Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055337.D
Acq On : 2 May 2019 9:31
Operator : JC/SP
Sample : VN0502MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Quant Time: May 03 01:50:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	352588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	594323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	249139	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.02%			
35) Dibromofluoromethane	7.59	113	197580	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
50) Toluene-d8	10.09	98	748547	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.28%			
62) 4-Bromofluorobenzene	12.40	95	215550	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.92%			
Target Compounds						Qvalue
16) Acetone	3.83	43	2166	1.507	ug/l #	89
17) Carbon Disulfide	4.06	76	2437	0.268	ug/l #	73
18) Methyl Acetate	4.33	43	2264	Below Cal	#	86
31) Cyclohexane	7.66	56	8376	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	26463	4.649	ug/l #	51
38) Carbon Tetrachloride	7.67	117	34121	6.214	ug/l #	16
41) Methacrylonitrile	7.18	41	30	0.752	ug/l #	30
43) Isopropyl Acetate	8.23	43	8885	1.267	ug/l #	56
51) 4-Methyl-2-Pentanone	9.99	43	1663	0.421	ug/l #	39
59) 2-Hexanone	10.76	43	1789	0.724	ug/l #	60
71) Bromoform	12.40	173	1274	0.549	ug/l #	1
73) Isopropylbenzene	12.25	105	933	Below Cal	#	73
75) 1,1,2,2-Tetrachloroethane	12.51	83	115	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	115741	46.134	ug/l #	100
77) Bromobenzene	12.53	156	159	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	804	Below Cal		80
81) trans-1,4-Dichloro-2-buten	12.40	75	115741	163.192	ug/l #	7
83) tert-Butylbenzene	13.00	119	688	Below Cal		89
89) n-Butylbenzene	13.61	91	1639	0.245	ug/l	73
90) Hexachloroethane	13.88	117	58	Below Cal	#	7
91) 1,2-Dichlorobenzene	13.65	146	1011	0.227	ug/l #	60
93) 1,2,4-Trichlorobenzene	14.91	180	998	3.841	ug/l #	70
94) Hexachlorobutadiene	15.01	225	952	Below Cal		86
95) Naphthalene	15.13	128	2694	4.001	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.31	180	1208	3.274	ug/l #	18

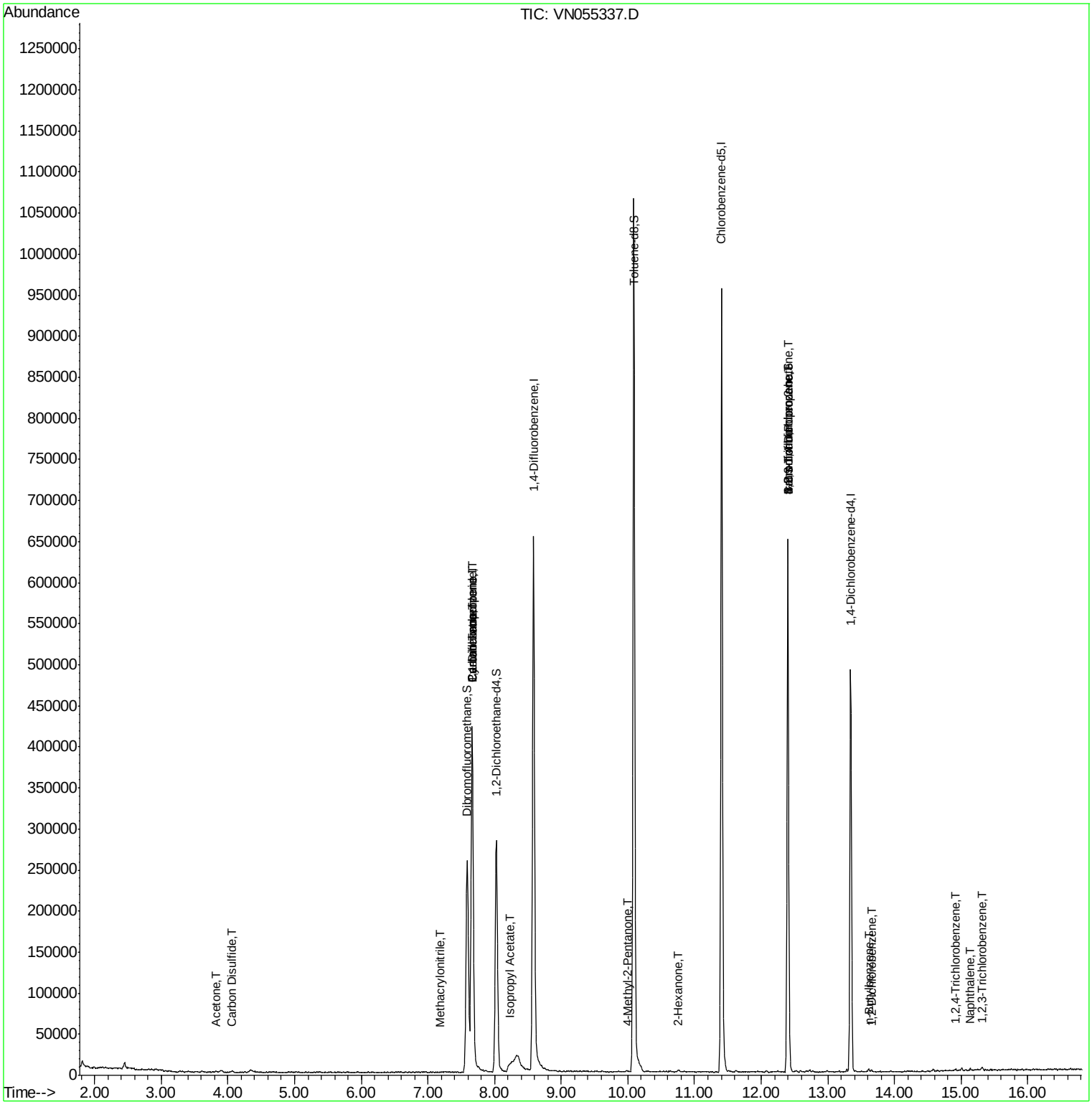
(#) = qualifier out of range (m) = manual integration (+) = signals summed

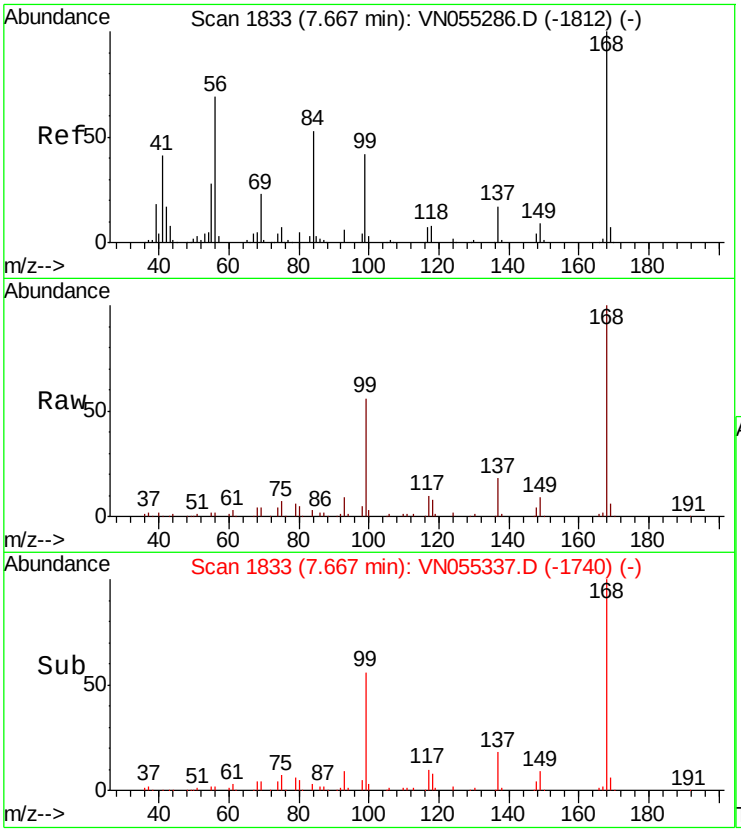
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055337.D
Acq On : 2 May 2019 9:31
Operator : JC/SP
Sample : VN0502MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Quant Time: May 03 01:50:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration



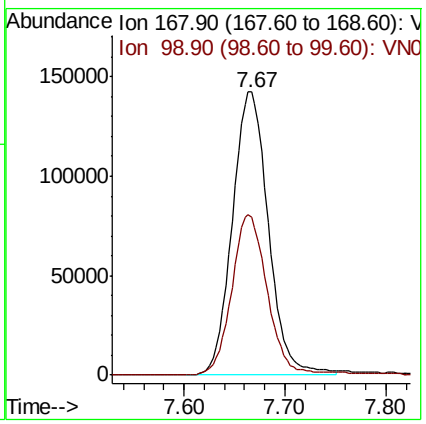


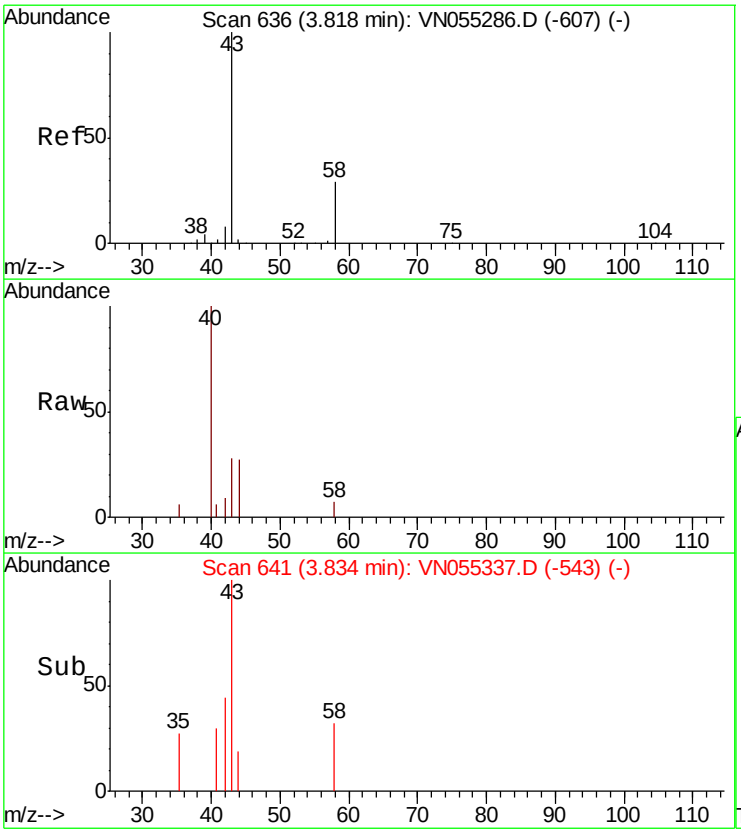
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:168 Resp: 352588

Ion	Ratio	Lower	Upper
168	100		
99	55.6	43.6	65.4

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

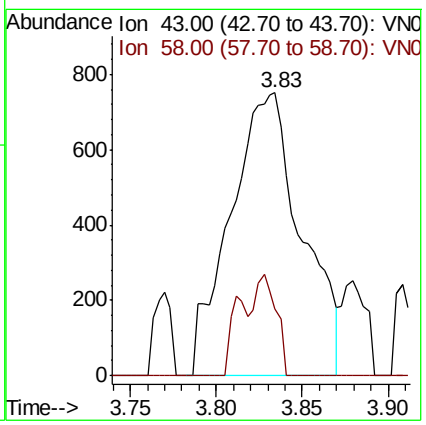


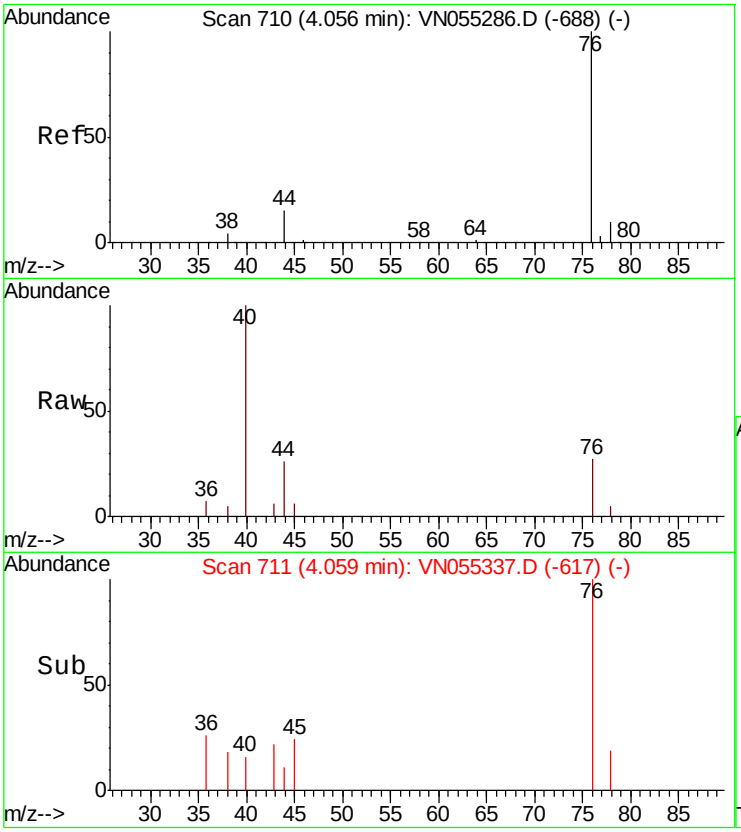


#16
Acetone
Concen: 1.507 ug/l
RT: 3.83 min Scan# 641
Delta R.T. 0.02 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 43 Resp: 2166

Ion	Ratio	Lower	Upper
43	100		
58	23.4	23.6	35.4#



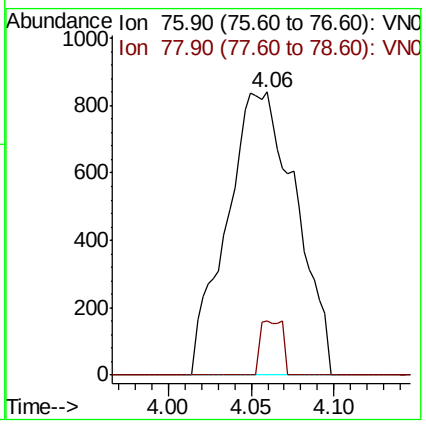


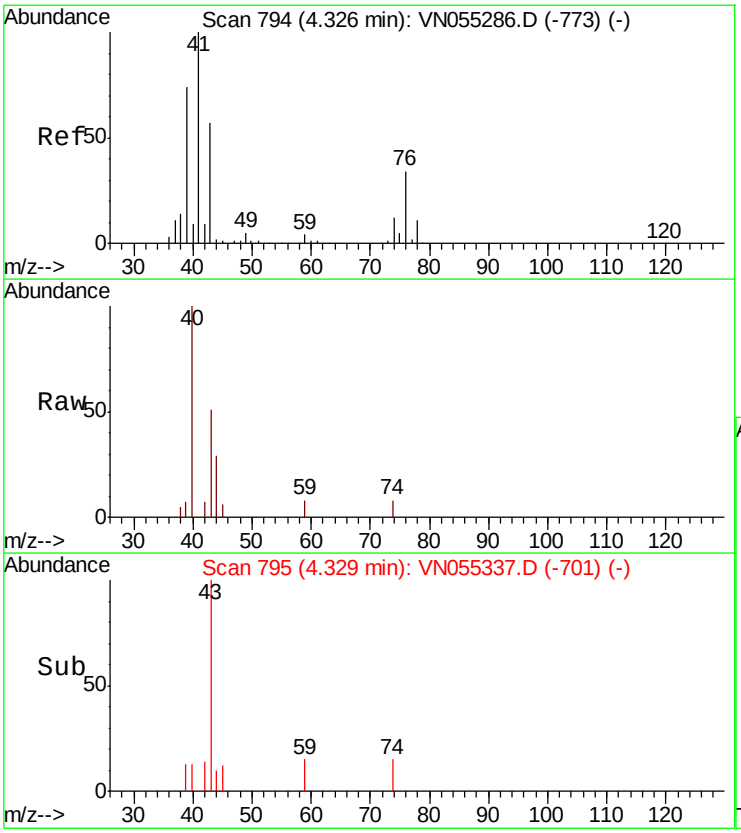
#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tgt Ion: 76 Resp: 2437

Ion	Ratio	Lower	Upper
76	100		
78	19.3	7.6	11.4#

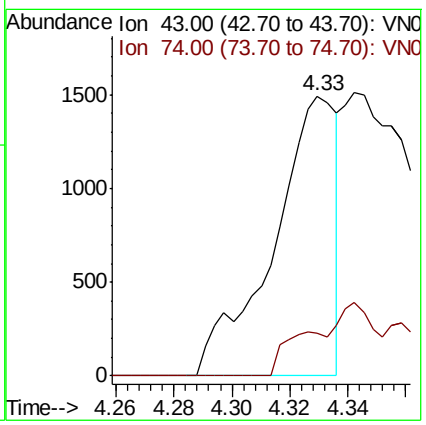


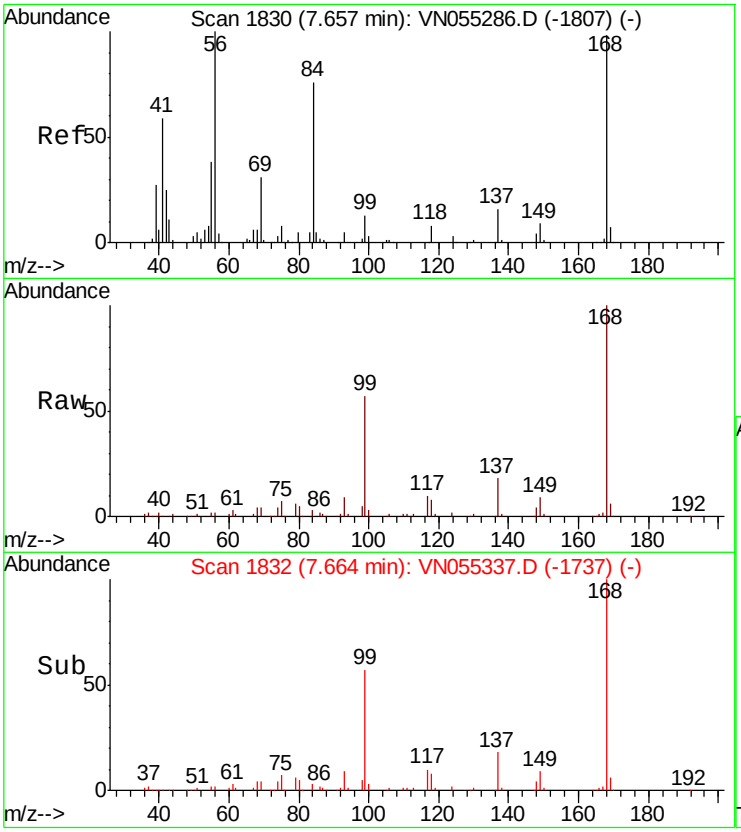


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 43 Resp: 2264

Ion	Ratio	Lower	Upper
43	100		
74	26.2	15.8	23.8#



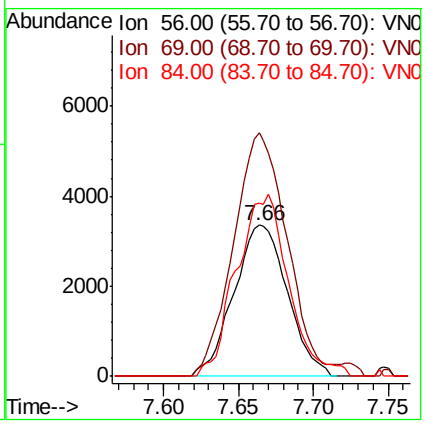


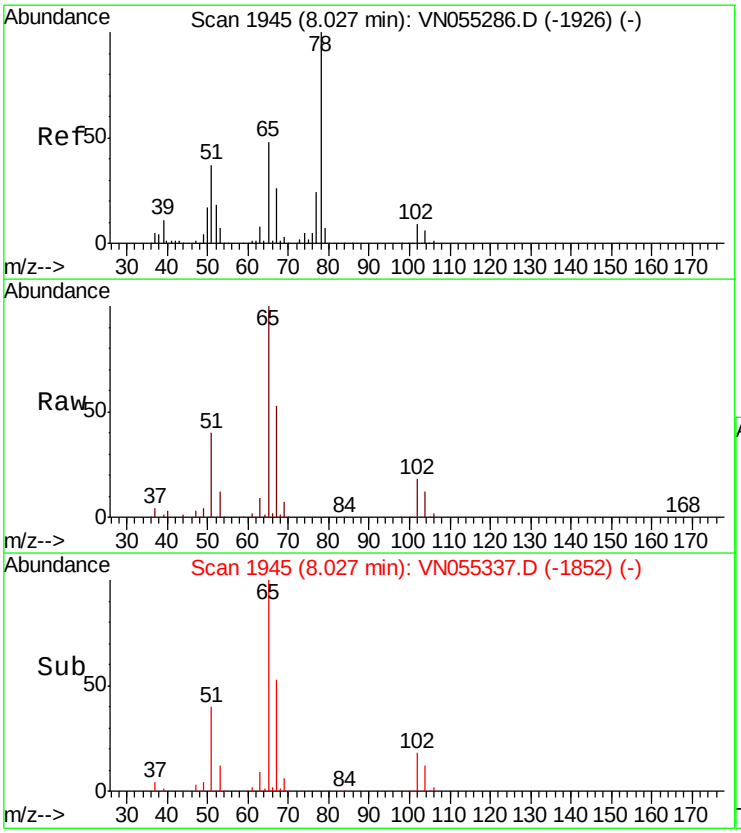
#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tgt Ion: 56 Resp: 8376

Ion	Ratio	Lower	Upper
56	100		
69	161.4	25.2	37.8#
84	115.1	61.1	91.7#

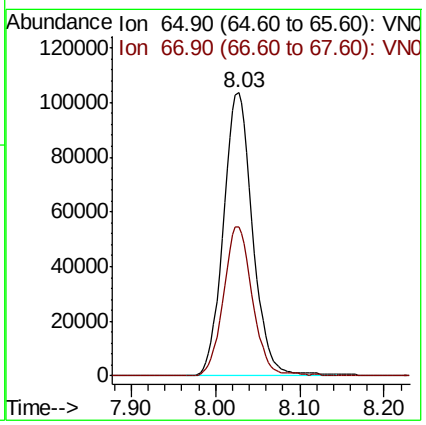


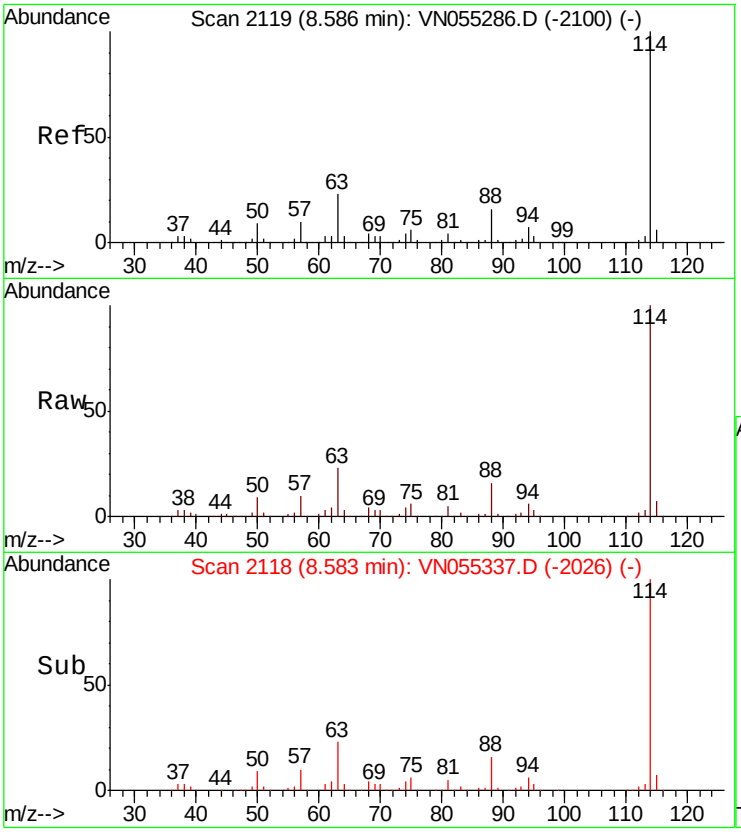


#33
1,2-Dichloroethane-d4
Concen: 54.012 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 65 Resp: 249139

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.8



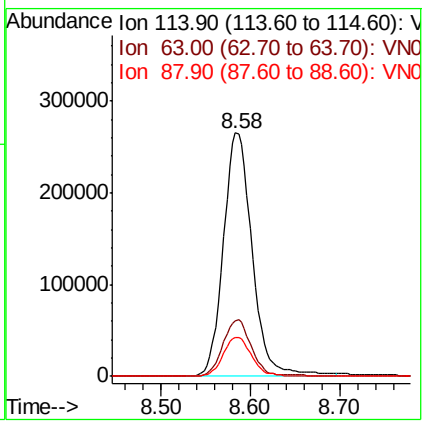


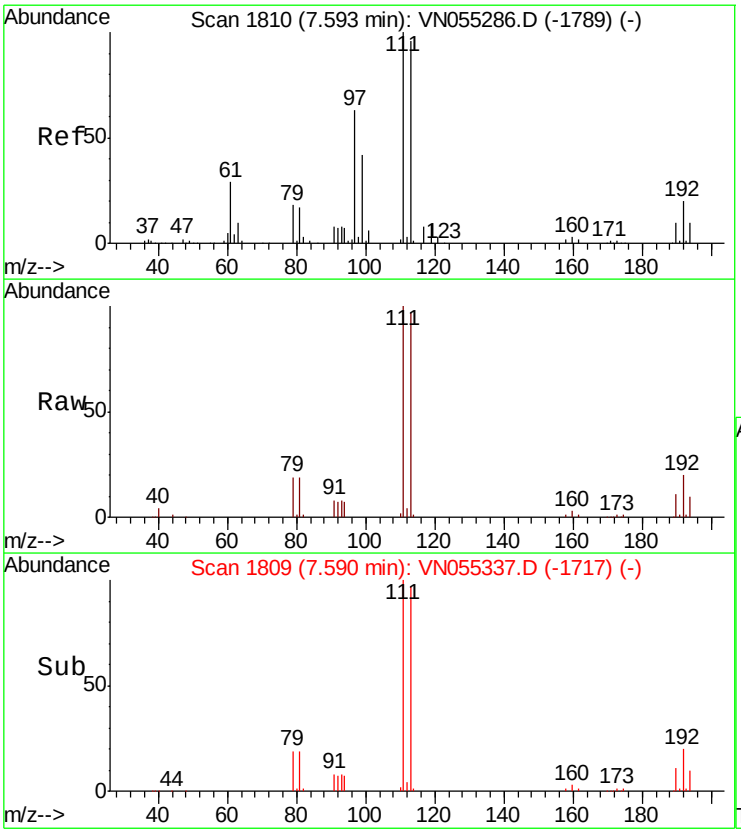
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Tgt Ion:114 Resp: 594323

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.2
88	16.0	0.0	31.6

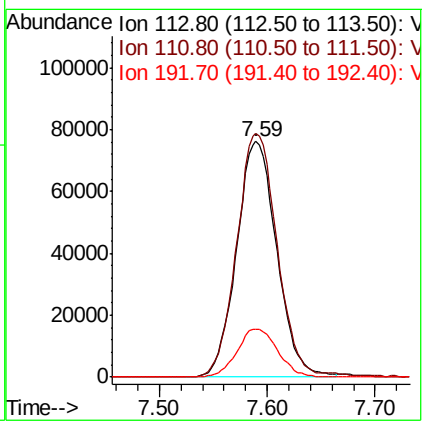


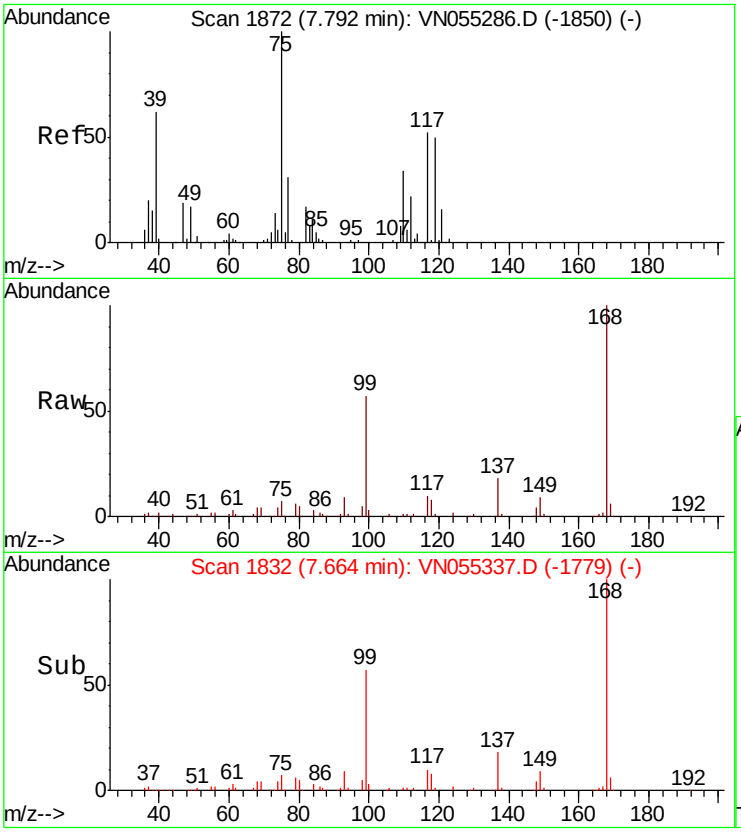


#35
Dibromofluoromethane
Concen: 50.649 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:113 Resp: 197580

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.3	123.5
192	20.5	17.0	25.6



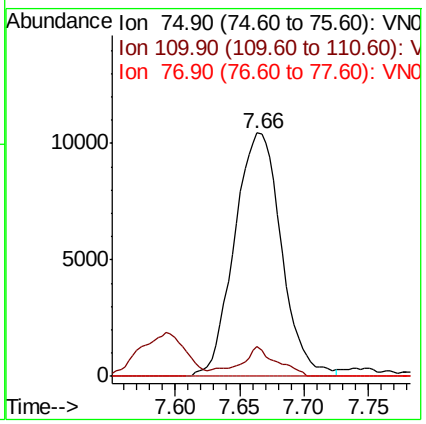


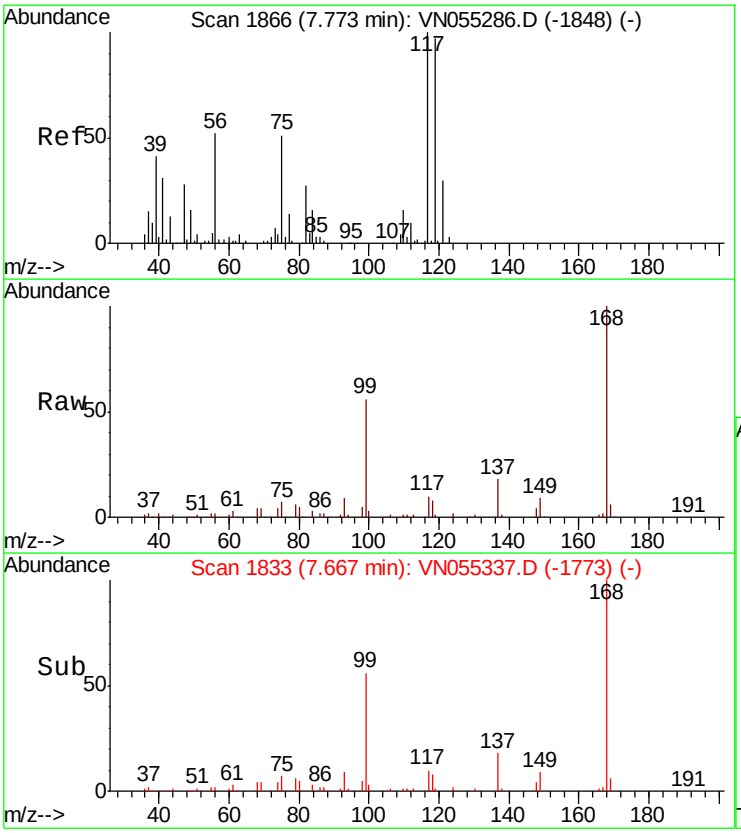
#36
1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tgt Ion: 75 Resp: 26463

Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.8	50.4#
77	0.0	25.0	37.6#

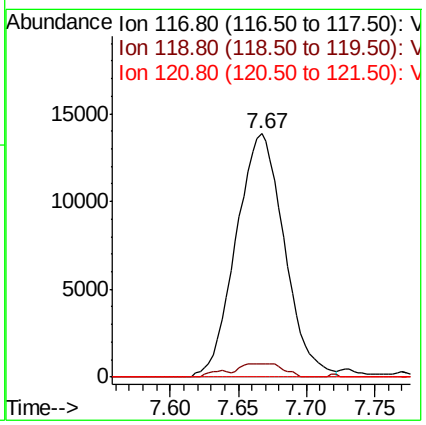


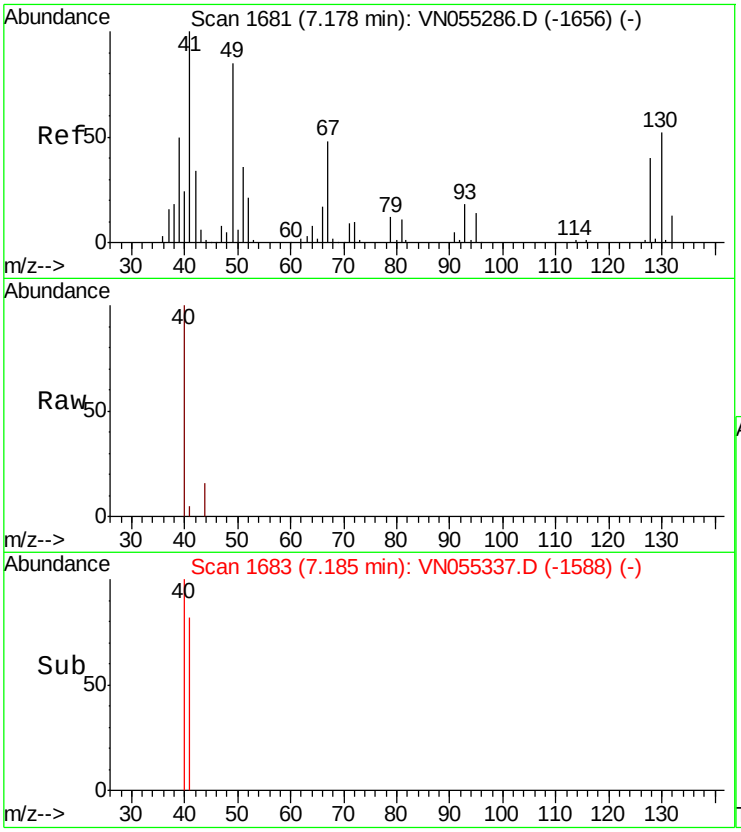


#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:117 Resp: 34121

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.0	115.6#
121	0.0	23.8	35.8#



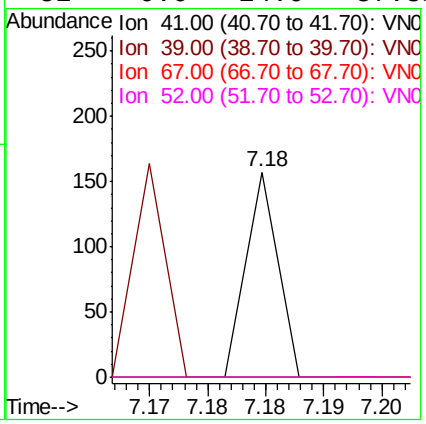


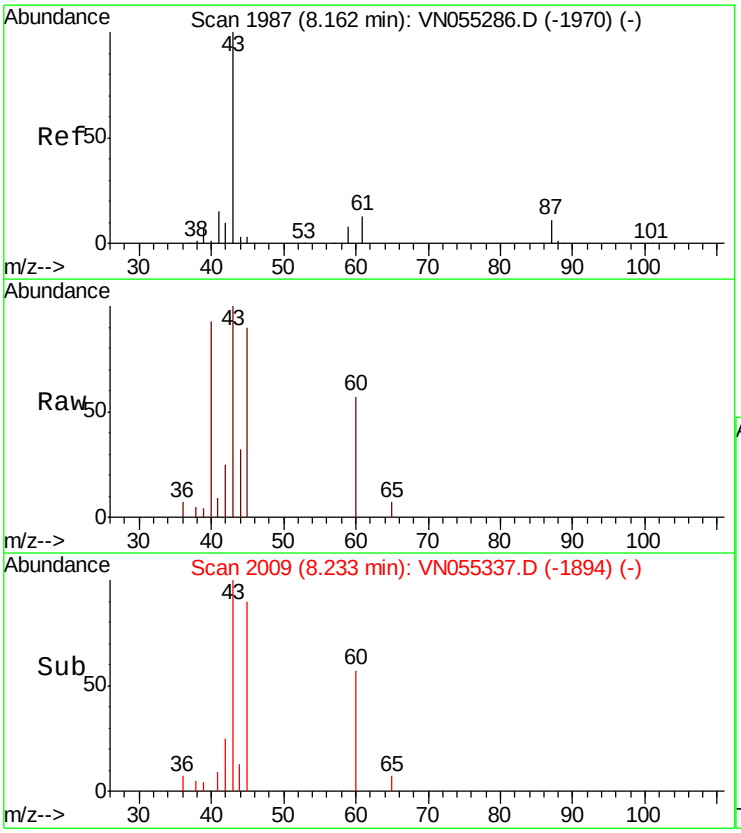
#41
Methacrylonitrile
Concen: 0.752 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Tgt Ion: 41 Resp: 30

Ion	Ratio	Lower	Upper
41	100		
39	106.7	48.5	72.7#
67	0.0	54.9	82.3#
52	0.0	24.9	37.3#

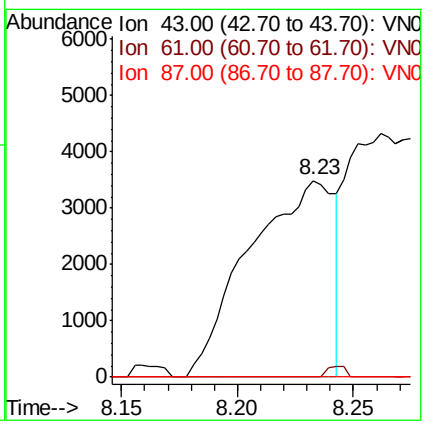


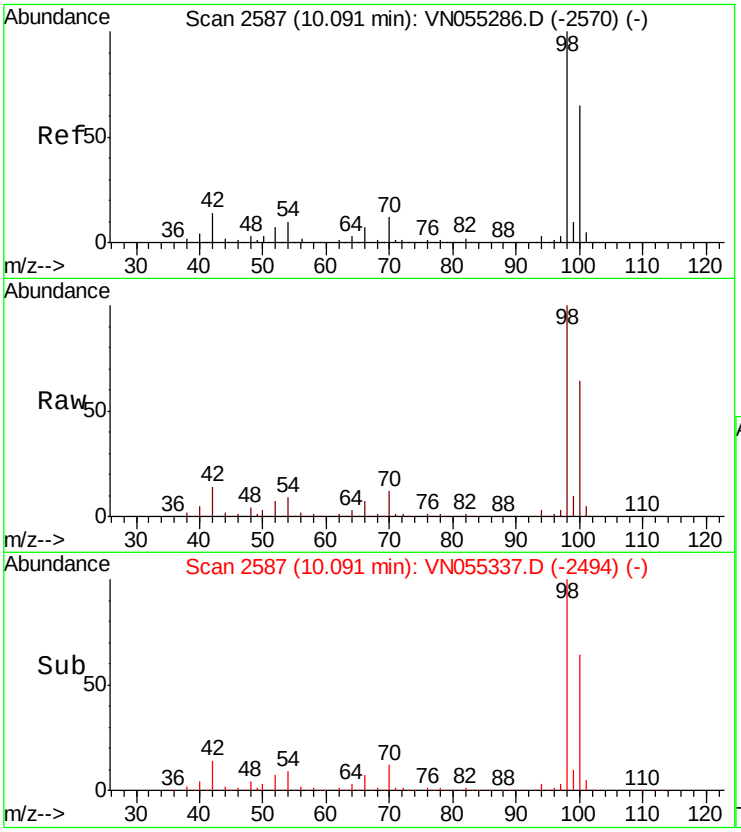


#43
Isopropyl Acetate
Concen: 1.267 ug/l
RT: 8.23 min Scan# 2009
Delta R.T. 0.07 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 43 Resp: 8885

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.8	31.2#
87	0.0	8.5	12.7#



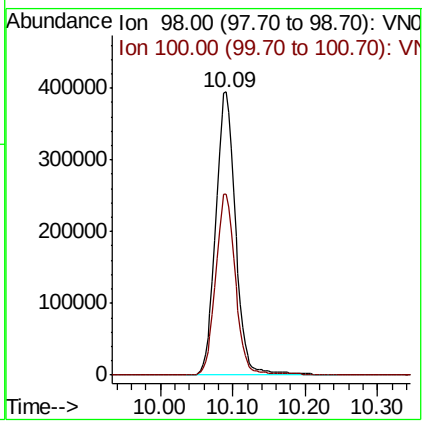


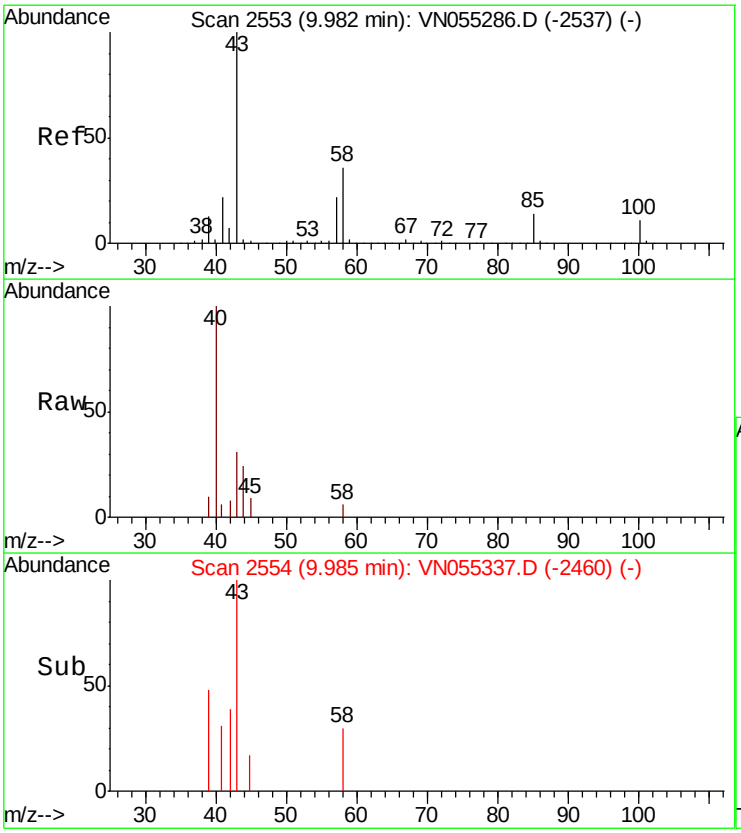
#50
Toluene-d8
Concen: 53.142 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Tgt Ion: 98 Resp: 748547

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5

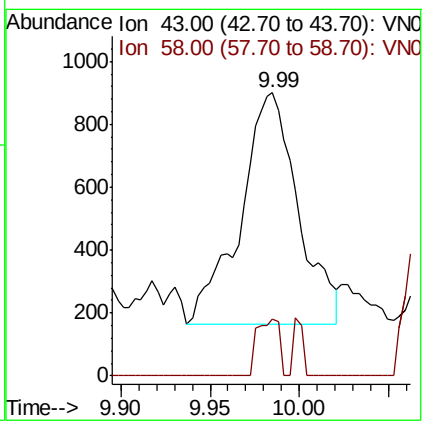


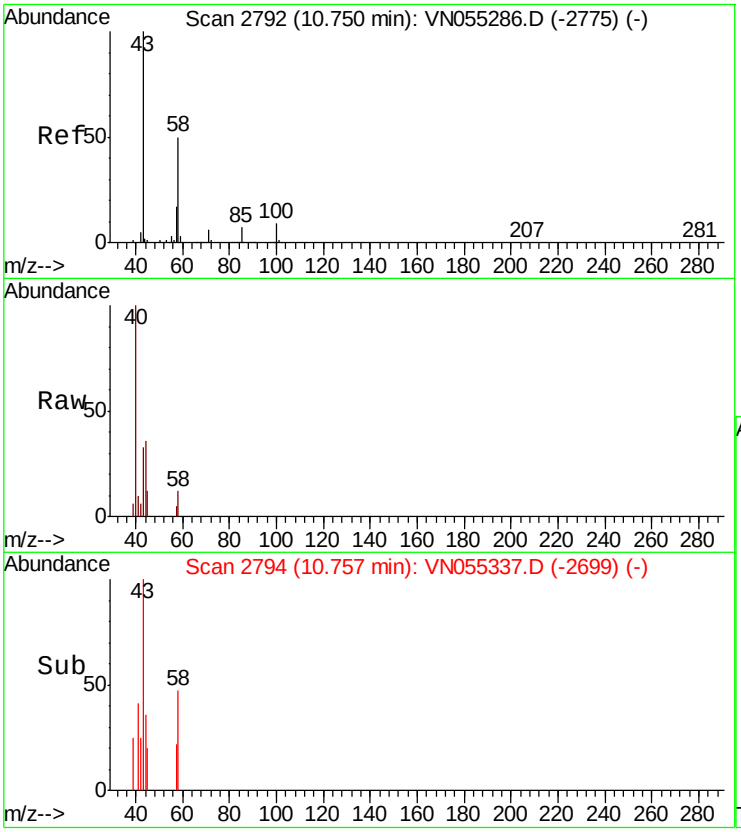


#51
4-Methyl-2-Pentanone
Concen: 0.421 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 43 Resp: 1663

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#



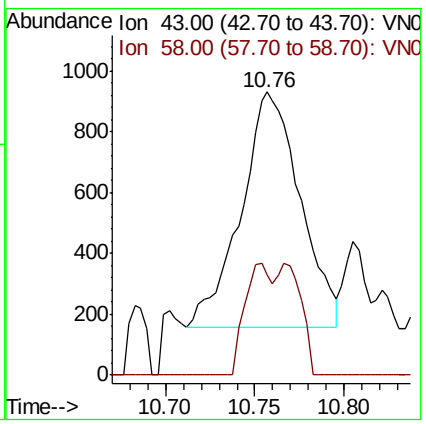


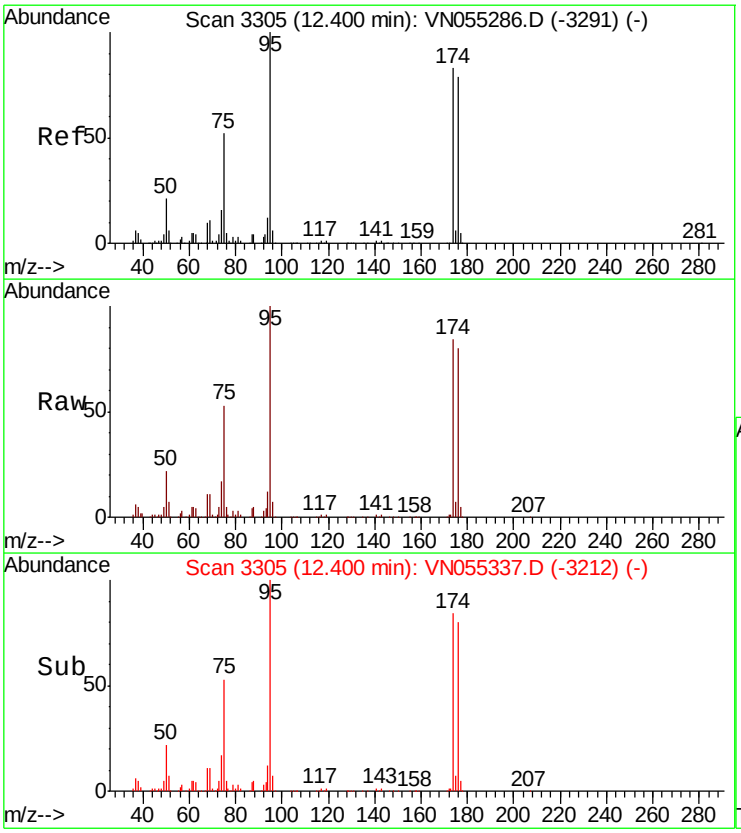
#59
2-Hexanone
Concen: 0.724 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Tgt Ion: 43 Resp: 1789

Ion	Ratio	Lower	Upper
43	100		
58	22.0	24.9	74.6#

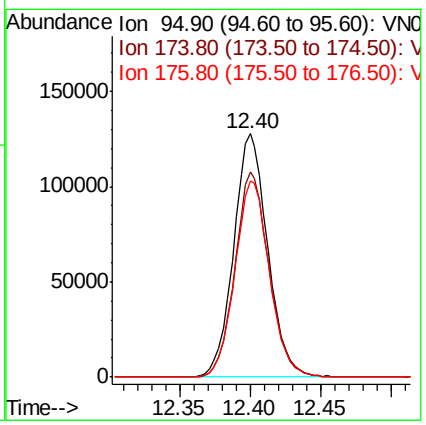


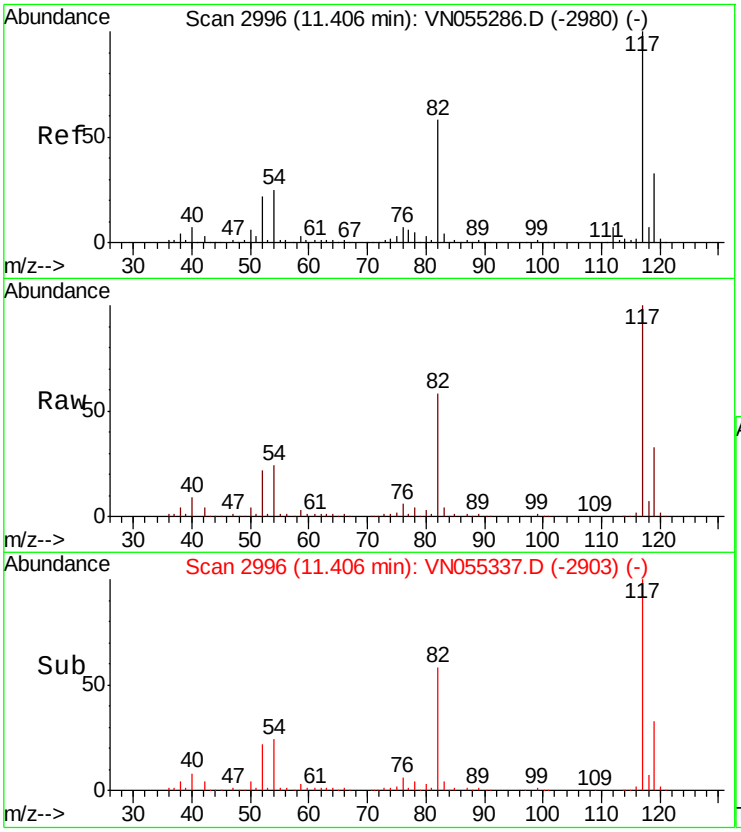


#62
4-Bromofluorobenzene
Concen: 48.963 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 95 Resp: 215550

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	166.6
176	82.1	0.0	157.8



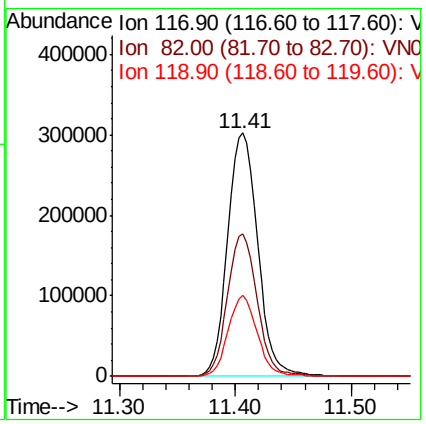


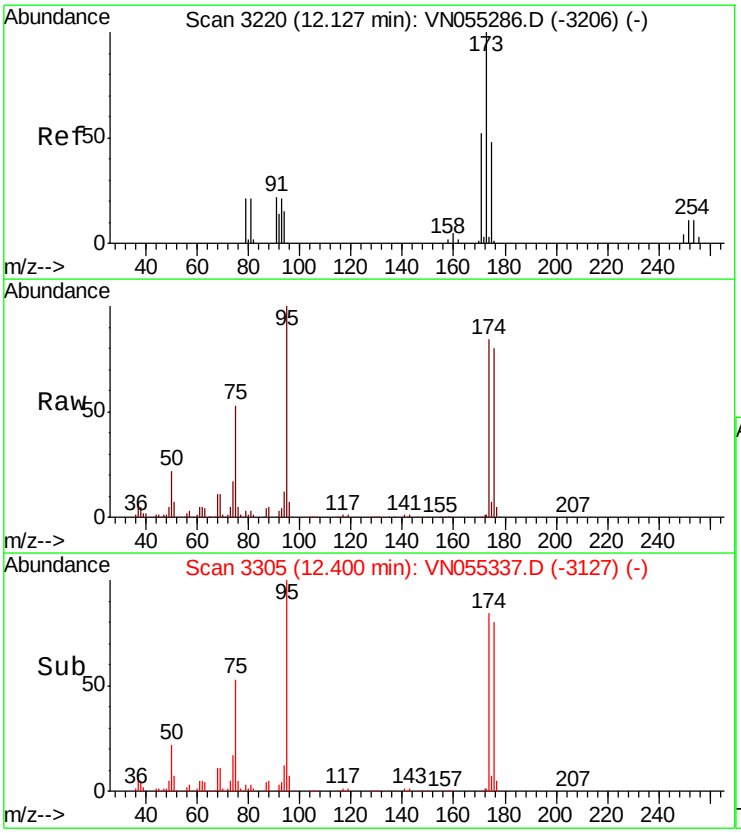
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Tgt Ion:117 Resp: 545929

Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.2	69.4
119	33.1	26.6	40.0

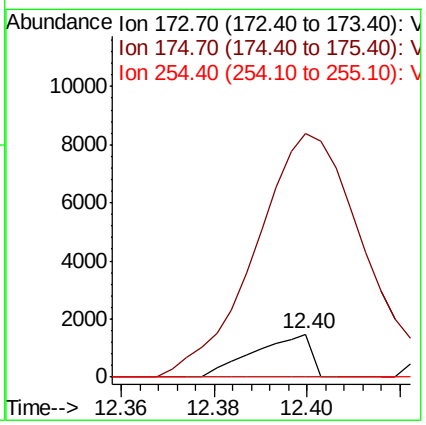


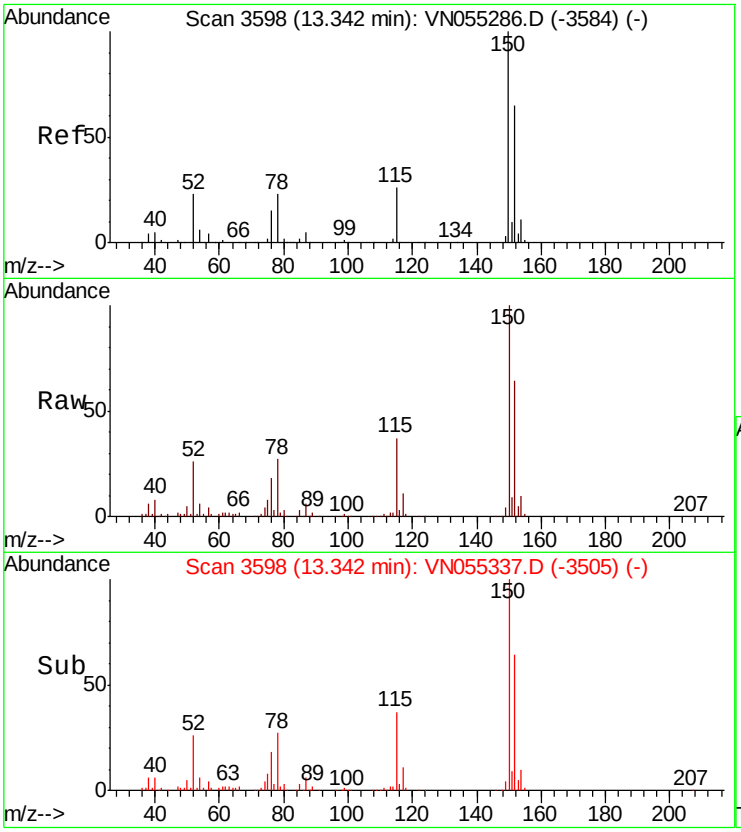


#71
Bromoform
Concen: 0.549 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:173 Resp: 1274

Ion	Ratio	Lower	Upper
173	100		
175	947.8	23.6	71.0#
254	0.0	0.0	0.0



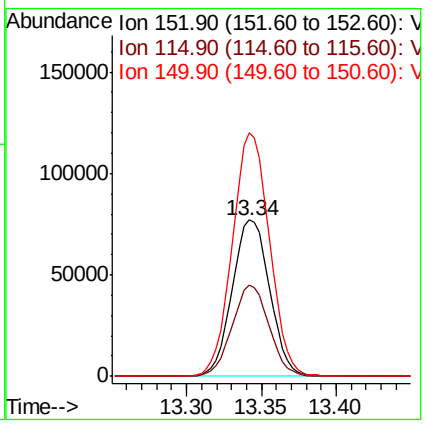


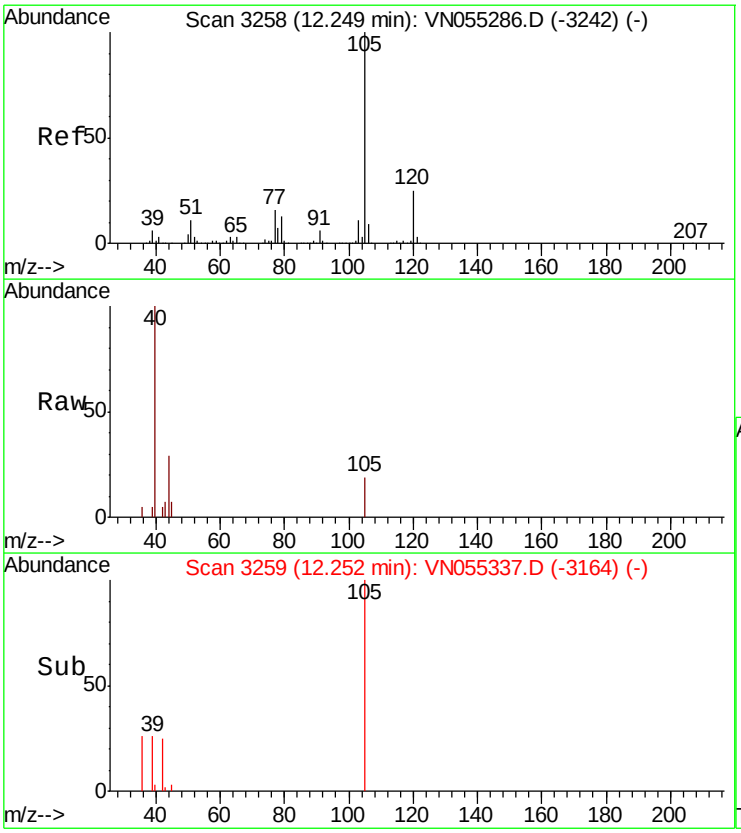
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Tgt Ion:152 Resp: 134404

Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.0	87.0
150	154.3	0.0	345.6

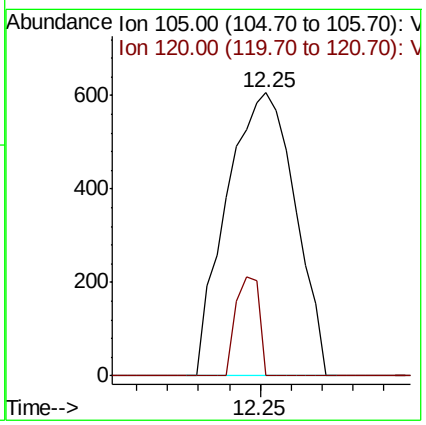


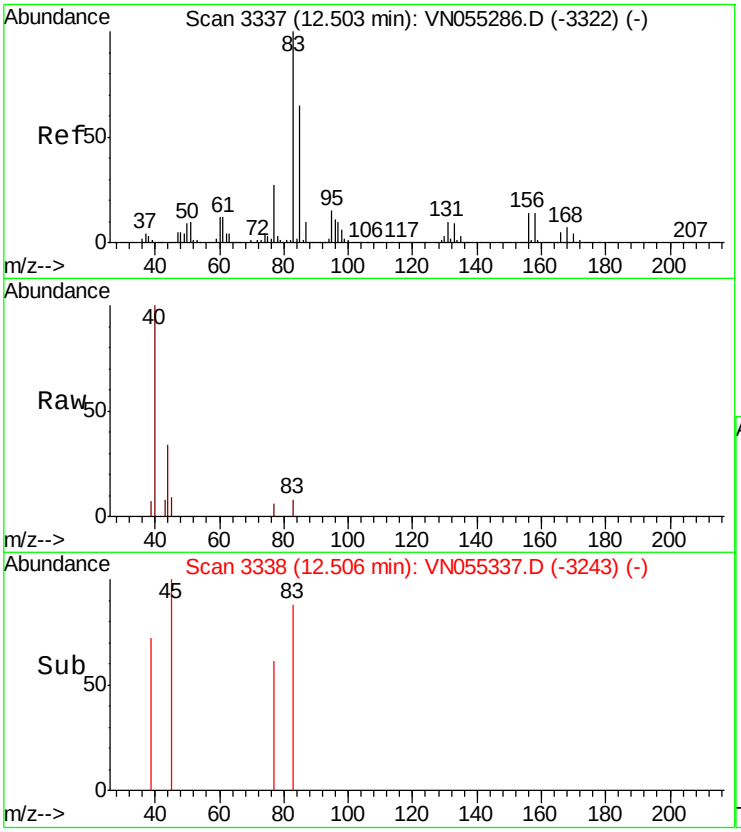


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:105 Resp: 933

Ion	Ratio	Lower	Upper
105	100		
120	11.9	12.9	38.7#



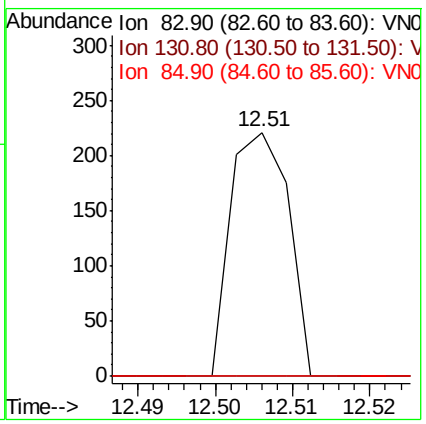


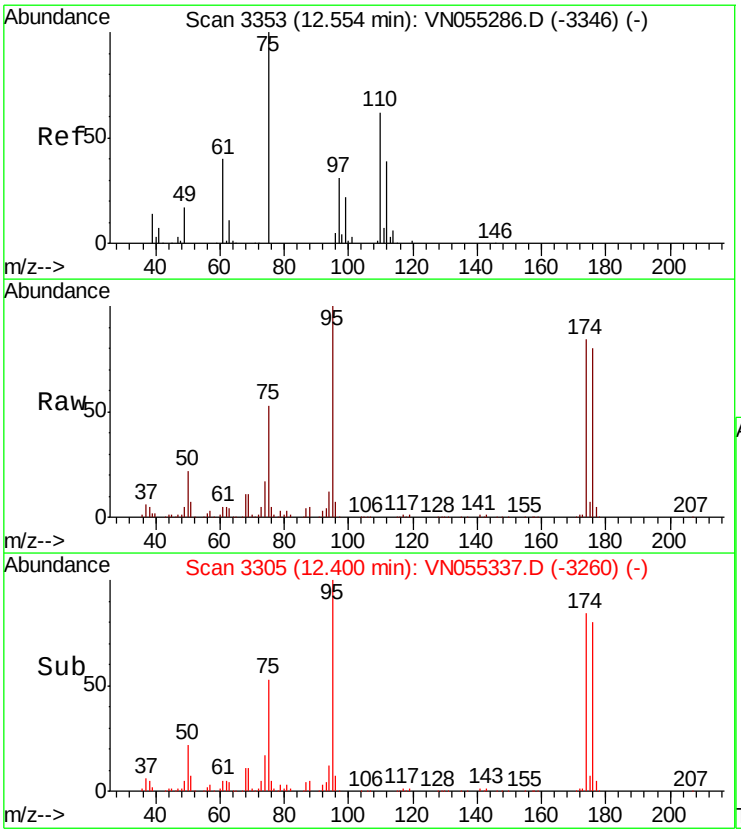
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Tgt Ion: 83 Resp: 115

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.2#
85	0.0	32.3	96.8#

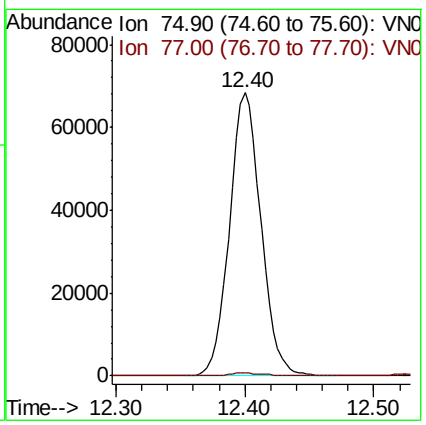


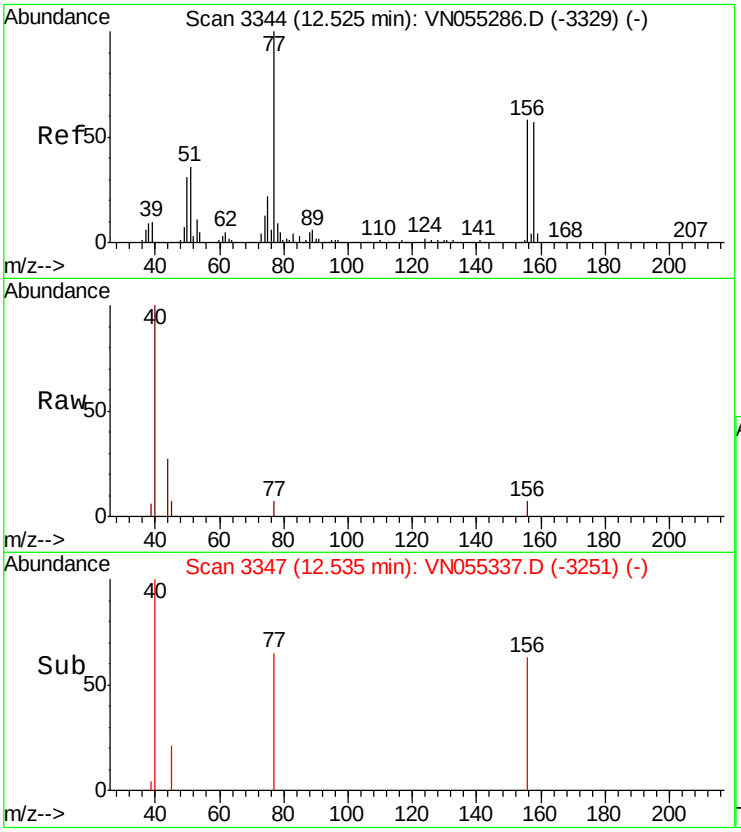


#76
1,2,3-Trichloropropane
Concen: 46.134 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 75 Resp: 115741

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



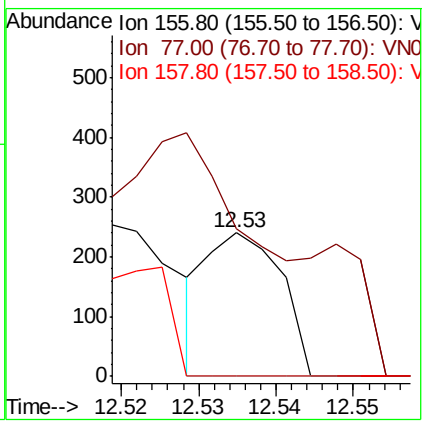


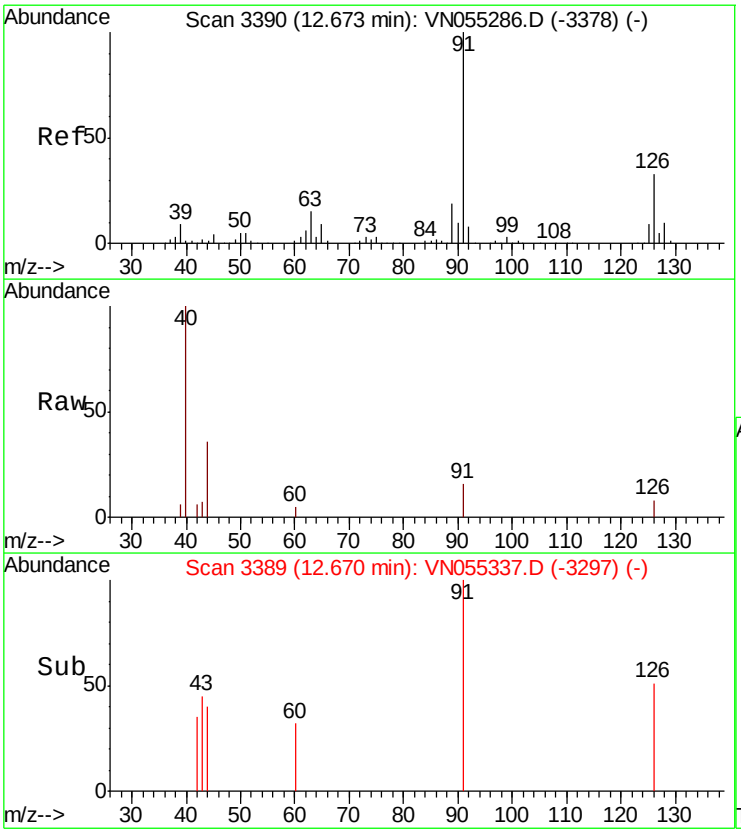
#77
Bromobenzene
Concen: Below Cal
RT: 12.53 min Scan# 3347
Delta R.T. 0.01 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument : MSVOA_N
ClientSampleId : VN0502MBL01

Tgt Ion:156 Resp: 159

Ion	Ratio	Lower	Upper
156	100		
77	404.4	99.6	298.8#
158	63.5	49.3	147.8

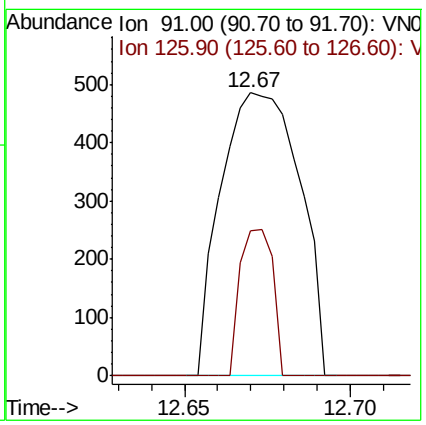


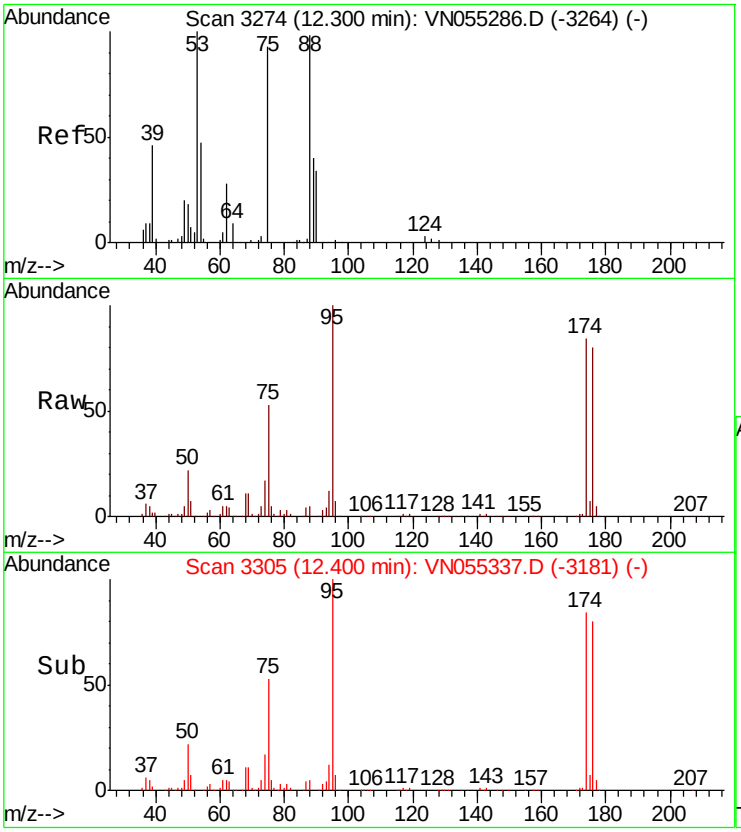


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.67 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 91 Resp: 804

Ion	Ratio	Lower	Upper
91	100		
126	21.5	16.6	49.7



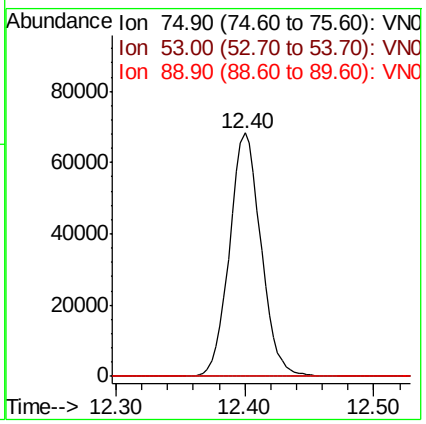


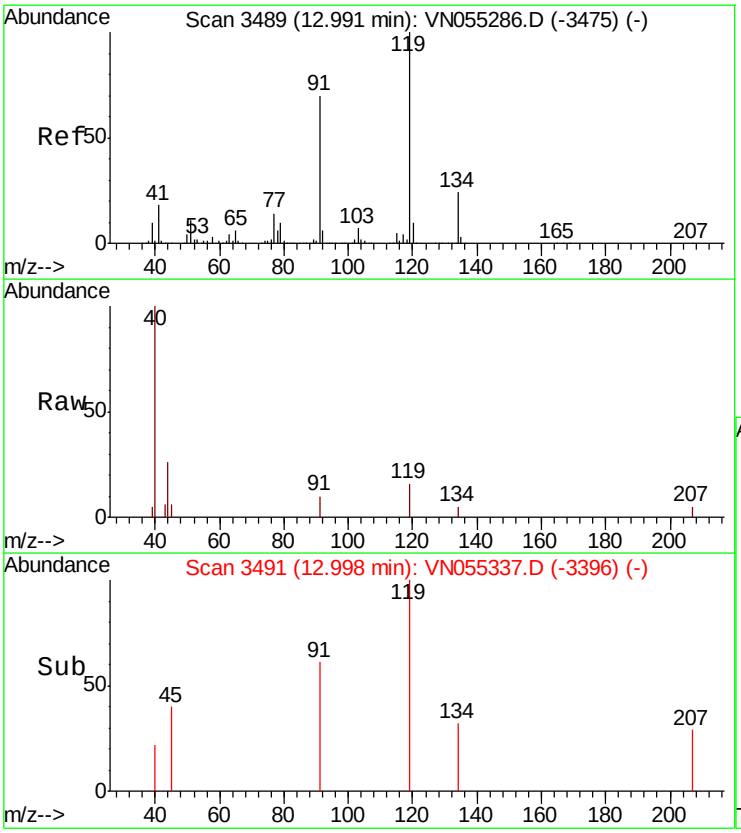
#81
trans-1,4-Dichloro-2-butene
Concen: 163.192 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tgt Ion: 75 Resp: 115741

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.3	129.5#
89	0.0	34.6	51.8#

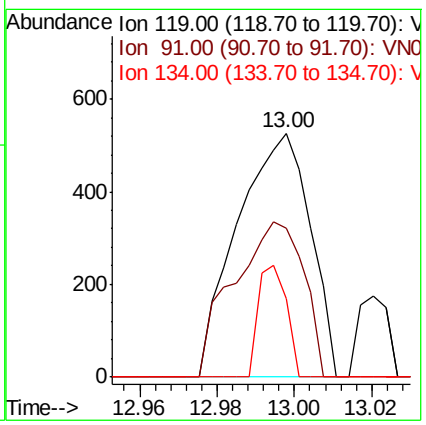


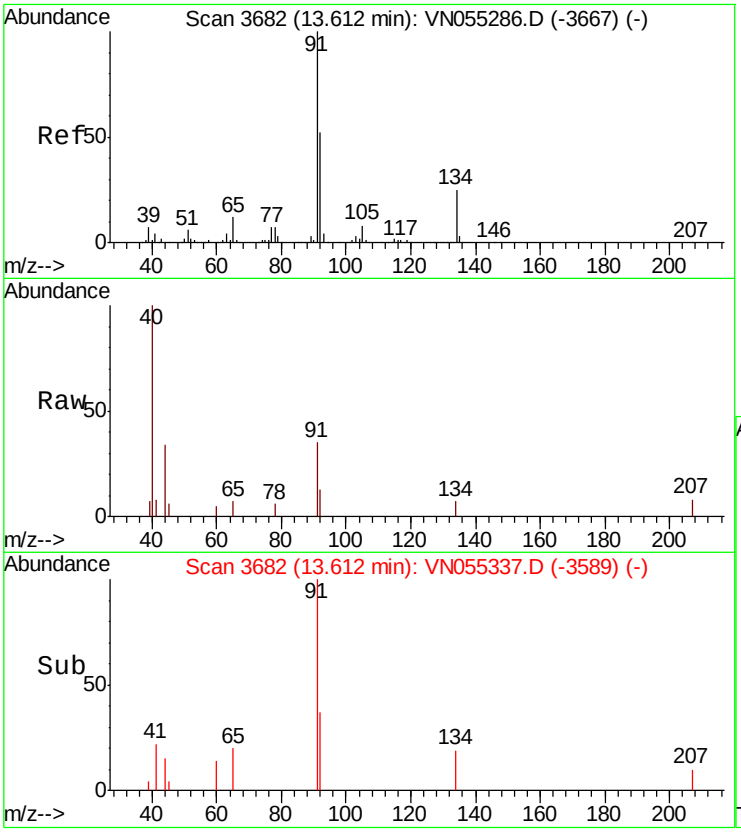


#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3491
Delta R.T. 0.01 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:119 Resp: 688

Ion	Ratio	Lower	Upper
119	100		
91	61.5	34.3	102.9
134	17.9	13.1	39.3



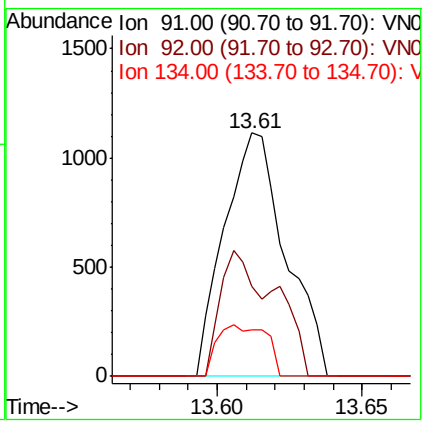


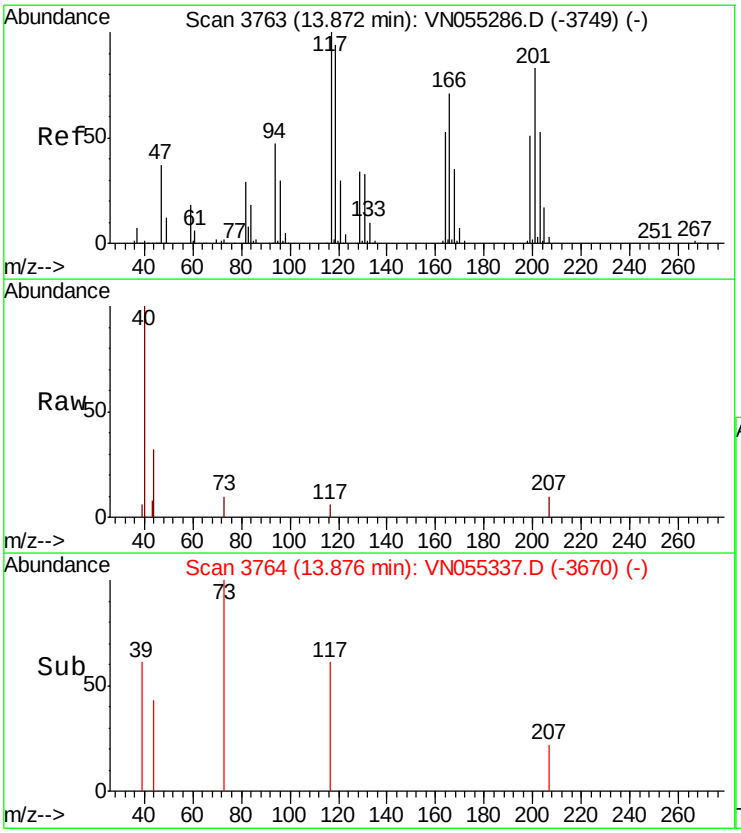
#89
n-Butylbenzene
Concen: 0.245 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tgt Ion: 91 Resp: 1639

Ion	Ratio	Lower	Upper
91	100		
92	30.0	26.1	78.3
134	16.8	12.4	37.4

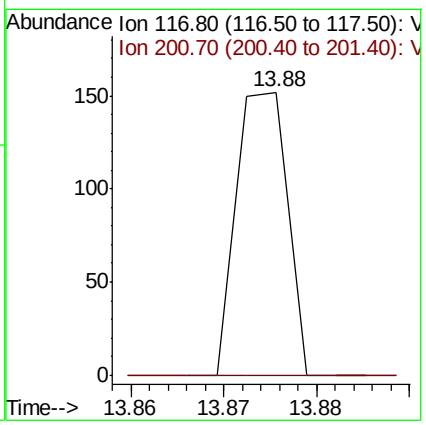


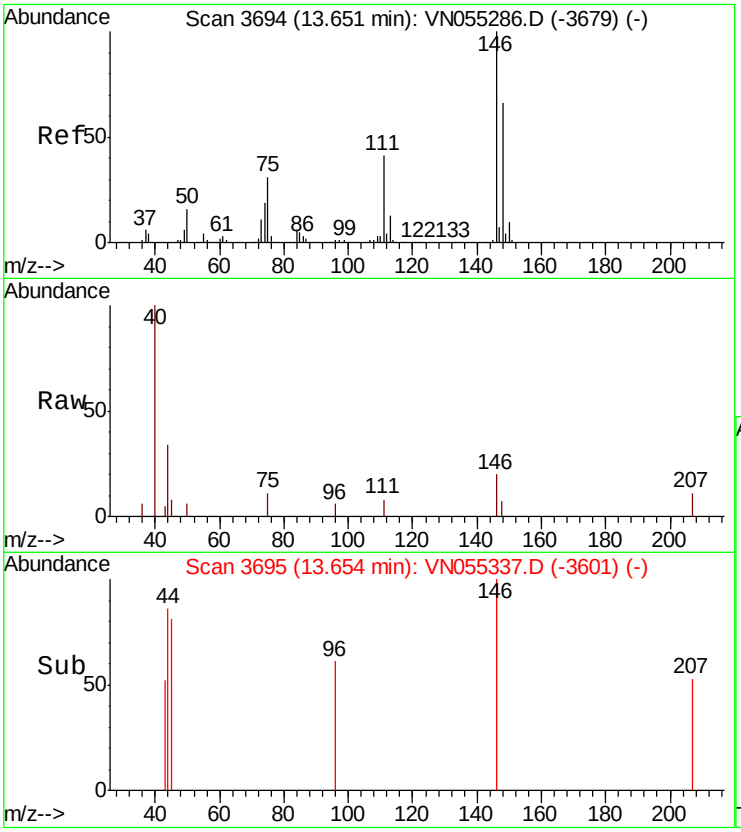


#90
Hexachloroethane
Concen: Below Cal
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:117 Resp: 58

Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.9	125.8#



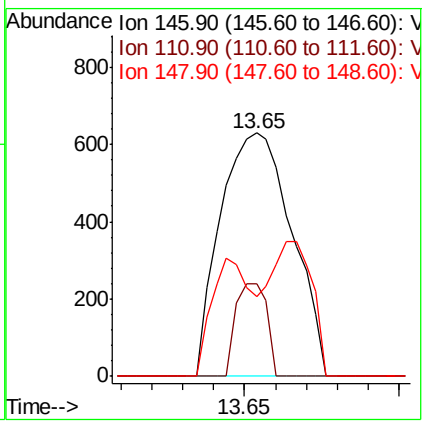


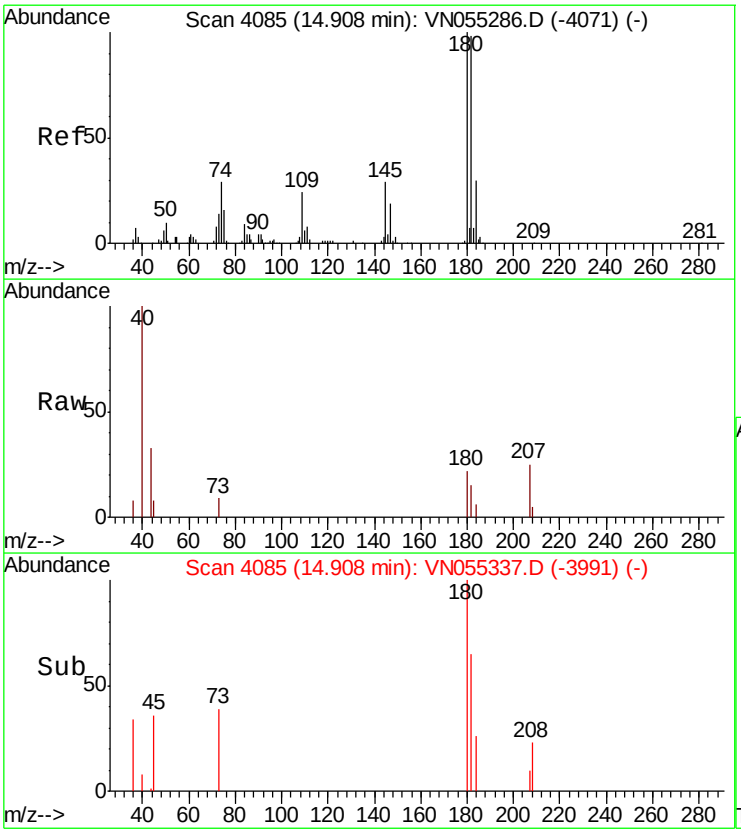
#91
1,2-Dichlorobenzene
Concen: 0.227 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tgt Ion:146 Resp: 1011

Ion	Ratio	Lower	Upper
146	100		
111	16.5	20.3	61.0#
148	32.9	32.4	97.2

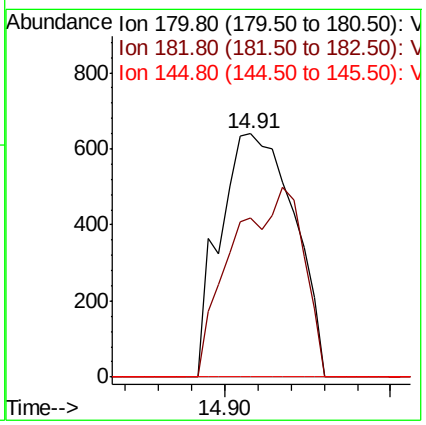


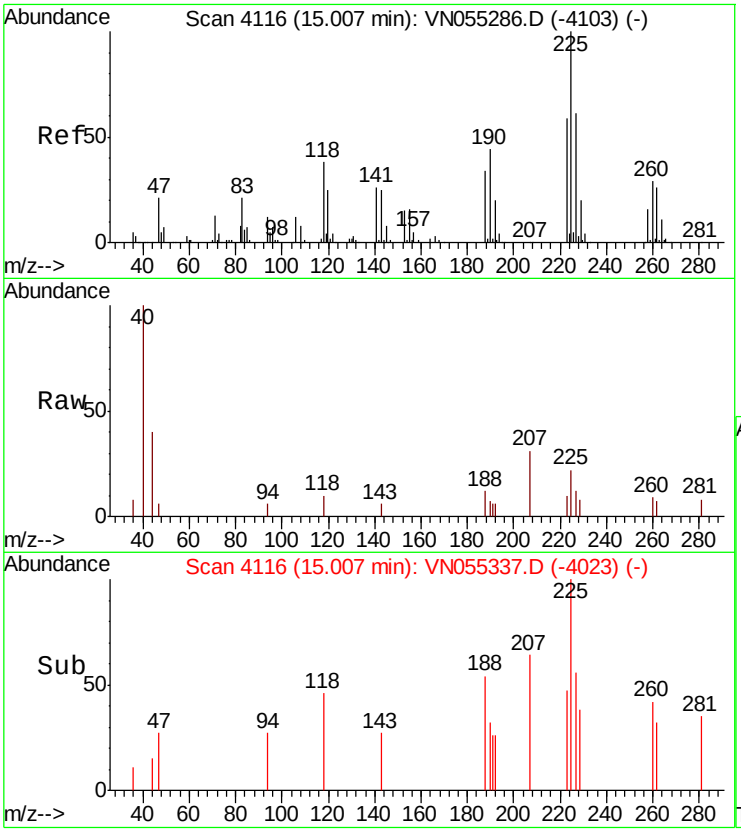


#93
1,2,4-Trichlorobenzene
Concen: 3.841 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:180 Resp: 998

Ion	Ratio	Lower	Upper
180	100		
182	74.2	48.3	144.9
145	0.0	14.2	42.6#



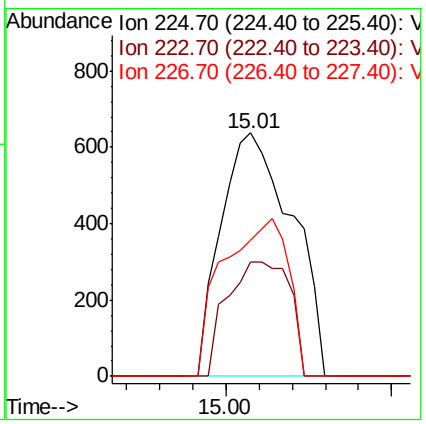


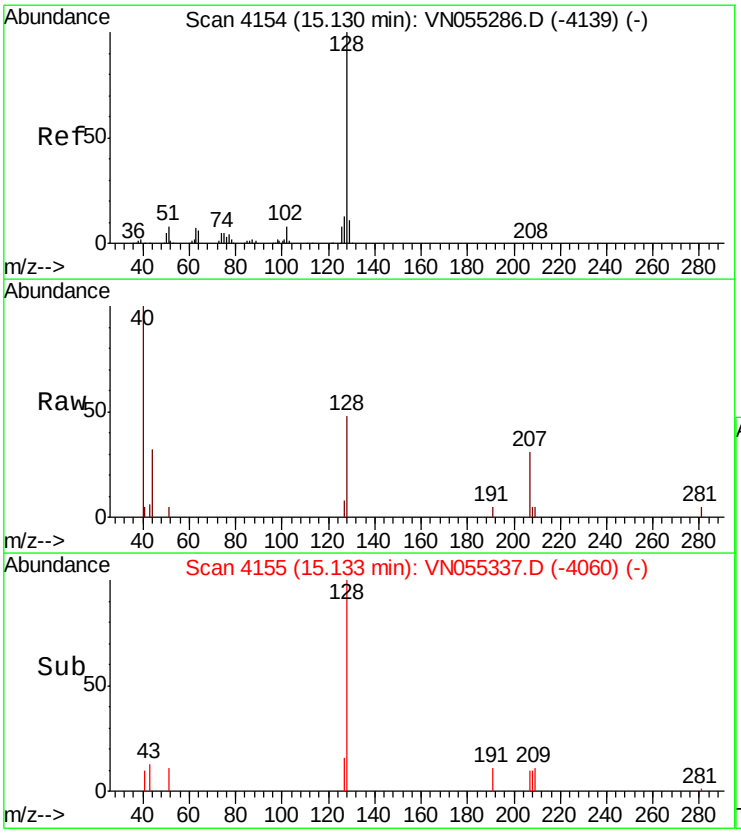
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tgt Ion:225 Resp: 952

Ion	Ratio	Lower	Upper
225	100		
223	41.0	30.3	90.8
227	59.2	30.9	92.7

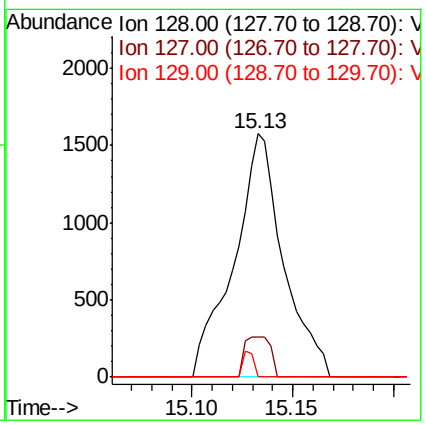


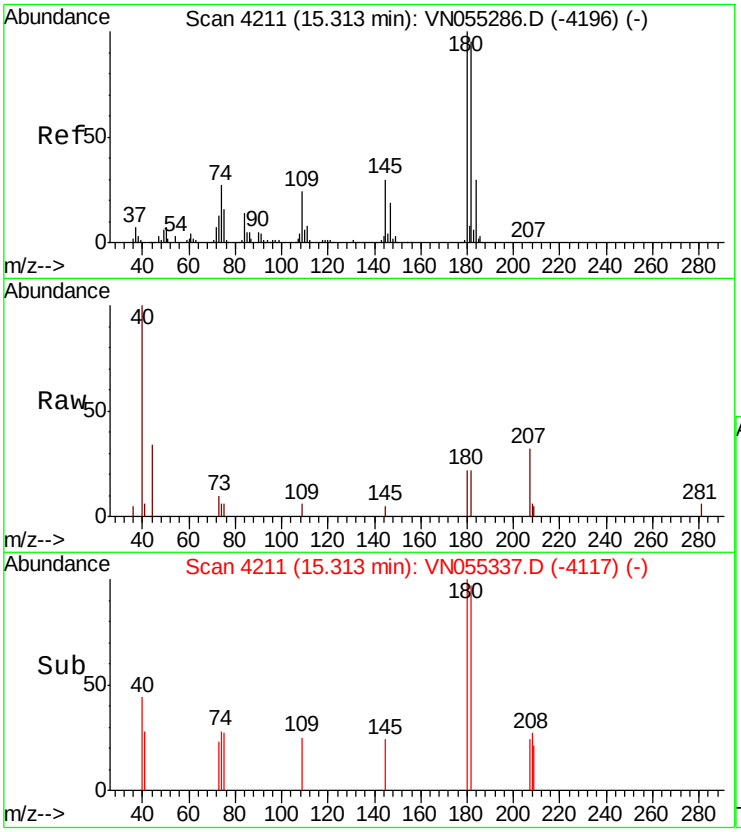


#95
Naphthalene
Concen: 4.001 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:128 Resp: 2694

Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.7	16.1#
129	2.3	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 3.274 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tgt Ion:180 Resp: 1208

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.9#
145	14.0	15.2	45.6#