Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050919\
Data File : VN055512.D
Acq On : 9 May 2019 22:19
Operator : JC/SP
Sample : VN0509WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0509WBL02

Quant Time: May 10 04:19:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	913298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1503872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1254130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	604916	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.98%			
35) Dibromofluoromethane	7.59	113	466648	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
50) Toluene-d8	10.09	98	1835489	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.10%			
62) 4-Bromofluorobenzene	12.40	95	527918	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.82%			
Target Compounds						Qvalue
13) Acrolein	3.60	56	445	0.329	ug/l #	14
16) Acetone	3.82	43	1298	0.204	ug/l	98
17) Carbon Disulfide	4.04	76	7342	0.269	ug/l	96
18) Methyl Acetate	4.34	43	7464	Below Cal		99
31) Cyclohexane	7.66	56	20331	0.916	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	72190	4.873	ug/l #	50
38) Carbon Tetrachloride	7.67	117	83702	6.709	ug/l #	15
43) Isopropyl Acetate	8.25	43	8296	0.338	ug/l #	63
49) 1,4-Dioxane	8.95	88	165	0.716	ug/l #	18
59) 2-Hexanone	10.76	43	2291	0.202	ug/l	95
71) Bromoform	12.40	173	3242	0.541	ug/l #	1
73) Isopropylbenzene	12.25	105	1941	Below Cal		89
75) 1,1,2,2-Tetrachloroethane	12.51	83	456	Below Cal #		49
76) 1,2,3-Trichloropropane	12.40	75	263202	27.598	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	263202	101.834	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.90	180	1960	3.559	ug/l #	82
94) Hexachlorobutadiene	15.00	225	1202	Below Cal		89
95) Naphthalene	15.13	128	6813	3.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	2431	2.834	ug/l	89

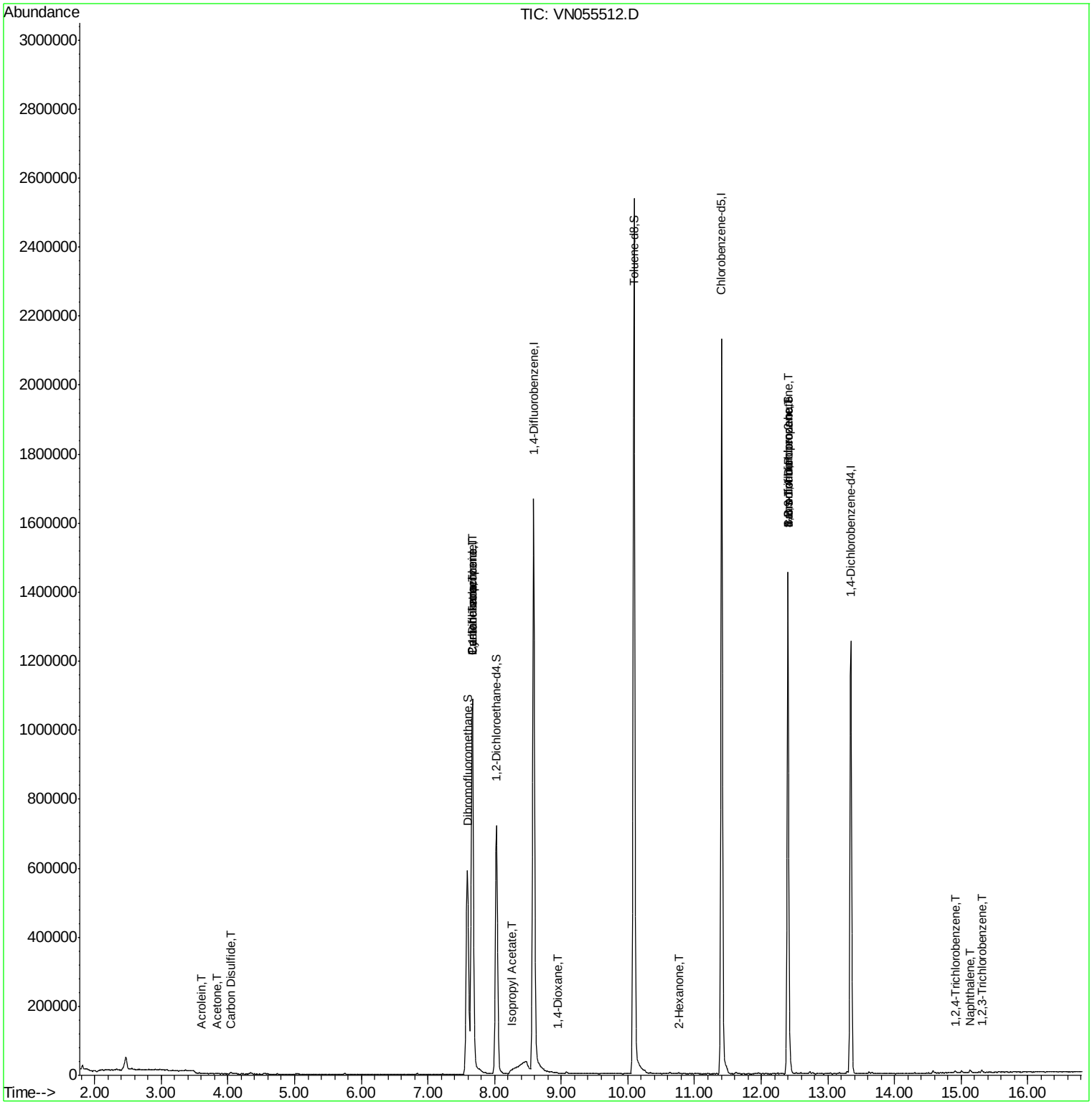
(#) = qualifier out of range (m) = manual integration (+) = signals summed

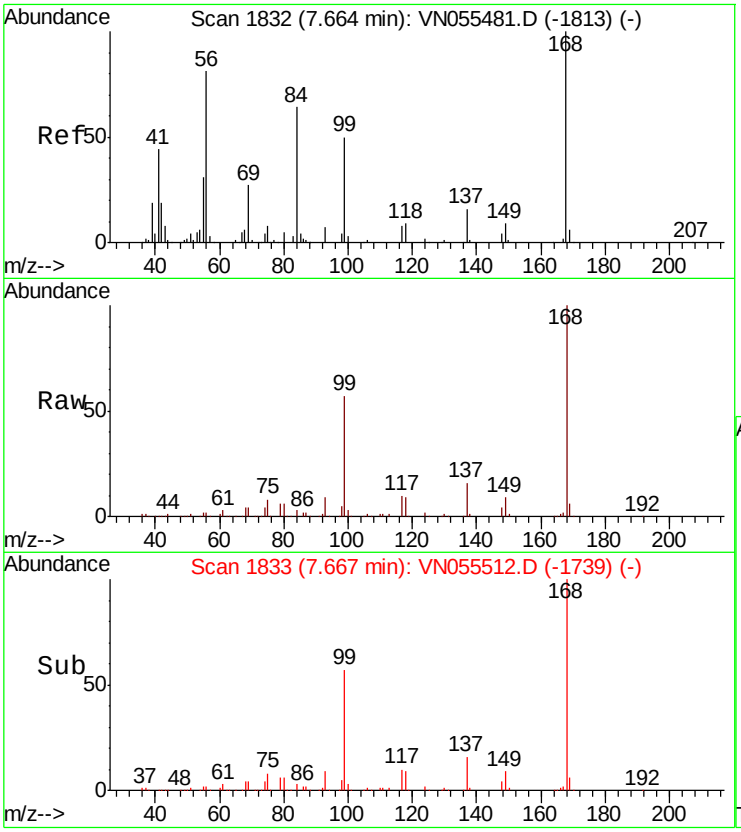
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050919\
Data File : VN055512.D
Acq On : 9 May 2019 22:19
Operator : JC/SP
Sample : VN0509WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Quant Time: May 10 04:19:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration



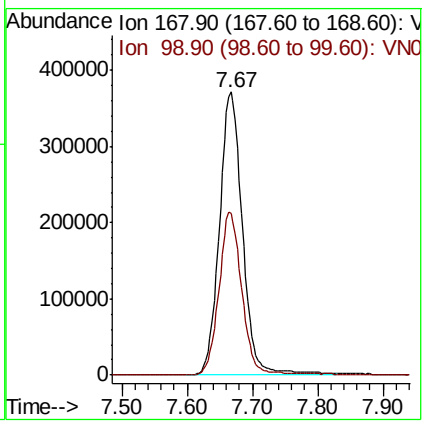


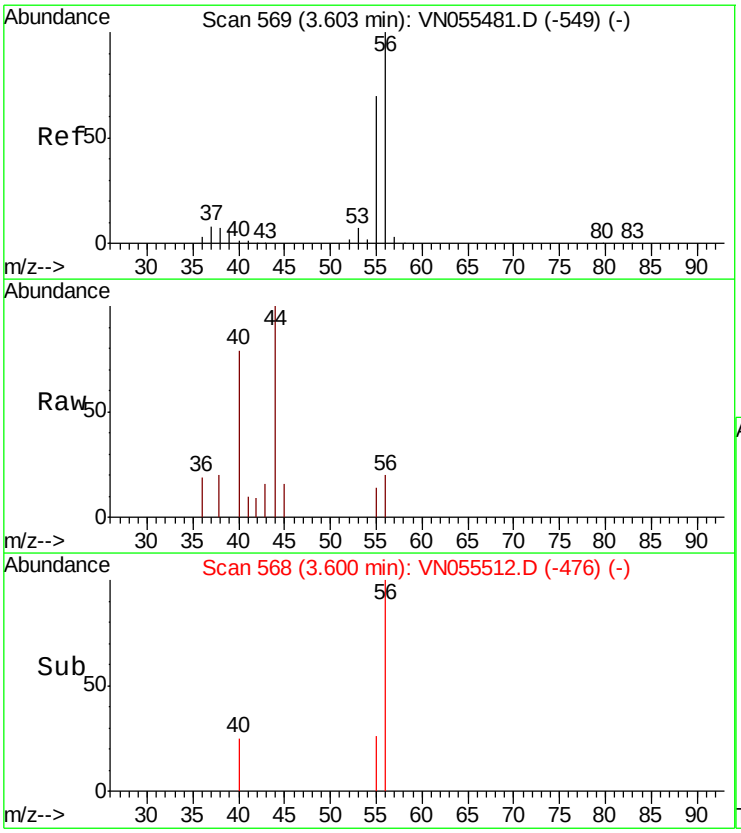
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Tgt Ion:168 Resp: 913298

Ion	Ratio	Lower	Upper
168	100		
99	57.1	47.0	70.4

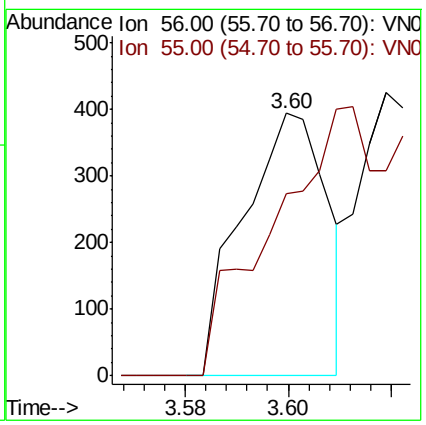


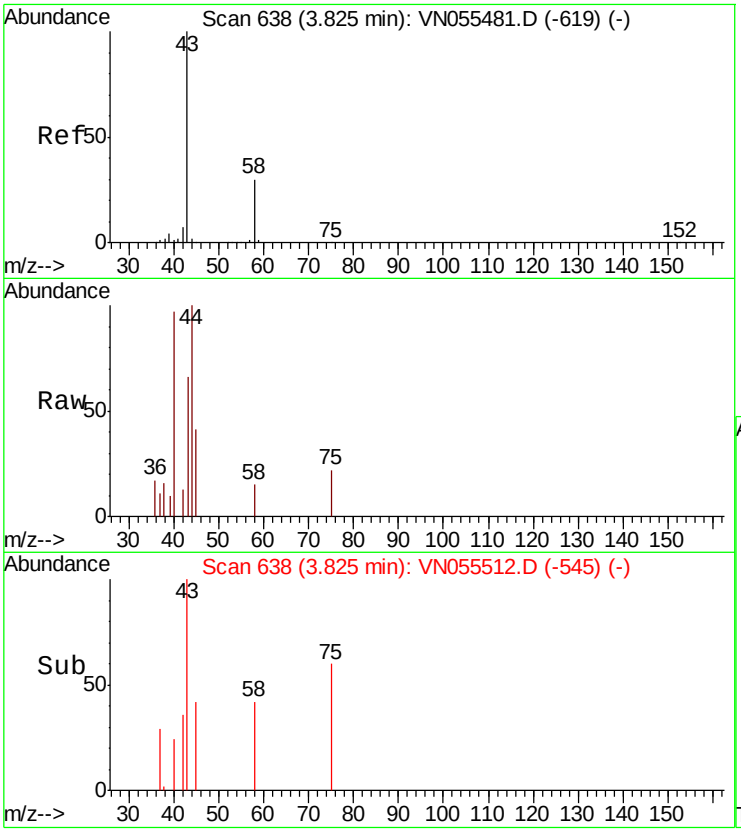


#13
Acrolein
Concen: 0.329 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion: 56 Resp: 445

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.7	86.5#



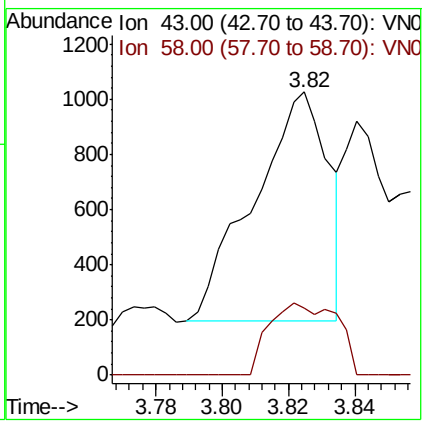


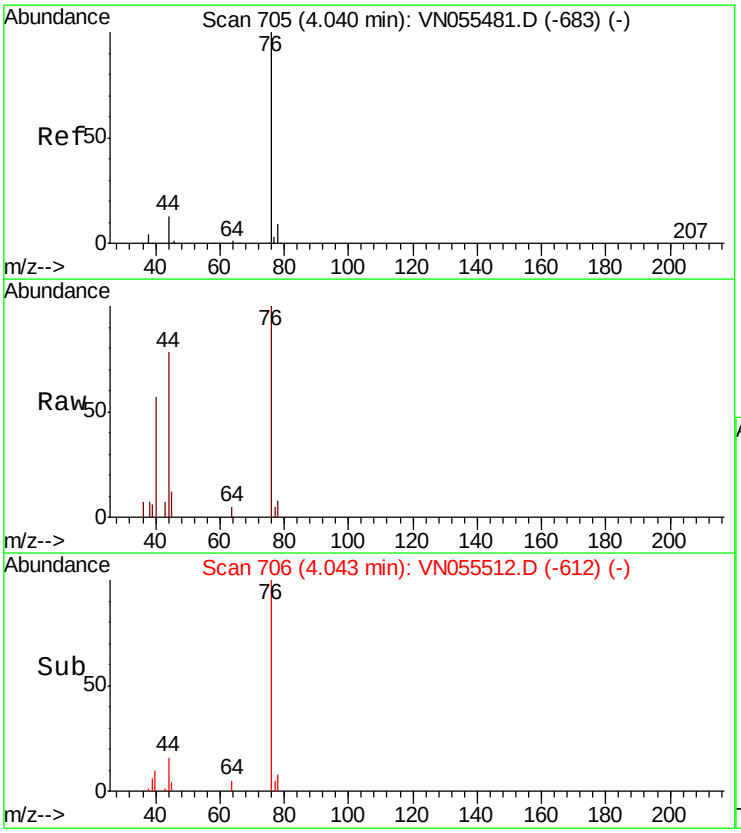
#16
Acetone
Concen: 0.204 ug/l
RT: 3.82 min Scan# 638
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Tgt Ion: 43 Resp: 1298

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.2	36.2

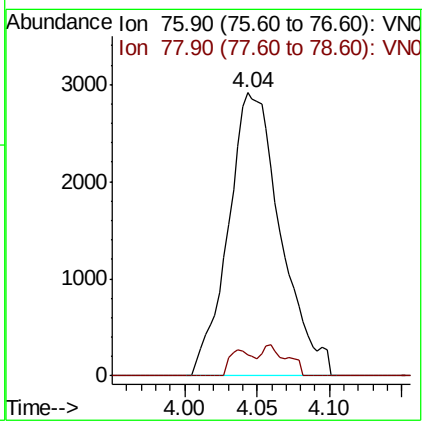


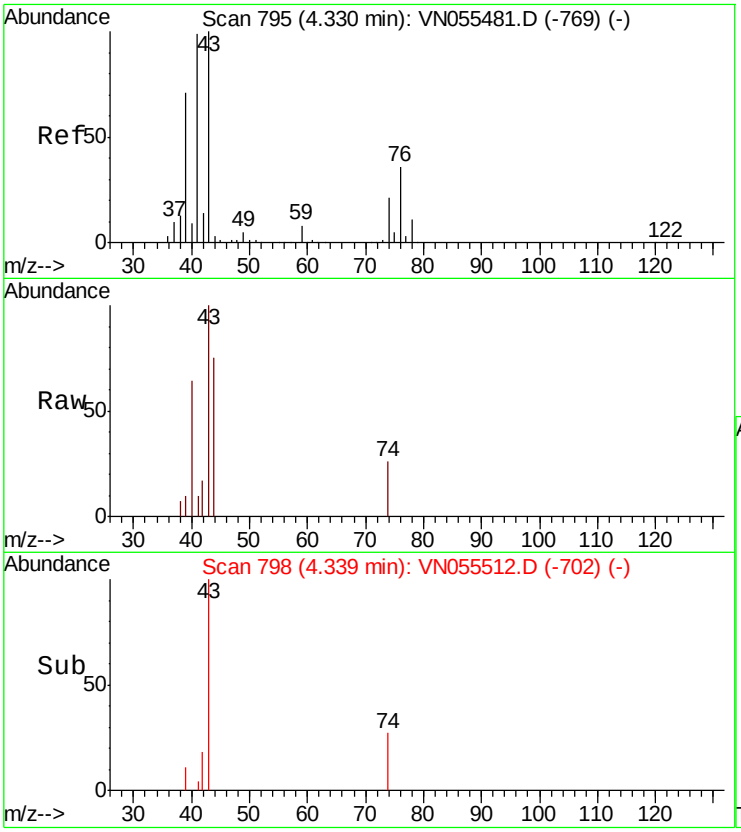


#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion: 76 Resp: 7342

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.4	11.0



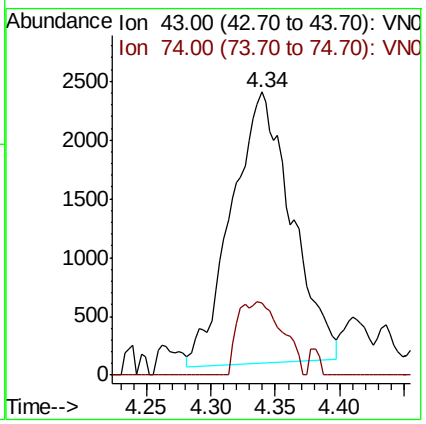


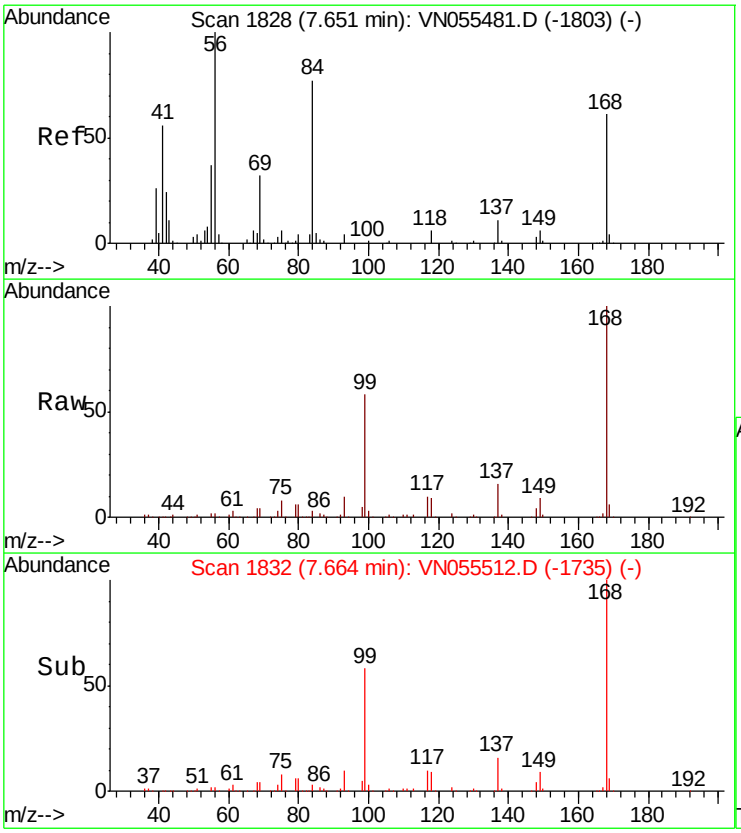
#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument : MSVOA_N
ClientSampleId : VN0509WBL02

Tgt Ion: 43 Resp: 7464

Ion	Ratio	Lower	Upper
43	100		
74	20.1	16.3	24.5

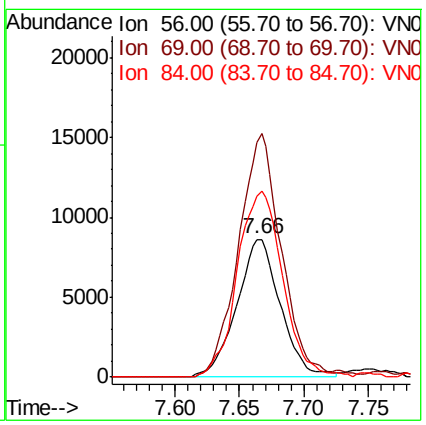


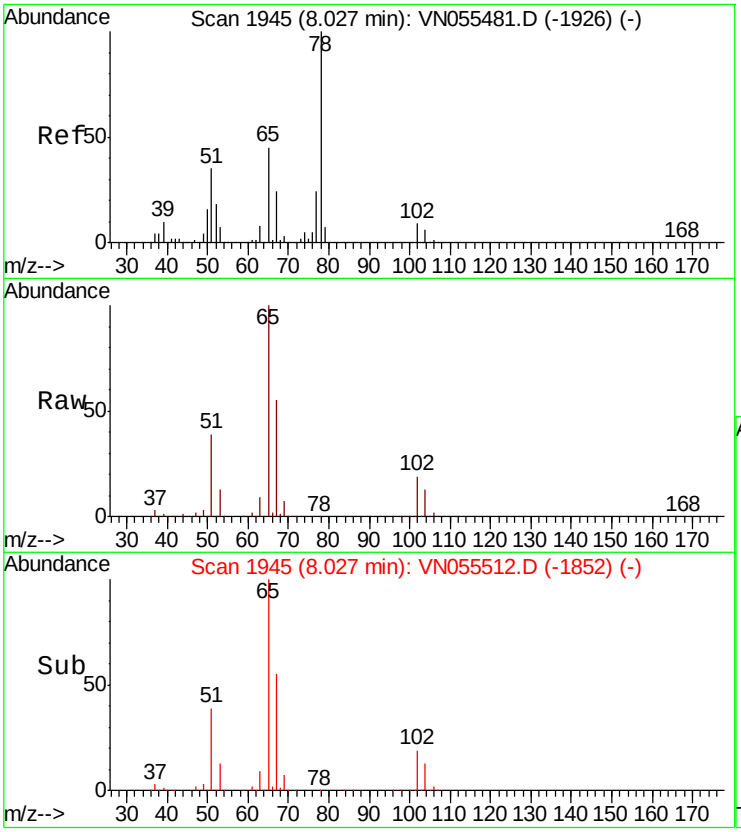


#31
Cyclohexane
Concen: 0.916 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion: 56 Resp: 20331

Ion	Ratio	Lower	Upper
56	100		
69	169.7	26.0	39.0#
84	131.4	61.9	92.9#



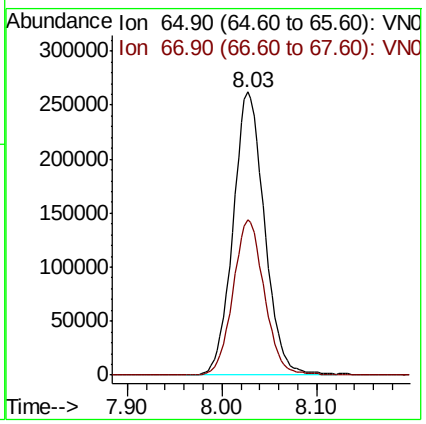


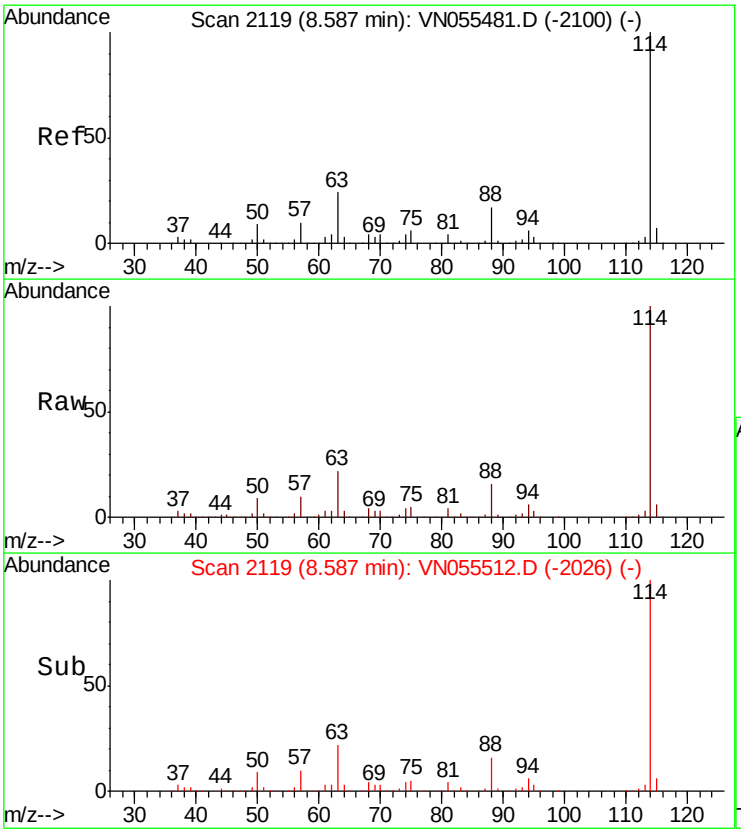
#33
1,2-Dichloroethane-d4
Concen: 43.990 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Tgt Ion: 65 Resp: 604916

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.6

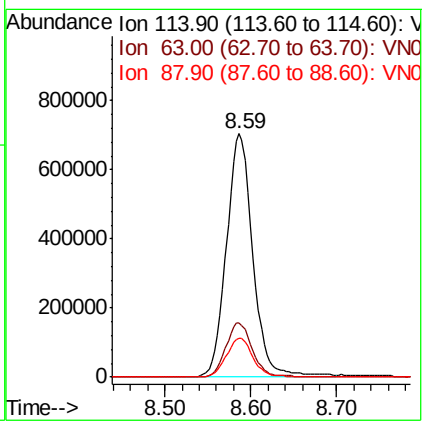


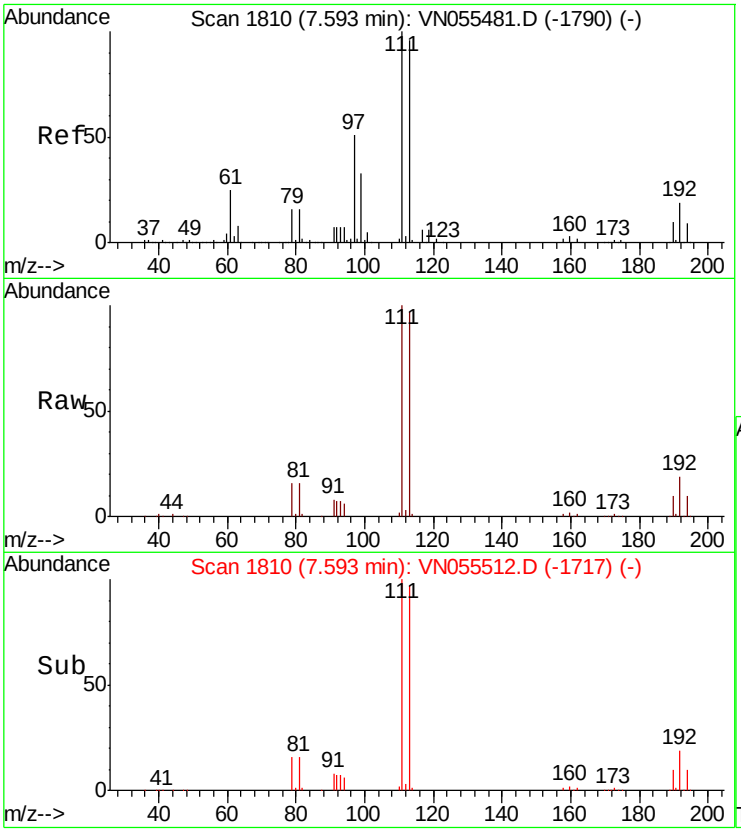


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion:114 Resp: 1503872

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	47.4
88	16.1	0.0	34.0



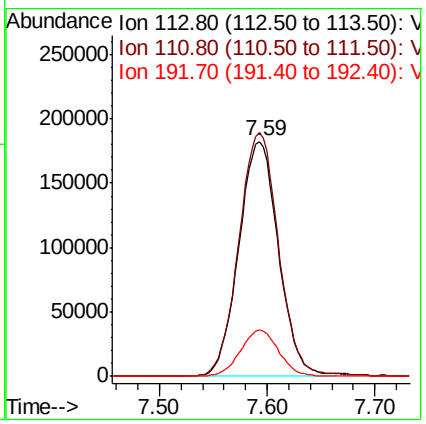


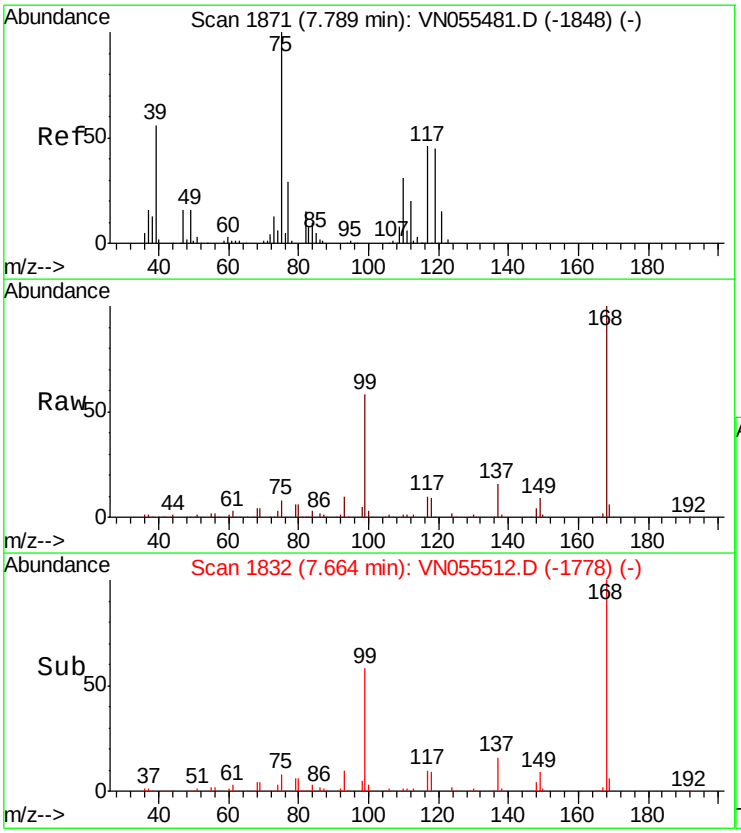
#35
Dibromofluoromethane
Concen: 48.102 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Tgt Ion:113 Resp: 466648

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	19.3	15.6	23.4

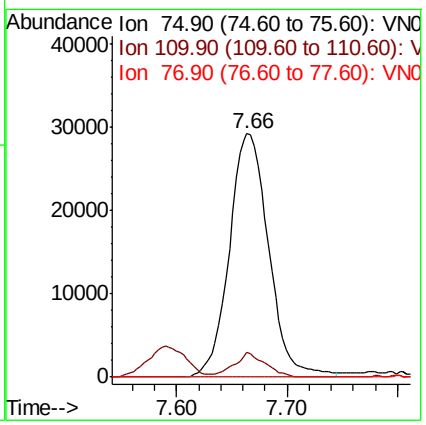


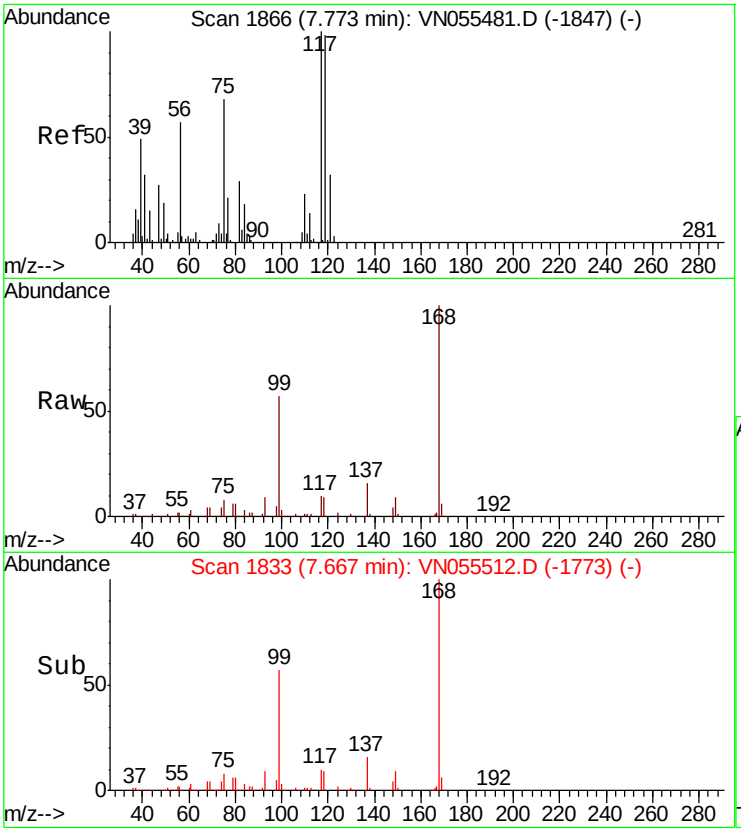


#36
1,1-Dichloropropene
Concen: 4.873 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion: 75 Resp: 72190

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.1	48.3#
77	0.0	24.6	37.0#



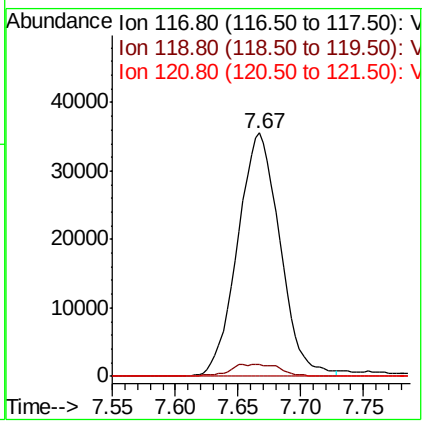


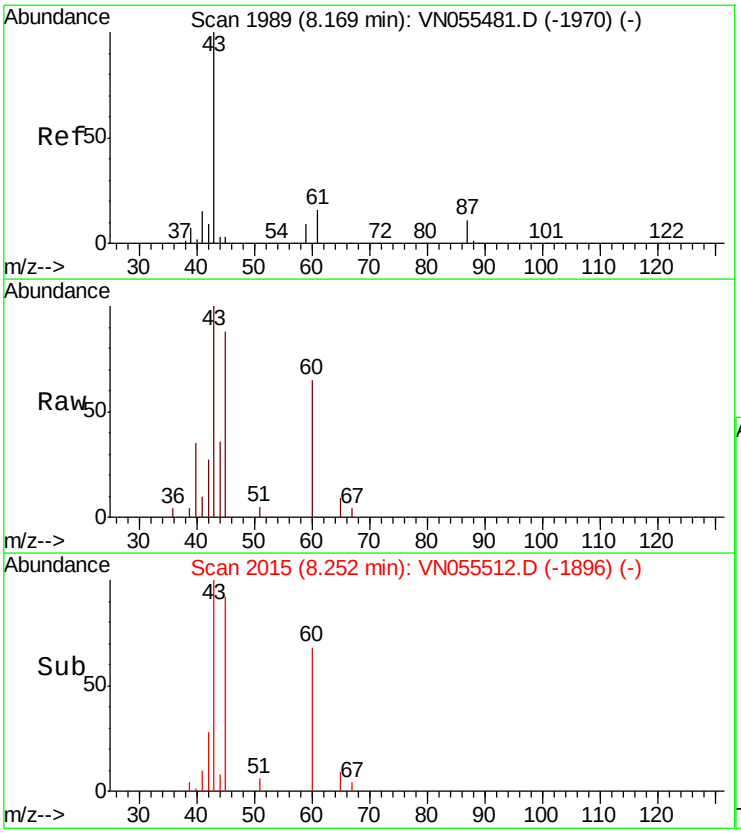
#38
Carbon Tetrachloride
Concen: 6.709 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Tgt Ion:117 Resp: 83702

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.8	116.6#
121	0.0	25.2	37.8#

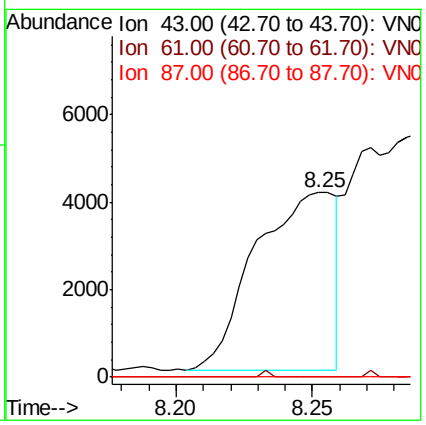


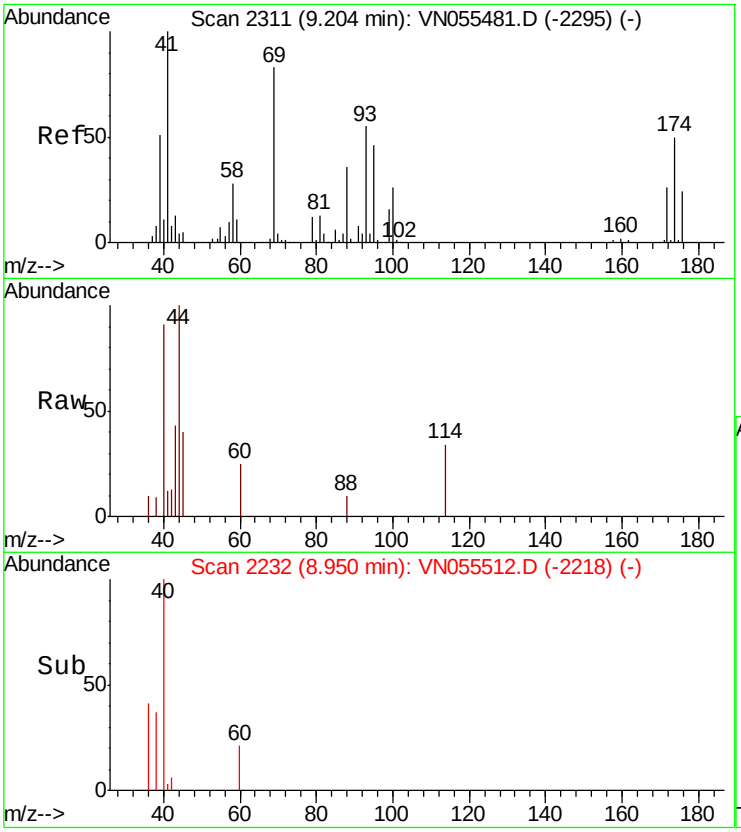


#43
Isopropyl Acetate
Concen: 0.338 ug/l
RT: 8.25 min Scan# 2015
Delta R.T. 0.08 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion: 43 Resp: 8296

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.1	22.7#
87	0.0	9.0	13.6#



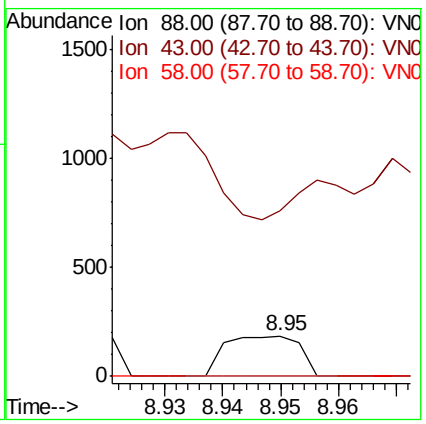


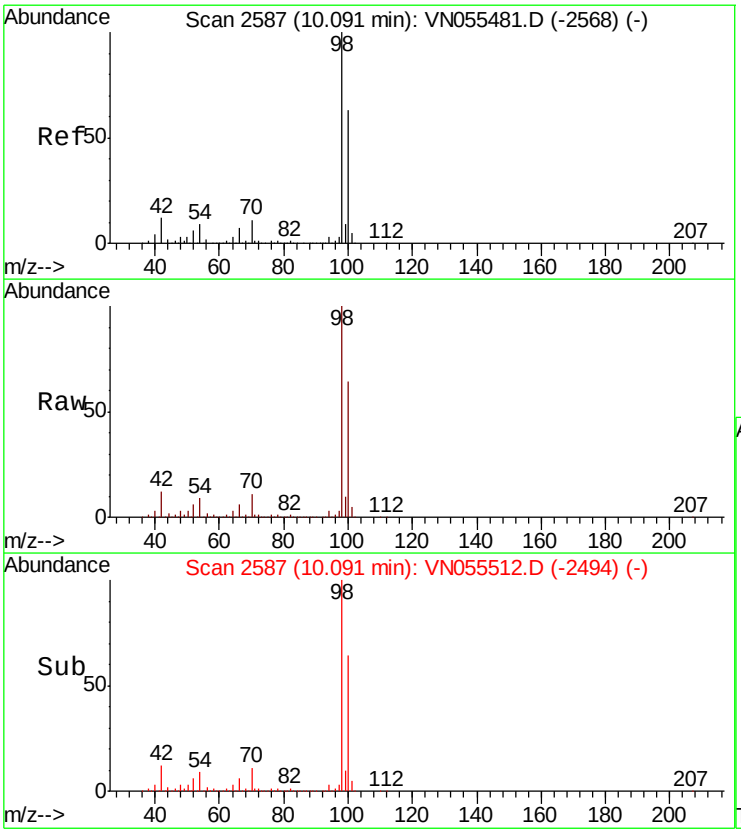
#49
1,4-Dioxane
Concen: 0.716 ug/l
RT: 8.95 min Scan# 2232
Delta R.T. -0.25 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Tgt Ion: 88 Resp: 165

Ion	Ratio	Lower	Upper
88	100		
43	72.1	27.8	41.8#
58	0.0	61.8	92.6#

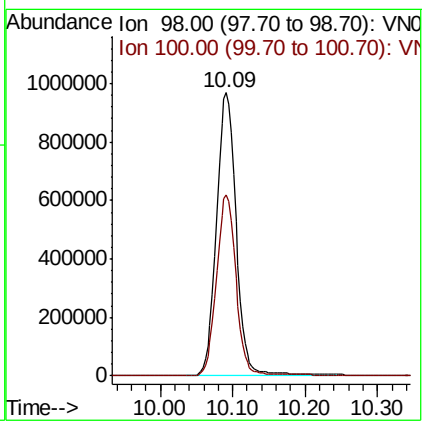


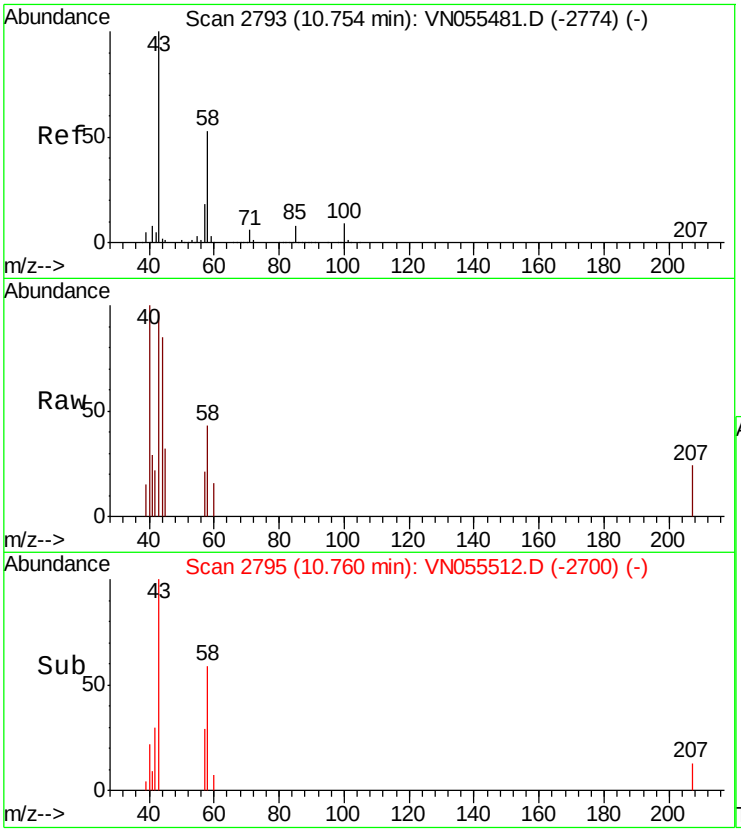


#50
Toluene-d8
Concen: 48.552 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion: 98 Resp: 1835489

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.4	75.6



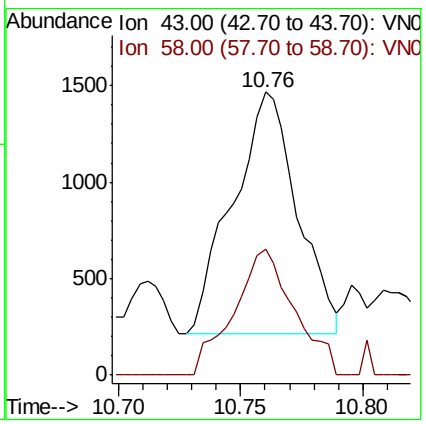


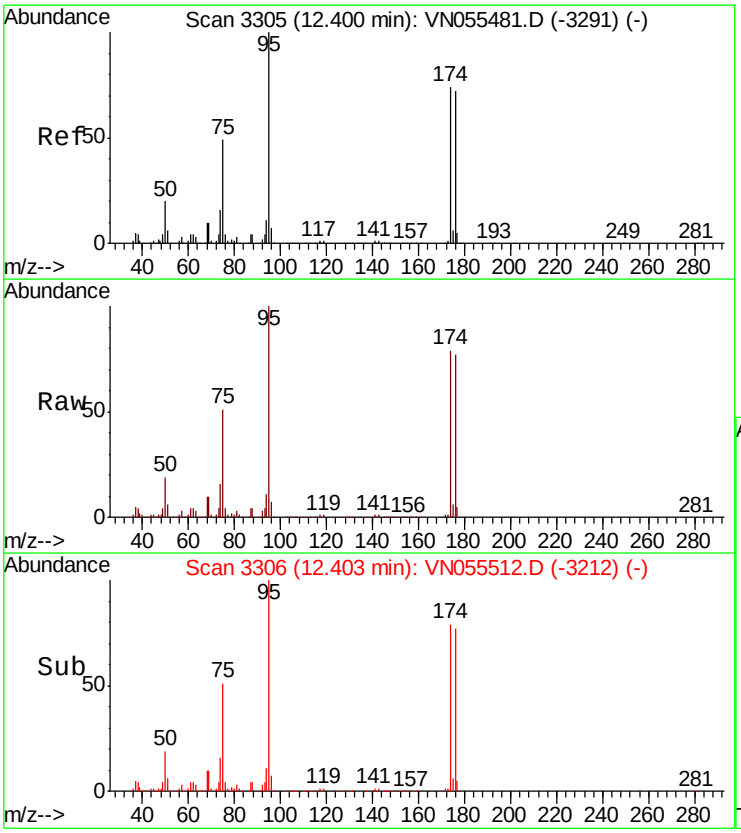
#59
2-Hexanone
Concen: 0.202 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument : MSVOA_N
ClientSampleId : VN0509WBL02

Tgt Ion: 43 Resp: 2291

Ion	Ratio	Lower	Upper
43	100		
58	49.1	26.4	79.0

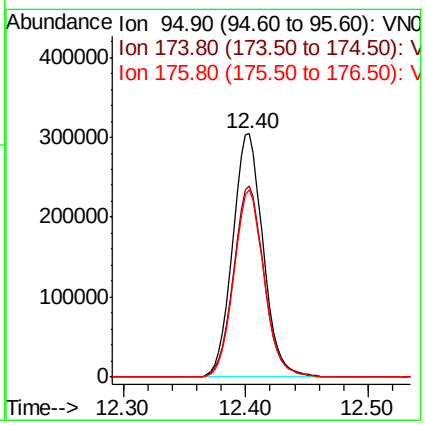


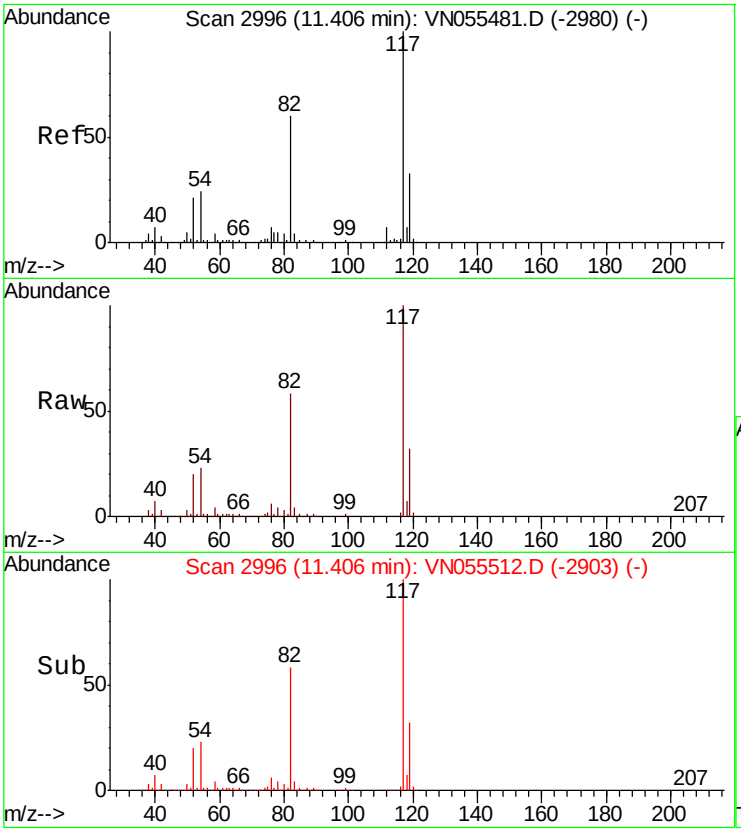


#62
4-Bromofluorobenzene
Concen: 41.415 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion: 95 Resp: 527918

Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	152.2
176	75.8	0.0	147.8



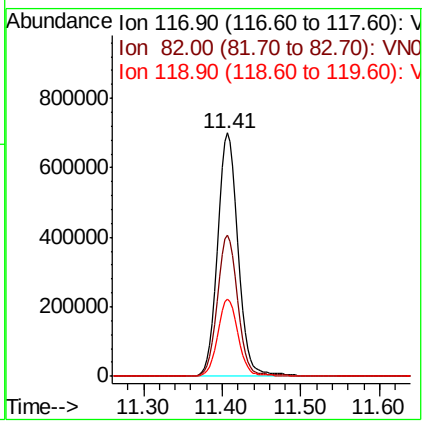


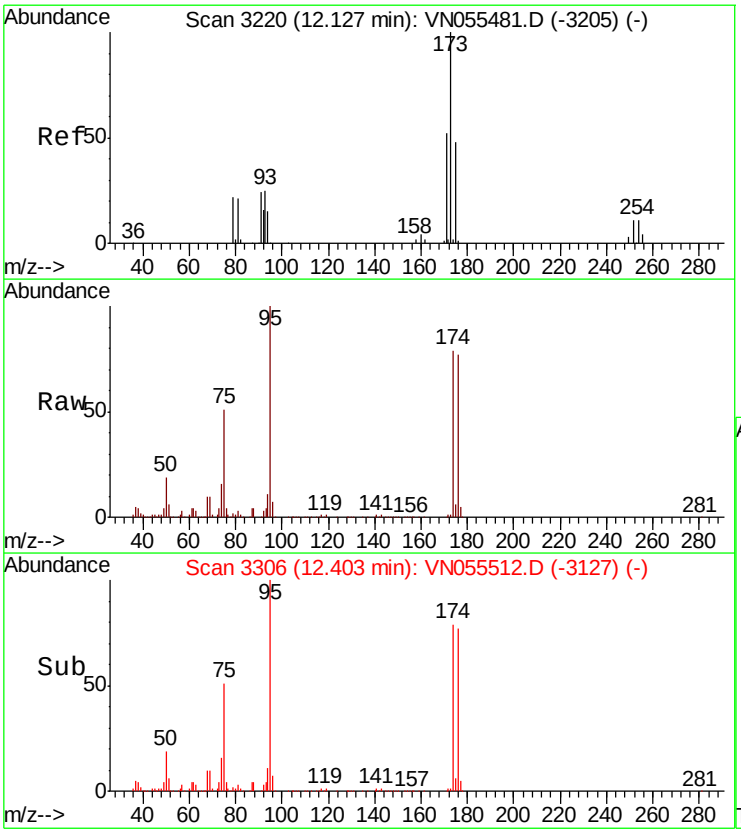
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument : MSVOA_N
ClientSampleId : VN0509WBL02

Tgt Ion:117 Resp: 1254130

Ion	Ratio	Lower	Upper
117	100		
82	57.8	48.0	72.0
119	31.6	26.0	39.0

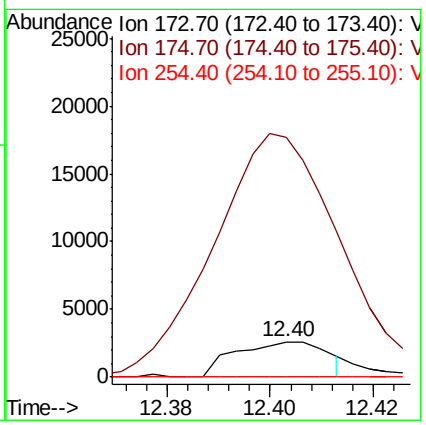


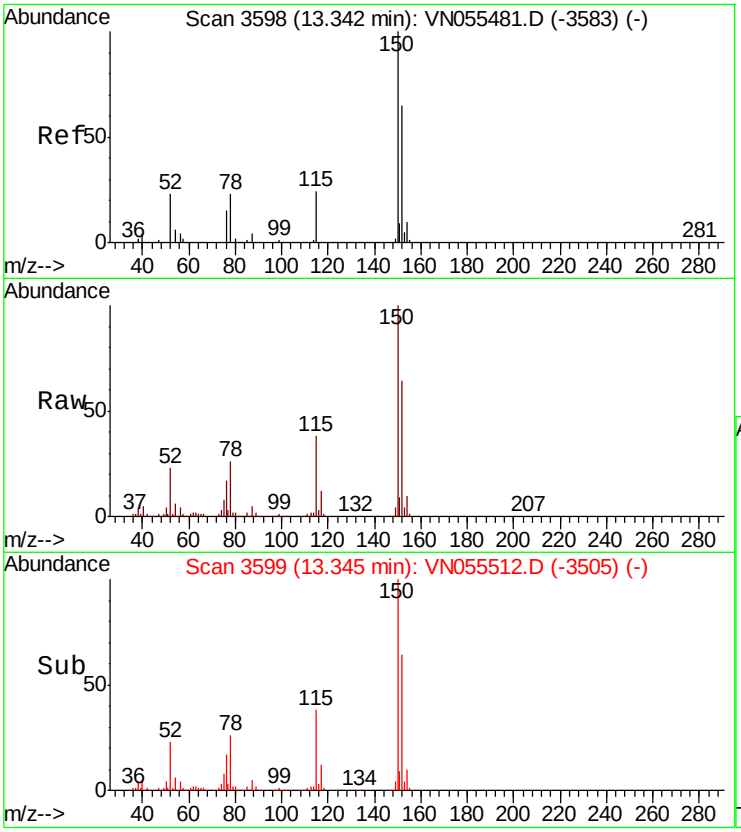


#71
Bromoform
Concen: 0.541 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion:173 Resp: 3242

Ion	Ratio	Lower	Upper
173	100		
175	820.7	24.1	72.4#
254	0.0	0.1	0.1#



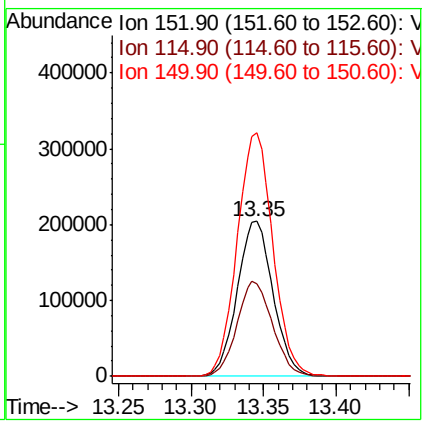


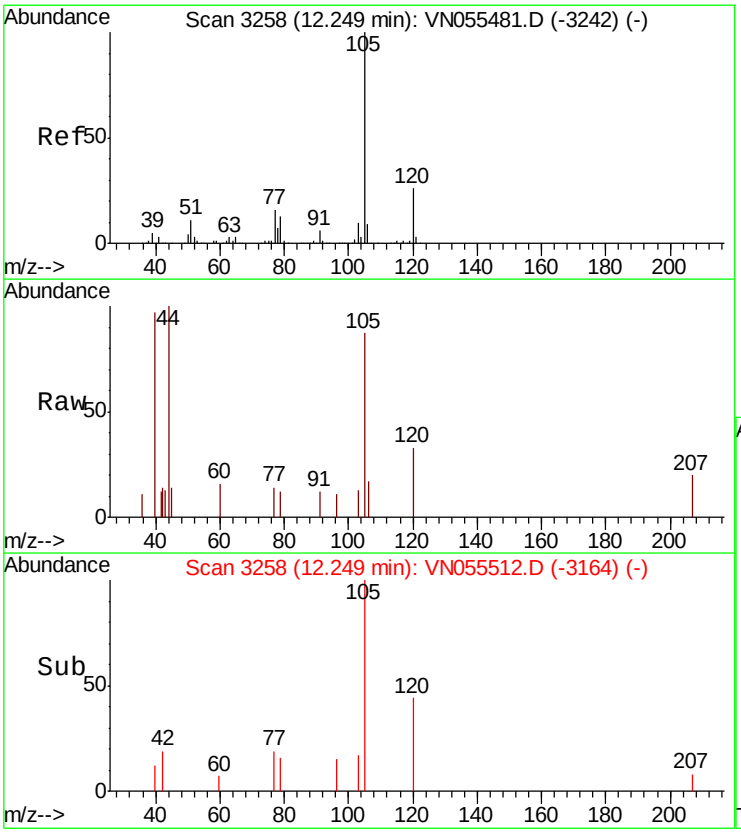
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument : MSVOA_N
ClientSampleId : VN0509WBL02

Tgt Ion:152 Resp: 350319

Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.1	90.5
150	157.3	0.0	355.0

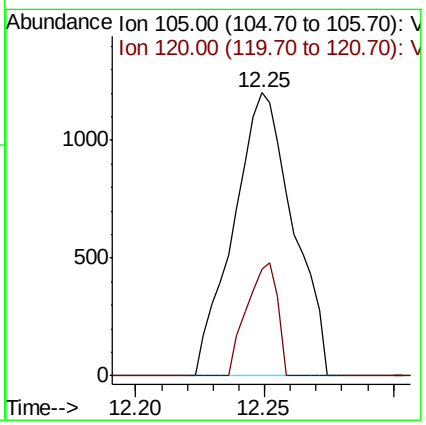


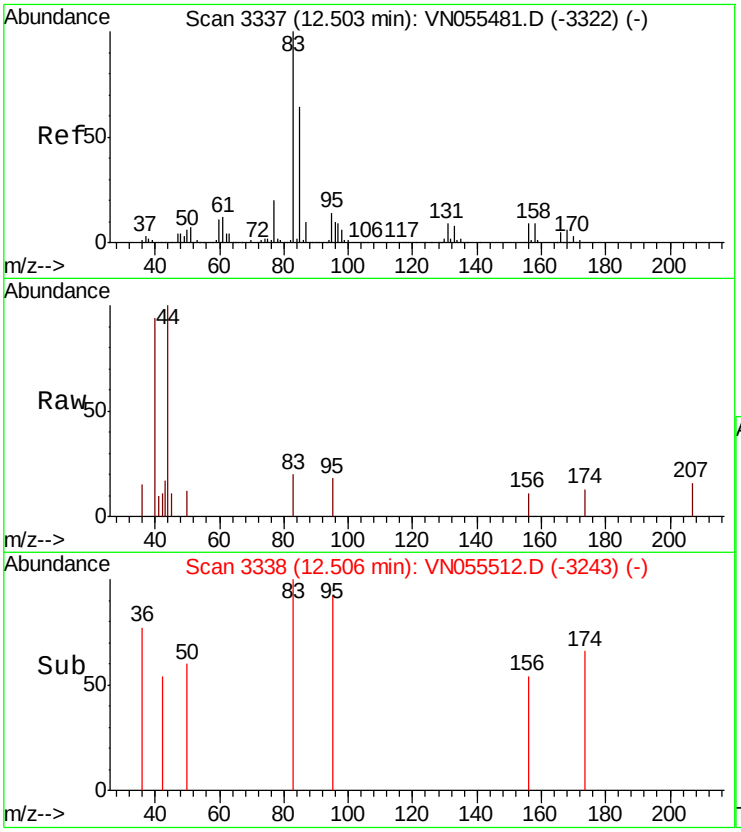


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion:105 Resp: 1941

Ion	Ratio	Lower	Upper
105	100		
120	20.6	13.0	39.0



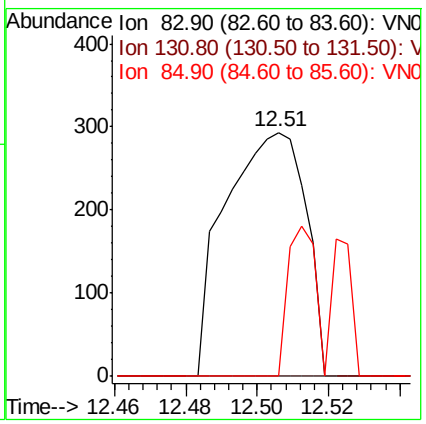


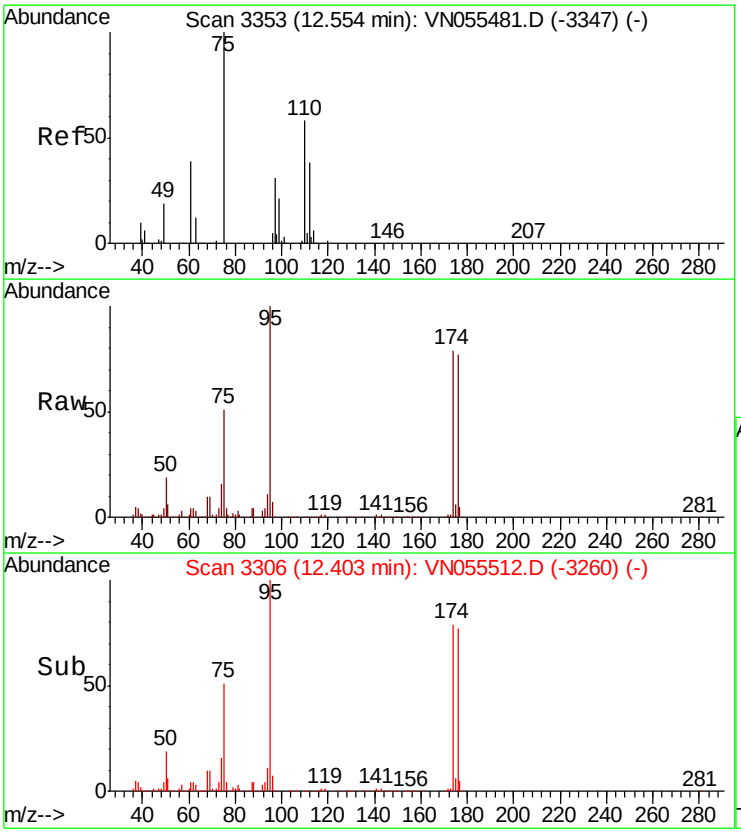
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument : MSVOA_N
ClientSampleId : VN0509WBL02

Tgt Ion: 83 Resp: 456

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.5#
85	21.1	32.0	96.0#

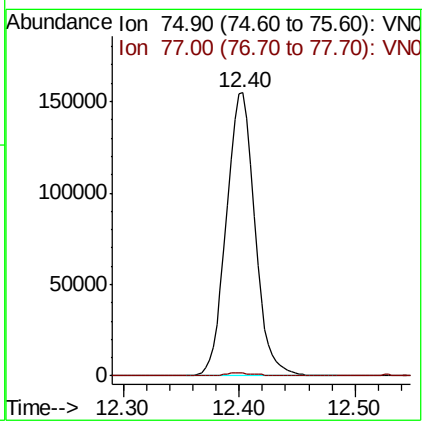


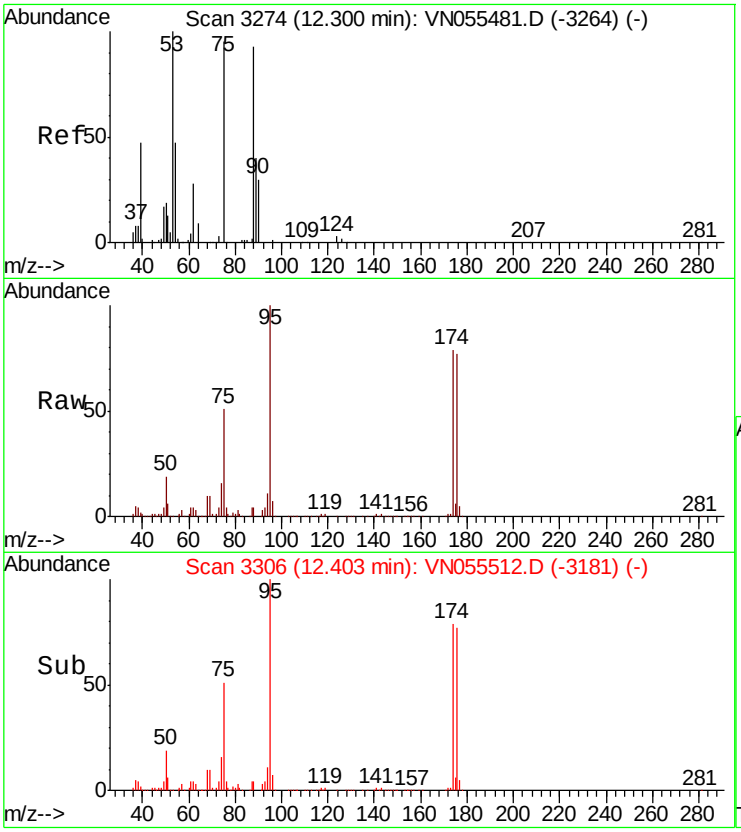


#76
1,2,3-Trichloropropane
Concen: 27.598 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion: 75 Resp: 263202

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



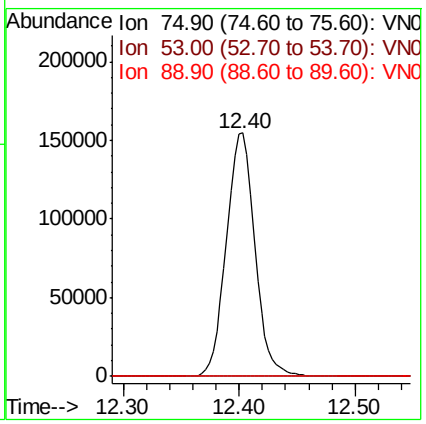


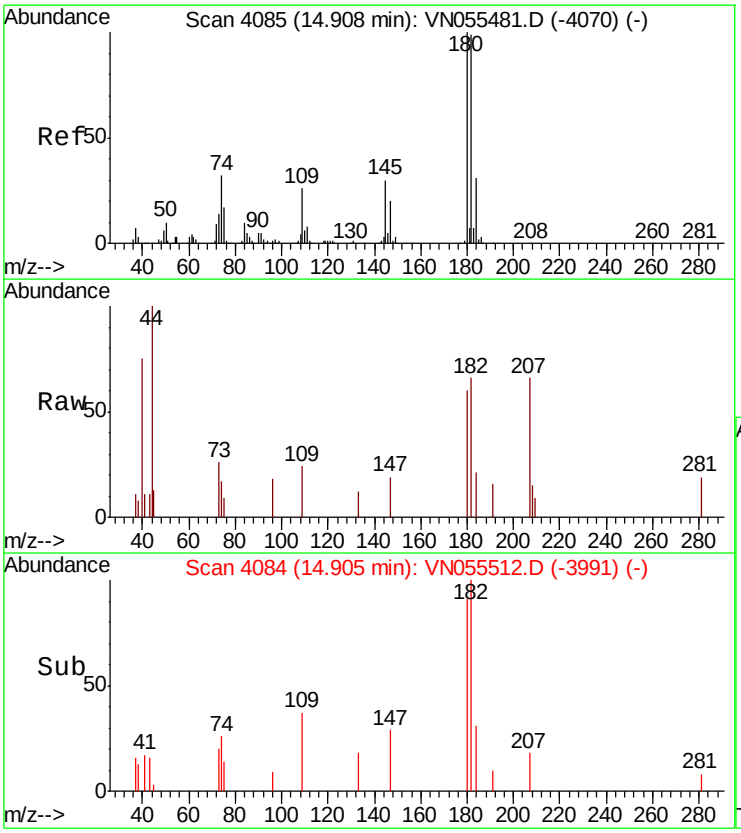
#81
trans-1,4-Dichloro-2-butene
Concen: 101.834 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Tgt Ion: 75 Resp: 263202

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

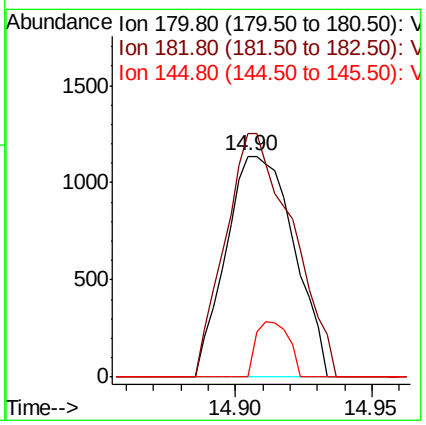


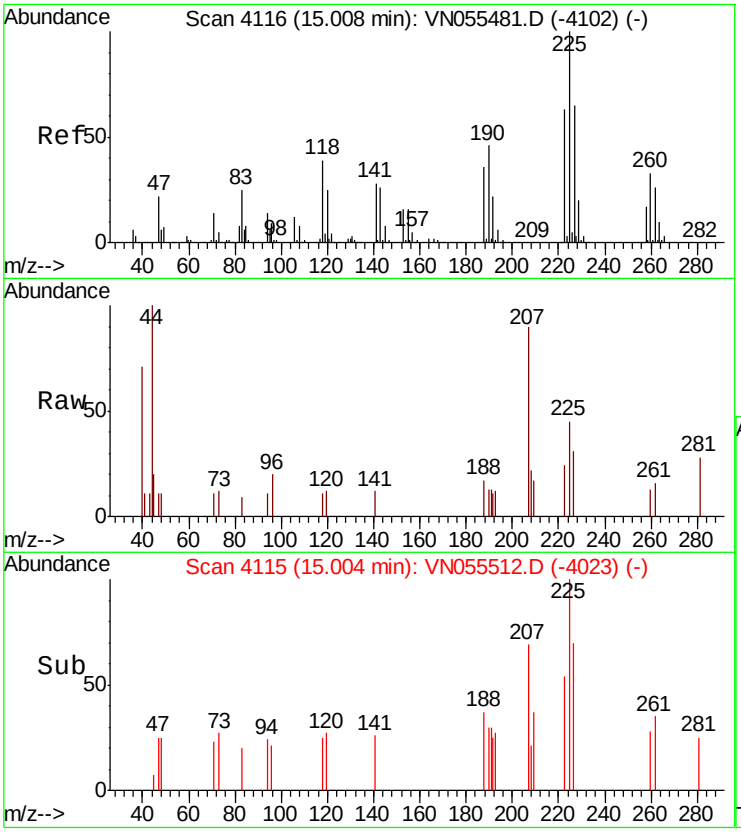


#93
1,2,4-Trichlorobenzene
Concen: 3.559 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion:180 Resp: 1960

Ion	Ratio	Lower	Upper
180	100		
182	109.5	48.7	146.1
145	11.9	15.3	45.9#



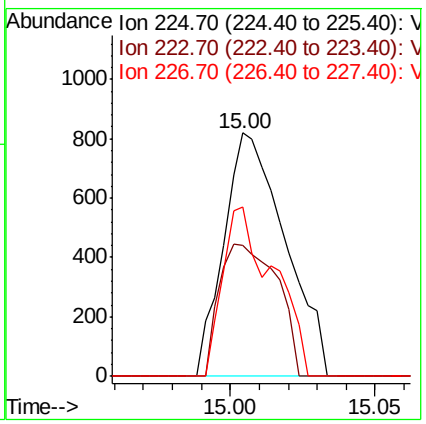


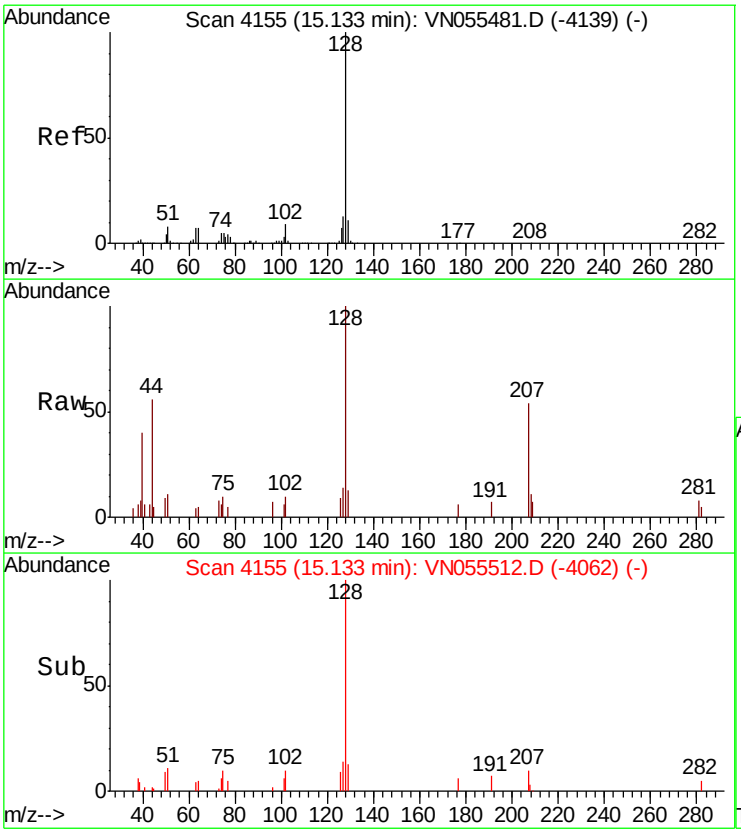
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02

Tgt Ion:225 Resp: 1202

Ion	Ratio	Lower	Upper
225	100		
223	51.2	31.4	94.3
227	57.7	32.0	96.0

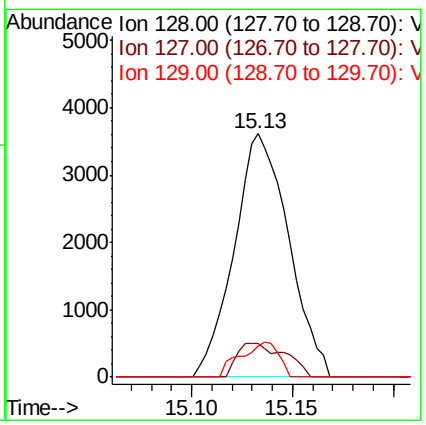


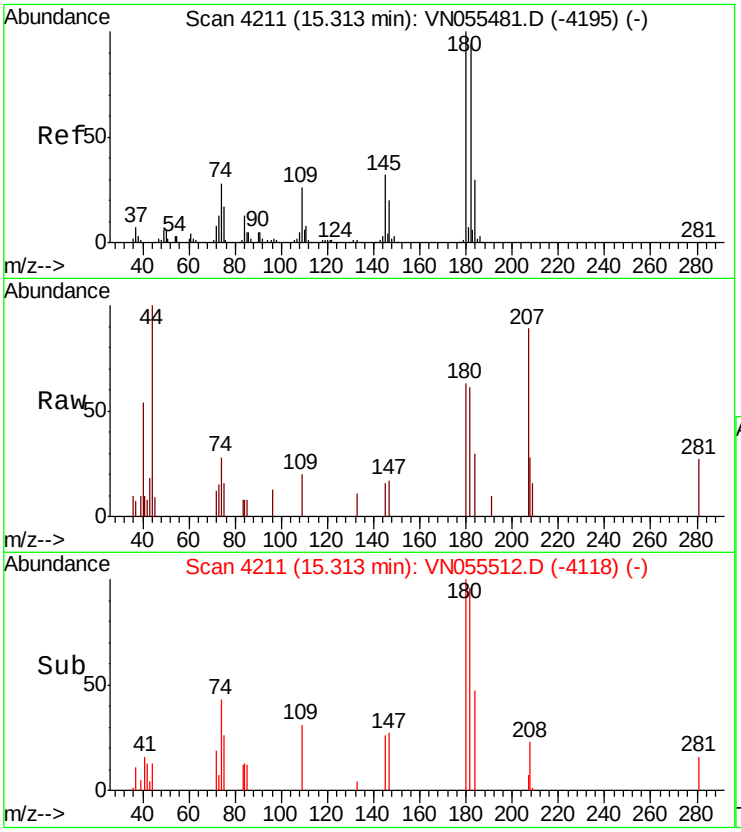


#95
Naphthalene
Concen: 3.376 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion:128 Resp: 6813

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.0	15.0
129	10.1	8.8	13.2

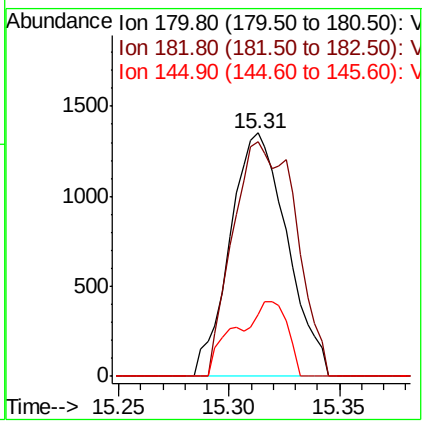




#96
1,2,3-Trichlorobenzene
Concen: 2.834 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055512.D
Acq: 9 May 2019 22:19

Tgt Ion:180 Resp: 2431

Ion	Ratio	Lower	Upper
180	100		
182	106.3	47.1	141.3
145	27.7	15.8	47.4



Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL02