Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051019\
Data File : VN055546.D
Acq On : 10 May 2019 12:47
Operator : JC/SP
Sample : K2758-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : IW-18

Quant Time: May 11 00:56:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	892007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1456200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1201121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	589246	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.74%			
35) Dibromofluoromethane	7.59	113	464687	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.94%			
50) Toluene-d8	10.09	98	1785554	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
62) 4-Bromofluorobenzene	12.40	95	487424	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.98%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.19	62	167173	12.003	ug/l	100
12) 1,1-Dichloroethene	3.73	96	78776	8.080	ug/l	92
13) Acrolein	3.61	56	354	0.268	ug/l	90
16) Acetone	3.82	43	11295	1.816	ug/l	94
18) Methyl Acetate	4.33	43	4106	Below Cal #		79
21) trans-1,2-Dichloroethene	5.04	96	2127	0.201	ug/l	94
24) 1,1-Dichloroethane	5.85	63	362929	16.567	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	399476	32.701	ug/l	91
31) Cyclohexane	7.66	56	21397	0.987	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	69090	4.816	ug/l #	51
38) Carbon Tetrachloride	7.67	117	86195	7.135	ug/l #	15
40) Benzene	8.04	78	13329	0.299	ug/l	92
42) 1,2-Dichloroethane	8.12	62	6097	0.390	ug/l	94
44) Trichloroethene	8.84	130	270910	25.572	ug/l	93
49) 1,4-Dioxane	9.21	88	169	0.757	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.45	63	30	12.517	ug/l #	52
60) Dibromochloromethane	10.63	129	28548	3.045	ug/l #	11
64) Tetrachloroethene	10.63	164	31869	3.238	ug/l	96
71) Bromoform	12.40	173	3375	0.588	ug/l #	1
73) Isopropylbenzene	12.25	105	1015	Below Cal #		49
75) 1,1,2,2-Tetrachloroethane	12.55	83	131	Below Cal #		25
76) 1,2,3-Trichloropropane	12.40	75	243271	29.483	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	243271	108.788	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.91	180	845	3.381	ug/l #	59
94) Hexachlorobutadiene	15.00	225	451	Below Cal #		74
95) Naphthalene	15.14	128	3490	3.197	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.32	180	1370	2.691	ug/l	78

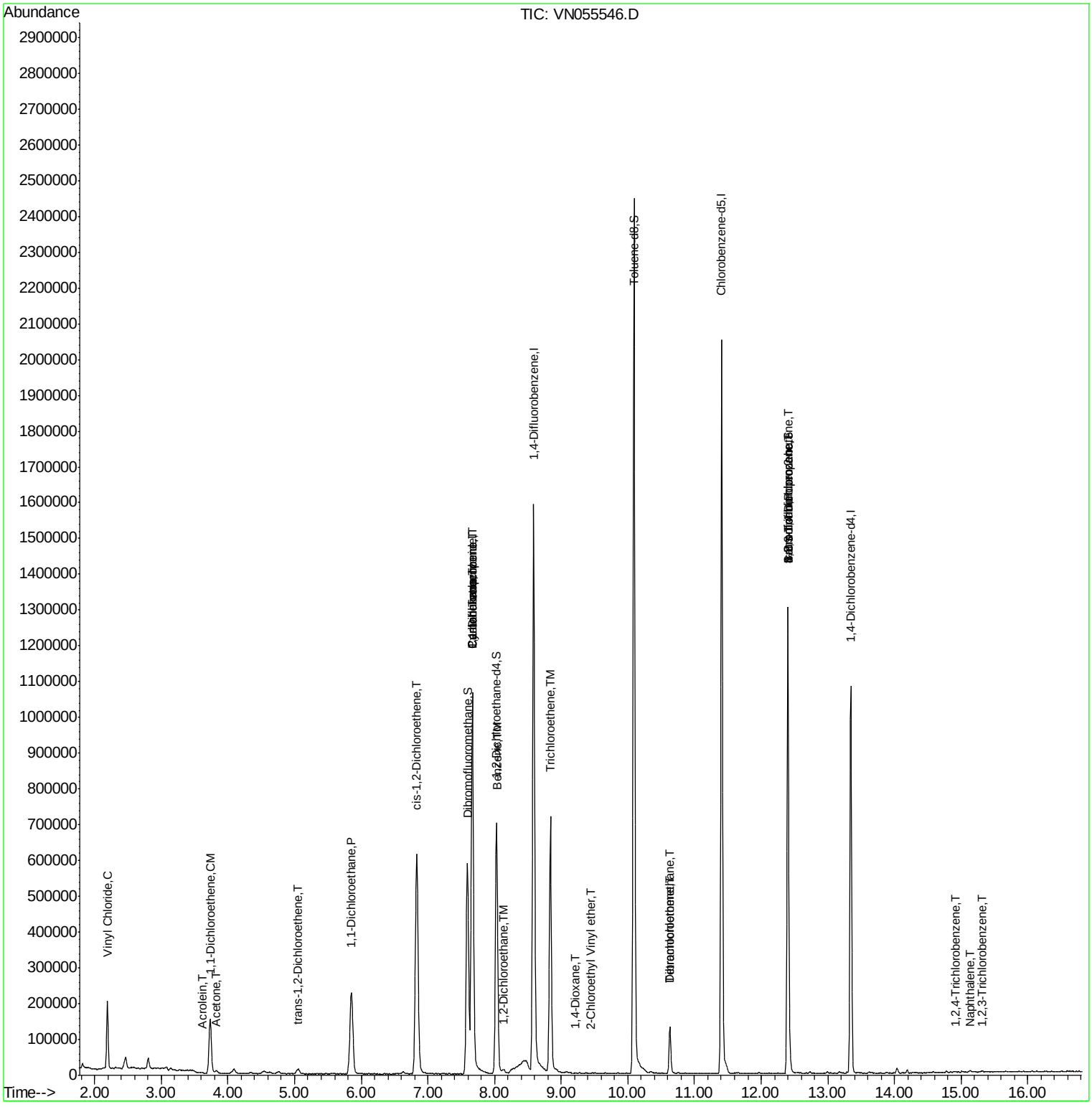
(#) = qualifier out of range (m) = manual integration (+) = signals summed

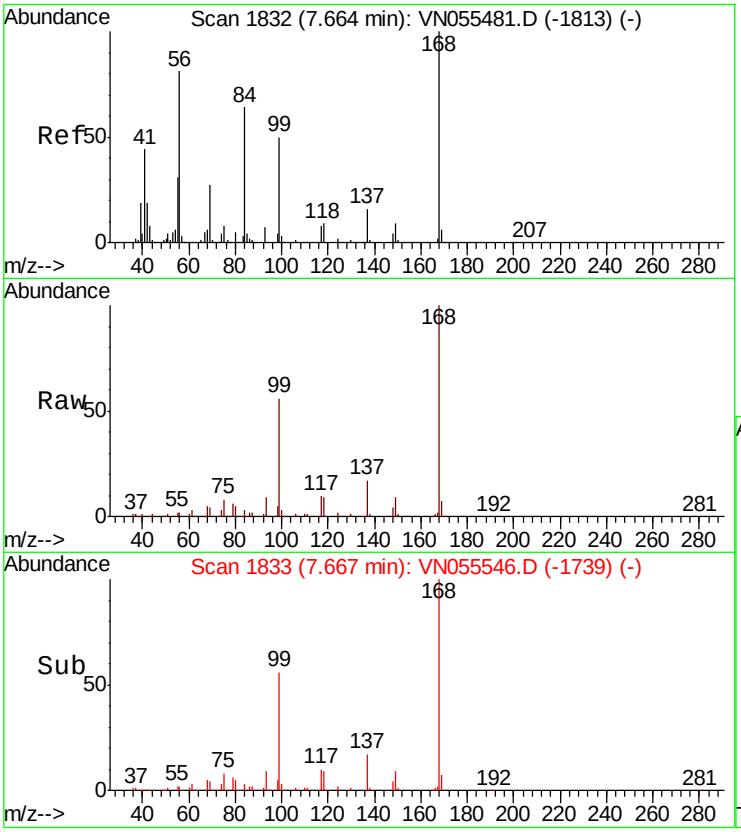
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051019\
Data File : VN055546.D
Acq On : 10 May 2019 12:47
Operator : JC/SP
Sample : K2758-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : IW-18

Quant Time: May 11 00:56:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration



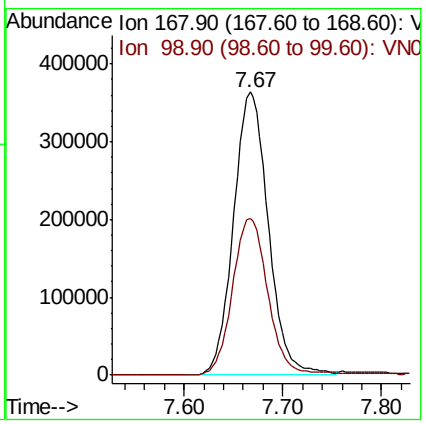


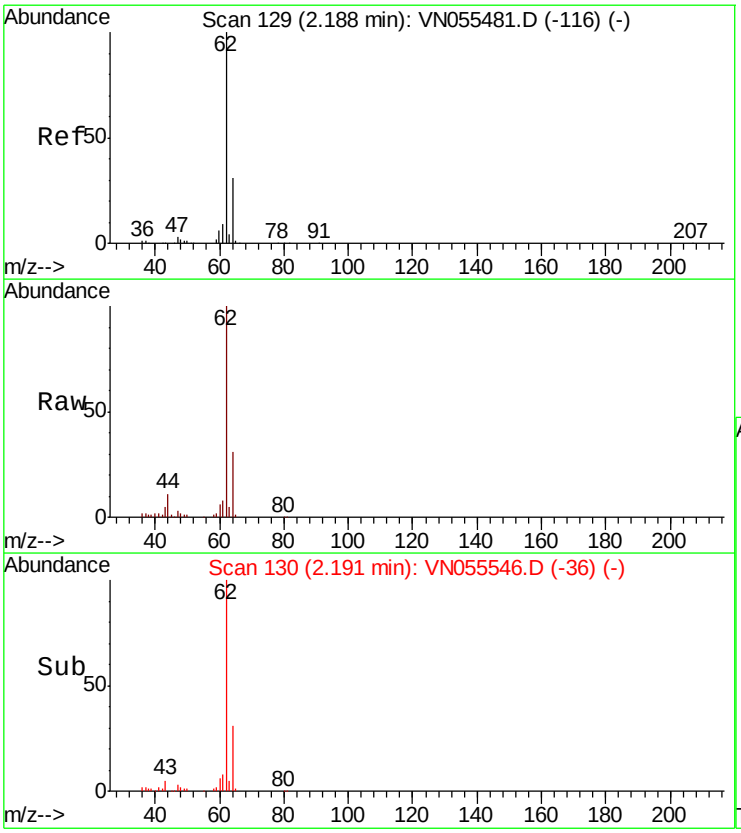
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
IW-18

Tgt Ion:168 Resp: 892007

Ion	Ratio	Lower	Upper
168	100		
99	55.5	47.0	70.4

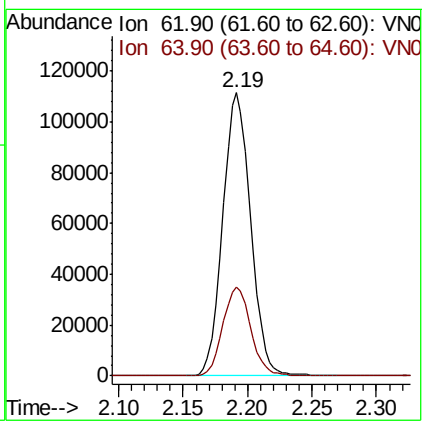


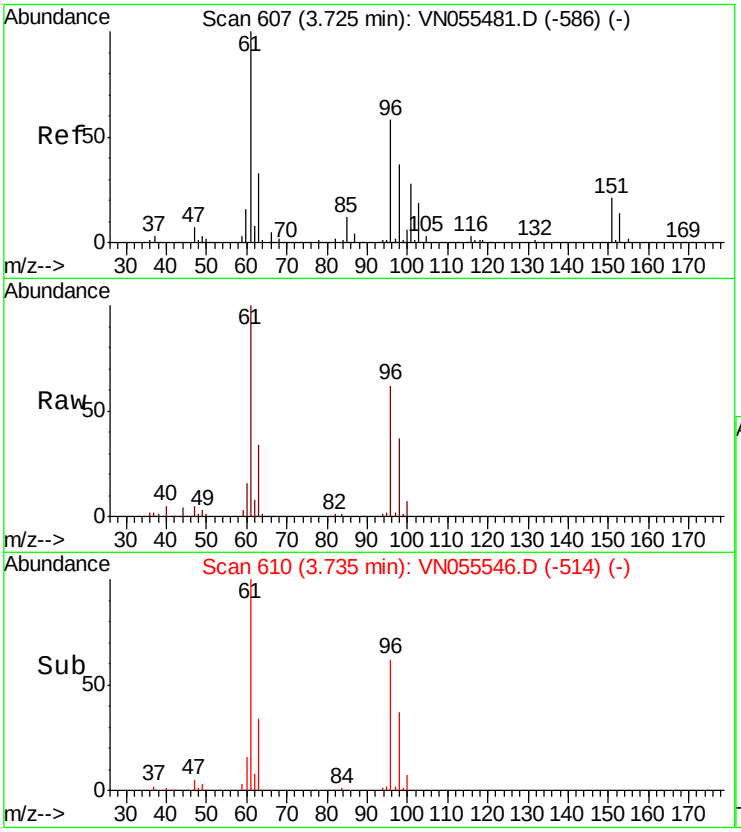


#4
Vinyl Chloride
Concen: 12.003 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 62 Resp: 167173

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.0	37.6



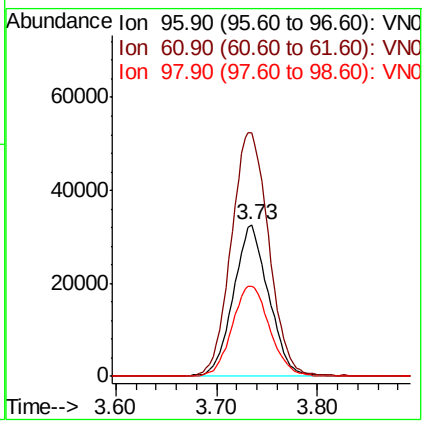


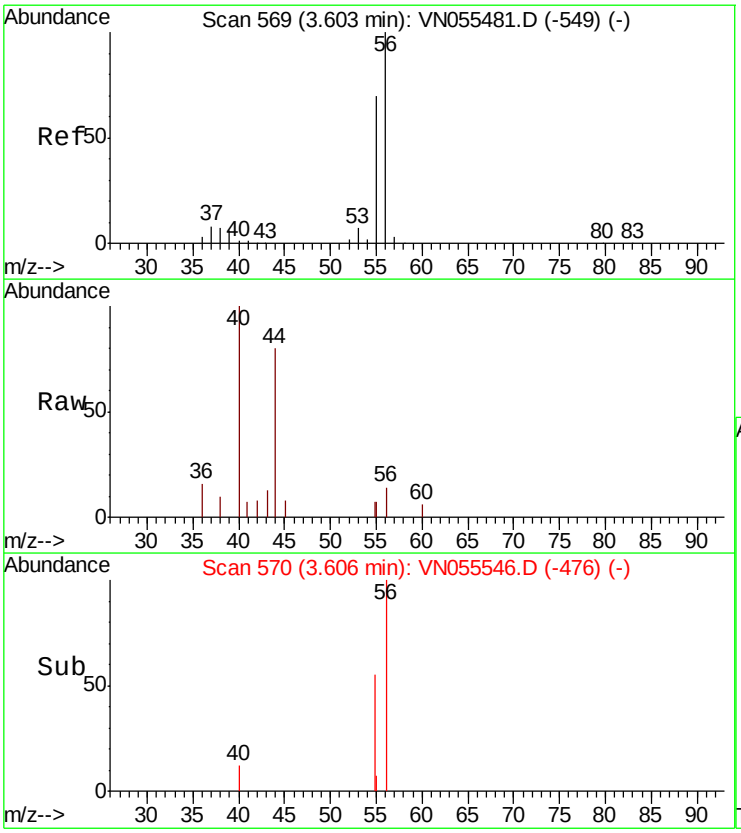
#12
1,1-Dichloroethene
Concen: 8.080 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.01 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion: 96 Resp: 78776

Ion	Ratio	Lower	Upper
96	100		
61	160.4	138.7	208.1
98	59.7	50.6	76.0

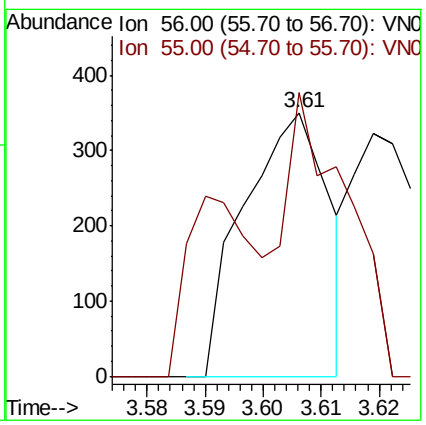


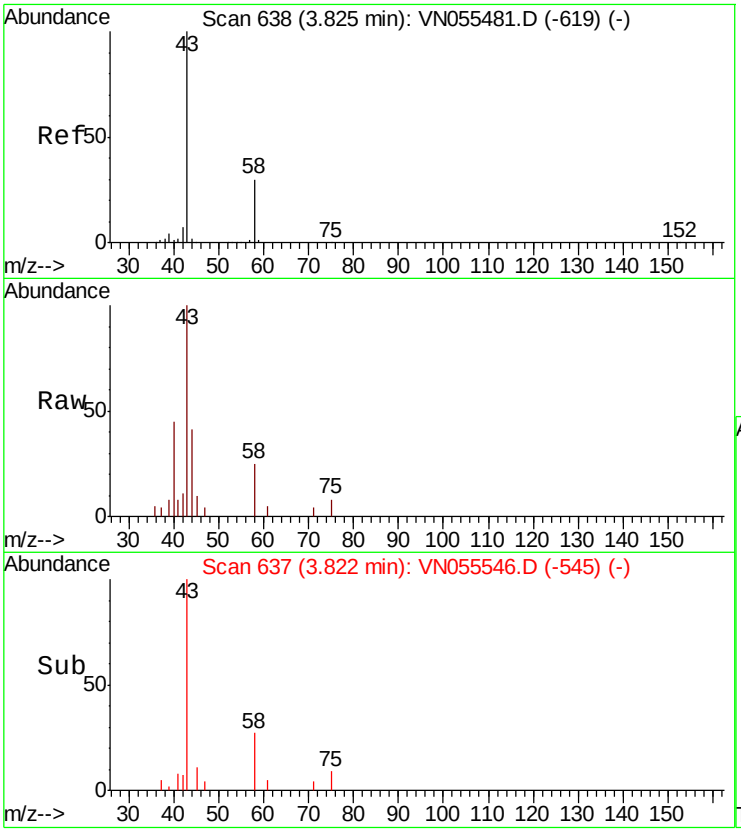


#13
Acrolein
Concen: 0.268 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 56 Resp: 354

Ion	Ratio	Lower	Upper
56	100		
55	80.8	57.7	86.5



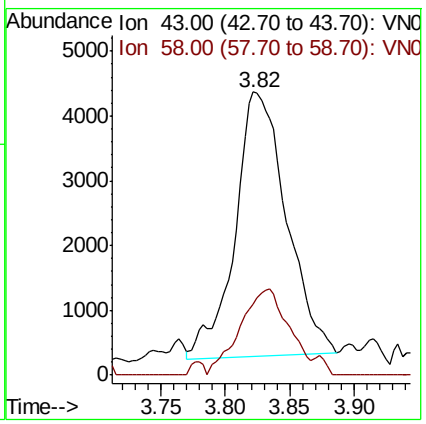


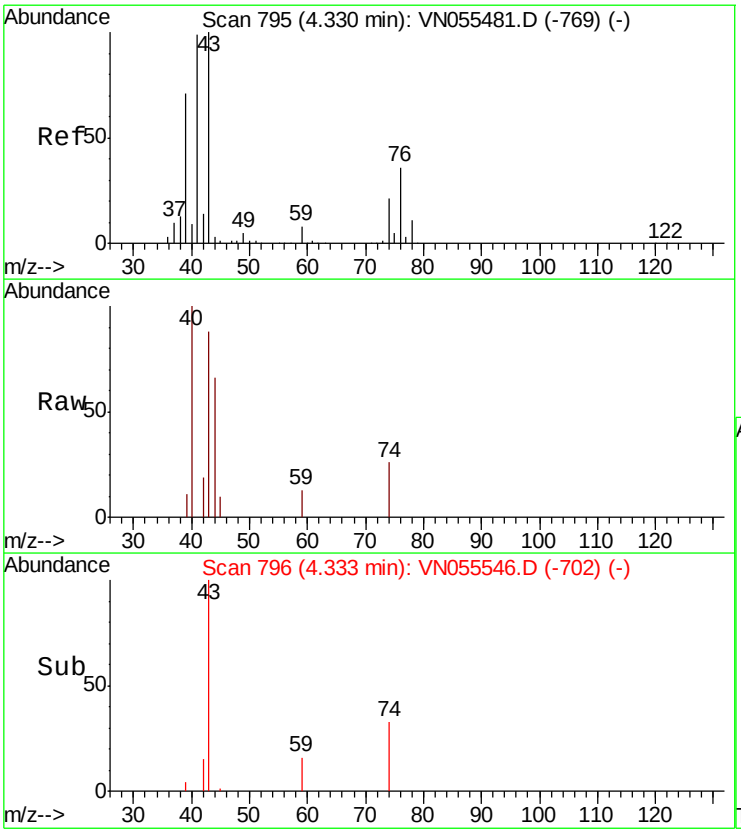
#16
Acetone
Concen: 1.816 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
IW-18

Tgt Ion: 43 Resp: 11295

Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.2	36.2

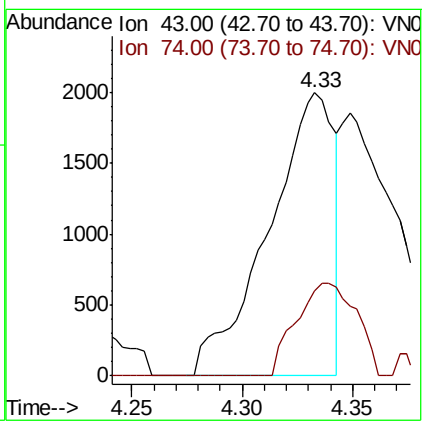


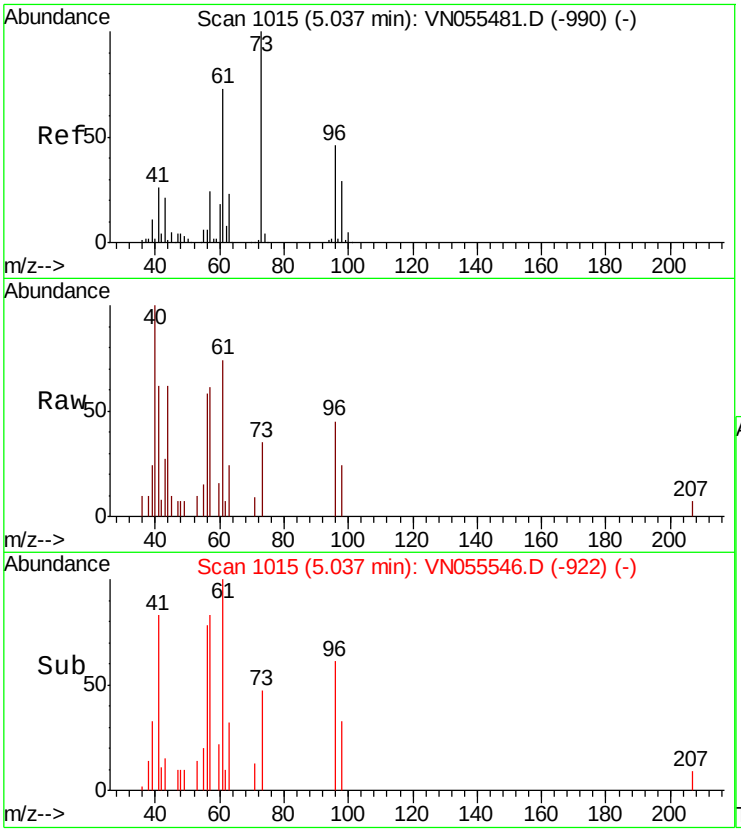


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 43 Resp: 4106

Ion	Ratio	Lower	Upper
43	100		
74	30.0	16.3	24.5#



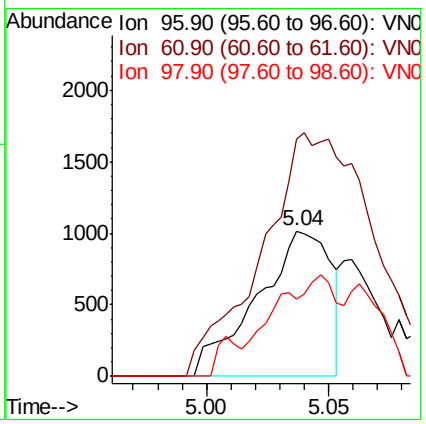


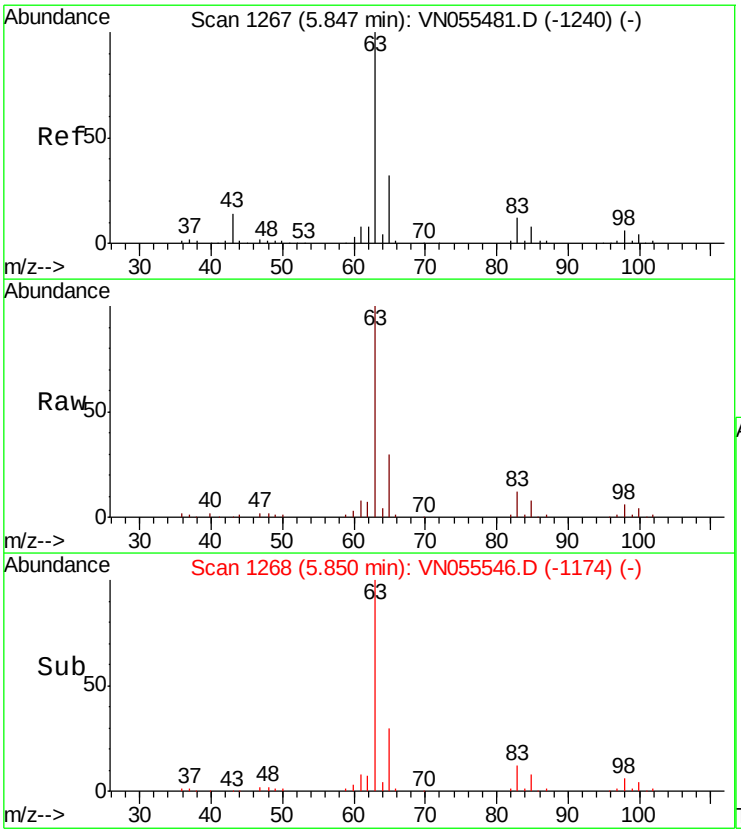
#21
trans-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion: 96 Resp: 2127

Ion	Ratio	Lower	Upper
96	100		
61	163.2	127.4	191.0
98	53.2	51.6	77.4

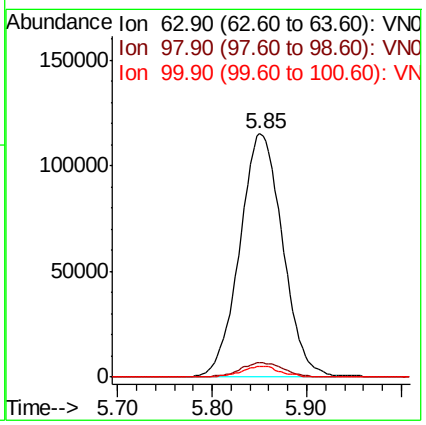


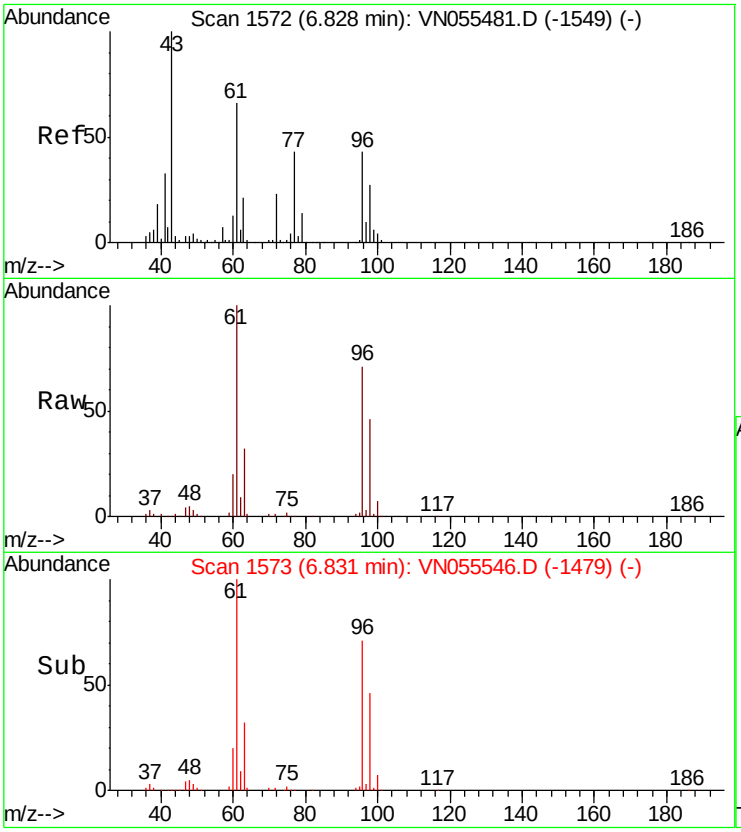


#24
1,1-Dichloroethane
Concen: 16.567 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 63 Resp: 362929

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.0	9.0
100	4.3	1.9	5.7



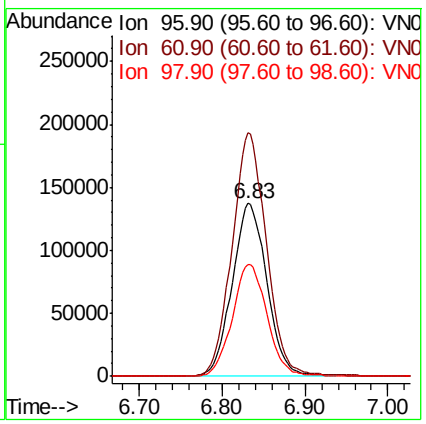


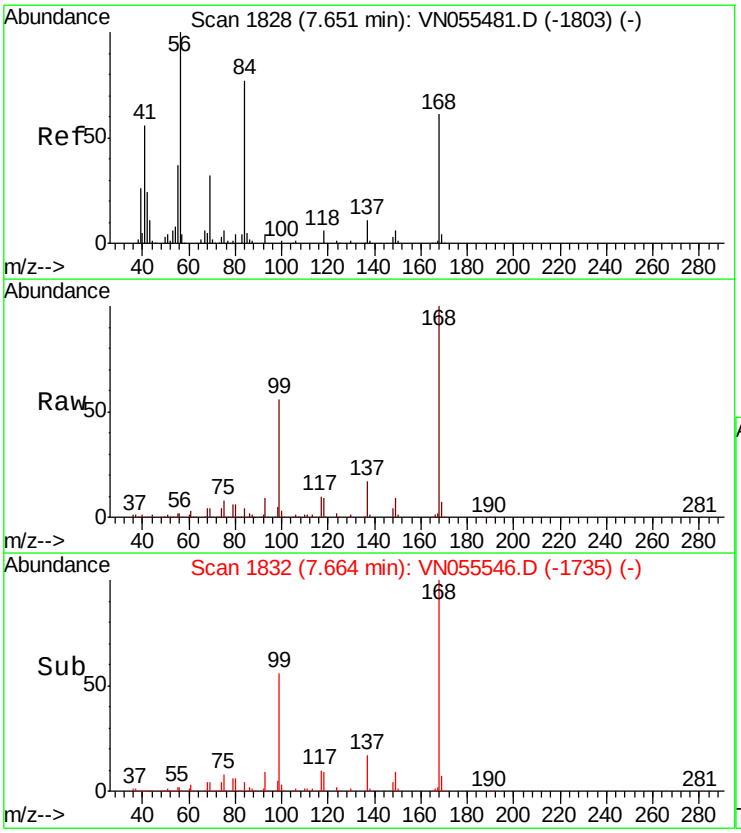
#27
cis-1,2-Dichloroethene
Concen: 32.701 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion: 96 Resp: 399476

Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	310.8
98	65.0	0.0	129.4

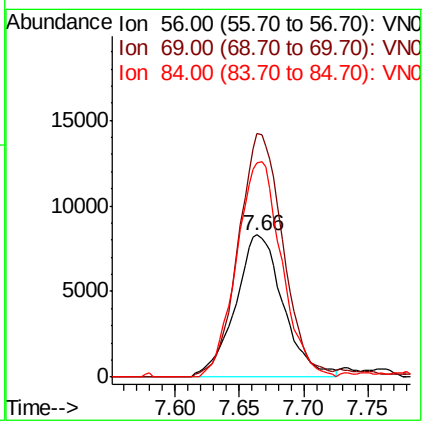


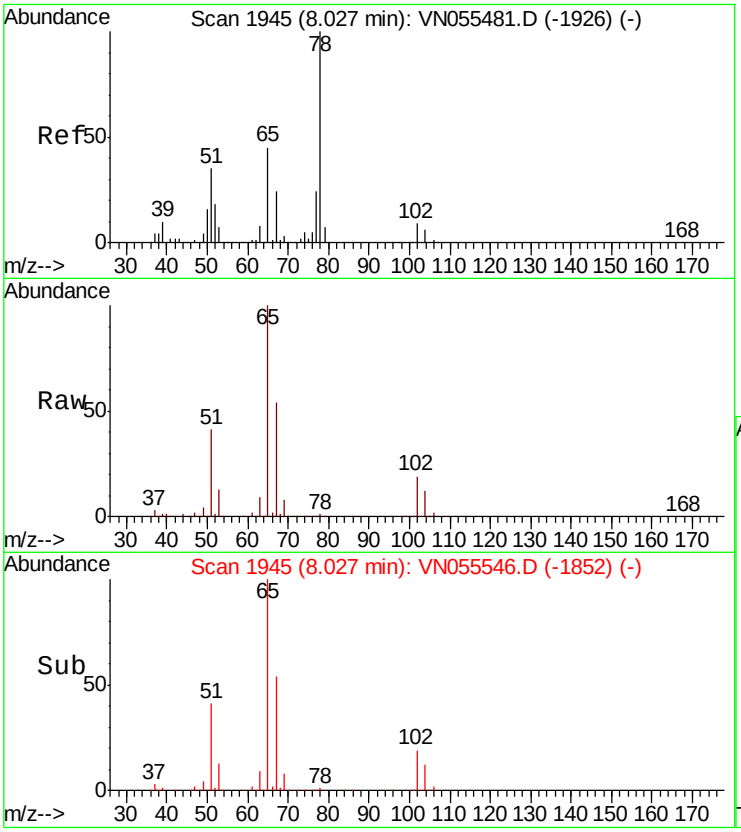


#31
Cyclohexane
Concen: 0.987 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 56 Resp: 21397

Ion	Ratio	Lower	Upper
56	100		
69	171.3	26.0	39.0#
84	150.9	61.9	92.9#



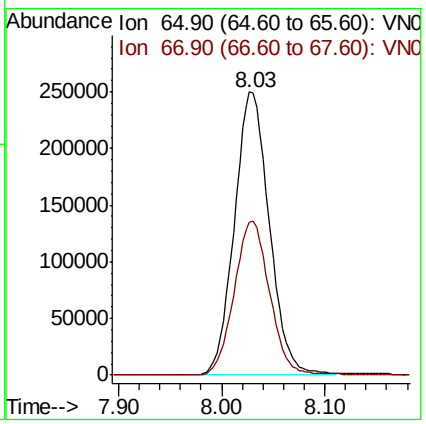


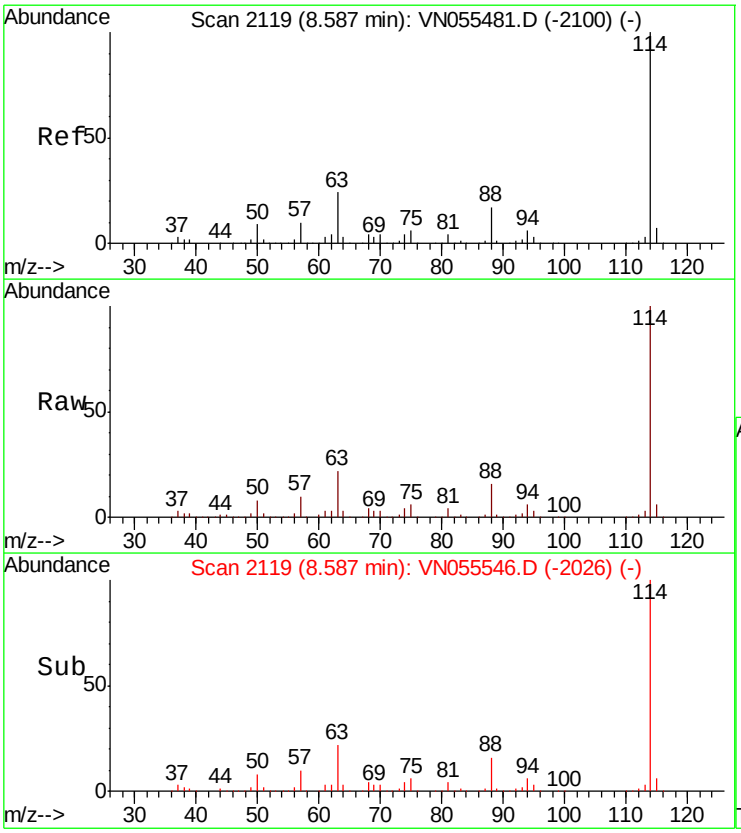
#33
1,2-Dichloroethane-d4
Concen: 43.873 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion: 65 Resp: 589246

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	109.6

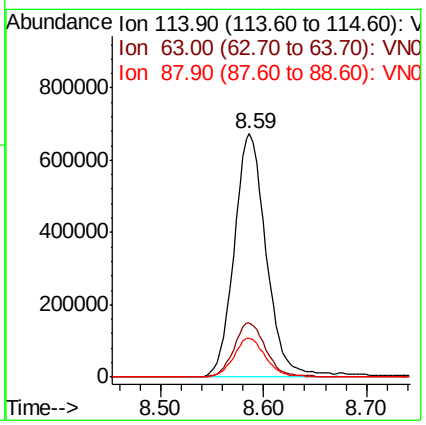


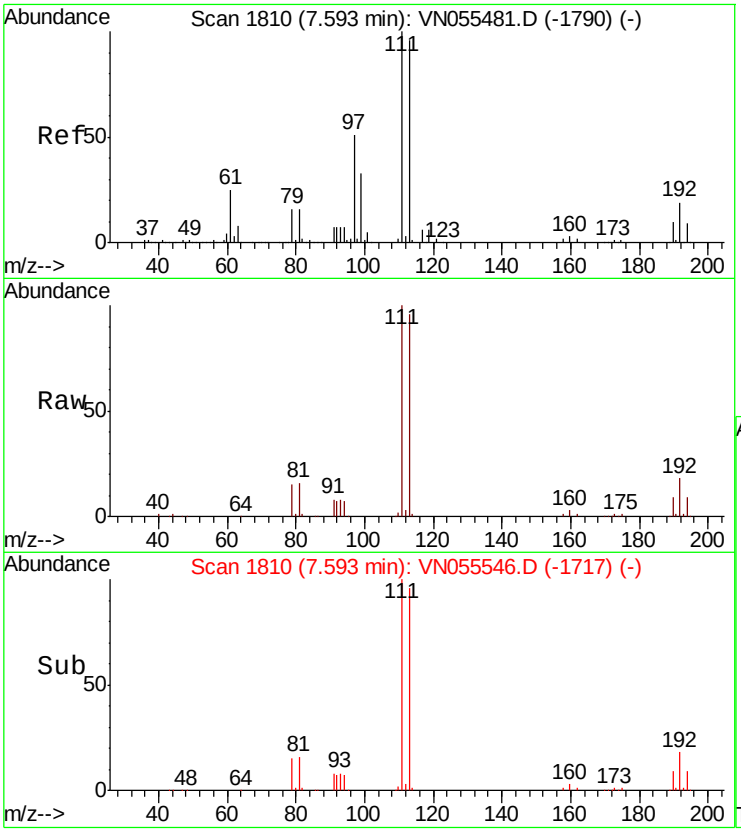


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:114 Resp: 1456200

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.4
88	16.0	0.0	34.0



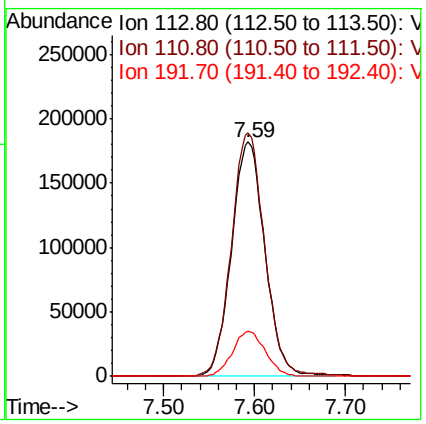


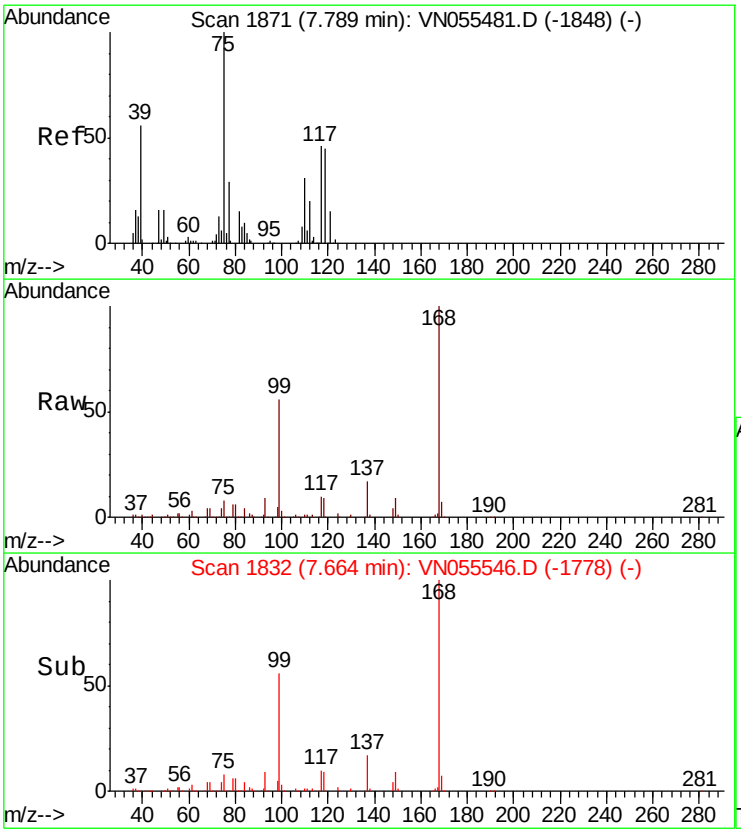
#35
Dibromofluoromethane
Concen: 49.468 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion:113 Resp: 464687

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	19.0	15.6	23.4

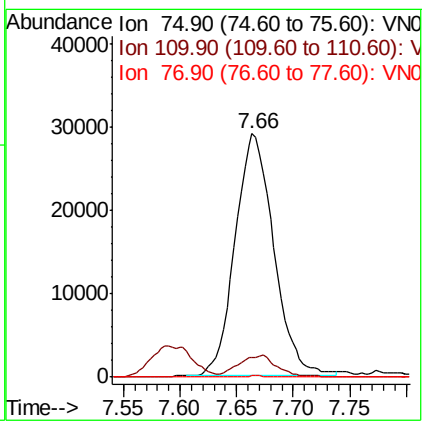


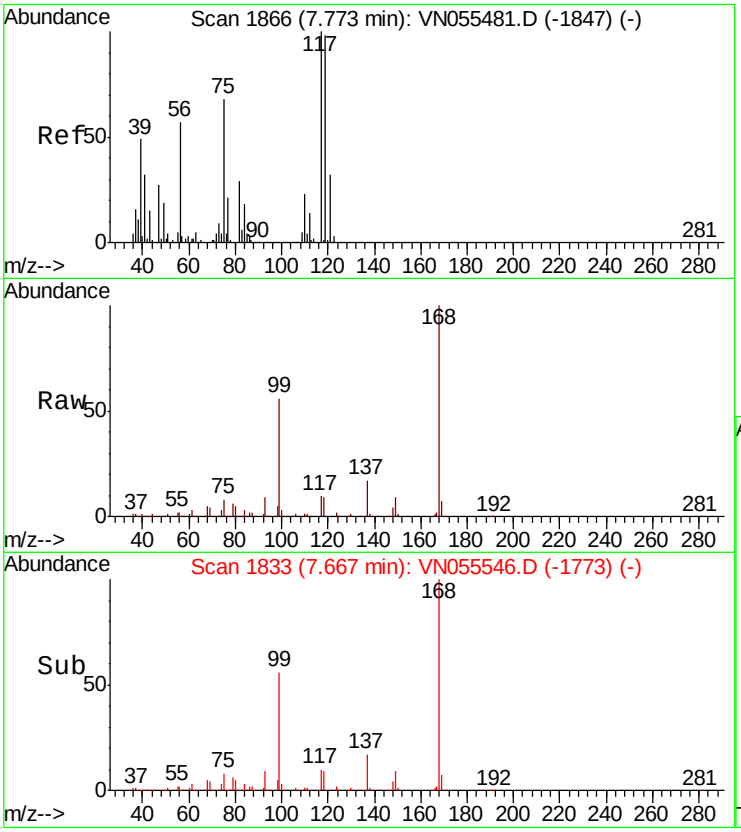


#36
1,1-Dichloropropene
Concen: 4.816 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 75 Resp: 69090

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.1	48.3#
77	0.2	24.6	37.0#



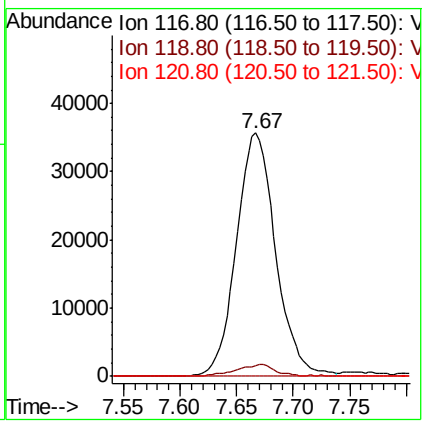


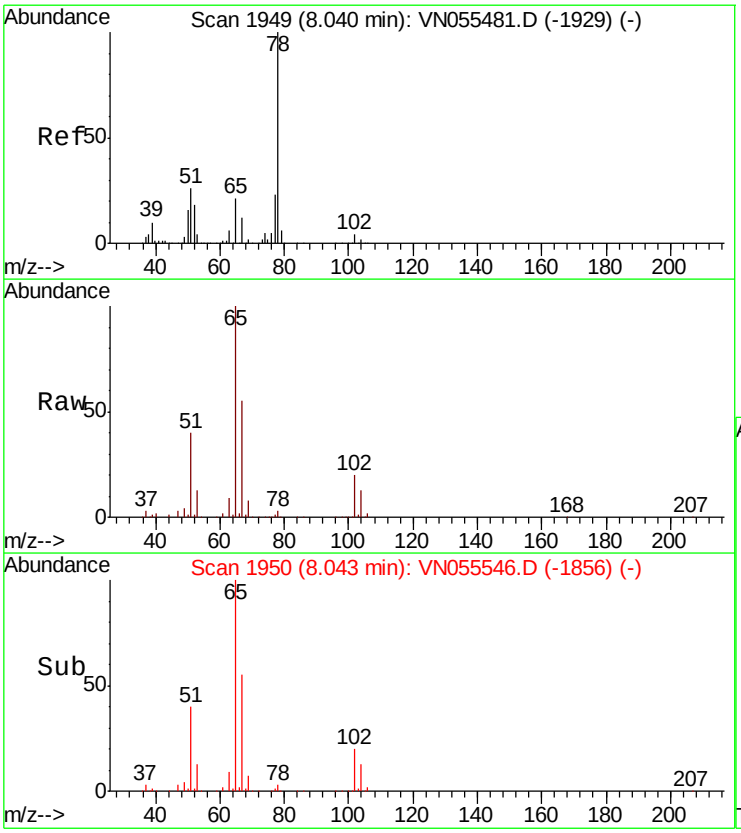
#38
Carbon Tetrachloride
Concen: 7.135 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion:117 Resp: 86195

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.8	116.6#
121	0.0	25.2	37.8#

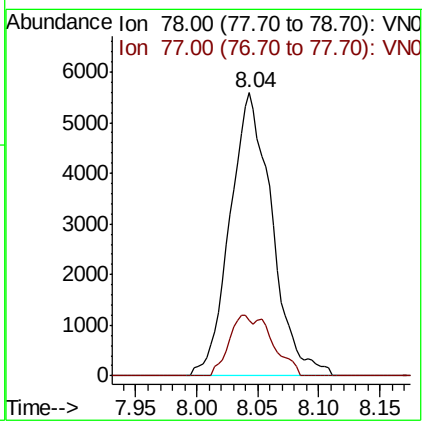


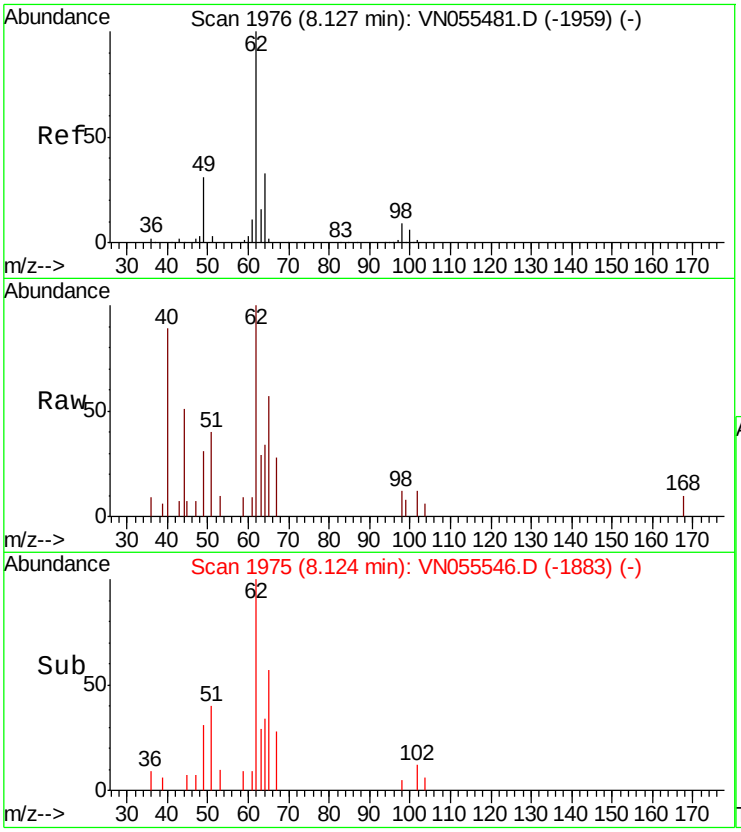


#40
Benzene
Concen: 0.299 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 78 Resp: 13329

Ion	Ratio	Lower	Upper
78	100		
77	19.5	18.6	27.8



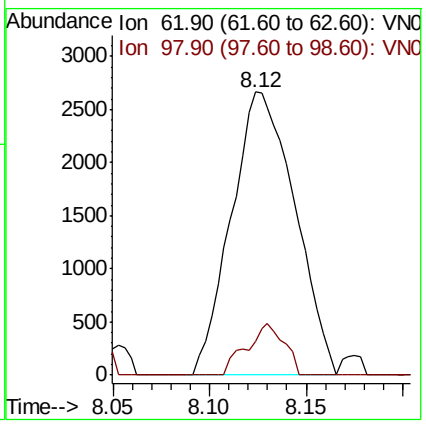


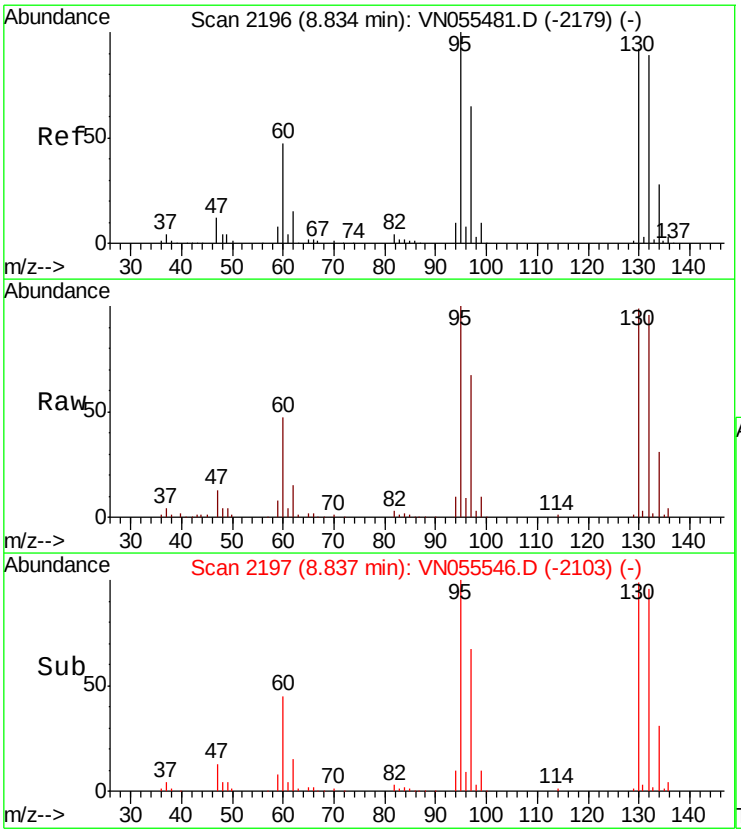
#42
1,2-Dichloroethane
Concen: 0.390 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
IW-18

Tgt Ion: 62 Resp: 6097

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	17.4

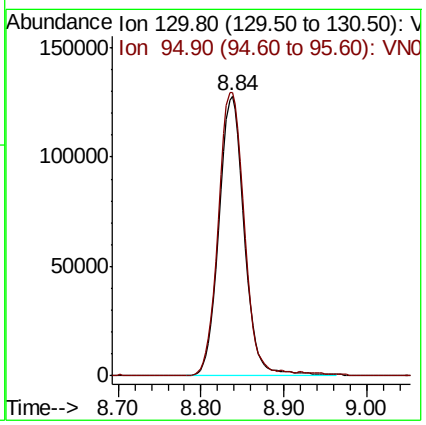


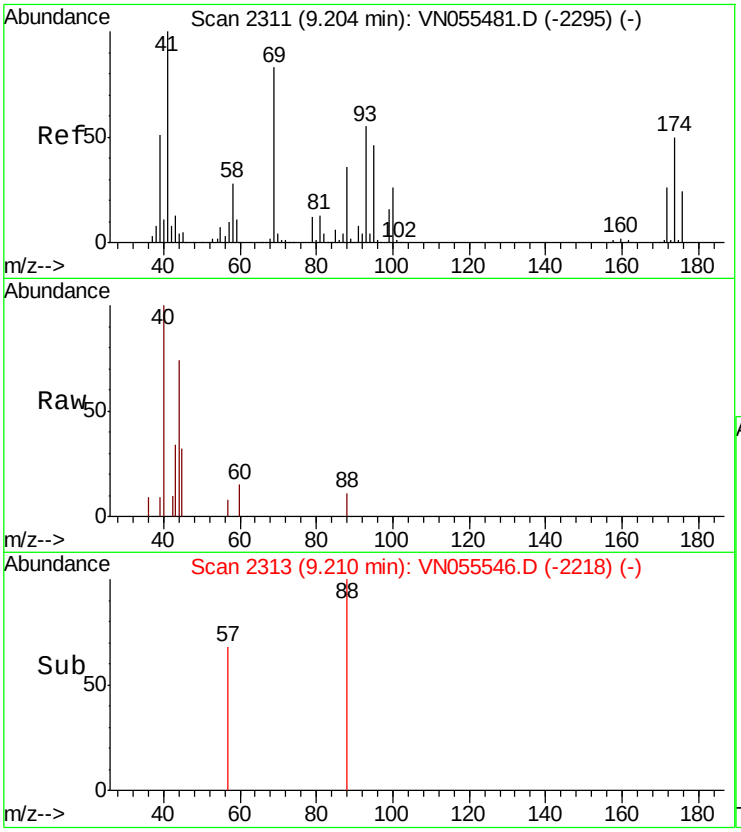


#44
Trichloroethene
Concen: 25.572 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:130 Resp: 270910

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	216.8



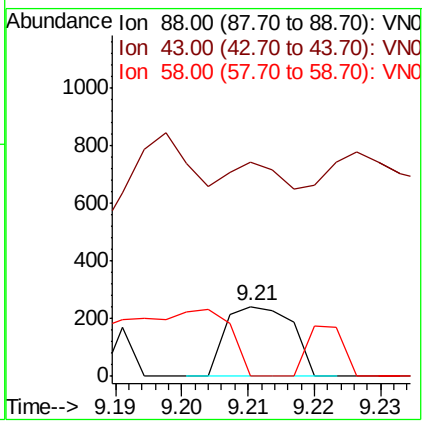


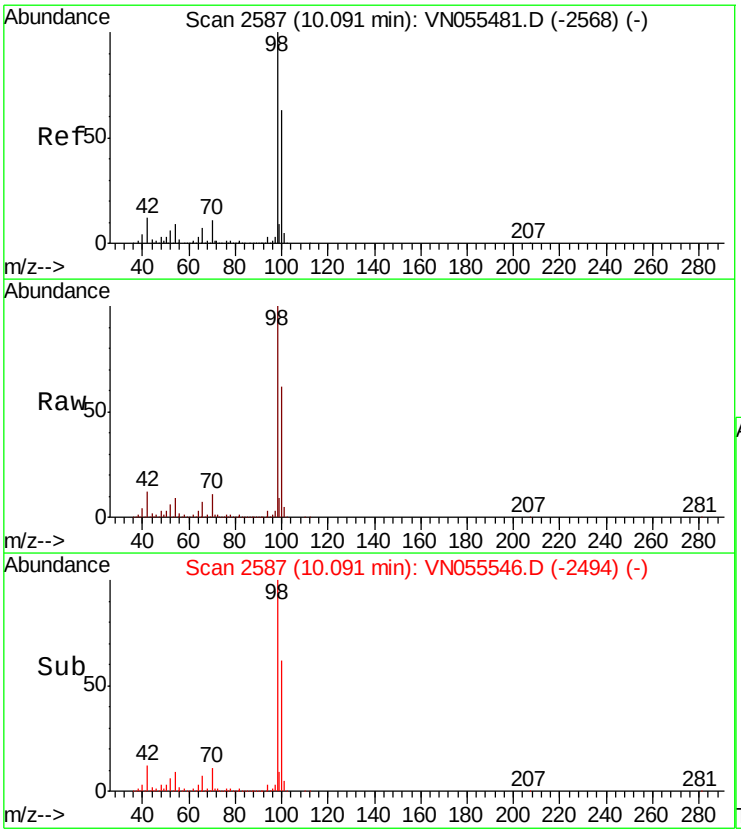
#49
1,4-Dioxane
Concen: 0.757 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
IW-18

Tgt Ion: 88 Resp: 169

Ion	Ratio	Lower	Upper
88	100		
43	127.2	27.8	41.8#
58	161.5	61.8	92.6#

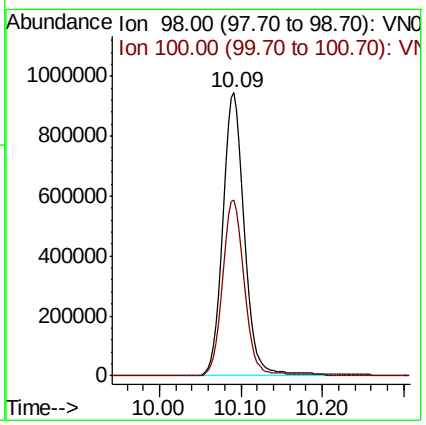


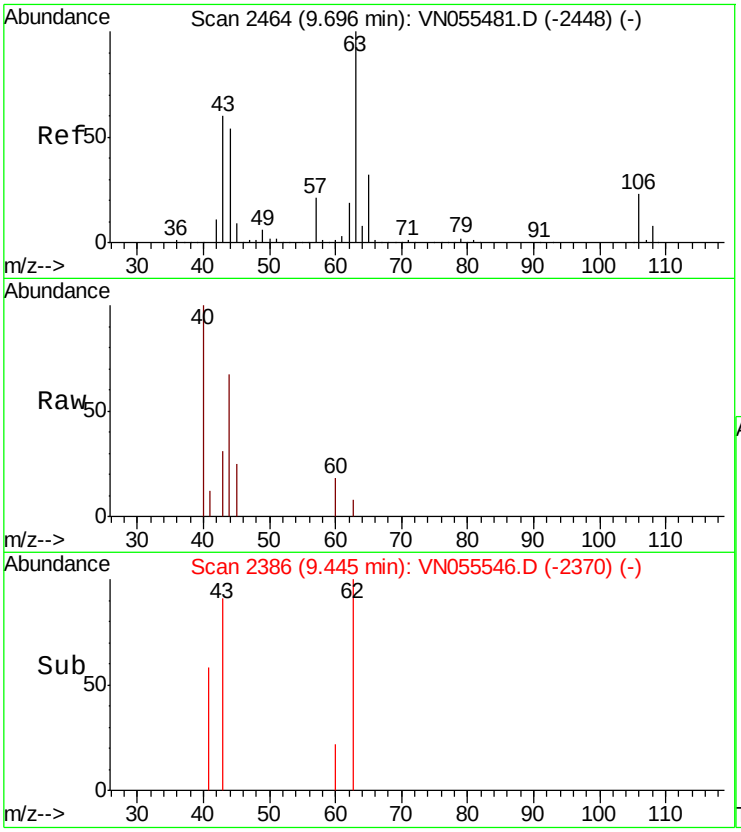


#50
Toluene-d8
Concen: 48.777 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 98 Resp: 1785554

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.4	75.6



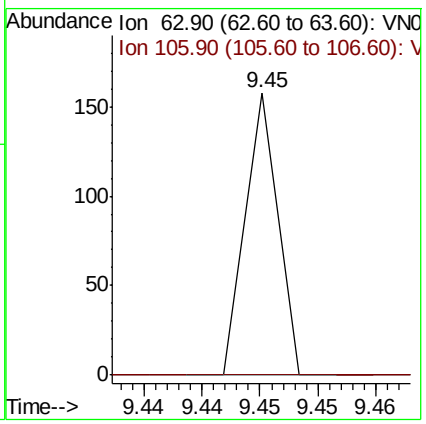


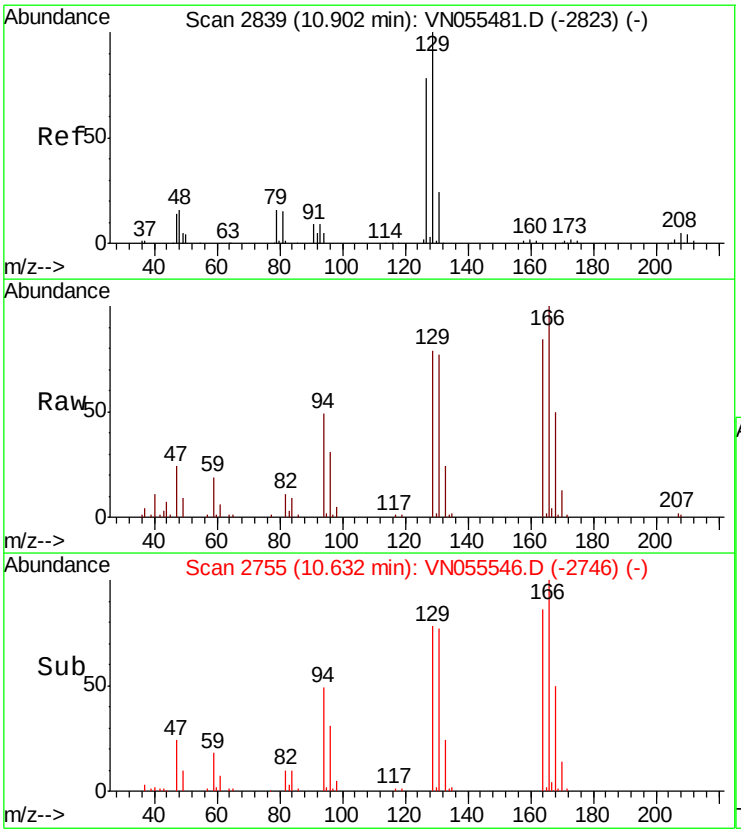
#58
2-Chloroethyl Vinyl ether
Concen: 12.517 ug/l
RT: 9.45 min Scan# 2386
Delta R.T. -0.25 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion: 63 Resp: 30

Ion	Ratio	Lower	Upper
63	100		
106	0.0	18.6	27.8#

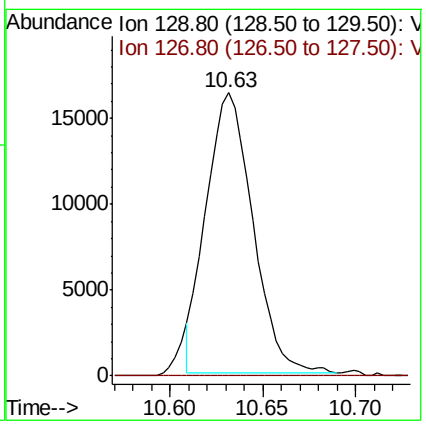


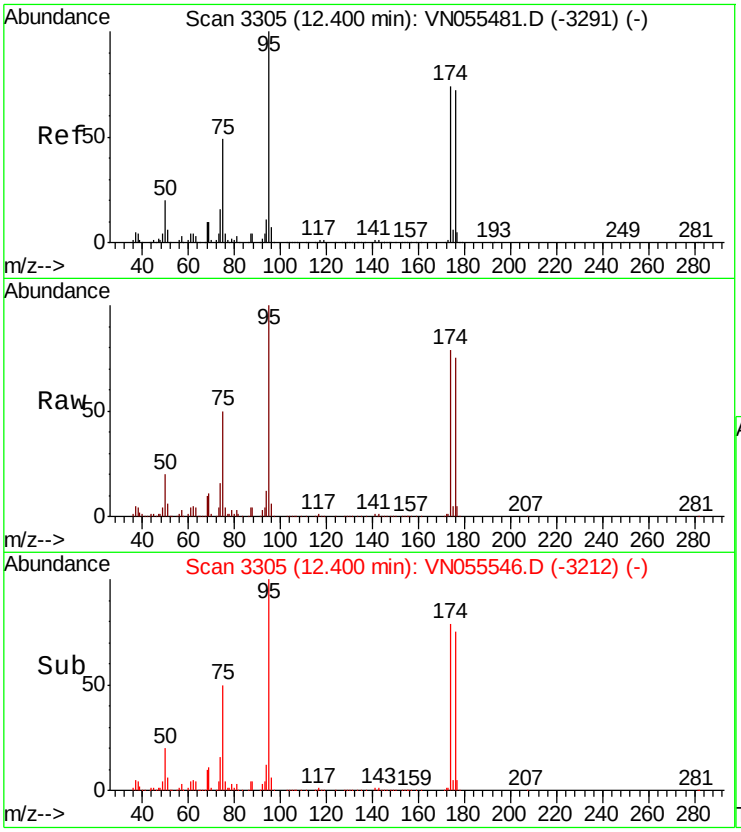


#60
Dibromochloromethane
Concen: 3.045 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:129 Resp: 28548

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	116.0#



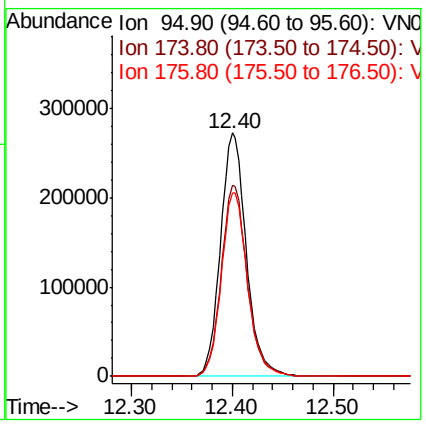


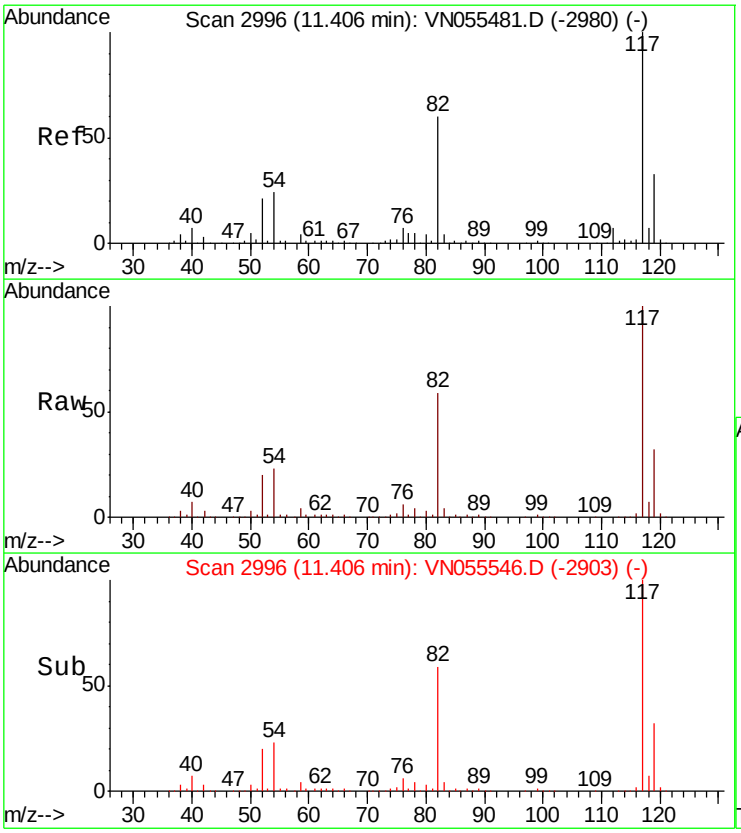
#62
4-Bromofluorobenzene
Concen: 39.490 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
IW-18

Tgt Ion: 95 Resp: 487424

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	152.2
176	76.4	0.0	147.8

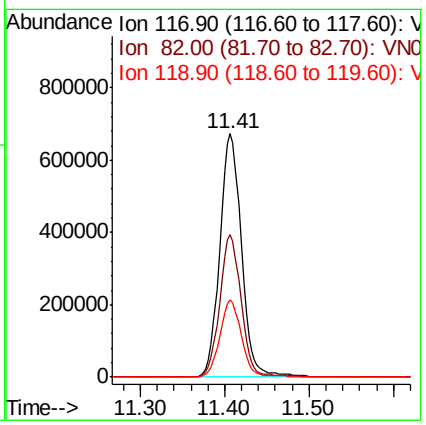


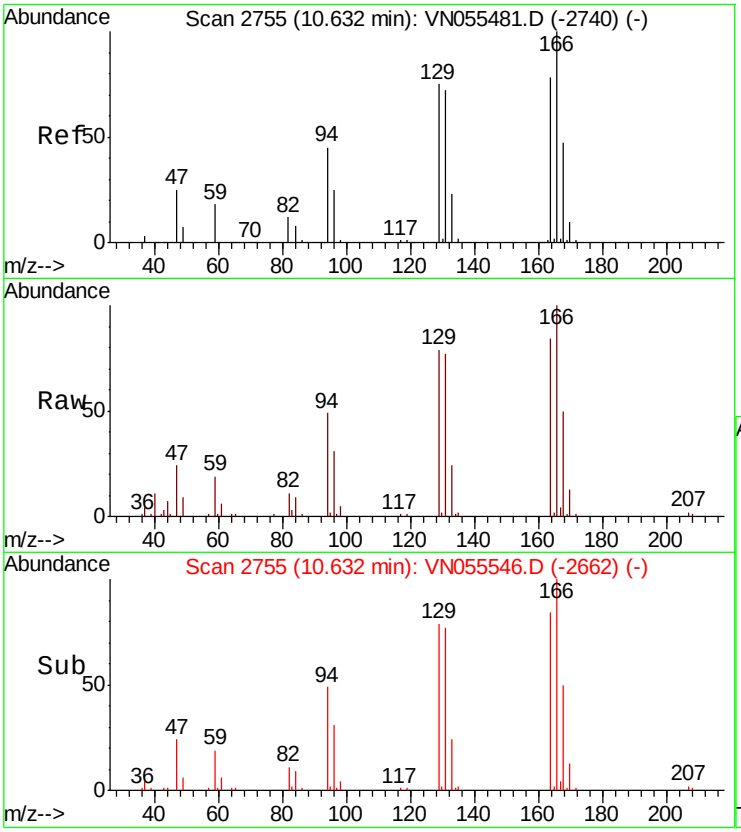


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:117 Resp: 1201121

Ion	Ratio	Lower	Upper
117	100		
82	58.6	48.0	72.0
119	31.9	26.0	39.0



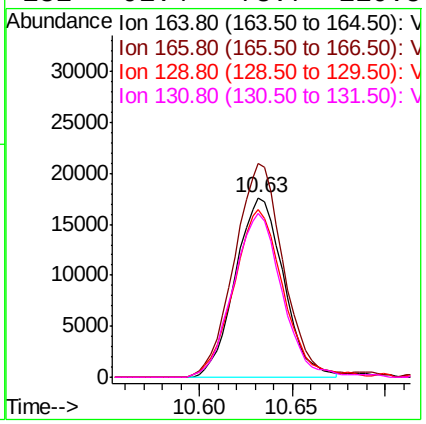


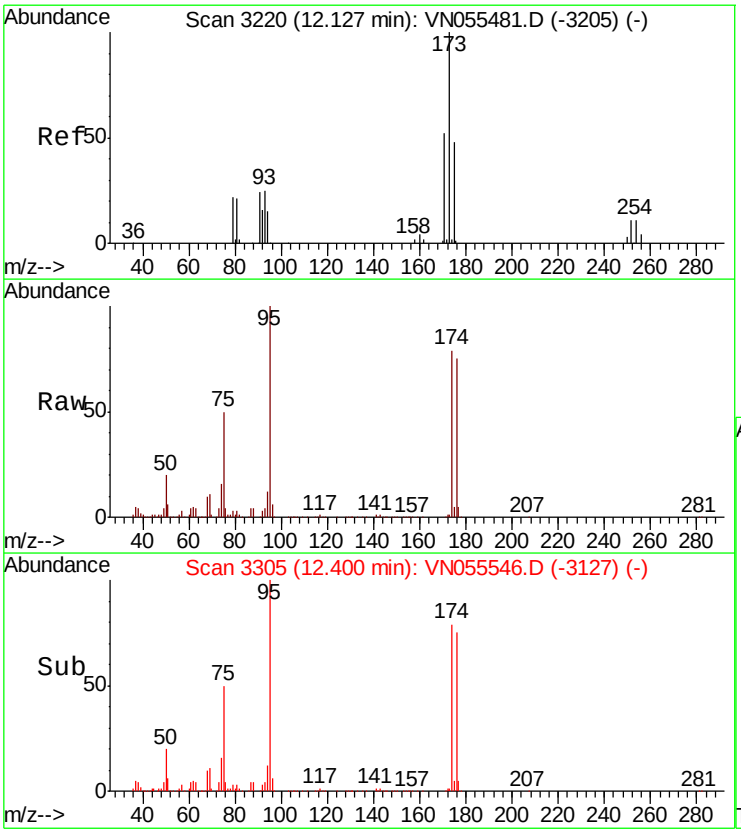
#64
Tetrachloroethene
Concen: 3.238 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion:164 Resp: 31869

Ion	Ratio	Lower	Upper
164	100		
166	119.0	102.6	153.8
129	93.6	77.0	115.6
131	91.4	73.7	110.5

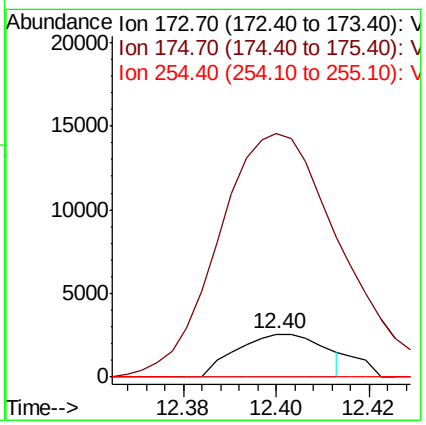


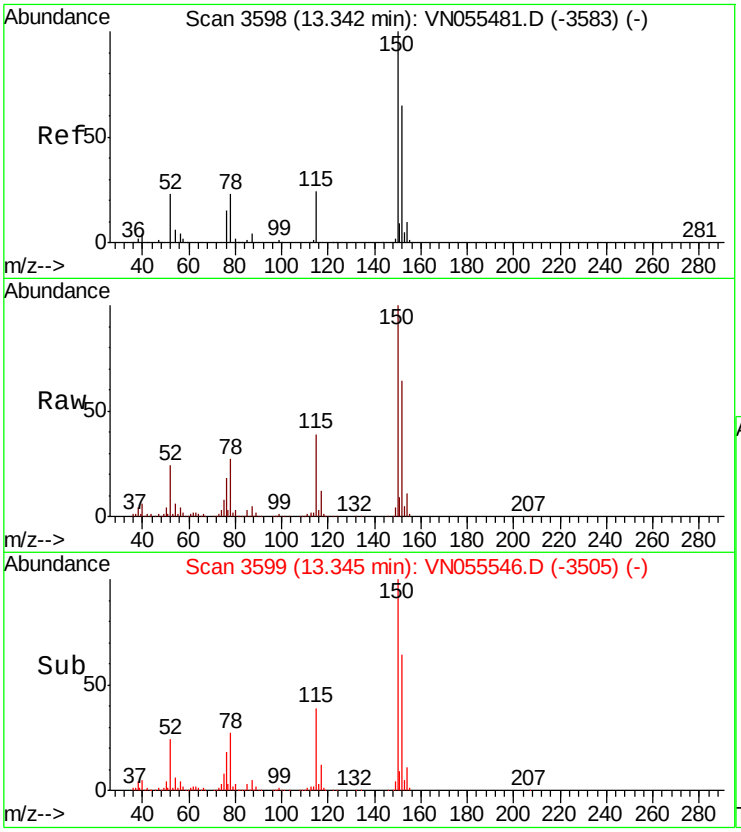


#71
Bromoform
Concen: 0.588 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:173 Resp: 3375

Ion	Ratio	Lower	Upper
173	100		
175	674.3	24.1	72.4#
254	0.0	0.1	0.1#



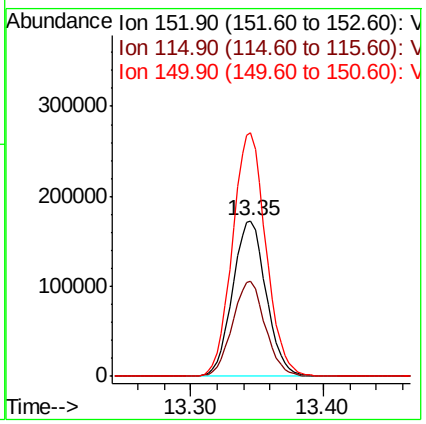


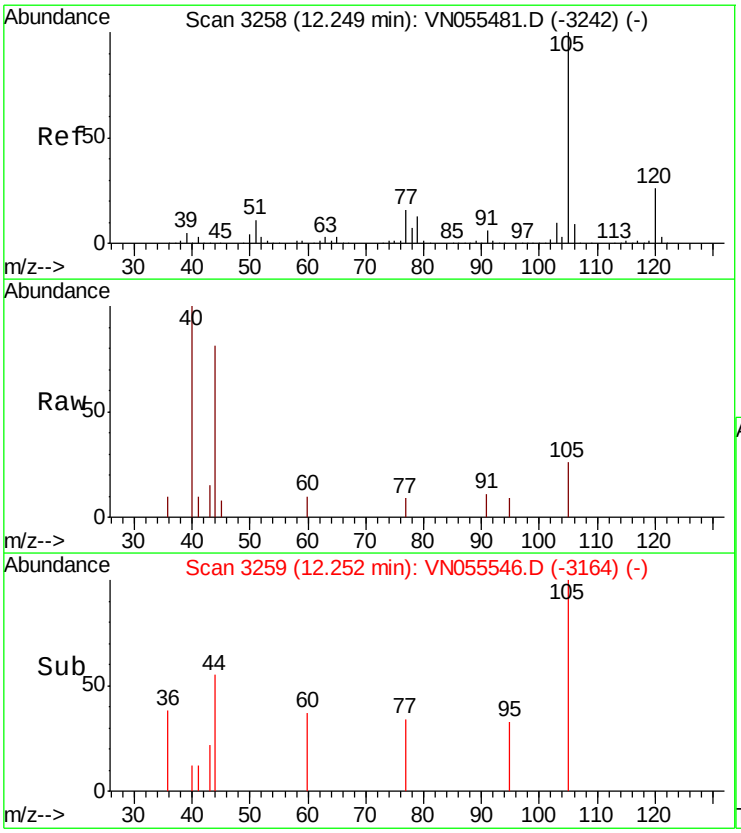
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion:152 Resp: 303093

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	156.4	0.0	355.0

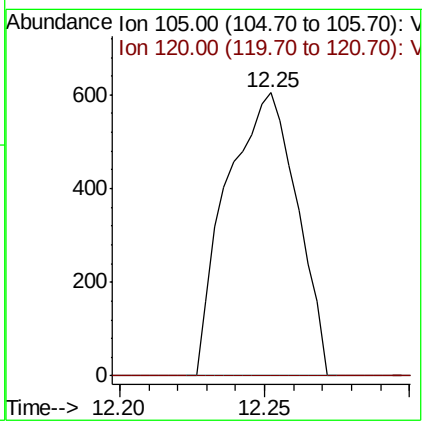


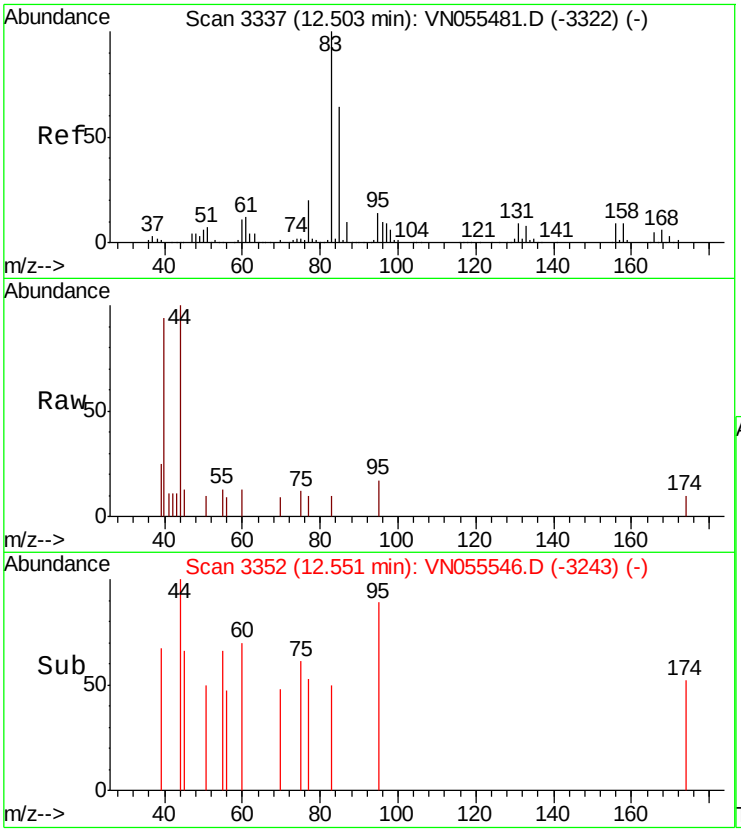


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:105 Resp: 1015

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.0	39.0#



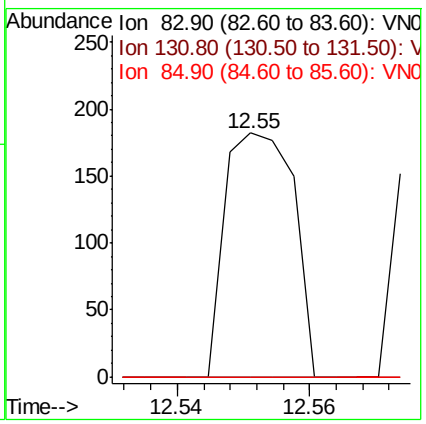


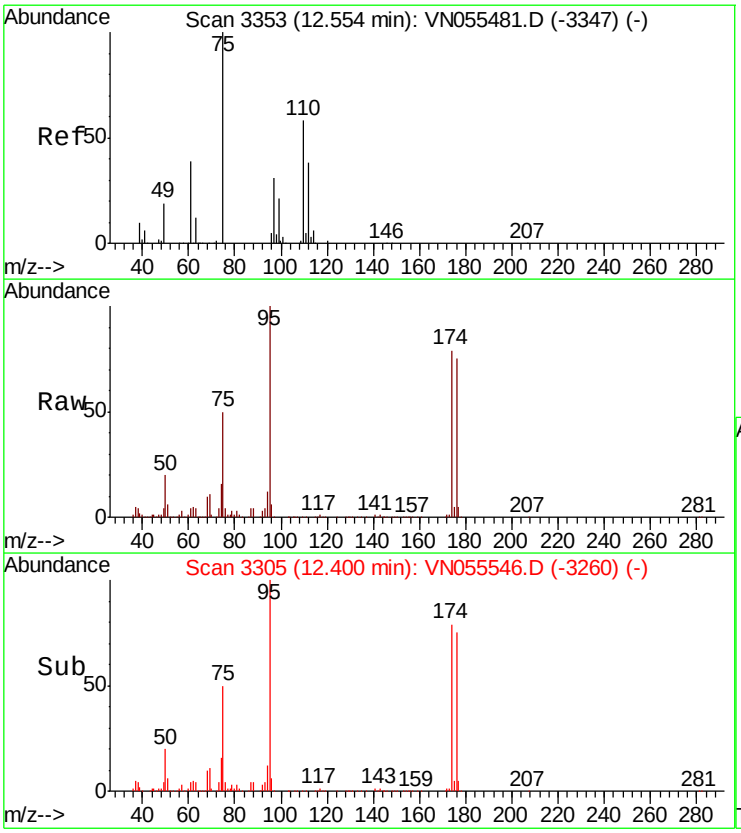
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.55 min Scan# 3352
Delta R.T. 0.05 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion: 83 Resp: 131

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.5#
85	0.0	32.0	96.0#

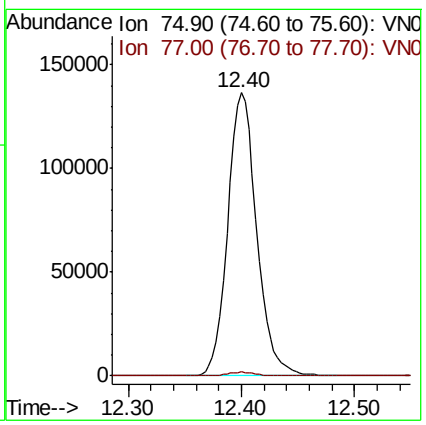


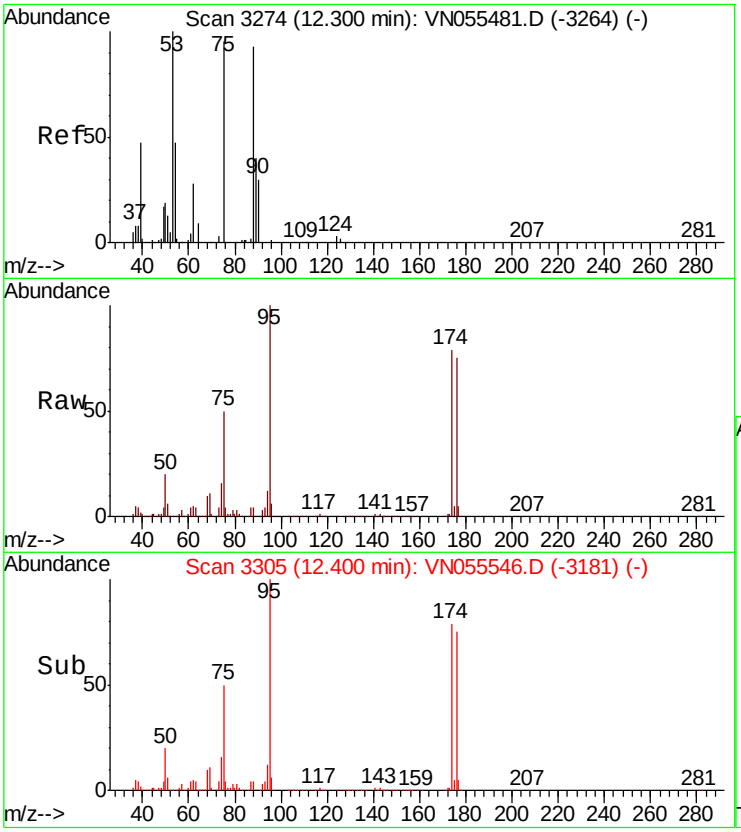


#76
1,2,3-Trichloropropane
Concen: 29.483 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion: 75 Resp: 243271

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



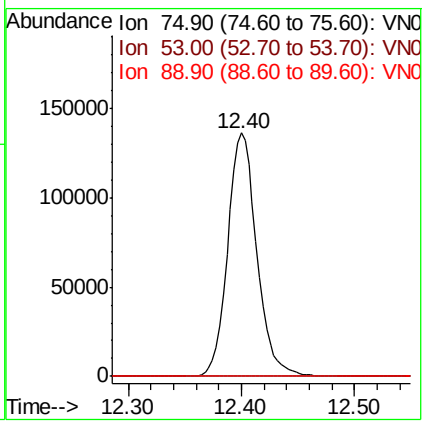


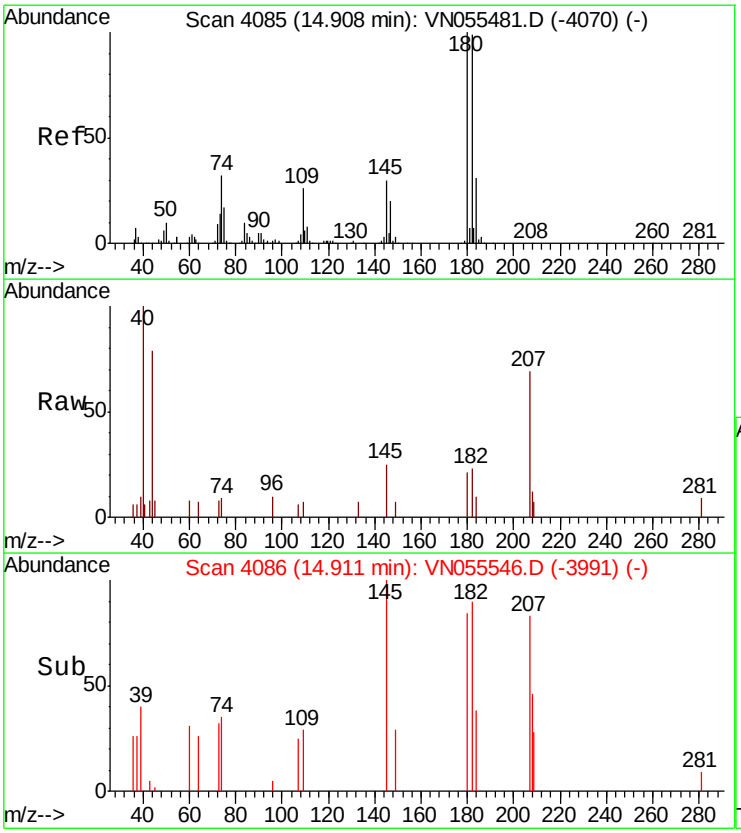
#81
trans-1,4-Dichloro-2-butene
Concen: 108.788 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion: 75 Resp: 243271

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.5	129.7#
89	0.0	35.7	53.5#

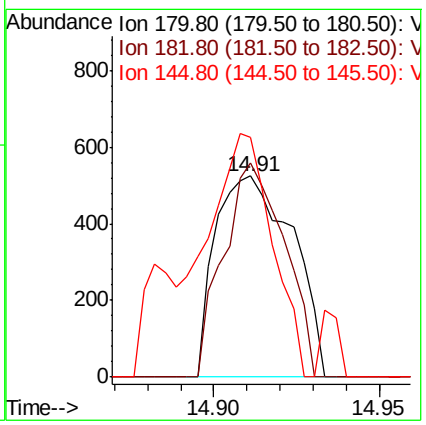


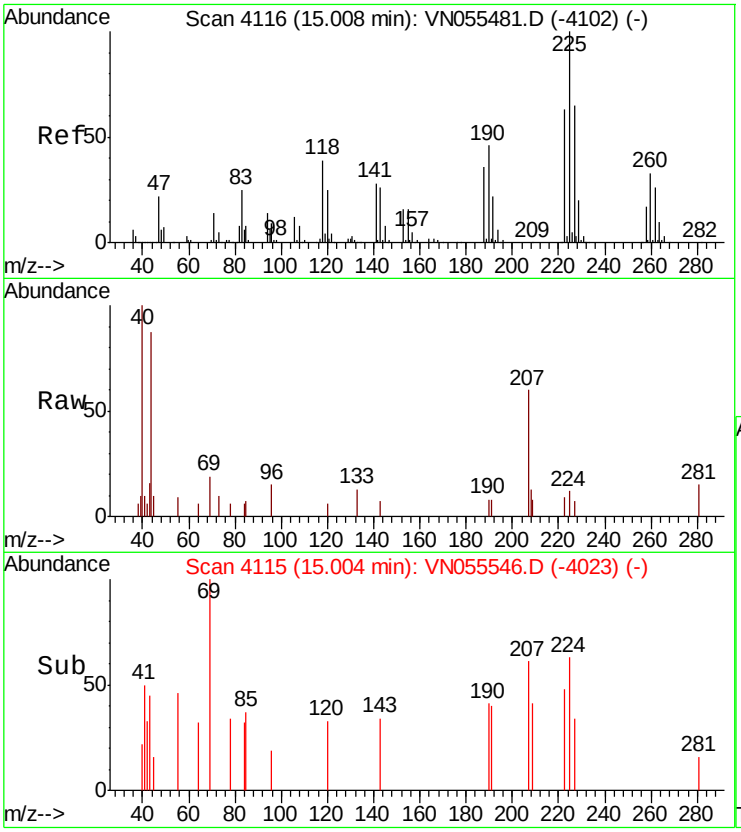


#93
1,2,4-Trichlorobenzene
Concen: 3.381 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:180 Resp: 845

Ion	Ratio	Lower	Upper
180	100		
182	84.5	48.7	146.1
145	101.7	15.3	45.9#



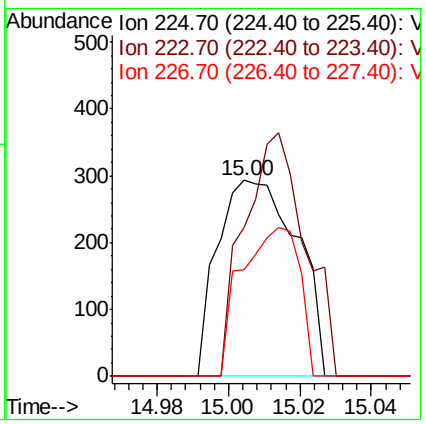


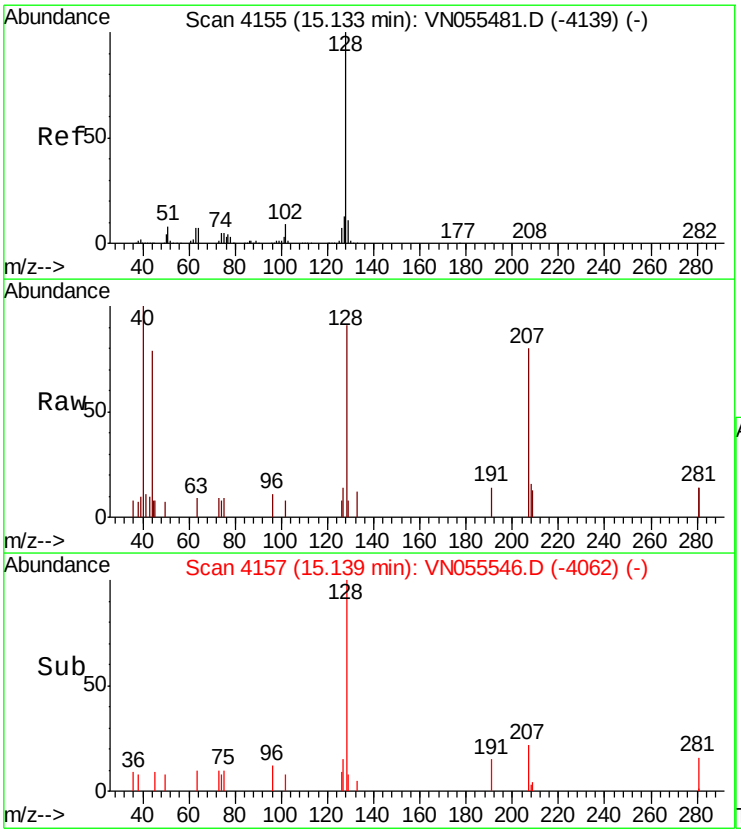
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument : MSVOA_N
ClientSampleId : IW-18

Tgt Ion:225 Resp: 451

Ion	Ratio	Lower	Upper
225	100		
223	95.1	31.4	94.3#
227	55.4	32.0	96.0

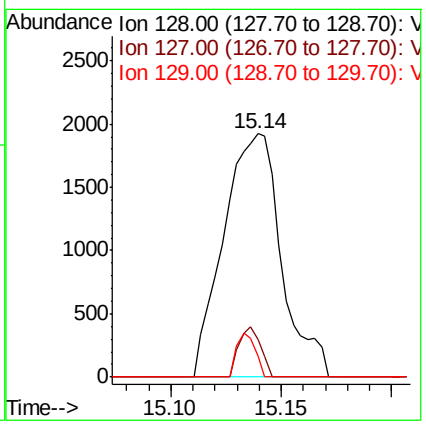


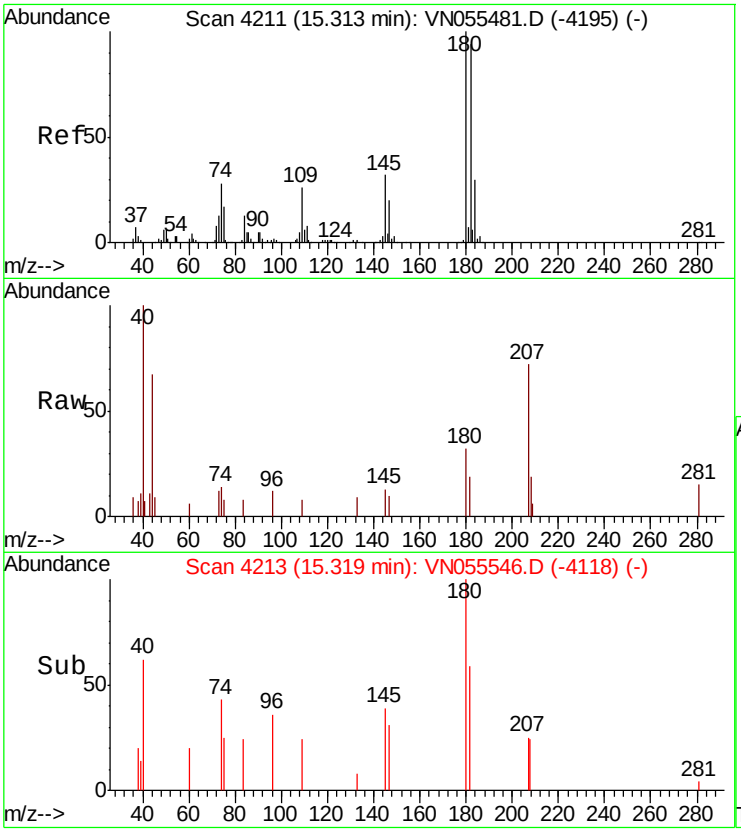


#95
Naphthalene
Concen: 3.197 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:128 Resp: 3490

Ion	Ratio	Lower	Upper
128	100		
127	7.9	10.0	15.0#
129	5.9	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 2.691 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
IW-18

Tgt Ion:180 Resp: 1370

Ion	Ratio	Lower	Upper
180	100		
182	68.8	47.1	141.3
145	27.6	15.8	47.4