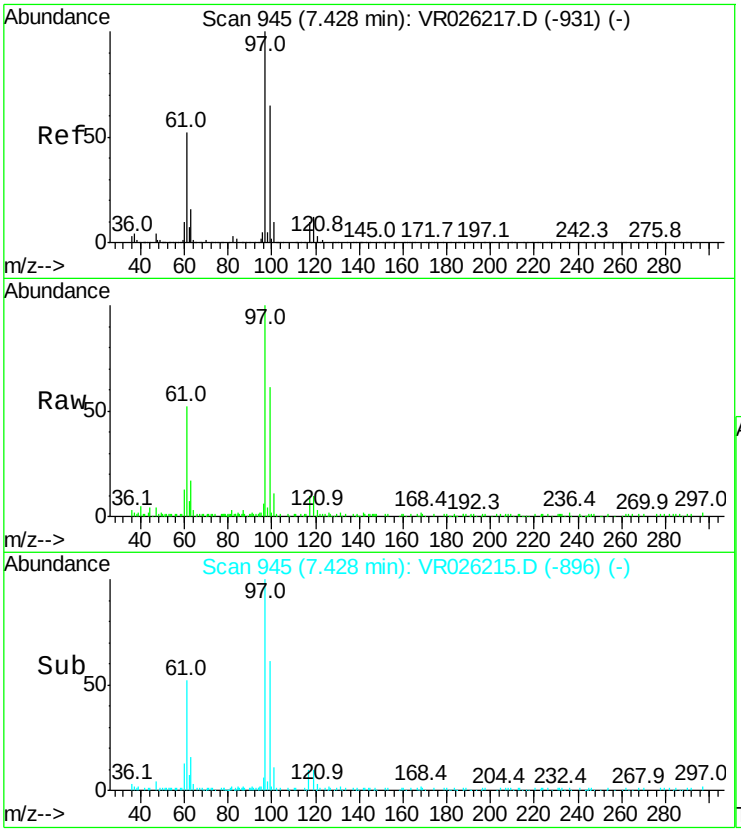


#27
1,2-Dichloroethane
Concen: 0.555 ug/L
RT: 7.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 62 Resp: 20476

Ion	Ratio	Lower	Upper
62	100		
98	7.3	5.0	7.6



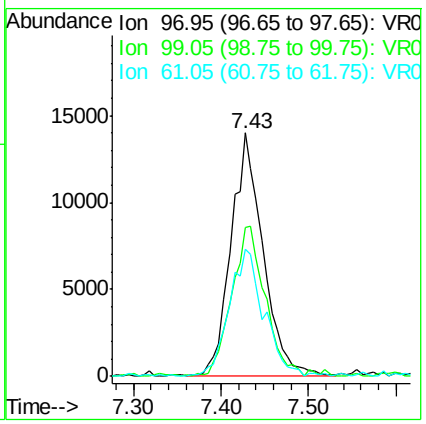


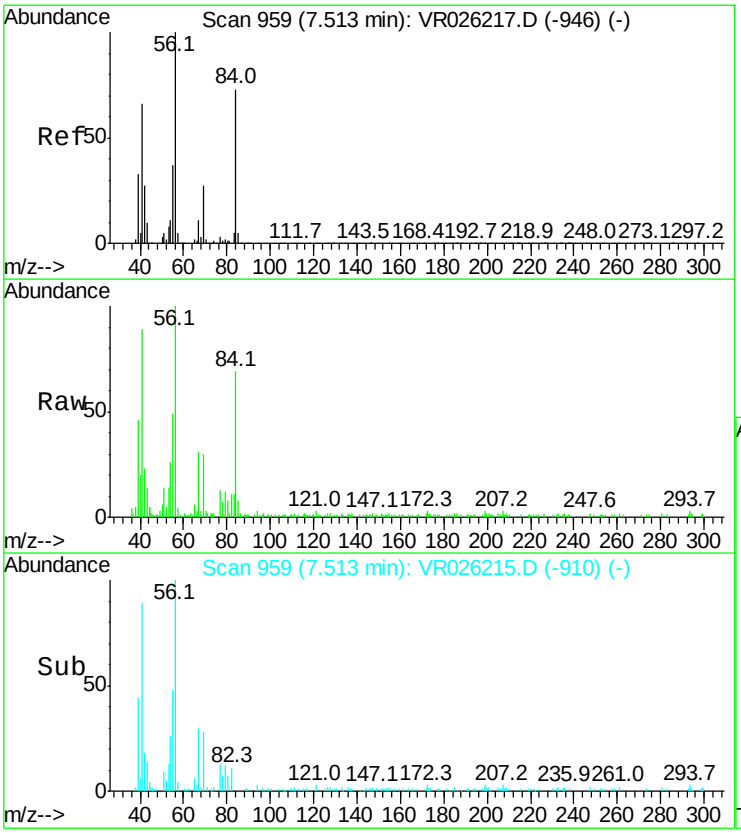
#29
1,1,1-Trichloroethane
Concen: 0.558 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 97 Resp: 35770

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.2	78.2
61	56.5	41.6	62.4

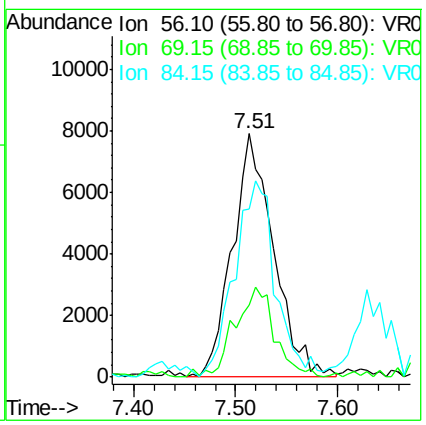


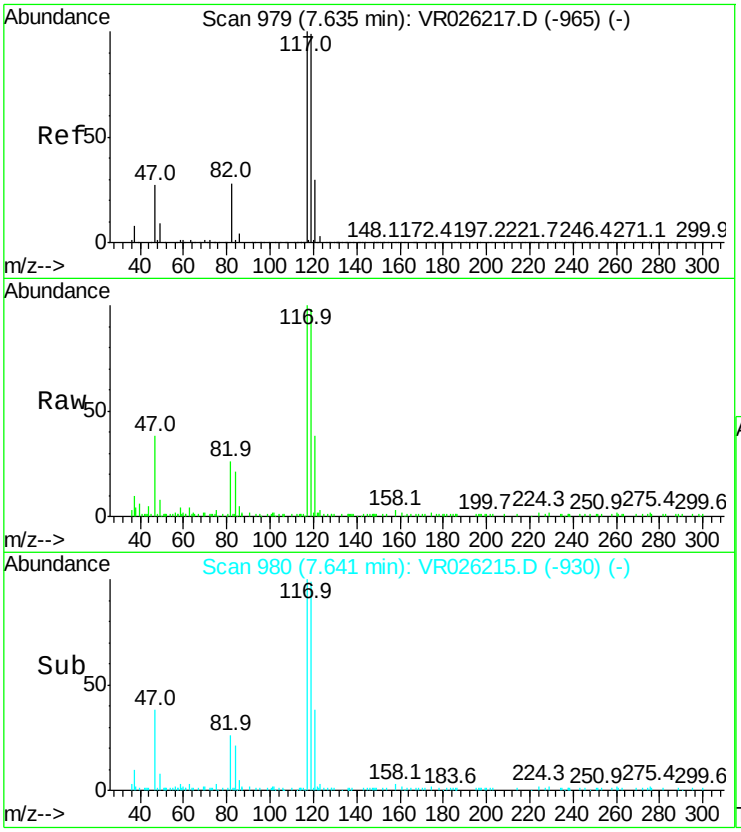


#30
Cyclohexane
Concen: 0.345 ug/L
RT: 7.51 min Scan# 959
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 56 Resp: 22231

Ion	Ratio	Lower	Upper
56	100		
69	35.5	23.0	34.6#
84	80.7	60.8	91.2



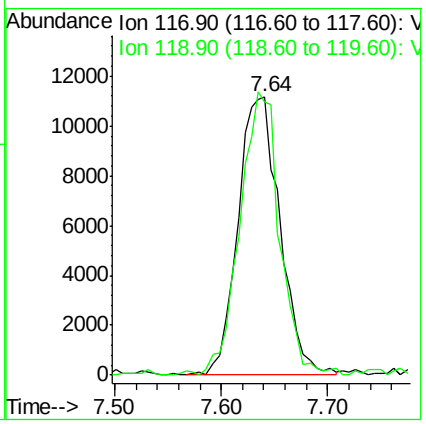


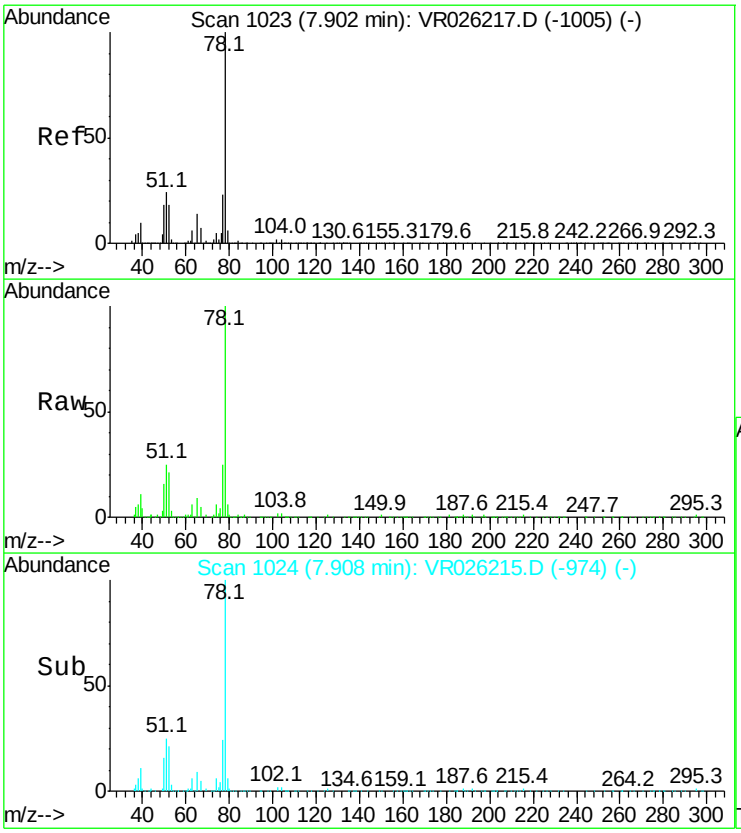
#31
Carbon tetrachloride
Concen: 0.529 ug/L
RT: 7.64 min Scan# 980
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion:117 Resp: 30861

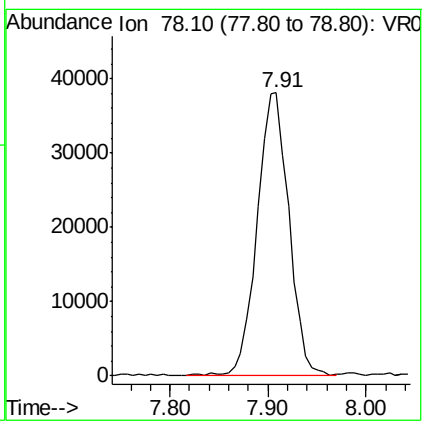
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1

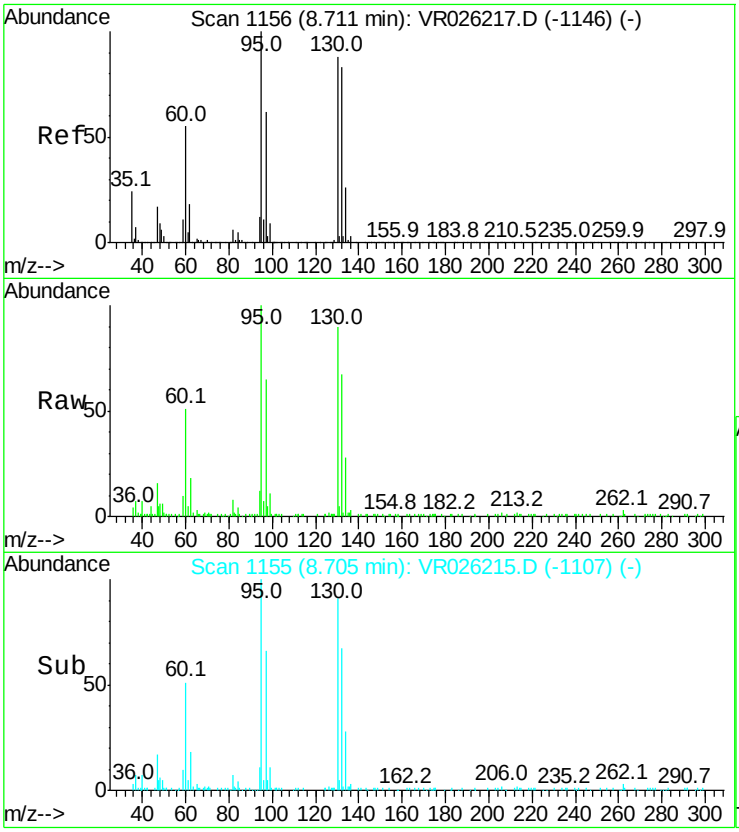




#33
Benzene
Concen: 0.490 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 78 Resp: 86263



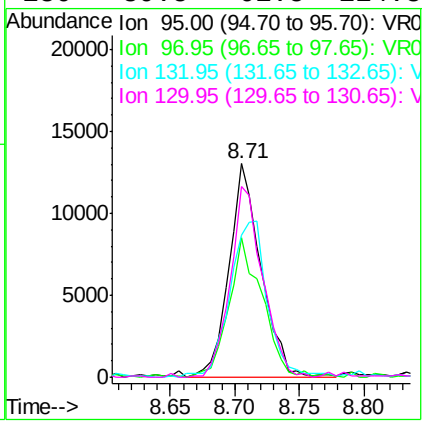


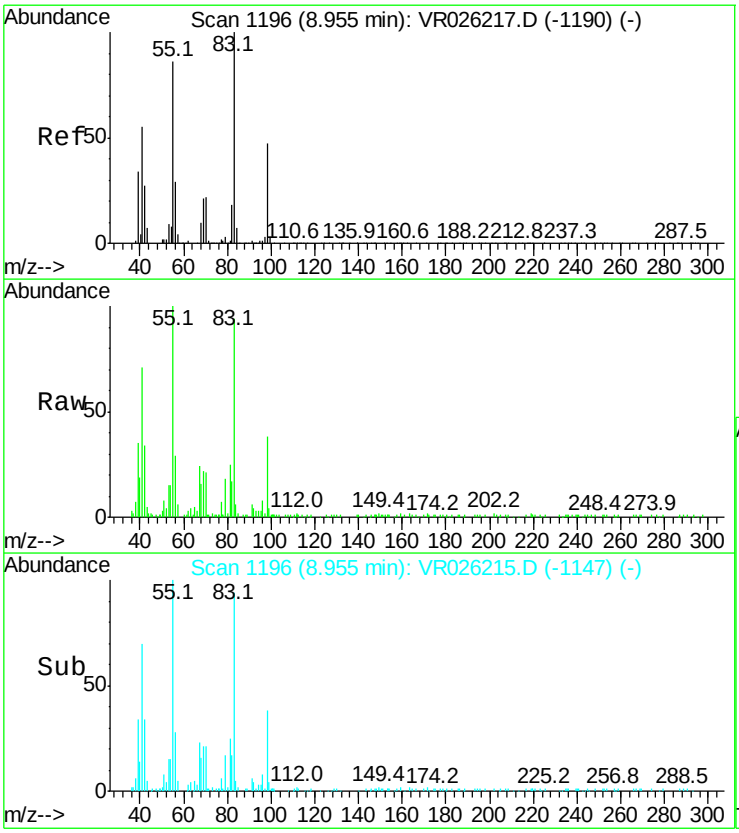
#34
Trichloroethene
Concen: 0.501 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 95 Resp: 22561

Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.5	80.7
132	66.7	58.0	107.6
130	89.5	61.5	114.3

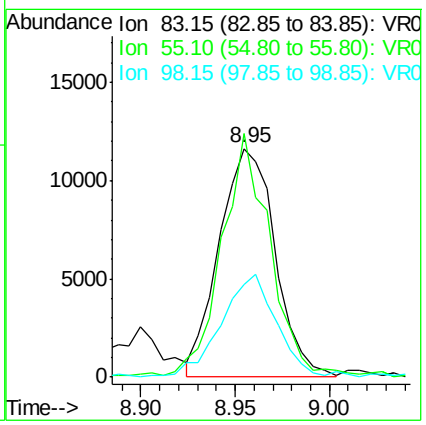


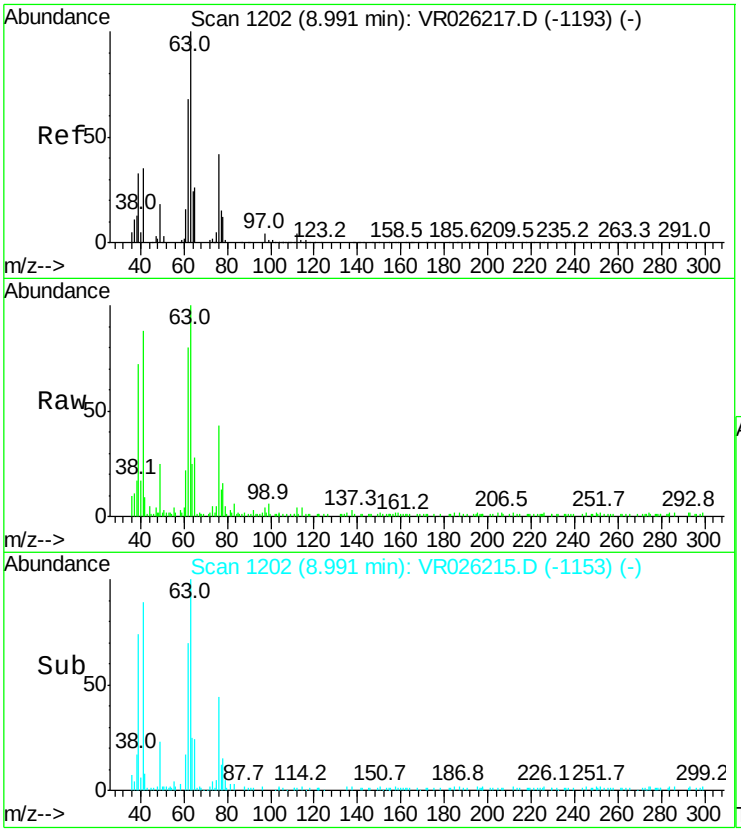


#35
Methylcyclohexane
Concen: 0.357 ug/L
RT: 8.95 min Scan# 1196
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 83 Resp: 23935

Ion	Ratio	Lower	Upper
83	100		
55	90.7	67.9	101.9
98	43.9	35.8	53.6



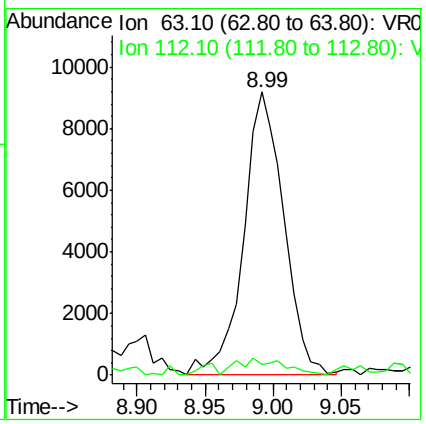


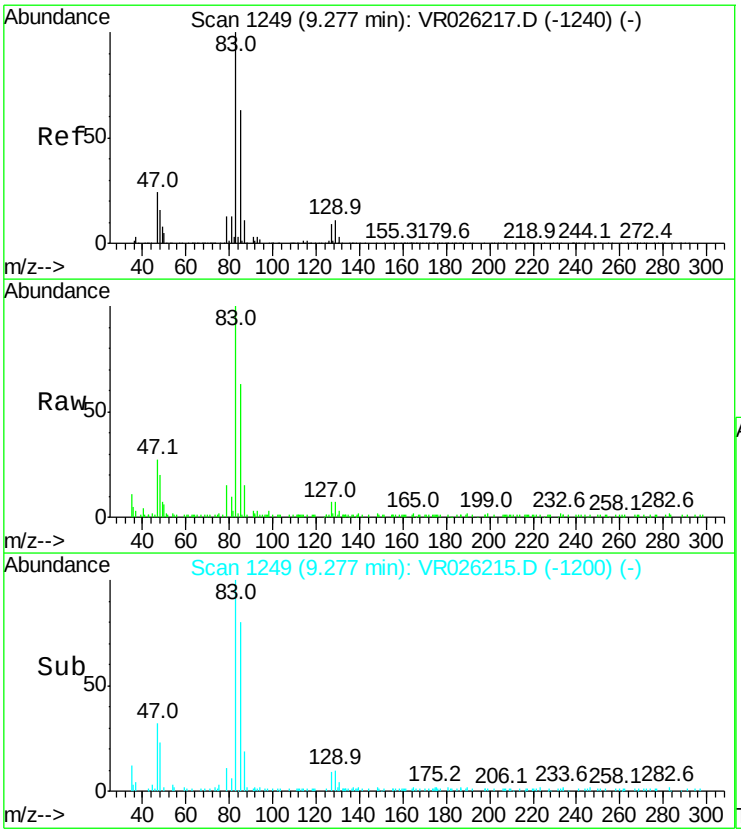
#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 8.99 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion: 63 Resp: 19027

Ion	Ratio	Lower	Upper
63	100		
112	6.8	2.8	4.2#

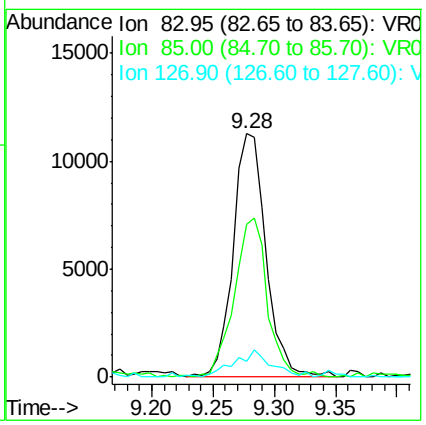


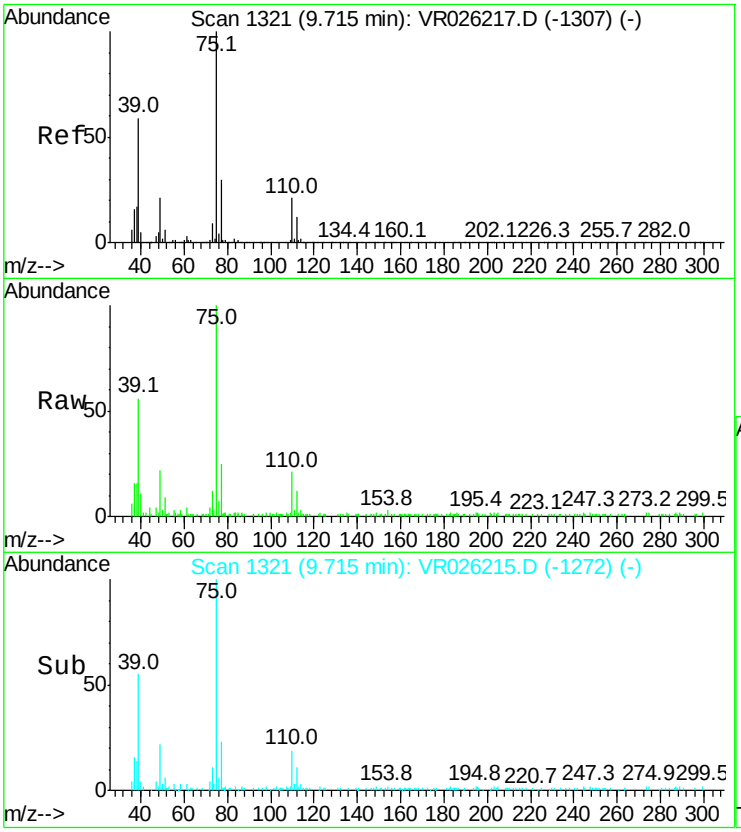


#38
Bromodichloromethane
Concen: 0.525 ug/L
RT: 9.28 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 83 Resp: 20984

Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.4	82.4
127	6.7	6.9	10.3#



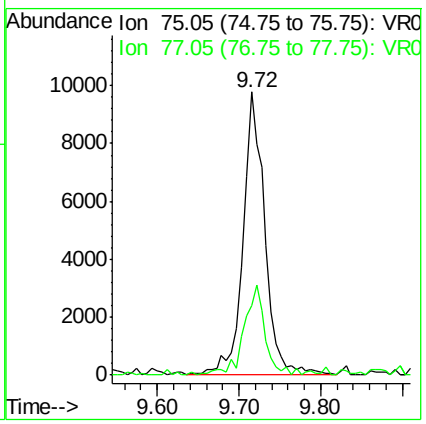


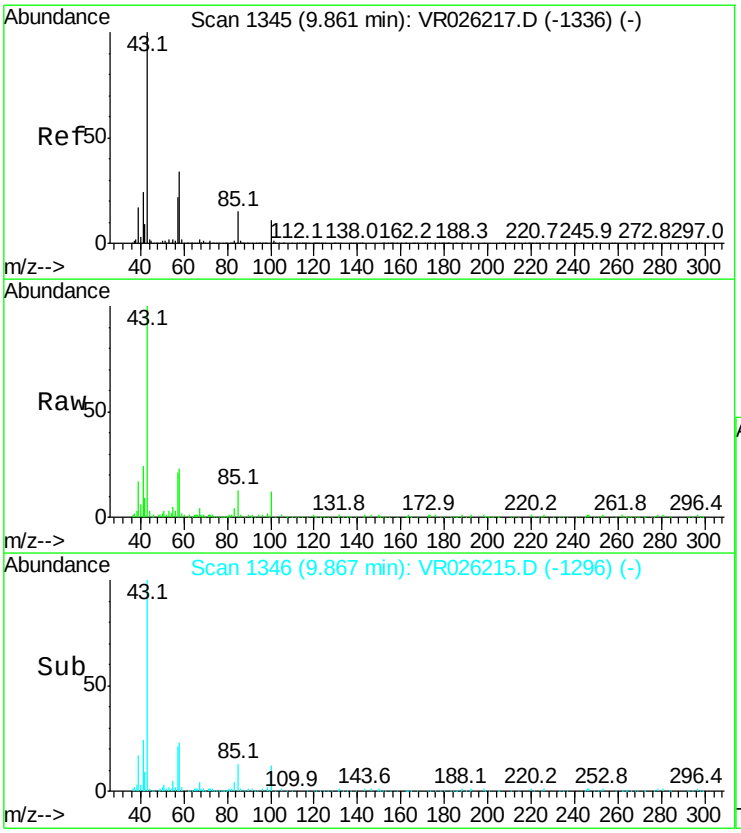
#39
cis-1,3-Dichloropropene
Concen: 0.431 ug/L
RT: 9.72 min Scan# 1321
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 75 Resp: 18306

Ion	Ratio	Lower	Upper
75	100		
77	24.6	20.7	38.5

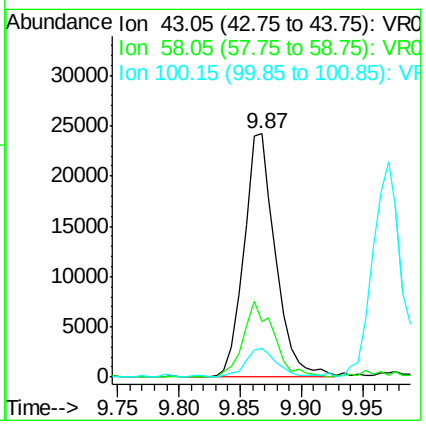


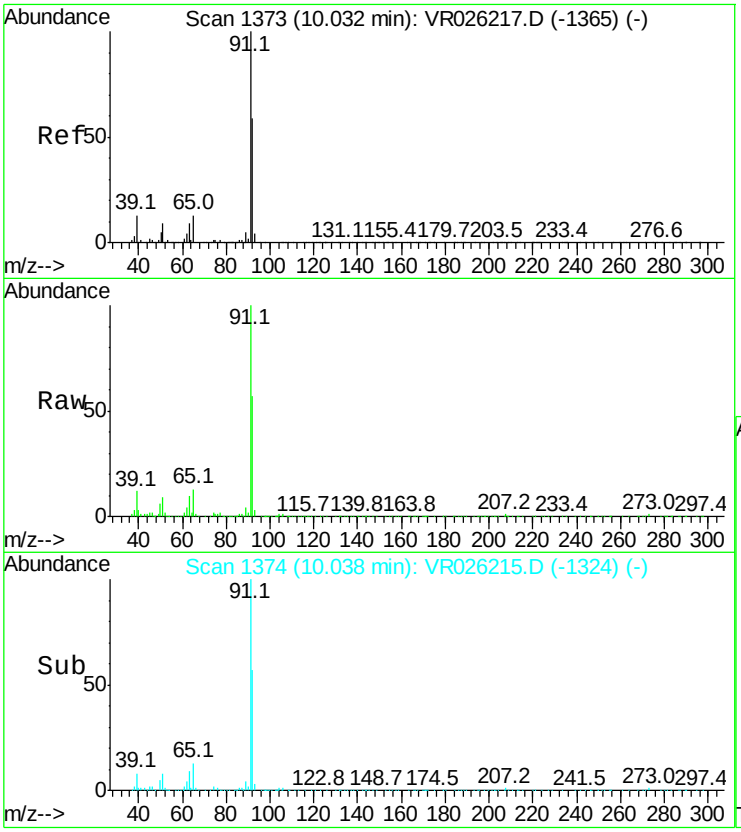


#40
4-Methyl-2-pentanone
Concen: 3.818 ug/L
RT: 9.87 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 43 Resp: 43312

Ion	Ratio	Lower	Upper
43	100		
58	30.2	27.8	41.6
100	11.5	9.4	14.2



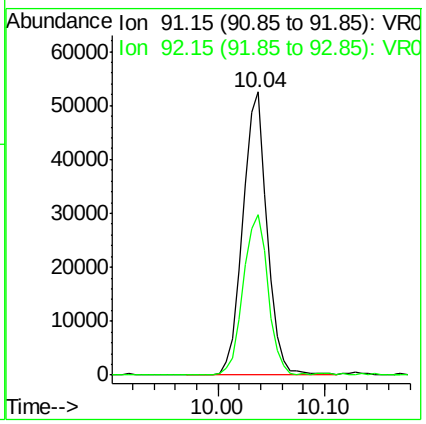


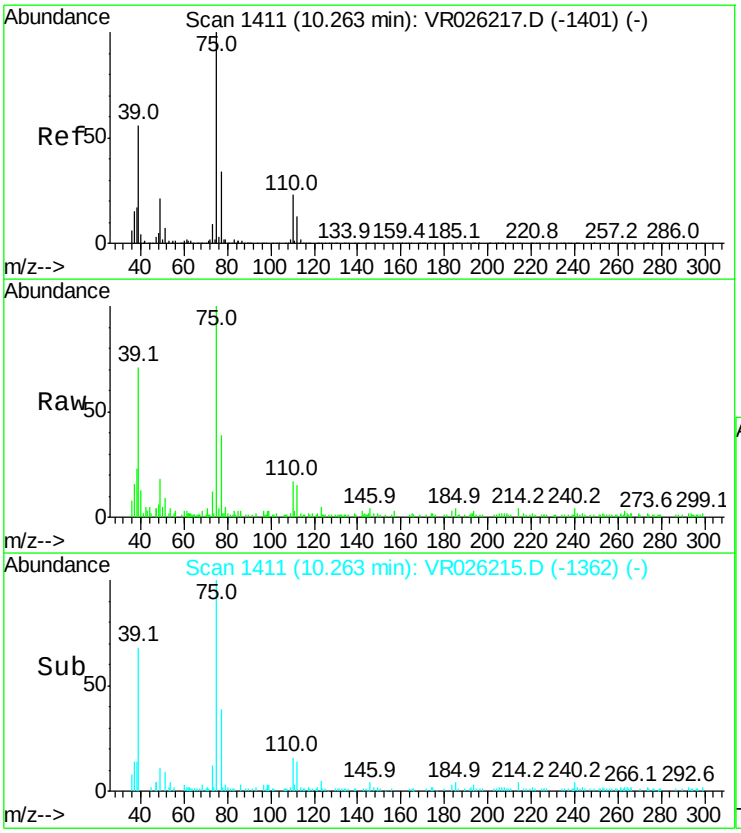
#42
Toluene
Concen: 0.453 ug/L
RT: 10.04 min Scan# 1374
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion: 91 Resp: 84102

Ion	Ratio	Lower	Upper
91	100		
92	56.7	41.4	76.8

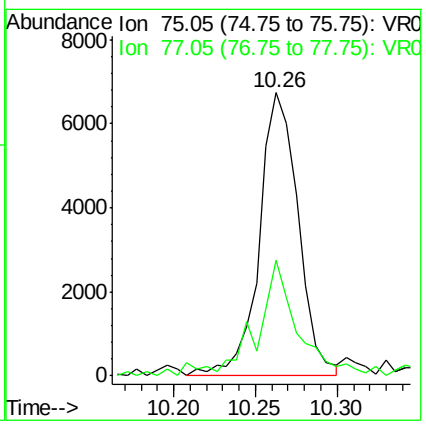


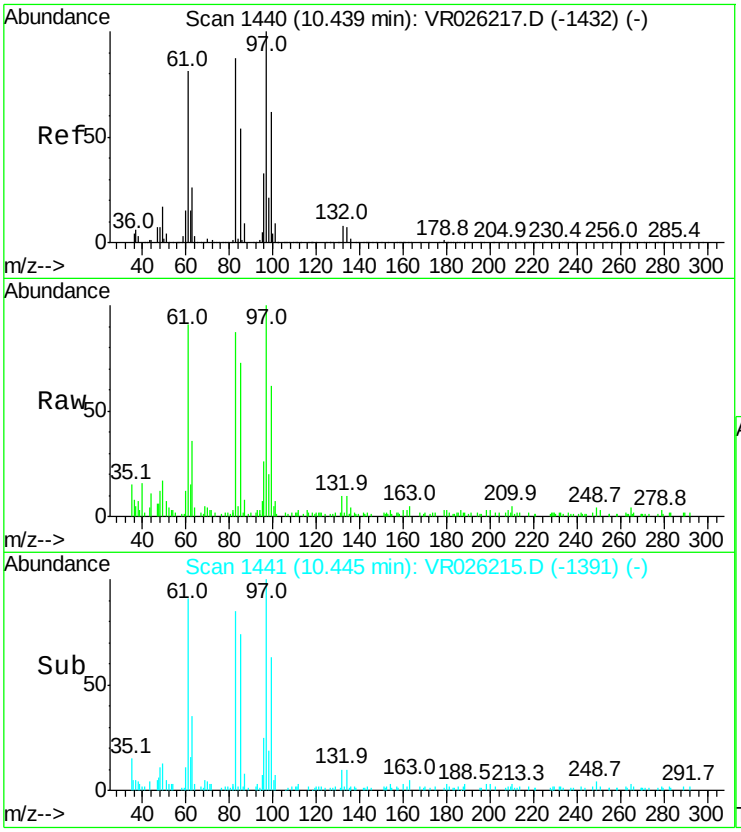


#44
trans-1,3-Dichloropropene
Concen: 0.377 ug/L
RT: 10.26 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 75 Resp: 11185

Ion	Ratio	Lower	Upper
75	100		
77	40.8	23.7	44.1



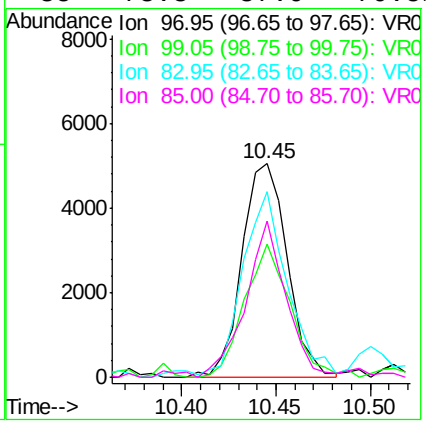


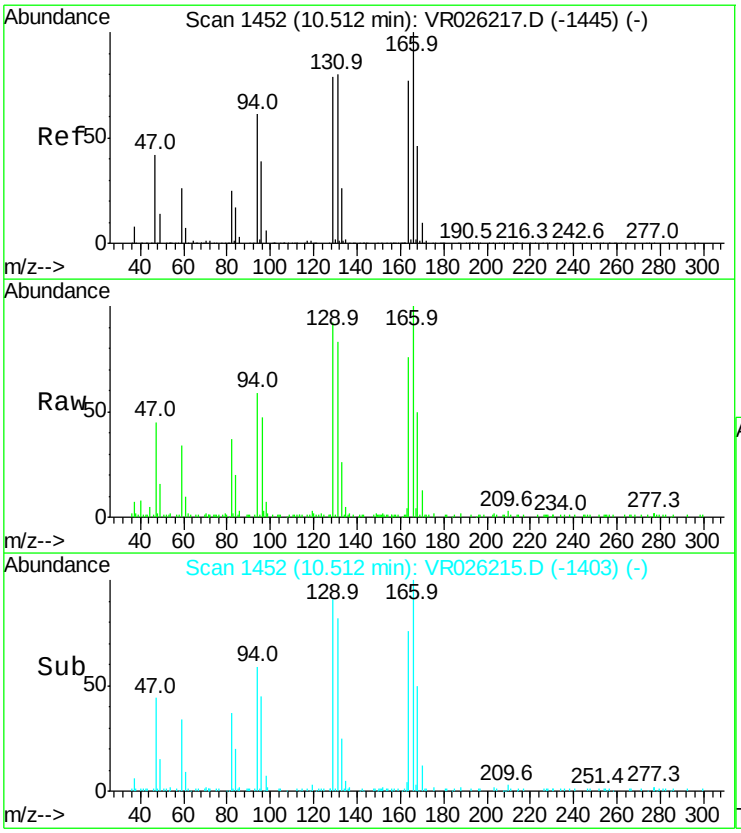
#45
1,1,2-Trichloroethane
Concen: 0.537 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 97 Resp: 8411

Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.0	80.0
83	86.9	61.0	113.2
85	73.3	37.9	70.5#

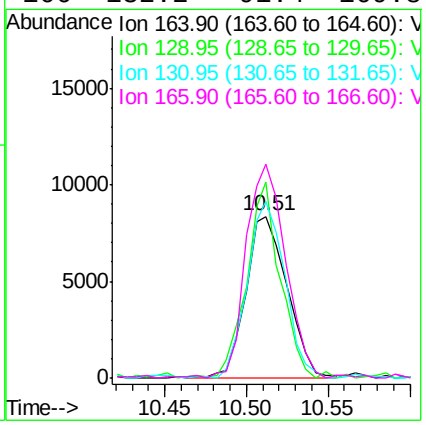


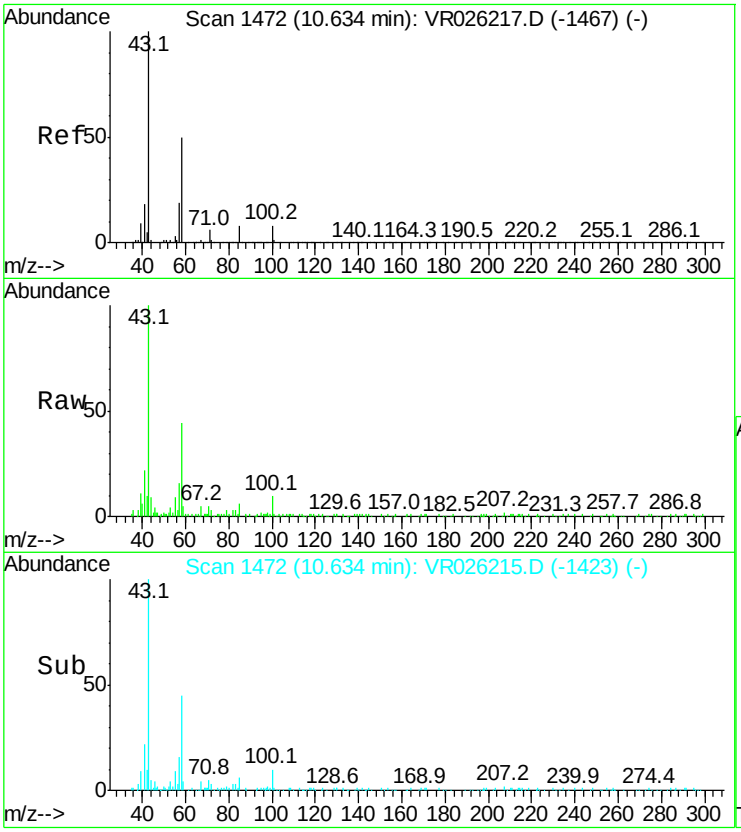


#47
Tetrachloroethene
Concen: 0.458 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:164 Resp: 14733

Ion	Ratio	Lower	Upper
164	100		
129	121.2	72.3	134.3
131	109.4	73.4	136.2
166	132.2	91.4	169.8



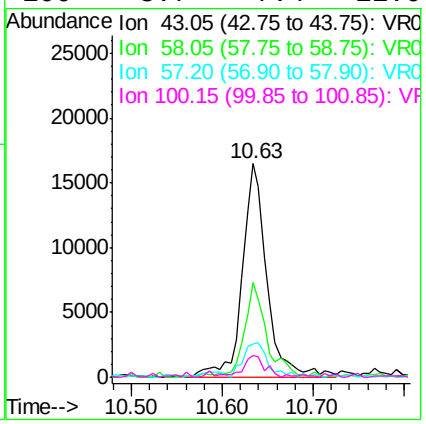


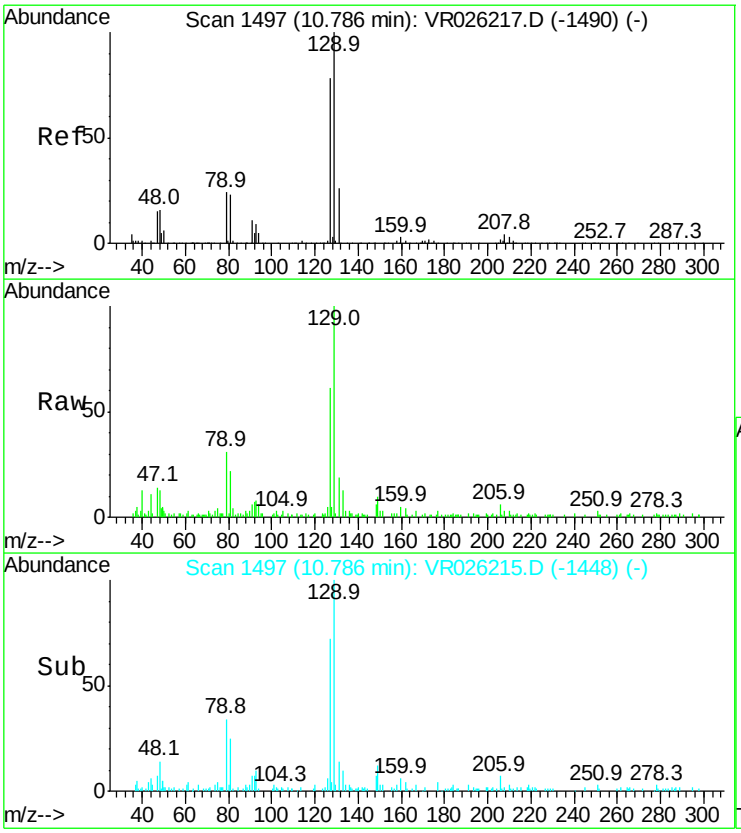
#48
2-Hexanone
Concen: 4.174 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion: 43 Resp: 30922

Ion	Ratio	Lower	Upper
43	100		
58	39.5	40.0	60.0#
57	16.1	14.6	21.8
100	8.7	7.4	11.0

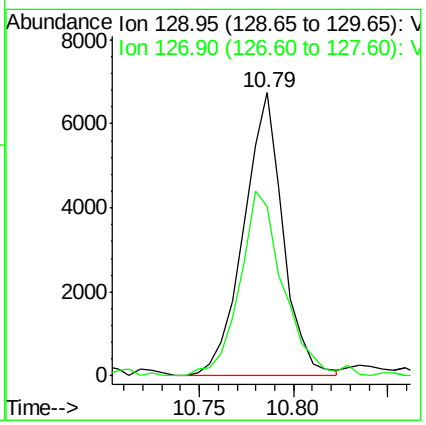


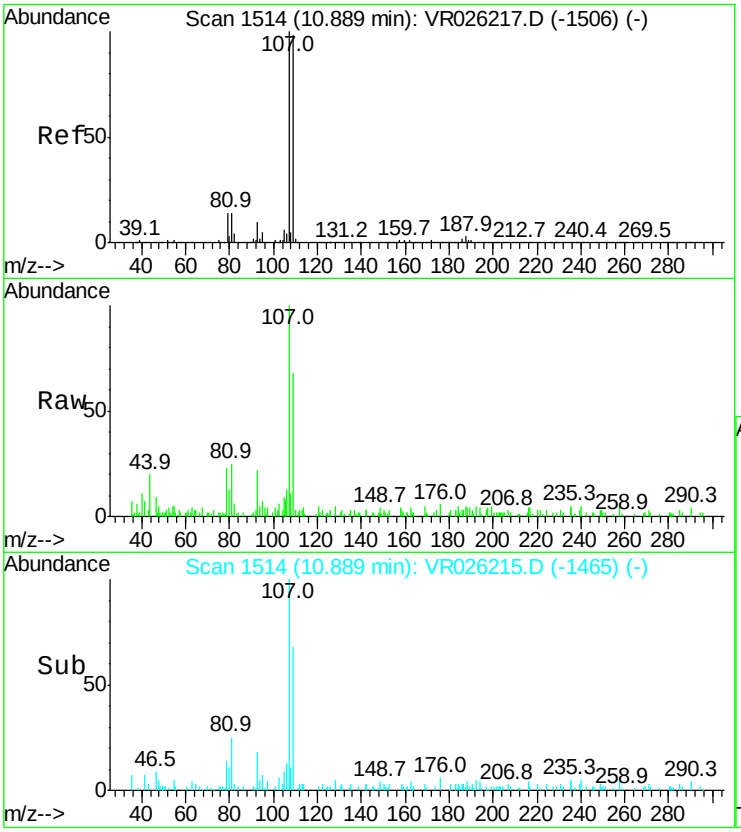


#49
Dibromochloromethane
Concen: 0.552 ug/L
RT: 10.79 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:129 Resp: 9727

Ion	Ratio	Lower	Upper
129	100		
127	59.9	54.7	101.7



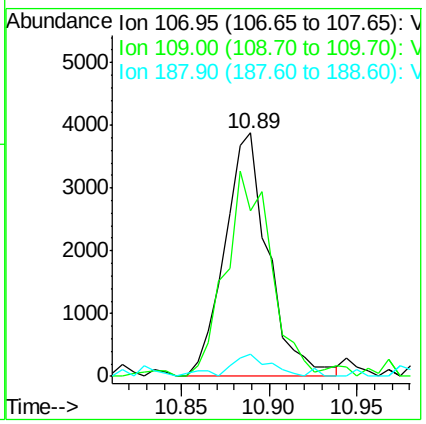


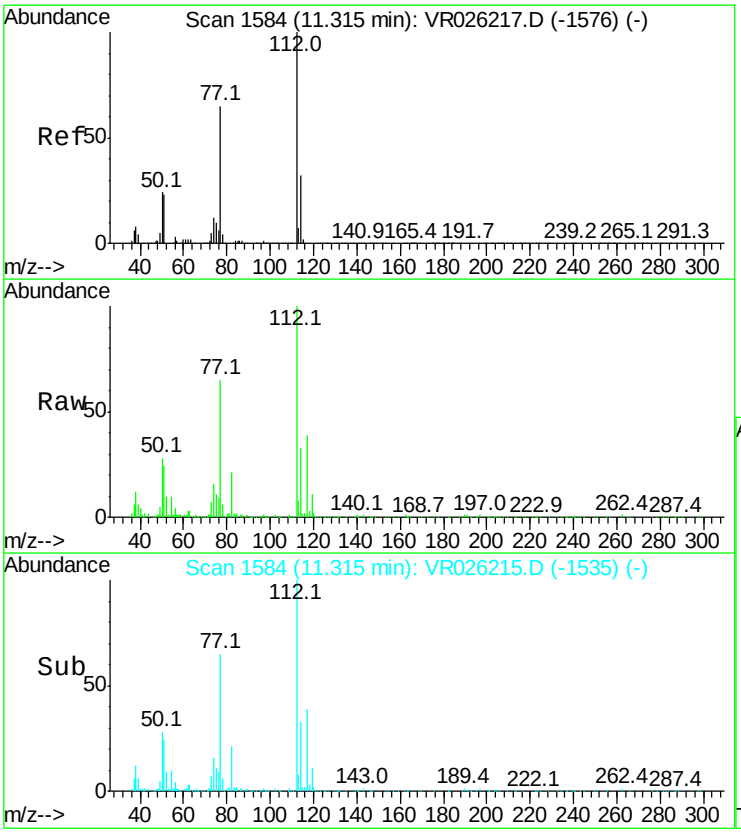
#50
1,2-Dibromoethane
Concen: 0.497 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion:107 Resp: 6730

Ion	Ratio	Lower	Upper
107	100		
109	68.0	68.7	127.5#
188	9.3	2.1	3.1#

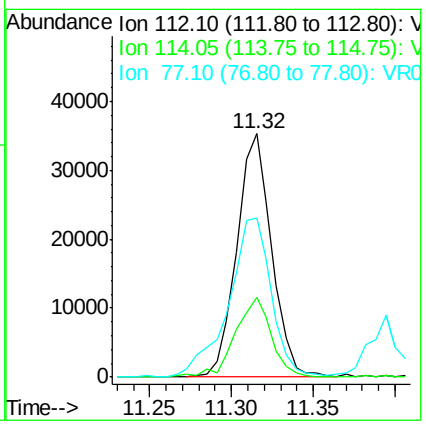


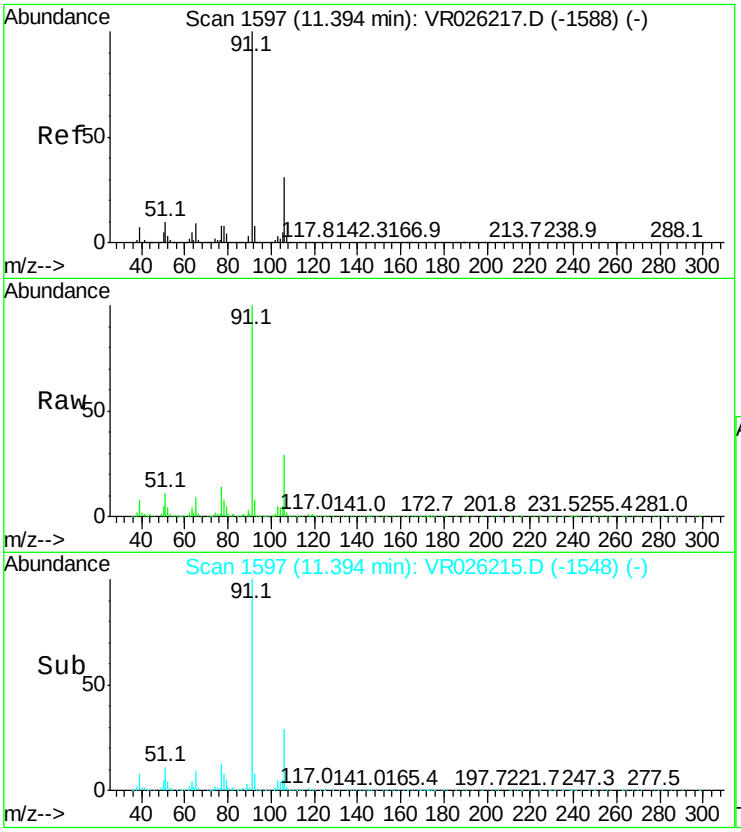


#51
Chlorobenzene
Concen: 0.510 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:112 Resp: 52470

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.7	42.3
77	65.3	51.8	77.8



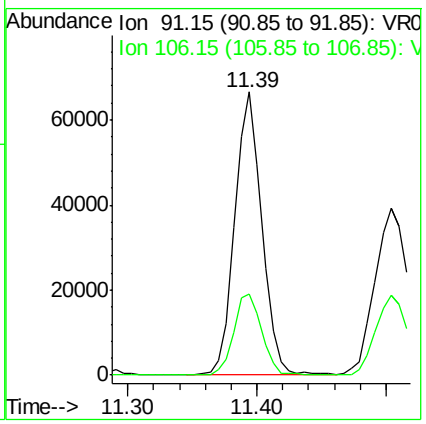


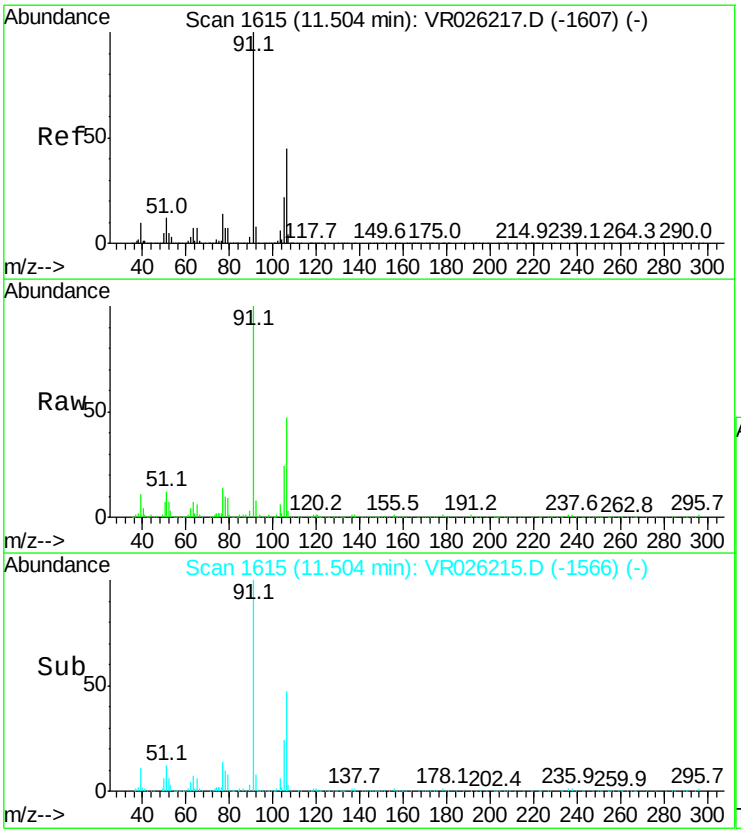
#52
Ethylbenzene
Concen: 0.454 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion: 91 Resp: 97093

Ion	Ratio	Lower	Upper
91	100		
106	28.6	21.5	39.9

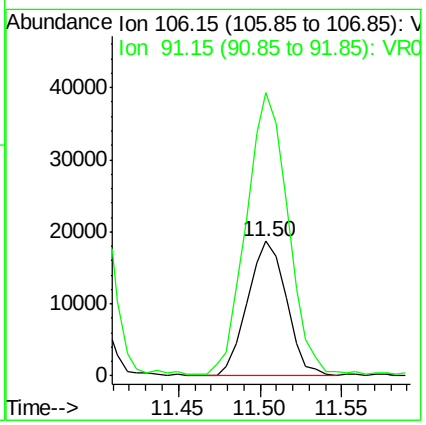


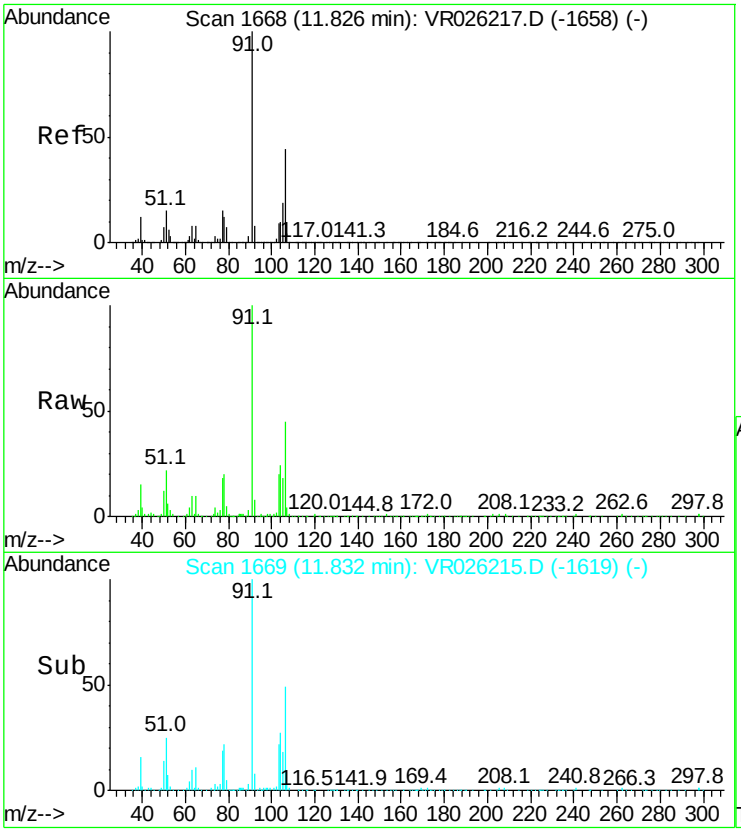


#53
m,p-Xylene
Concen: 0.399 ug/L
RT: 11.50 min Scan# 1615
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:106 Resp: 31091

Ion	Ratio	Lower	Upper
106	100		
91	210.5	153.9	285.9



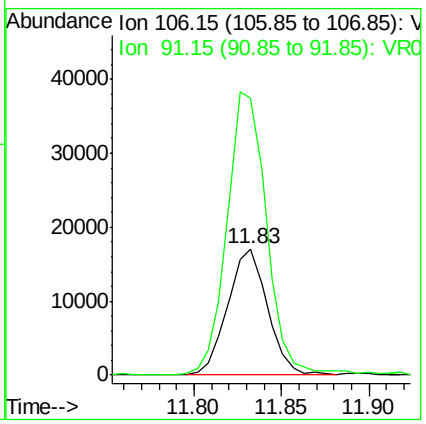


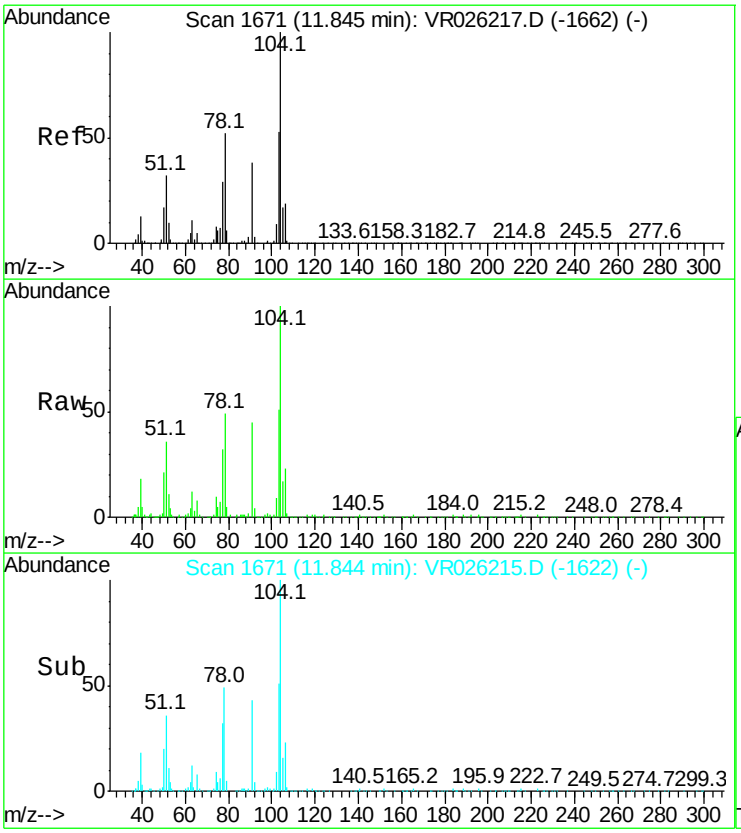
#54
o-Xylene
Concen: 0.378 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion:106 Resp: 27003

Ion	Ratio	Lower	Upper
106	100		
91	220.3	159.5	296.1

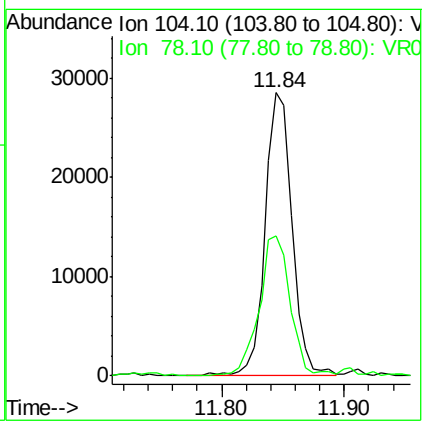


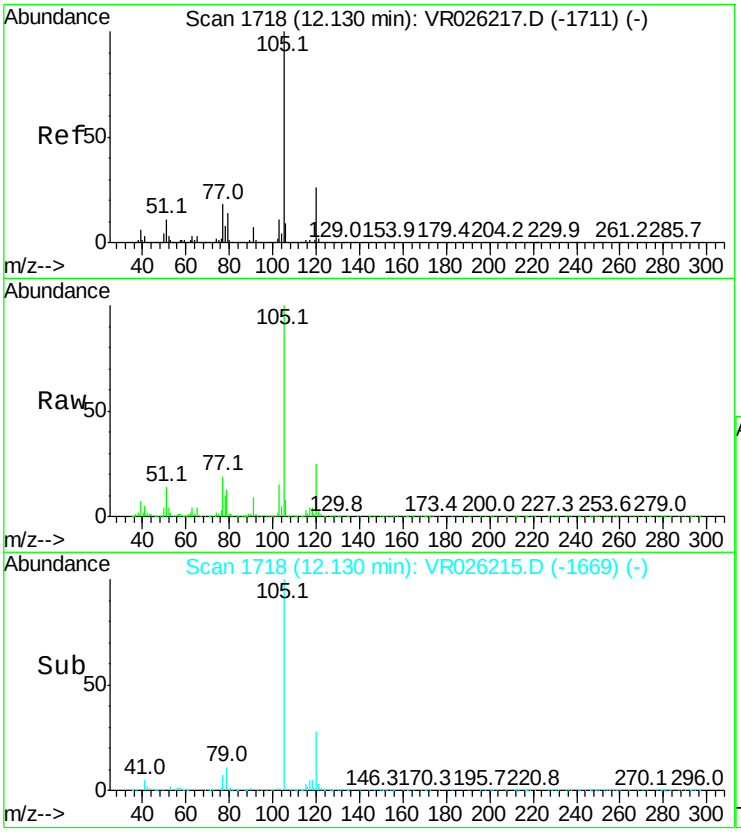


#55
Styrene
Concen: 0.396 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:104 Resp: 43492

Ion	Ratio	Lower	Upper
104	100		
78	49.2	36.8	68.3



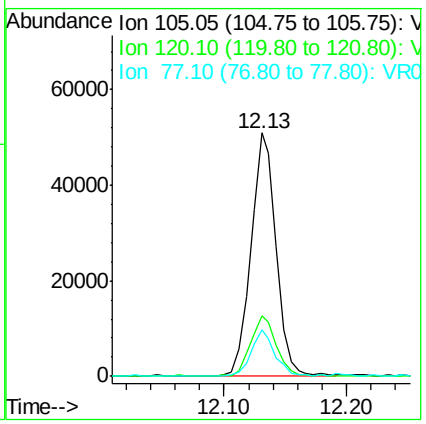


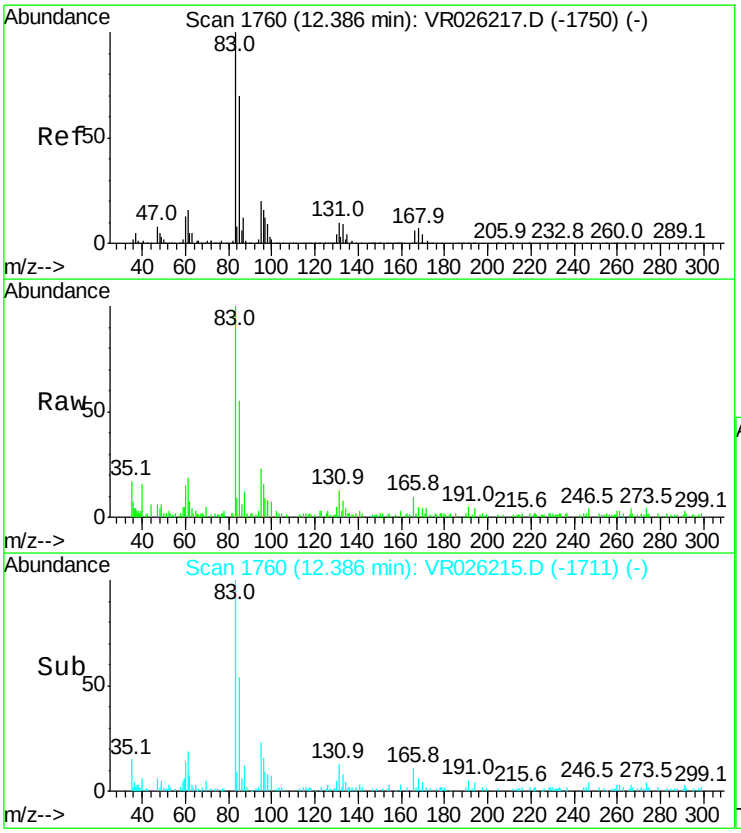
#56
Isopropylbenzene
Concen: 0.368 ug/L
RT: 12.13 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion:105 Resp: 72947

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.4	30.6
77	18.0	14.3	21.5

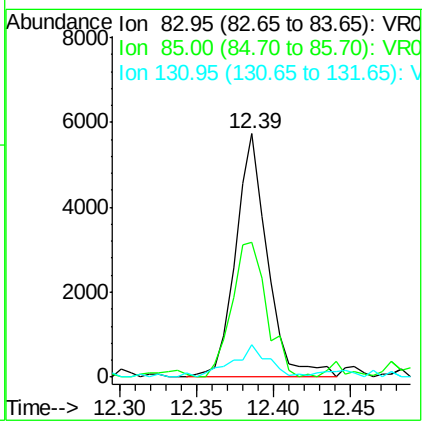


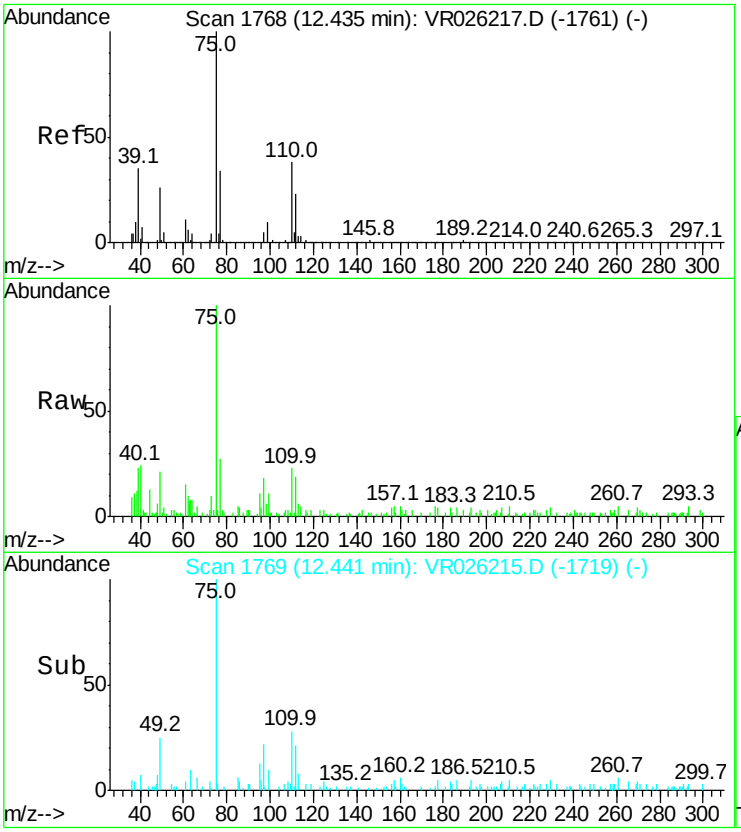


#58
1,1,2,2-Tetrachloroethane
Concen: 0.517 ug/L
RT: 12.39 min Scan# 1760
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 83 Resp: 8234

Ion	Ratio	Lower	Upper
83	100		
85	55.4	49.1	91.1
131	13.1	8.3	12.5#



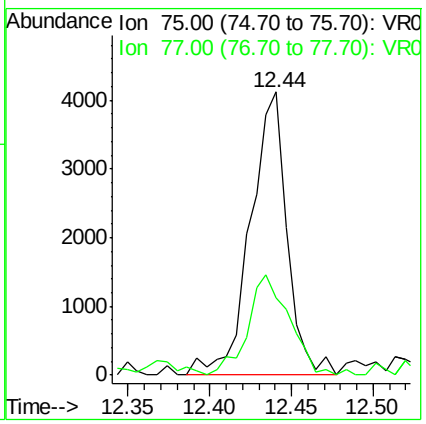


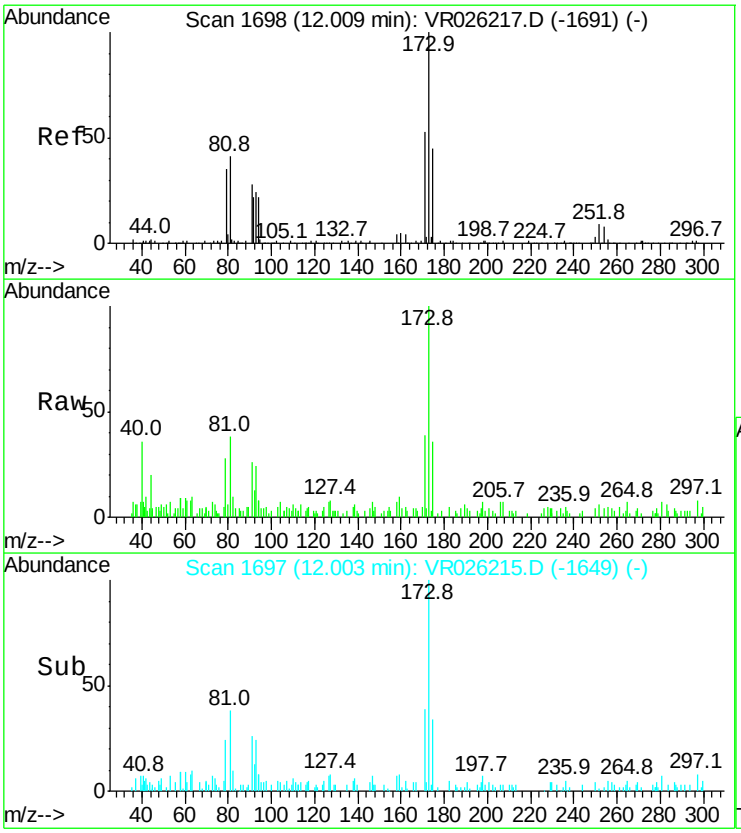
#59
1,2,3-Trichloropropane
Concen: 0.552 ug/L
RT: 12.44 min Scan# 1769
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion: 75 Resp: 6449

Ion	Ratio	Lower	Upper
75	100		
77	40.5	27.4	41.0

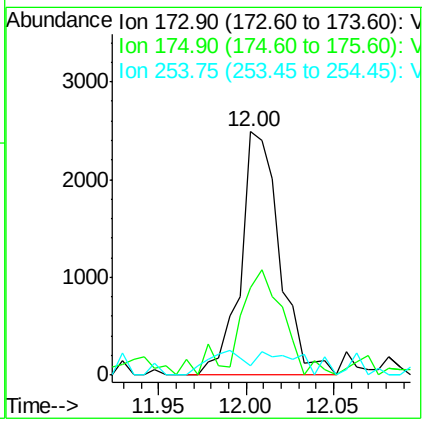


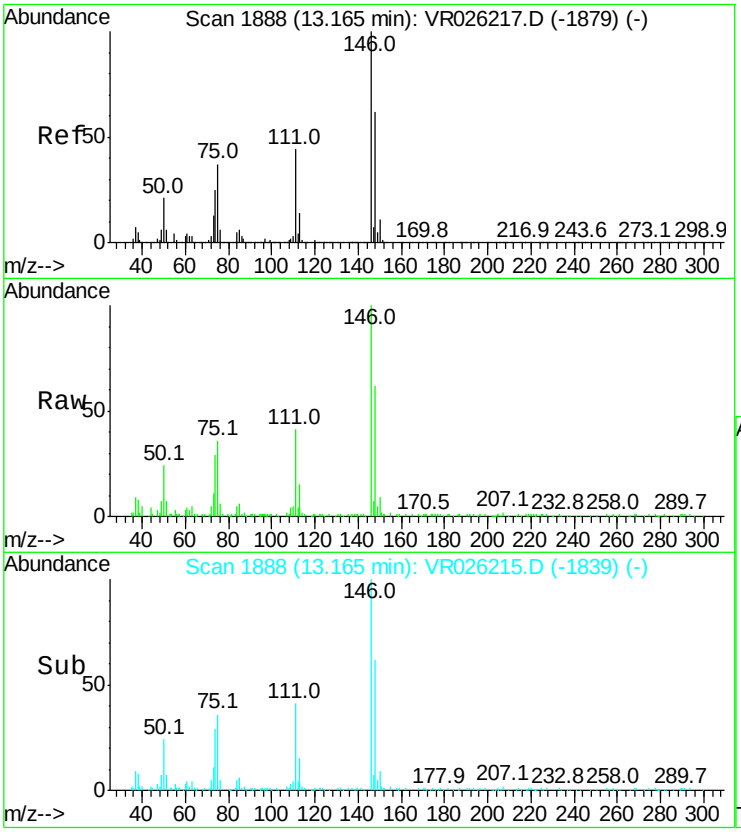


#61
Bromoform
Concen: 0.702 ug/L
RT: 12.00 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:173 Resp: 3863

Ion	Ratio	Lower	Upper
173	100		
175	50.2	38.2	57.4
254	11.2	8.0	12.0



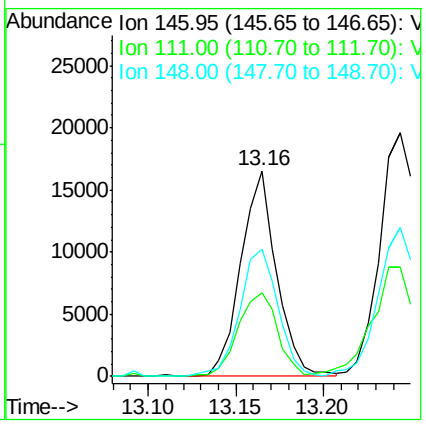


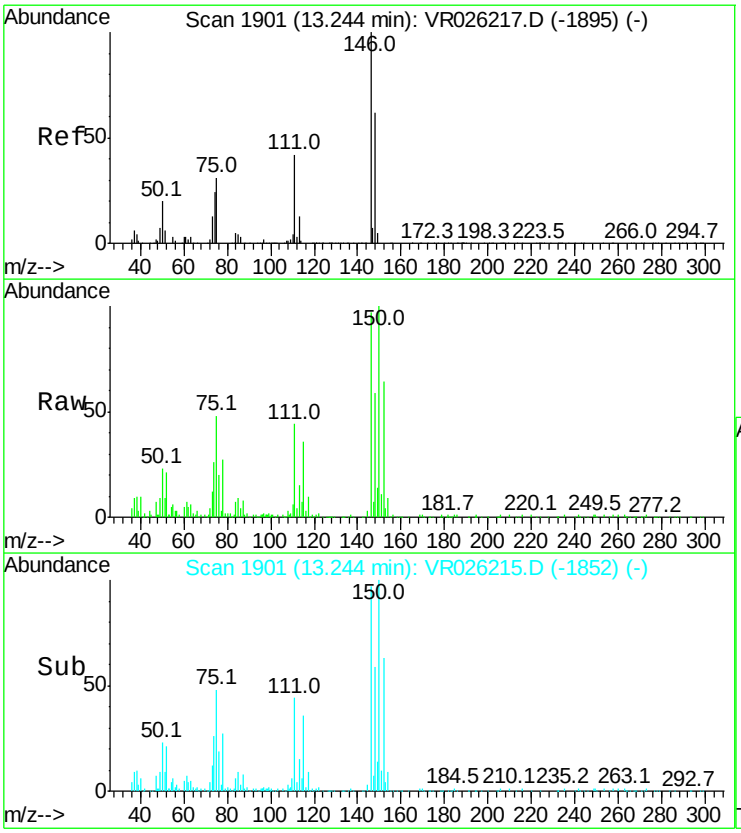
#62
1,3-Dichlorobenzene
Concen: 0.442 ug/L
RT: 13.16 min Scan# 1888
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion:146 Resp: 23219

Ion	Ratio	Lower	Upper
146	100		
111	40.8	30.5	56.7
148	61.6	43.5	80.7

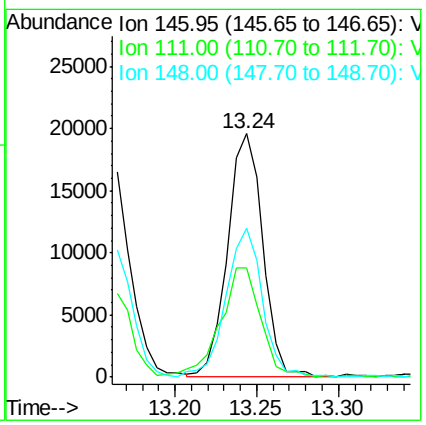


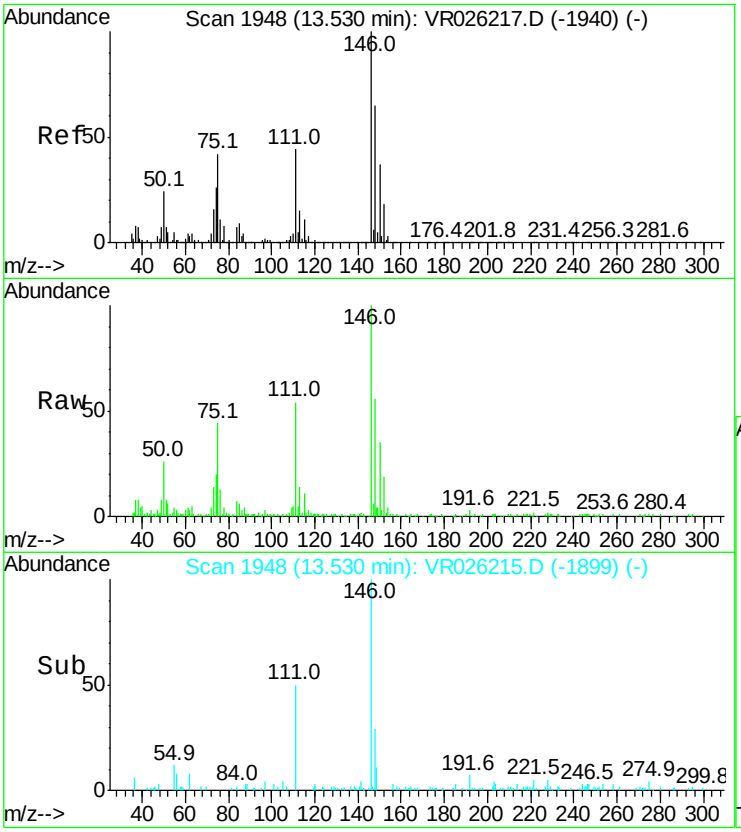


#63
1,4-Dichlorobenzene
Concen: 0.540 ug/L
RT: 13.24 min Scan# 1901
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:146 Resp: 29404

Ion	Ratio	Lower	Upper
146	100		
111	44.9	29.3	54.3
148	61.1	43.0	80.0



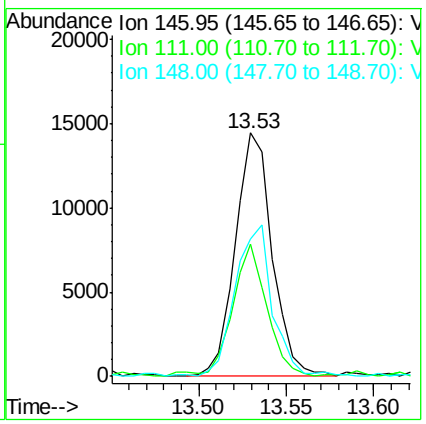


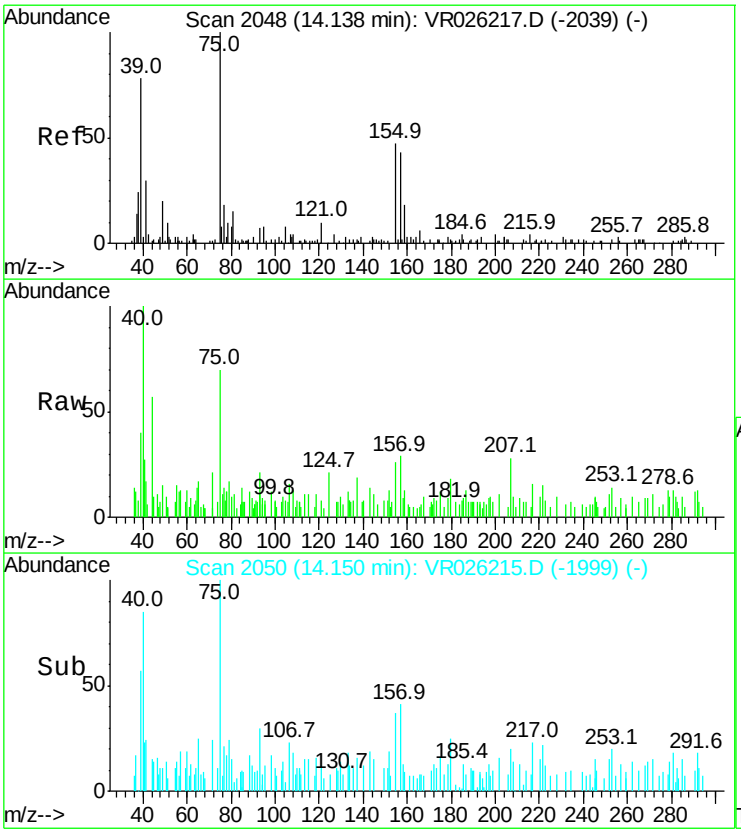
#65
1,2-Dichlorobenzene
Concen: 0.503 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion:146 Resp: 21215

Ion	Ratio	Lower	Upper
146	100		
111	54.3	35.0	52.6#
148	60.3	51.6	77.4

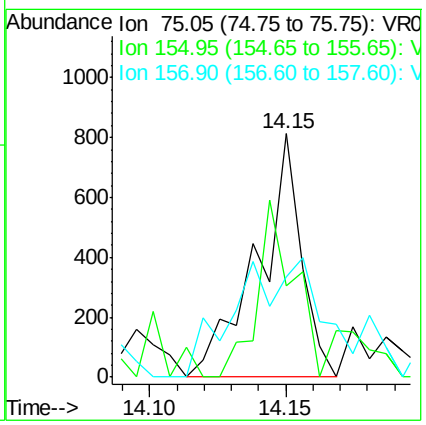


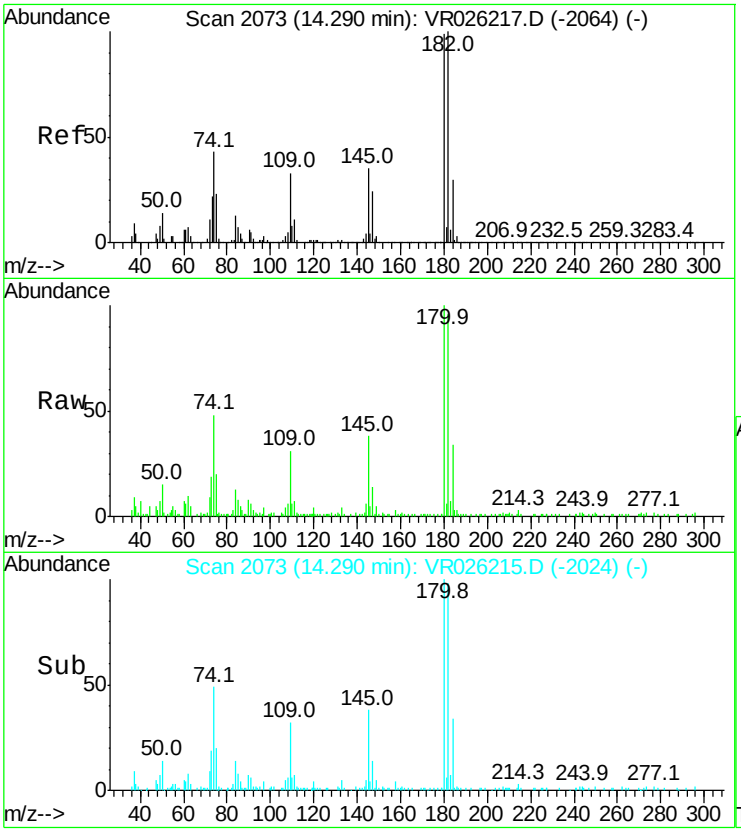


#66
1,2-Dibromo-3-chloropropane
Concen: 0.524 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion: 75 Resp: 900

Ion	Ratio	Lower	Upper
75	100		
155	37.4	37.8	56.6#
157	41.5	34.6	51.8



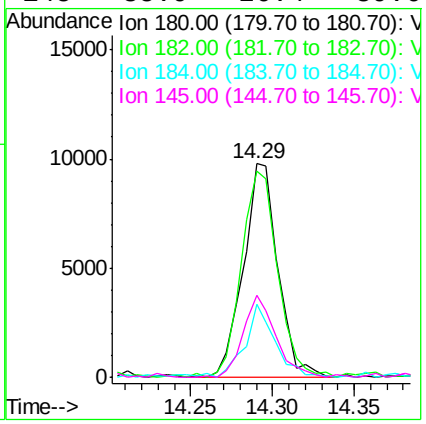


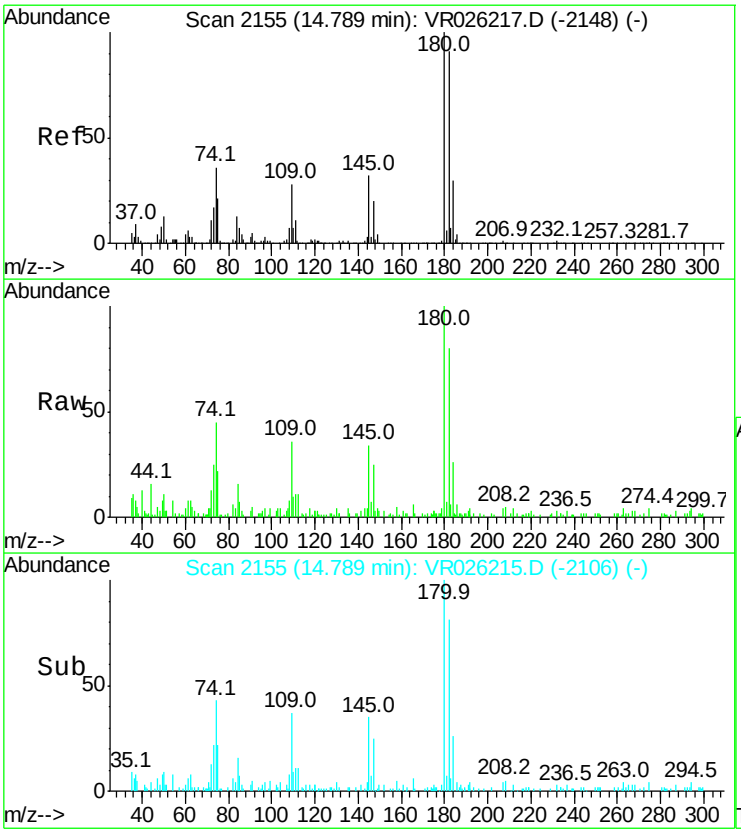
#67
1,3,5-Trichlorobenzene
Concen: 0.451 ug/L
RT: 14.29 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Tgt Ion:180 Resp: 14445

Ion	Ratio	Lower	Upper
180	100		
182	101.4	77.0	115.6
184	29.8	23.2	34.8
145	35.9	26.4	39.6

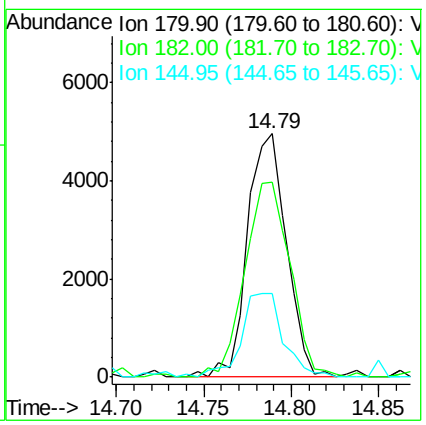


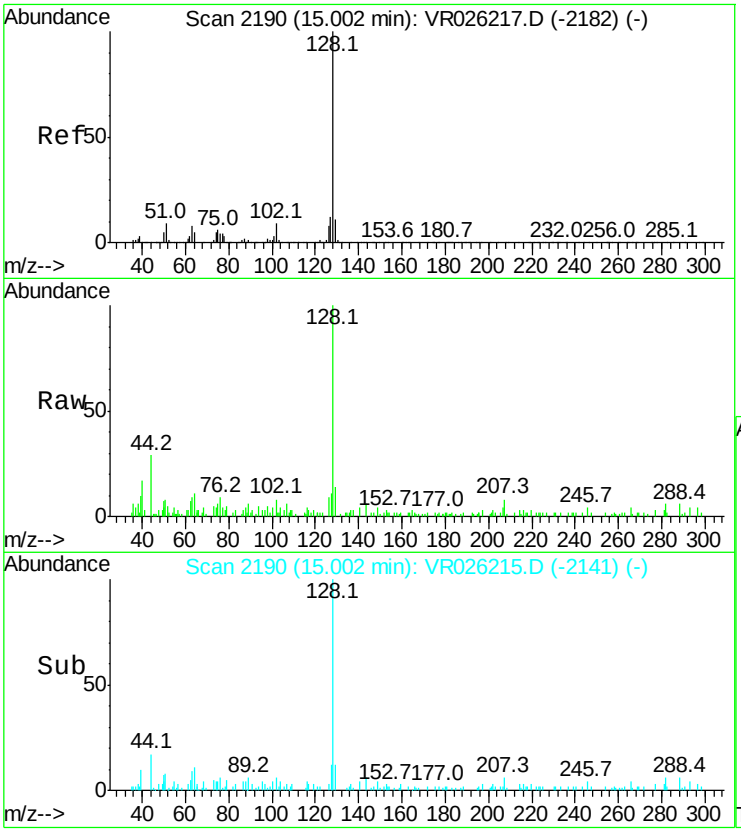


#68
1,2,4-trichlorobenzene
Concen: 0.410 ug/L
RT: 14.79 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:180 Resp: 7662

Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.0	112.6
145	37.1	27.3	40.9



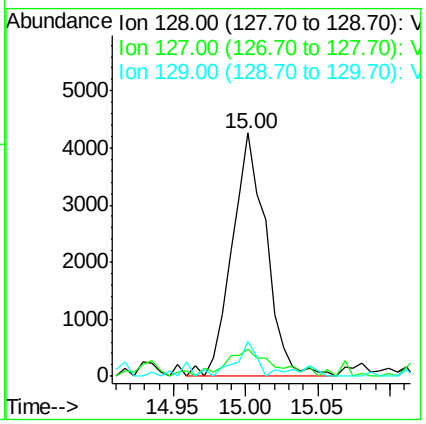


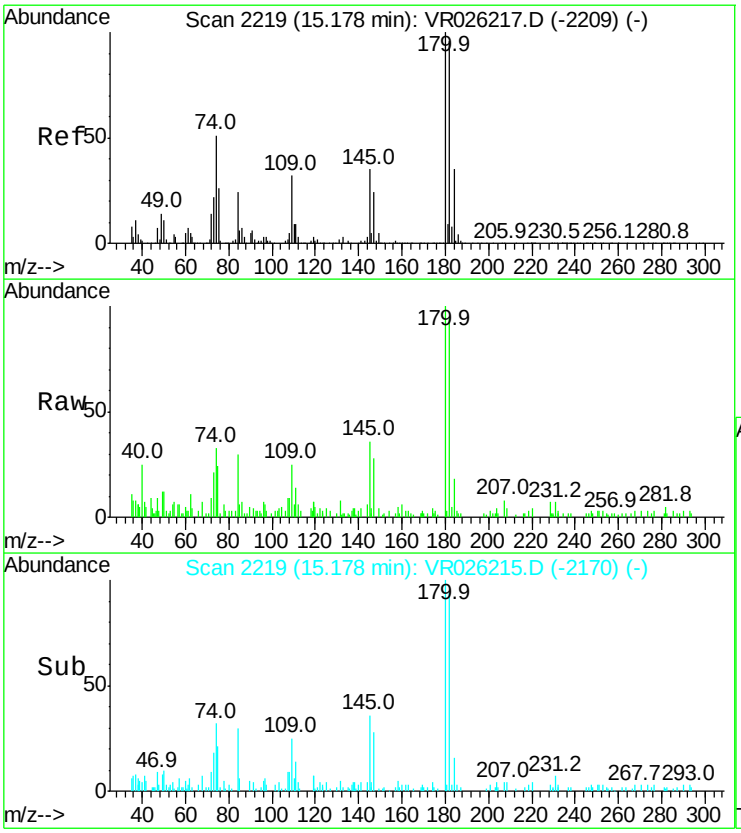
#69
Naphthalene
Concen: 0.388 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Instrument : MSVOA_R
ClientSampleId : VSTD0.581

Tgt Ion:128 Resp: 7039

Ion	Ratio	Lower	Upper
128	100		
127	15.5	9.8	14.8#
129	9.3	8.4	12.6





#70
1,2,3-Trichlorobenzene
Concen: 0.411 ug/L
RT: 15.18 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VR026215.D
Acq: 9 Nov 2018 11:13

Tgt Ion:180 Resp: 5337

Ion	Ratio	Lower	Upper
180	100		
182	106.5	77.4	116.0
145	41.5	29.3	43.9