Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091420\
Data File : VN063332.D
Acq On : 14 Sep 2020 10:41
Operator : JC/MD
Sample : VN0914MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Quant Time: Sep 15 05:07:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	403296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	755920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	712128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	274243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	315090	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.46%			
35) Dibromofluoromethane	7.54	113	242933	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.64%			
50) Toluene-d8	10.06	98	957646	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.48%			
62) 4-Bromofluorobenzene	12.38	95	347347	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.64%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	1988	Below Cal	#	60
11) Tert butyl alcohol	4.73	59	258	0.308 ug/l	#	72
13) Acrolein	3.57	56	238	32.911 ug/l	#	50
16) Acetone	3.78	43	1146	0.524 ug/l	#	68
17) Carbon Disulfide	4.00	76	959	Below Cal	#	75
18) Methyl Acetate	4.29	43	1861	0.338 ug/l	#	83
20) Methylene Chloride	4.51	84	2081	Below Cal	#	74
29) Tetrahydrofuran	7.16	42	466	0.221 ug/l	#	37
31) Cyclohexane	7.62	56	11797	1.327 ug/l	#	12
36) 1,1-Dichloropropene	7.62	75	37879	4.875 ug/l	#	45
38) Carbon Tetrachloride	7.62	117	44878	5.869 ug/l	#	17
41) Methacrylonitrile	7.14	41	818	0.237 ug/l	#	100
49) 1,4-Dioxane	9.17	88	240	2.509 ug/l	#	68
76) 1,2,3-Trichloropropane	12.38	75	189588	31.336 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	189588	84.193 ug/l	#	9
88) 1,4-Dichlorobenzene	13.34	146	1011	Below Cal	#	1
94) Hexachlorobutadiene	14.98	225	659	Below Cal	#	49
95) Naphthalene	15.11	128	4952	Below Cal	#	94
96) 1,2,3-Trichlorobenzene	15.28	180	1218	Below Cal		94

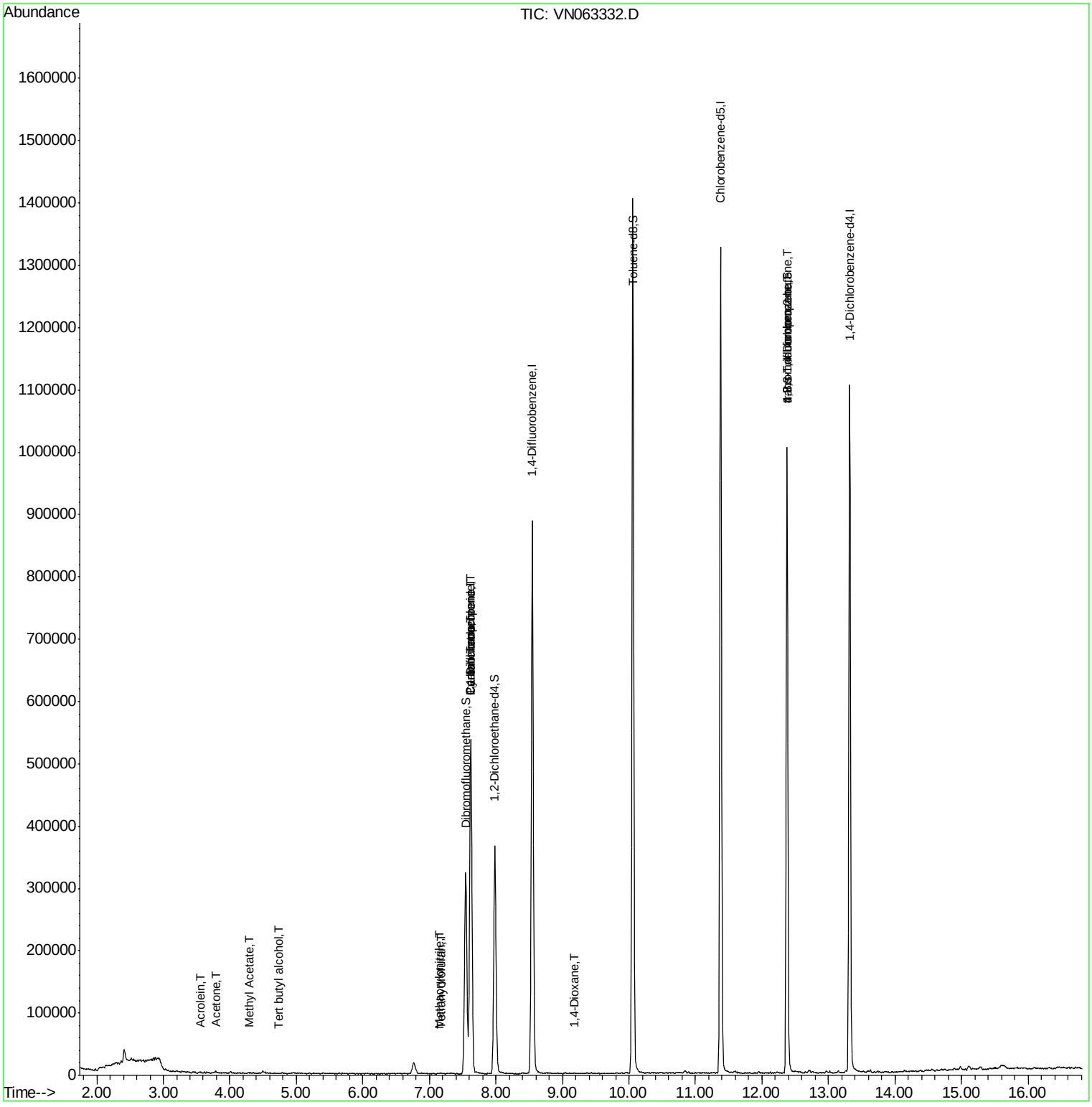
(#) = qualifier out of range (m) = manual integration (+) = signals summed

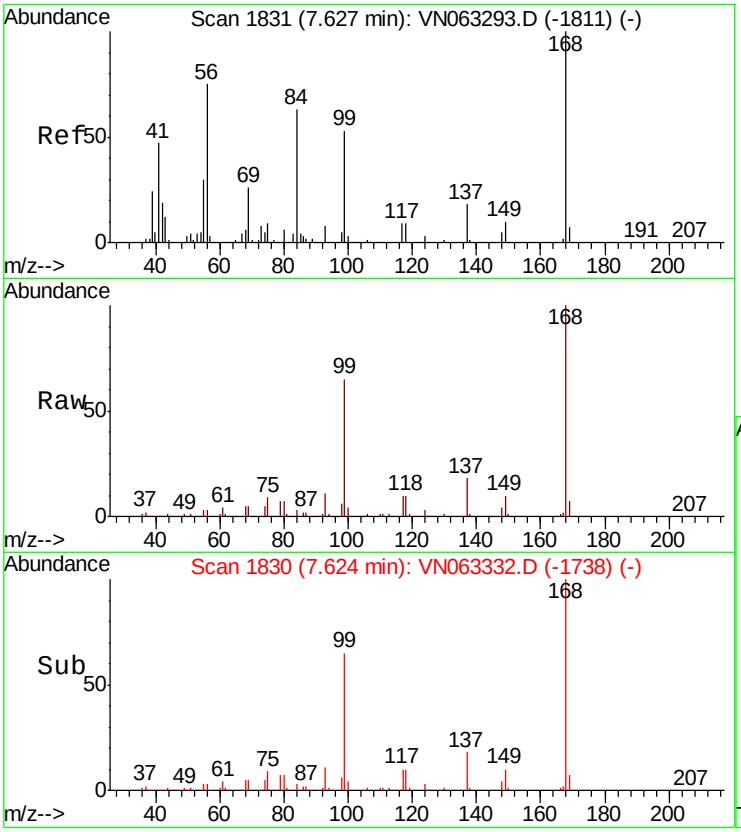
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091420\
Data File : VN063332.D
Acq On : 14 Sep 2020 10:41
Operator : JC/MD
Sample : VN0914MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Quant Time: Sep 15 05:07:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration



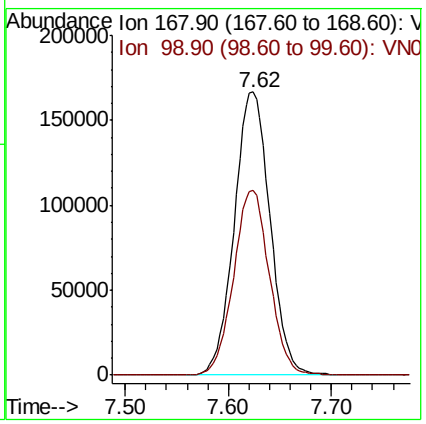


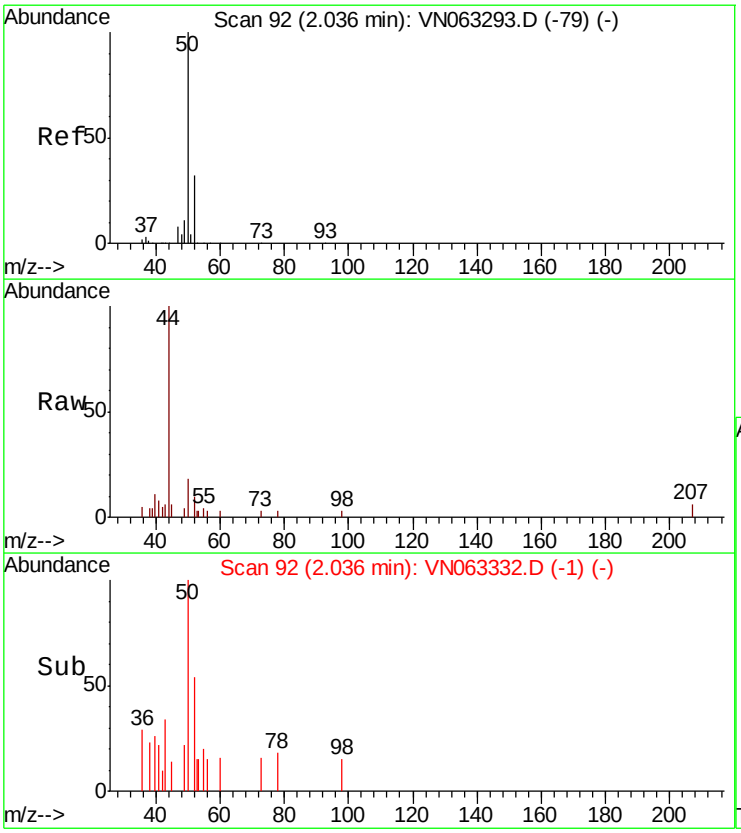
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Tgt Ion:168 Resp: 403296

Ion	Ratio	Lower	Upper
168	100		
99	65.2	51.1	76.7

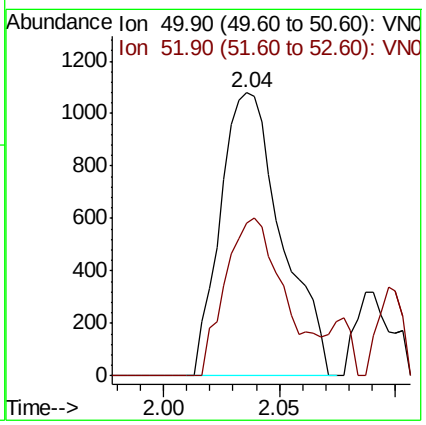


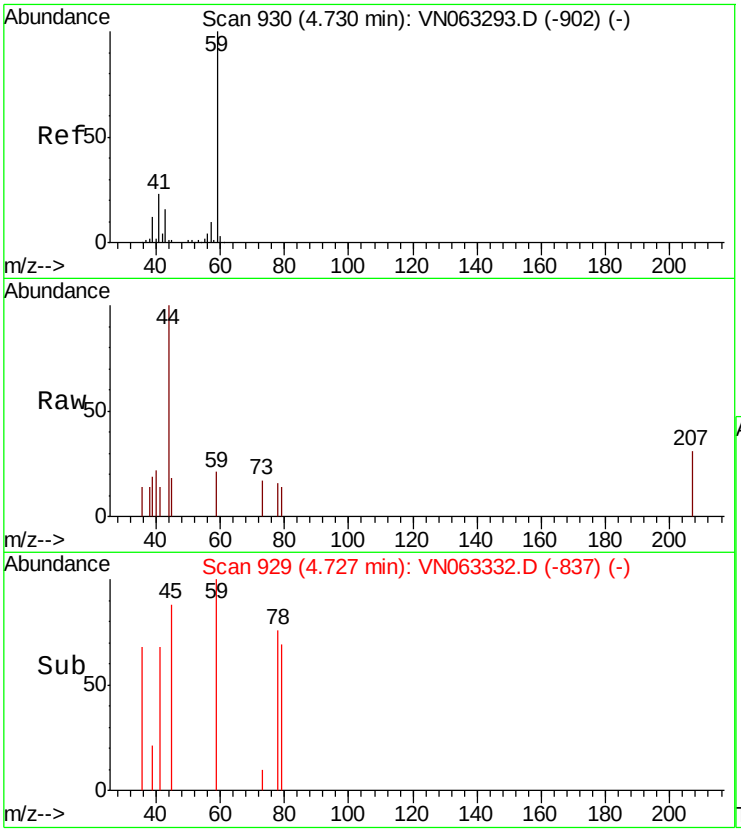


#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 50 Resp: 1988

Ion	Ratio	Lower	Upper
50	100		
52	53.8	25.4	38.2#



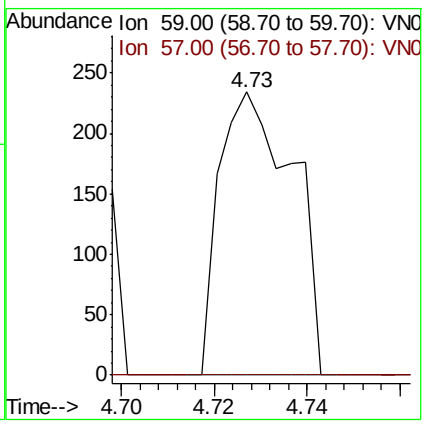


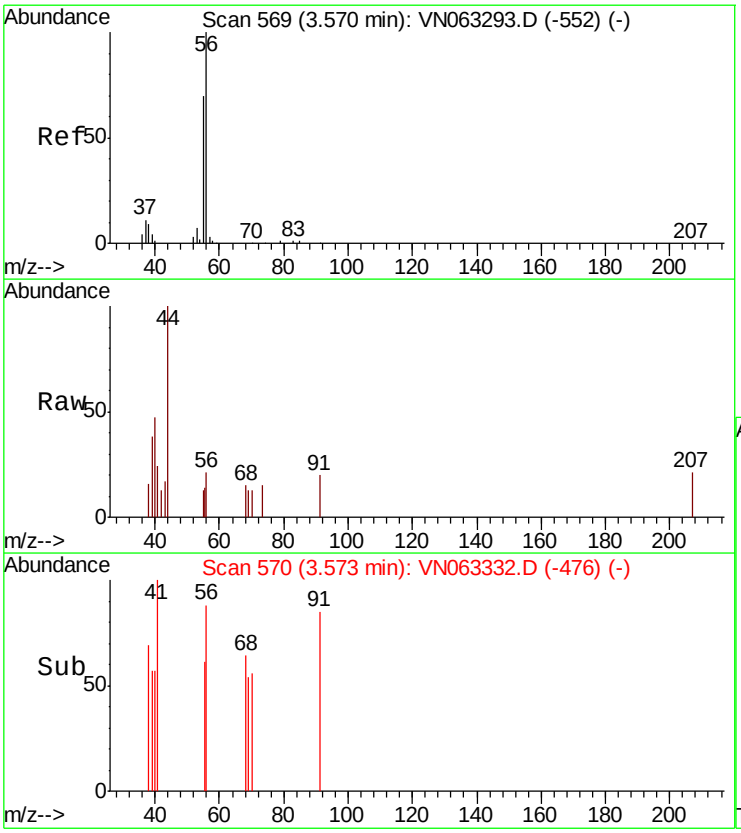
#11
Tert butyl alcohol
Concen: 0.308 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Tgt Ion: 59 Resp: 258

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

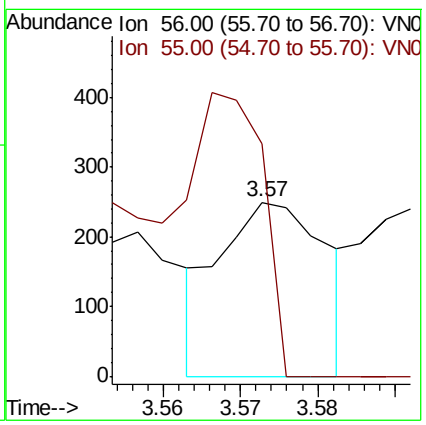


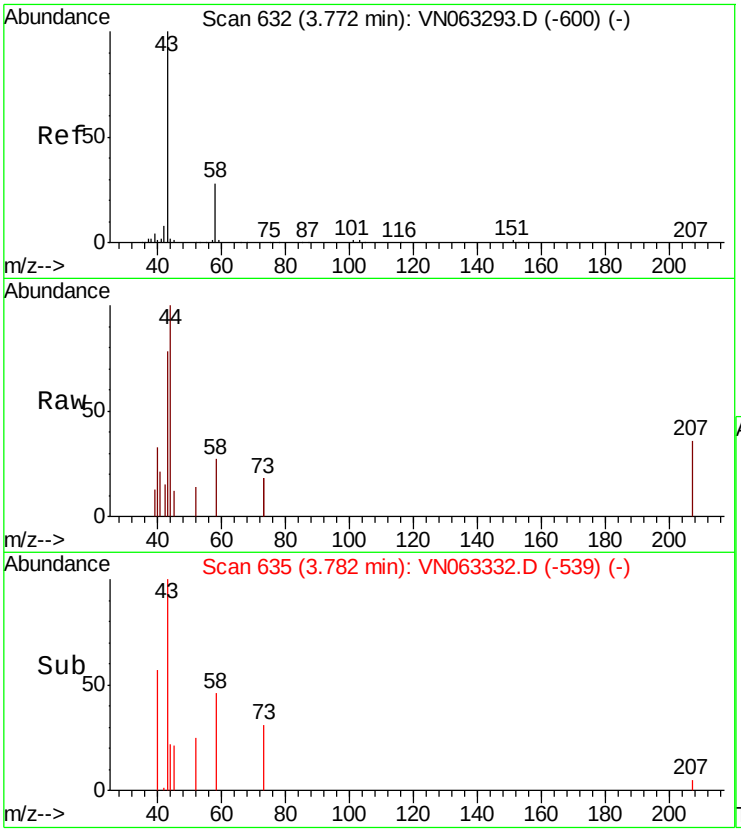


#13
Acrolein
Concen: 32.911 ug/l
RT: 3.57 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 56 Resp: 238

Ion	Ratio	Lower	Upper
56	100		
55	112.6	57.2	85.8#



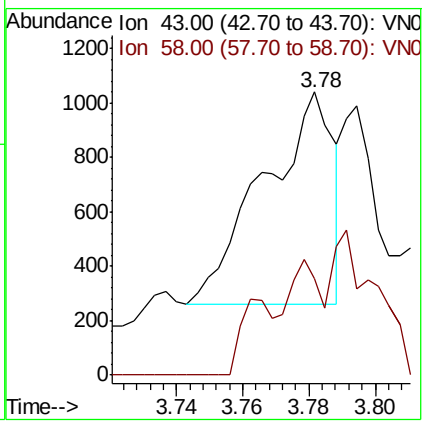


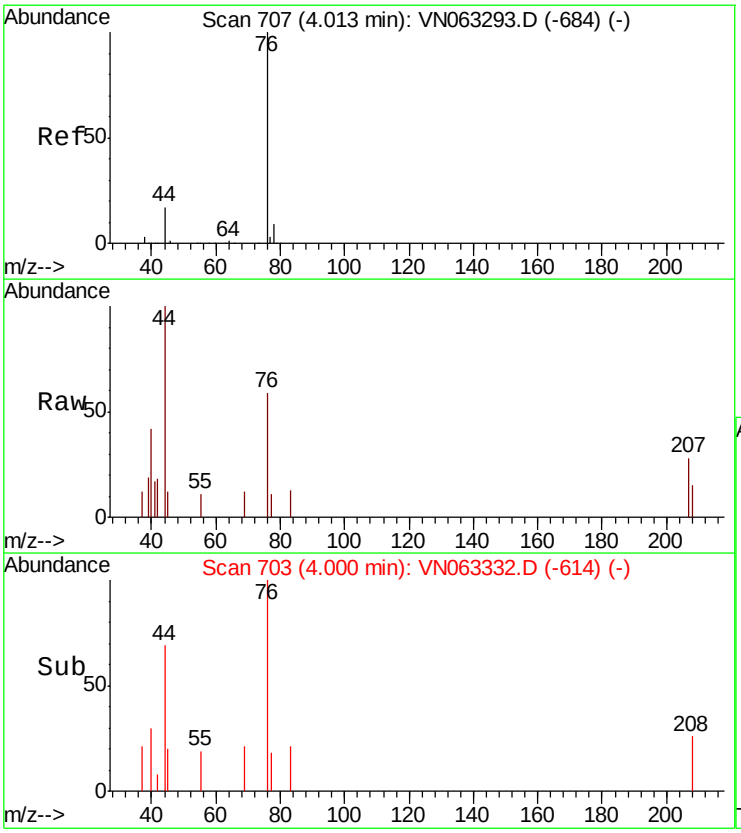
#16
Acetone
Concen: 0.524 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Tgt Ion: 43 Resp: 1146

Ion	Ratio	Lower	Upper
43	100		
58	45.4	22.6	34.0#

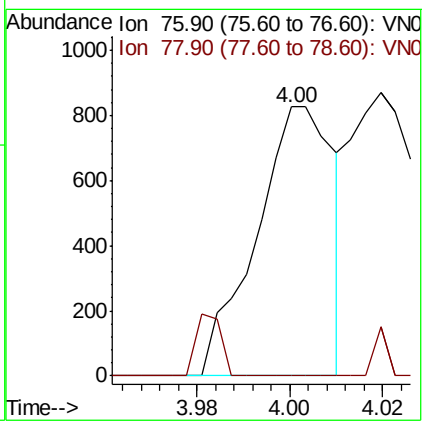


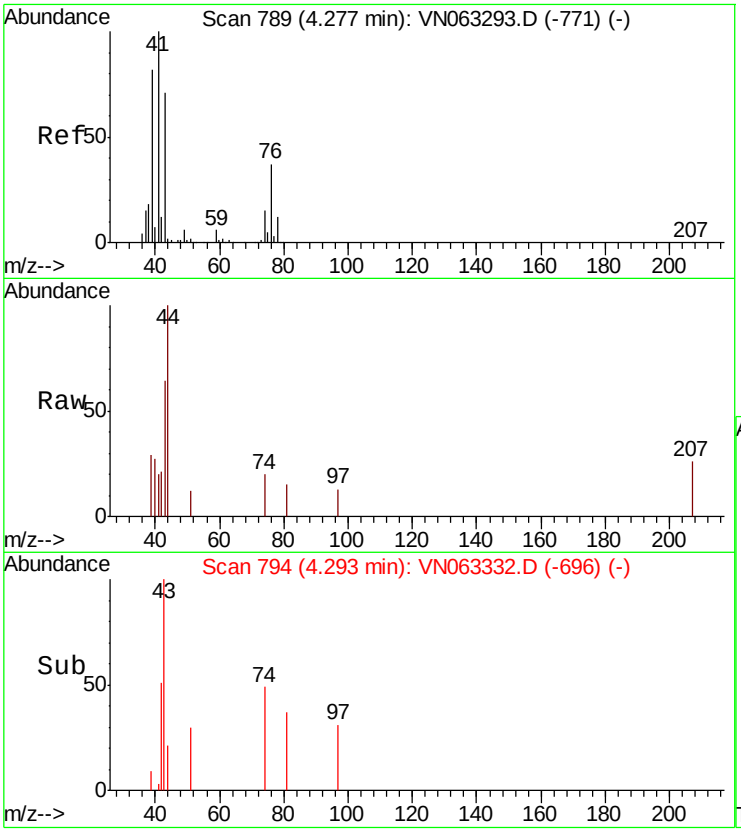


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 76 Resp: 959

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



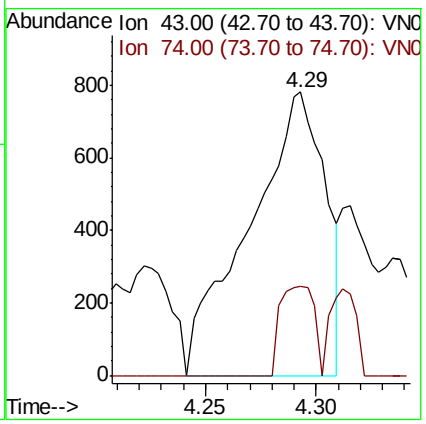


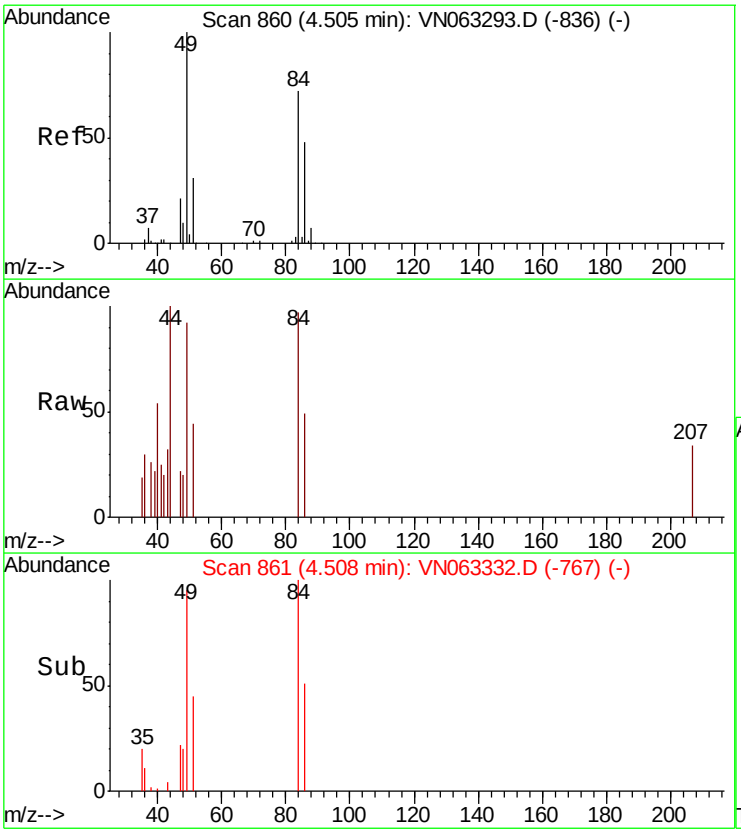
#18
Methyl Acetate
Concen: 0.338 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Tgt Ion: 43 Resp: 1861

Ion	Ratio	Lower	Upper
43	100		
74	13.9	17.8	26.6#

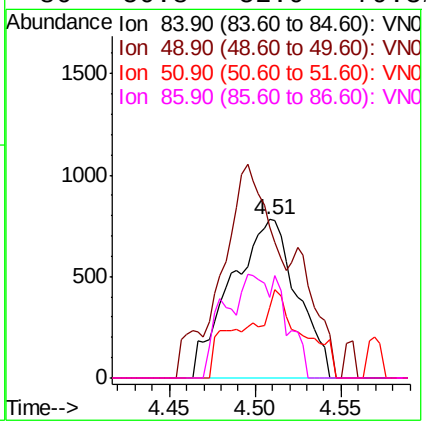


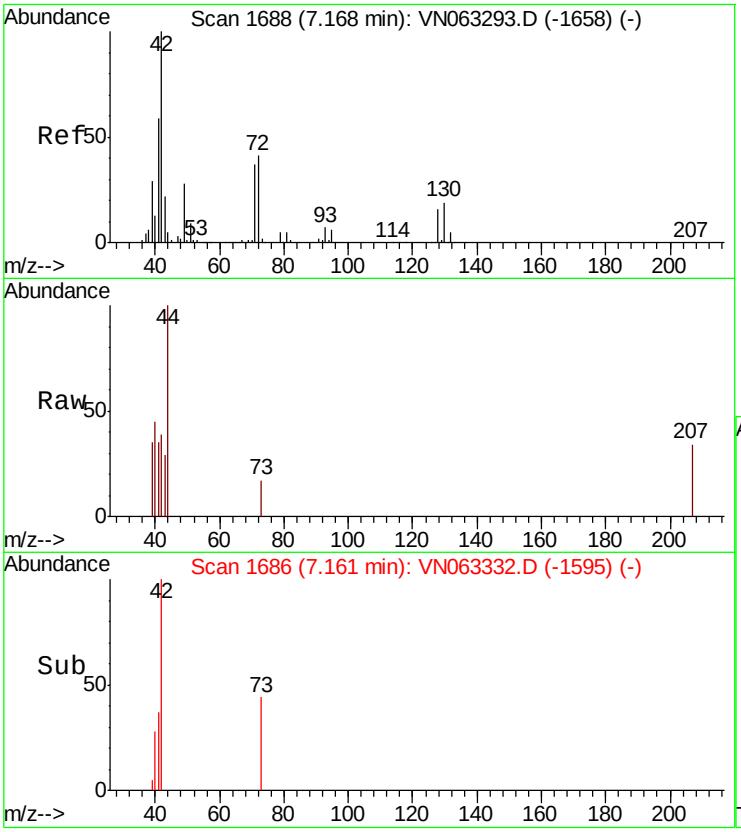


#20
Methylene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 84 Resp: 2081

Ion	Ratio	Lower	Upper
84	100		
49	95.1	111.1	166.7#
51	44.8	34.3	51.5
86	50.8	52.9	79.3#



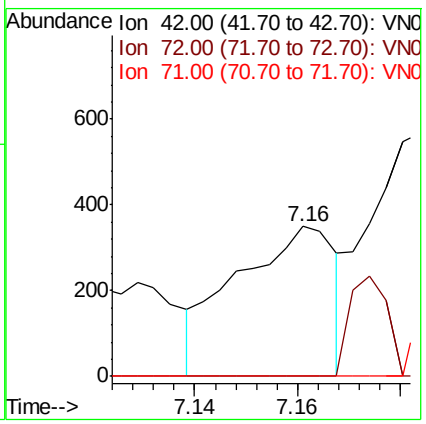


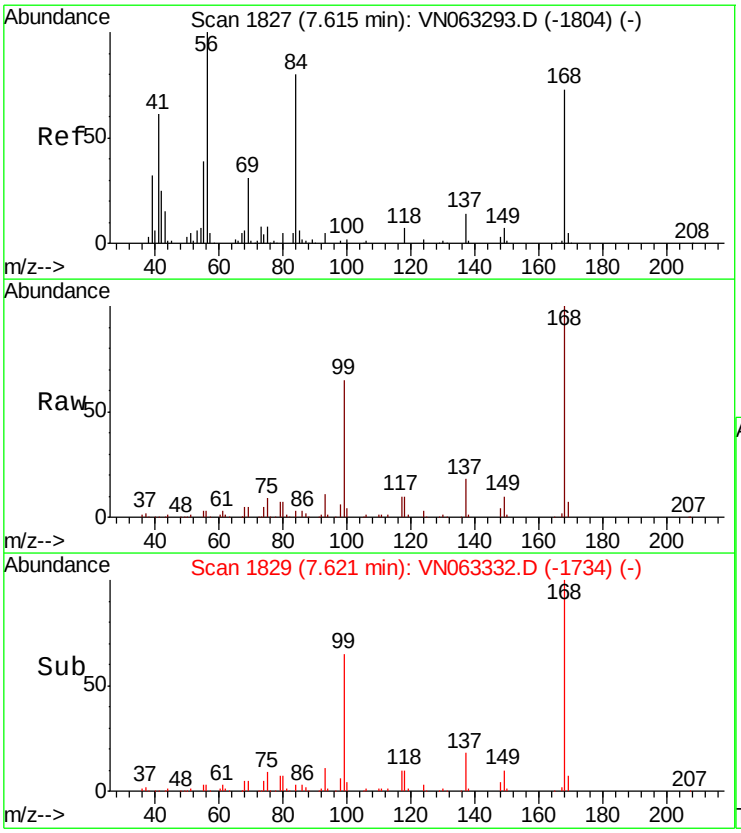
#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Tgt Ion: 42 Resp: 466

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.2#
71	0.0	30.0	45.0#

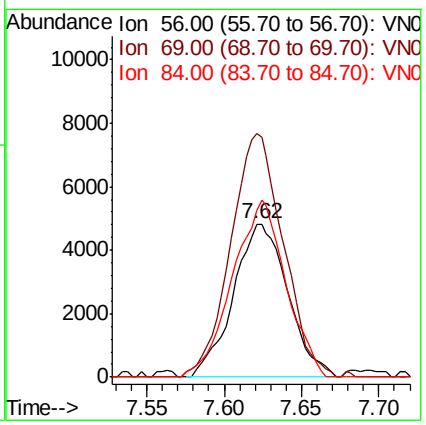


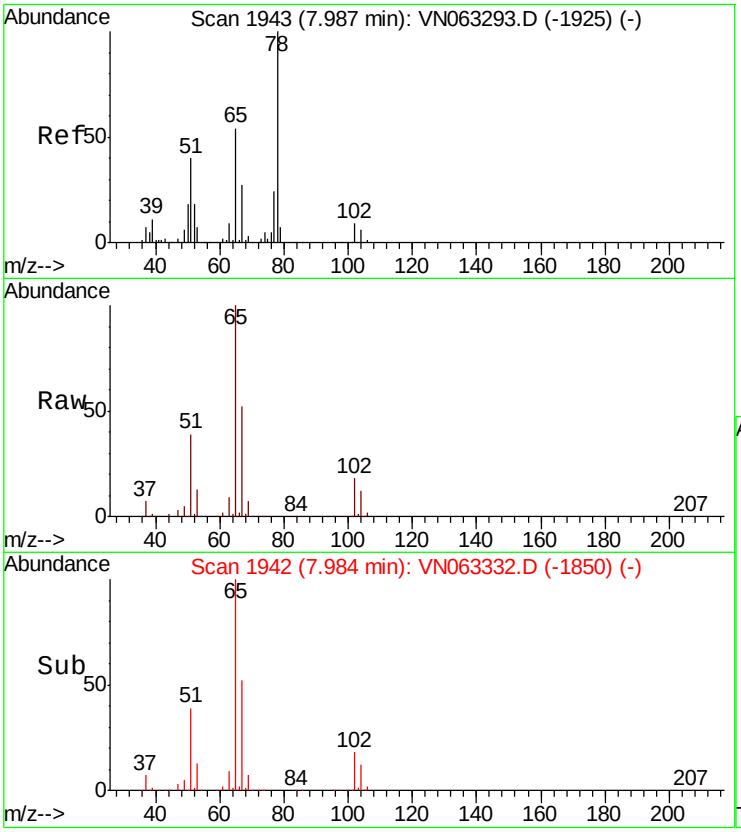


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 56 Resp: 11797

Ion	Ratio	Lower	Upper
56	100		
69	158.8	25.1	37.7#
84	108.4	64.2	96.2#



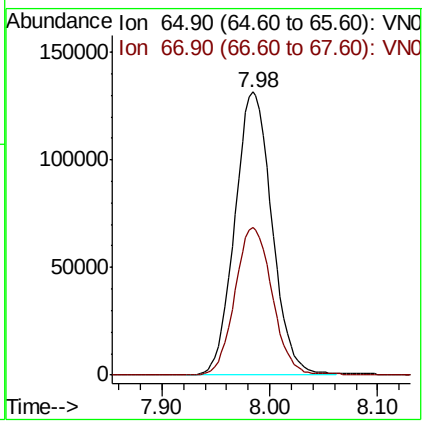


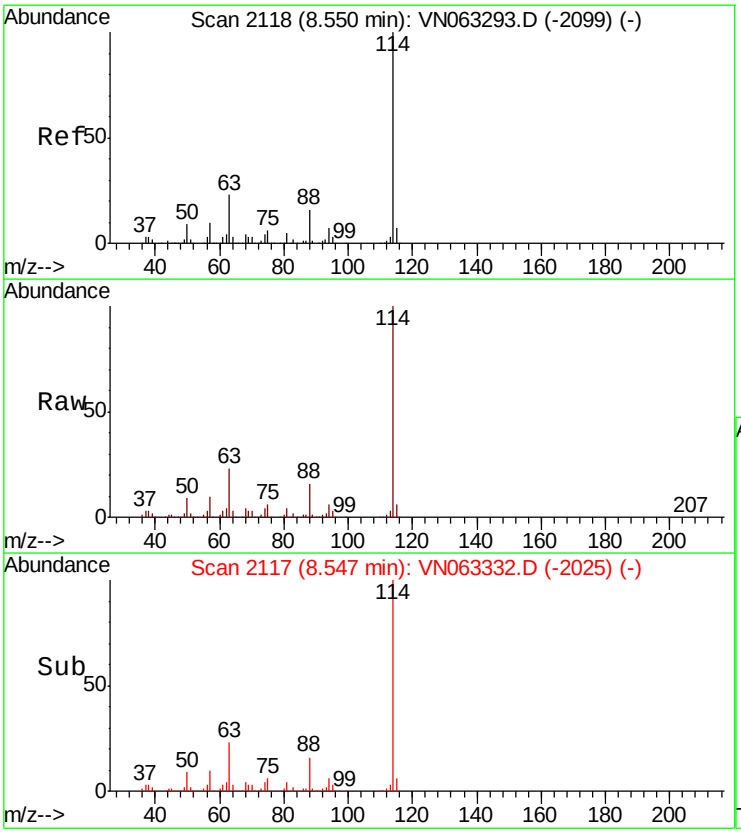
#33
1,2-Dichloroethane-d4
Concen: 49.728 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Tgt Ion: 65 Resp: 315090

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.6

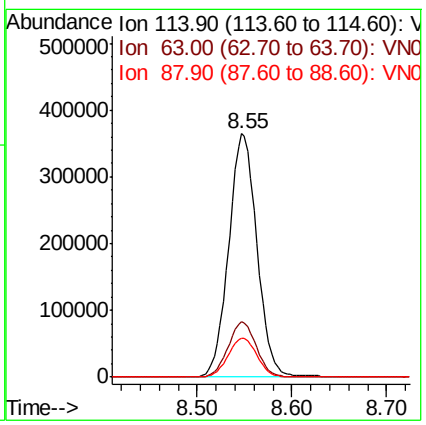


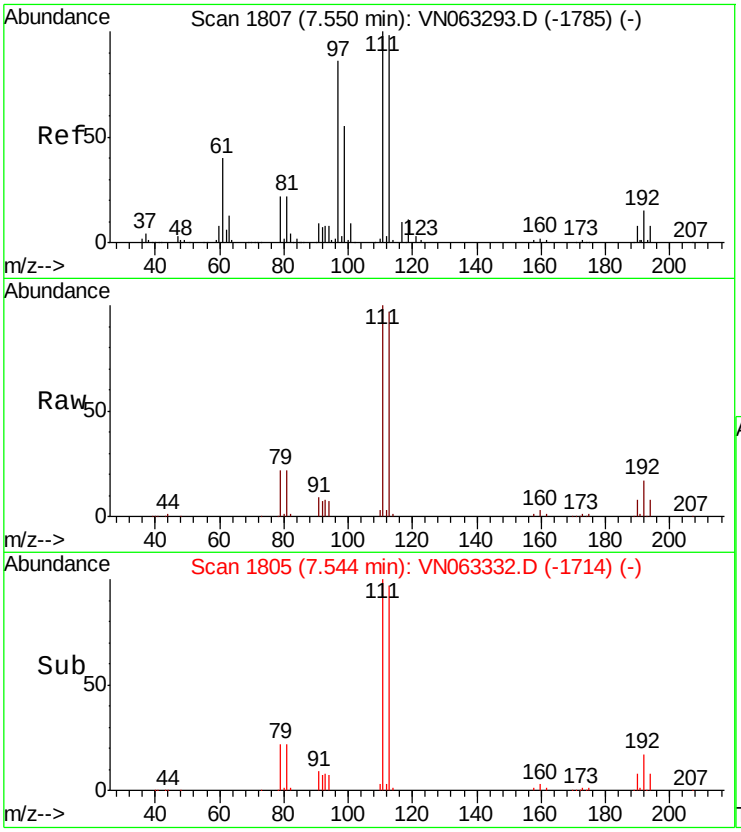


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion:114 Resp: 755920

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	46.0
88	16.2	0.0	32.8



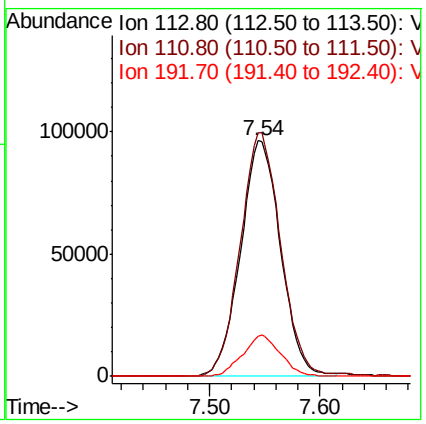


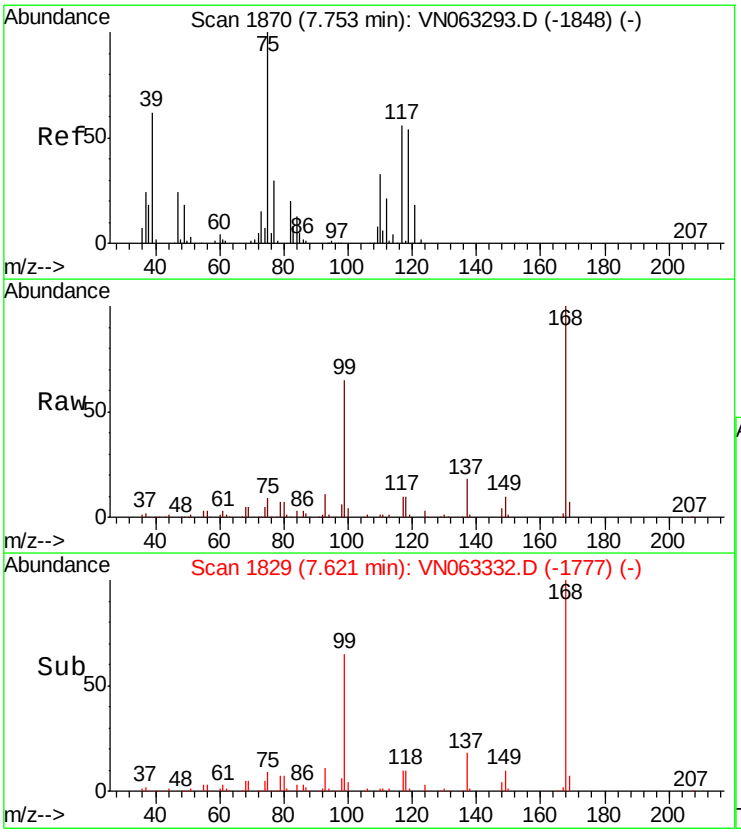
#35
Dibromofluoromethane
Concen: 49.816 ug/l
RT: 7.54 min Scan# 1805
Delta R.T. -0.01 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

Tgt Ion:113 Resp: 242933

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.2
192	16.6	12.9	19.3

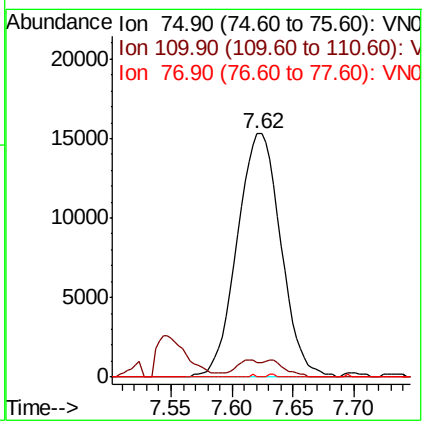


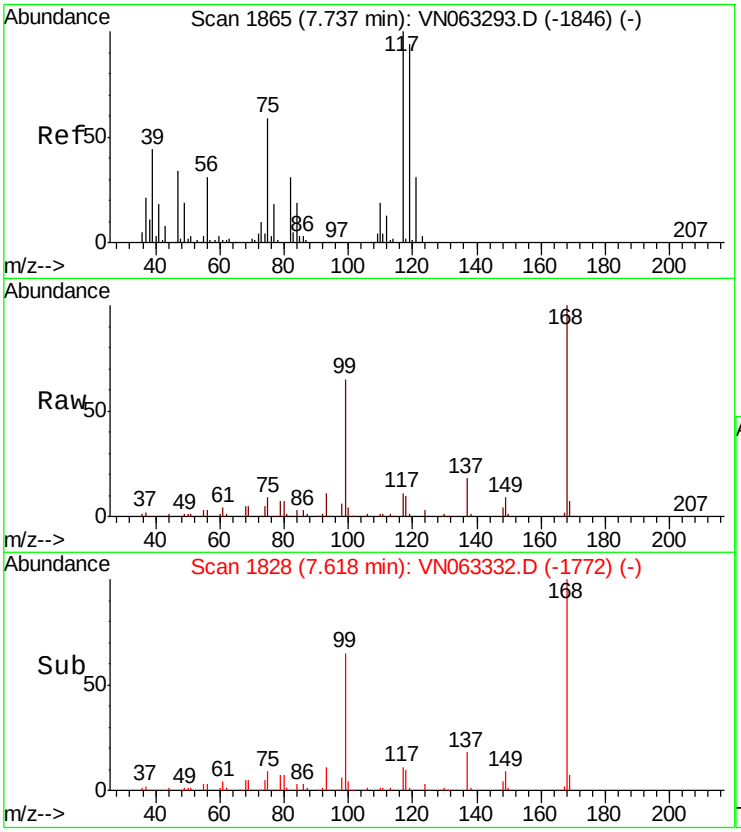


#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.13 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 75 Resp: 37879

Ion	Ratio	Lower	Upper
75	100		
110	2.8	16.4	49.4#
77	0.1	24.8	37.2#



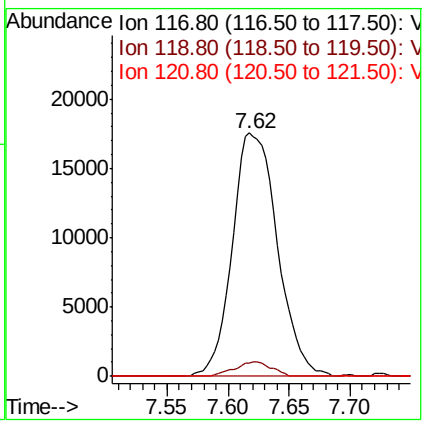


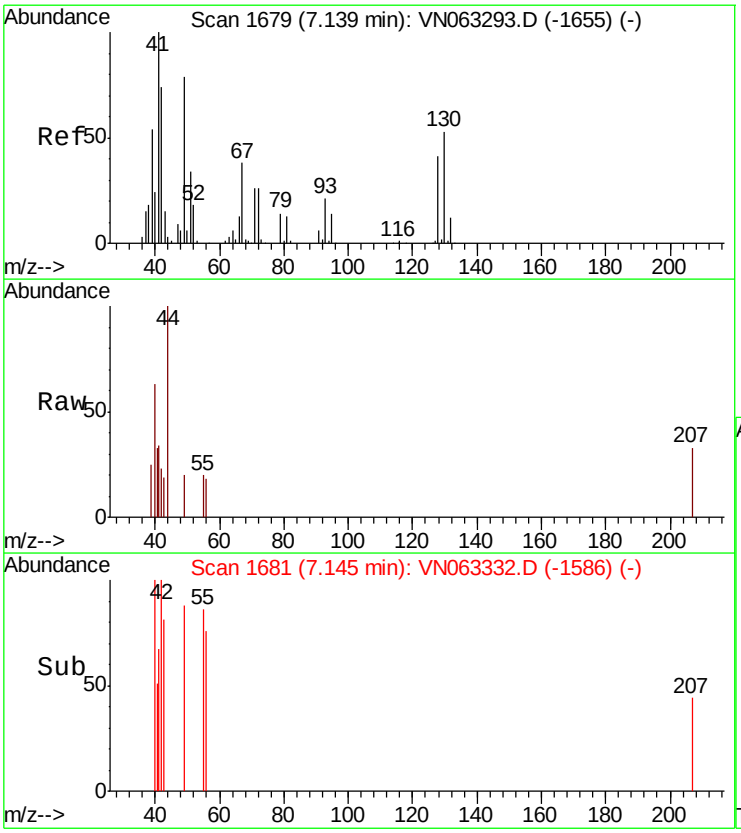
#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. -0.12 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Tgt Ion:117 Resp: 44878

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.3	112.9#
121	0.0	24.6	37.0#

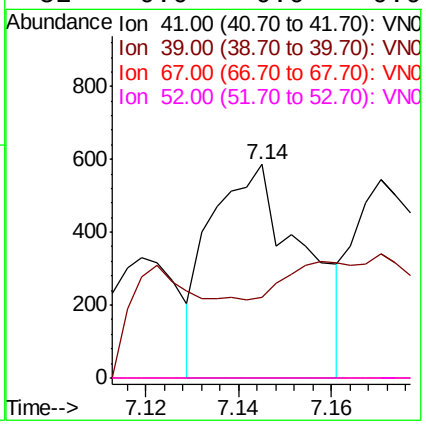


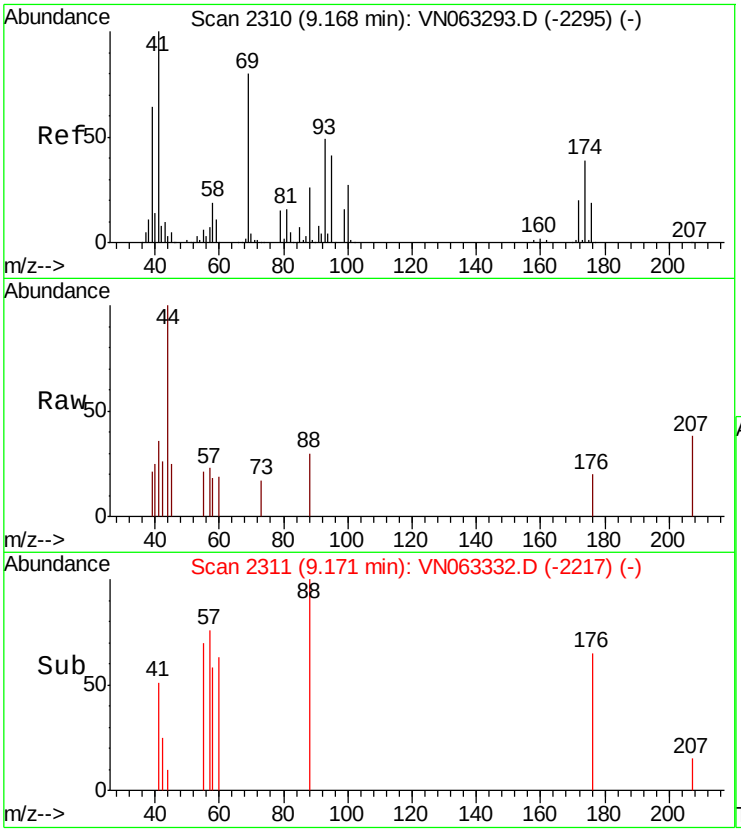


#41
Methacrylonitrile
Concen: 0.237 ug/l
RT: 7.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 41 Resp: 818

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



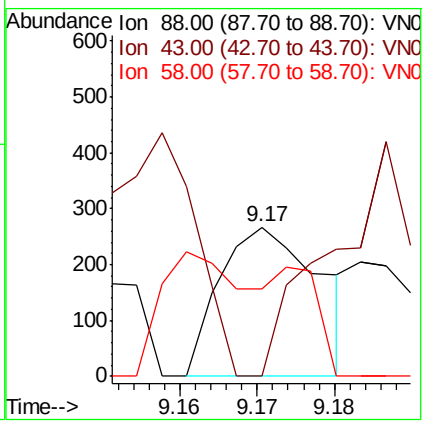


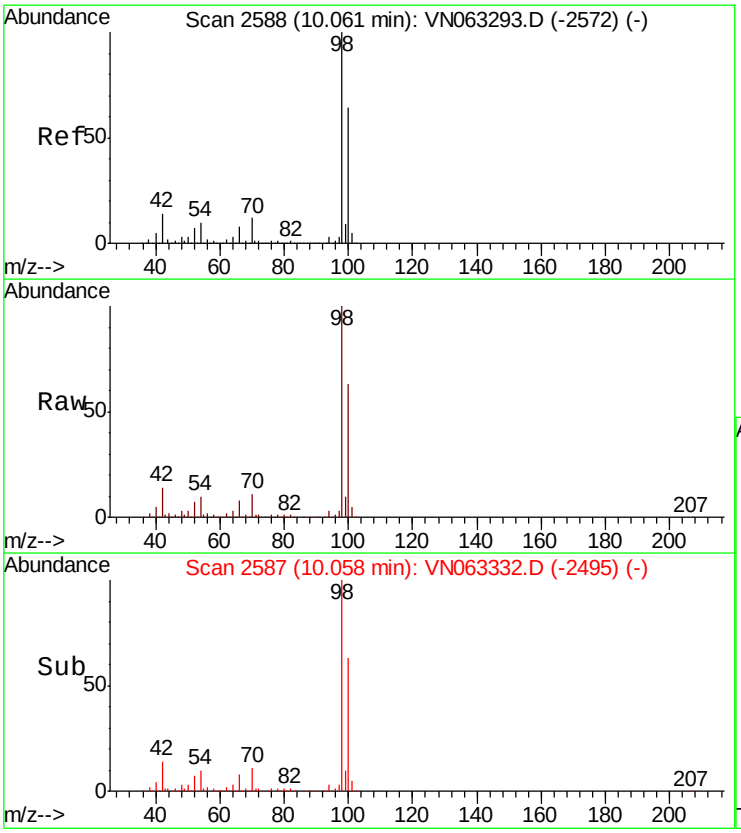
#49
1,4-Dioxane
Concen: 2.509 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

Tgt Ion: 88 Resp: 240

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.5	45.7#
58	60.0	58.9	88.3

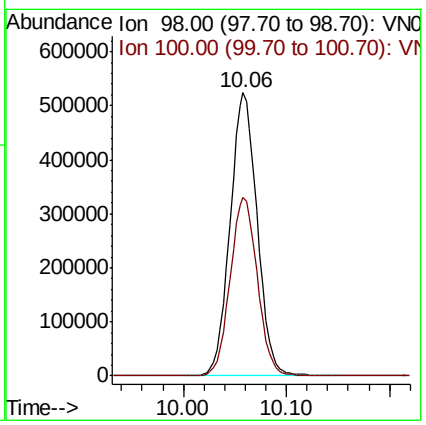


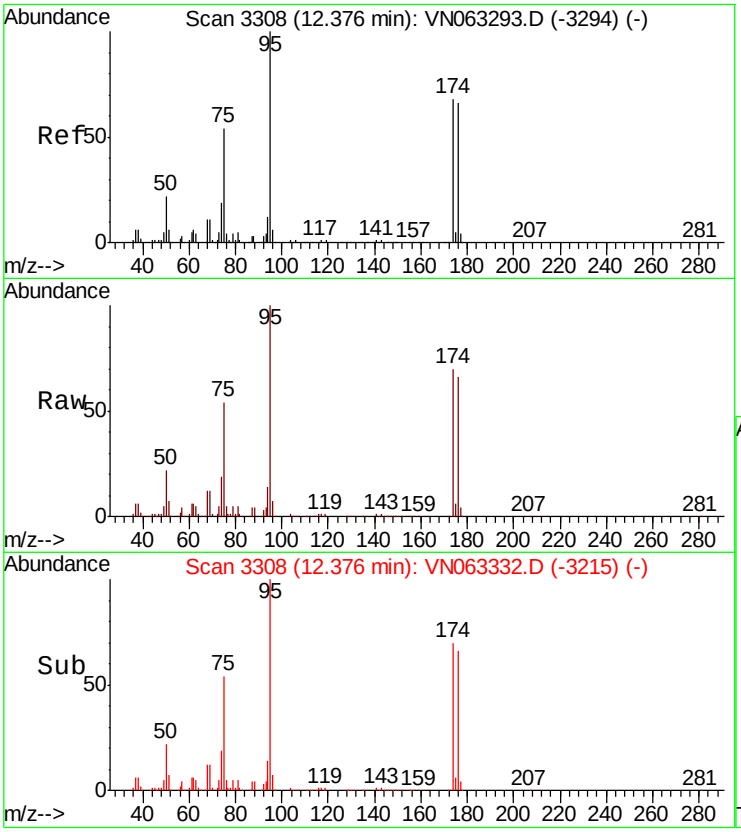


#50
Toluene-d8
Concen: 51.243 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 98 Resp: 957646

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1



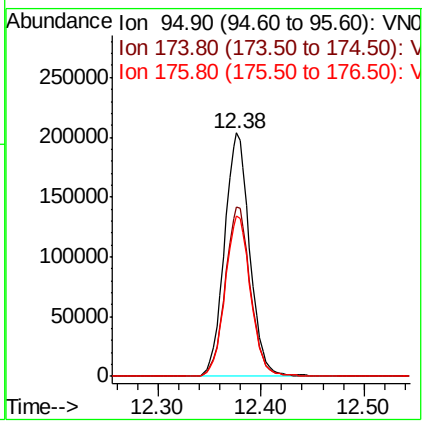


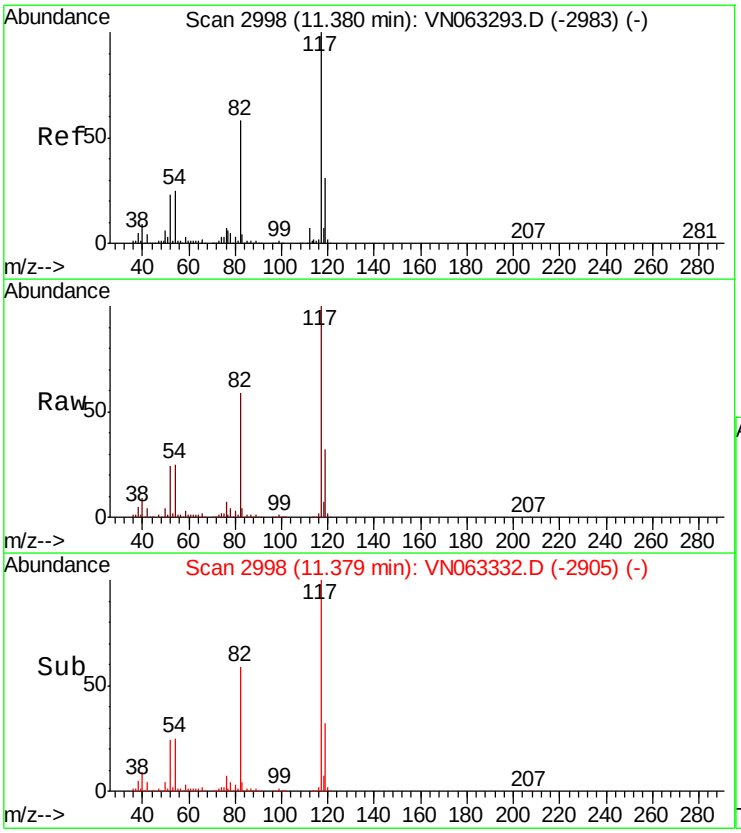
#62
4-Bromofluorobenzene
Concen: 50.321 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

Tgt Ion: 95 Resp: 347347

Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	136.6
176	66.5	0.0	132.8

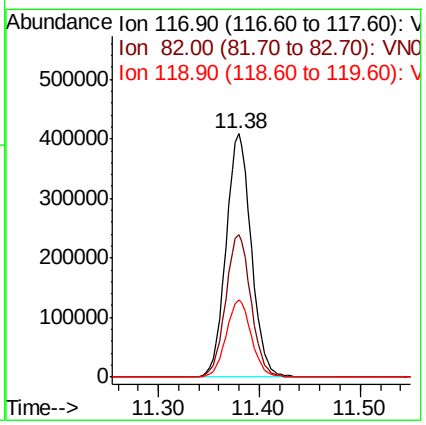


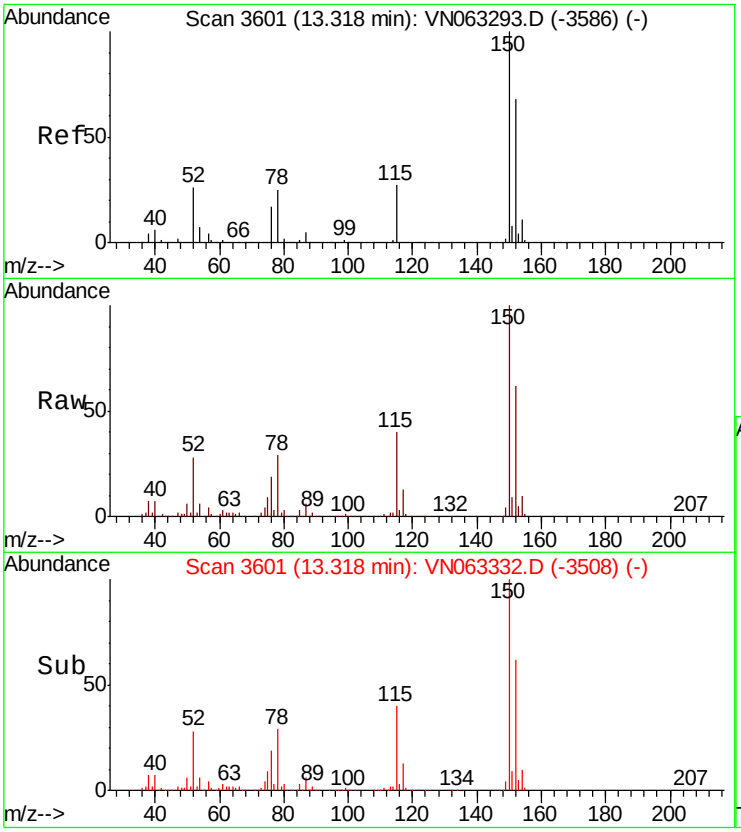


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion:117 Resp: 712128

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.4	69.6
119	31.9	24.8	37.2



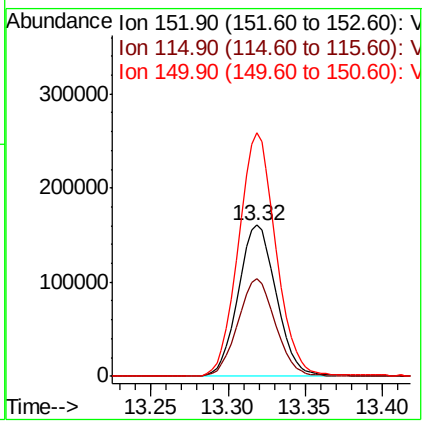


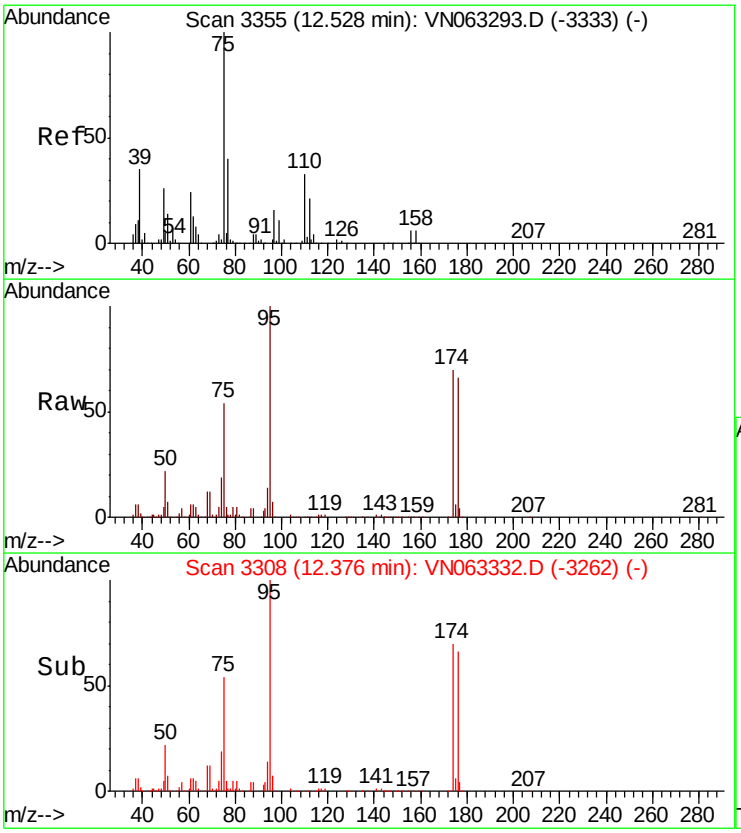
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

Tgt Ion:152 Resp: 274243

Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.5	94.5
150	158.8	0.0	344.0

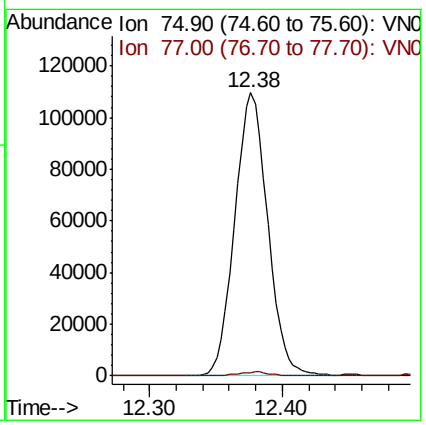


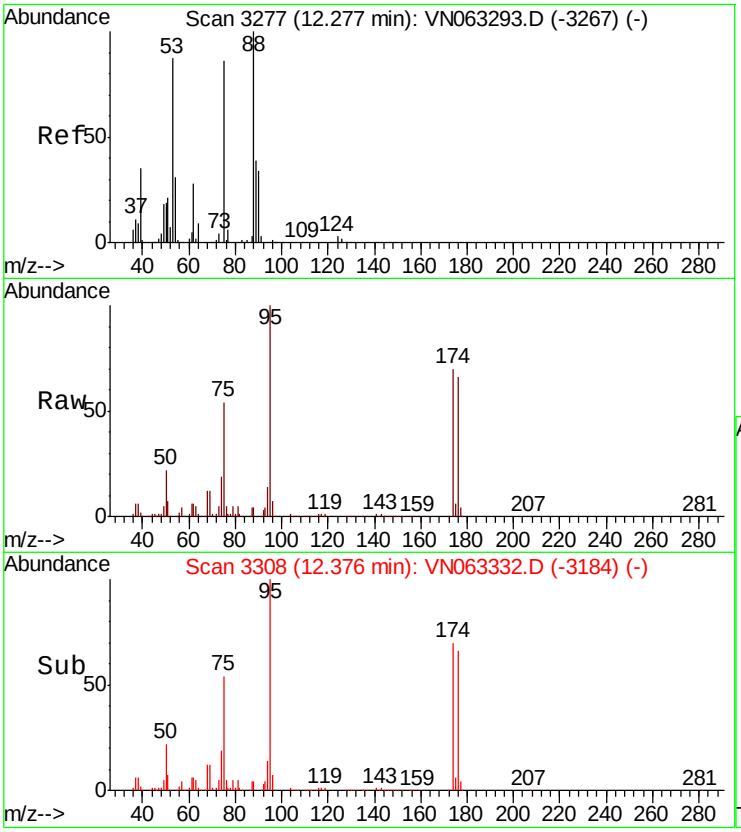


#76
1,2,3-Trichloropropane
Concen: 31.336 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion: 75 Resp: 189588

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



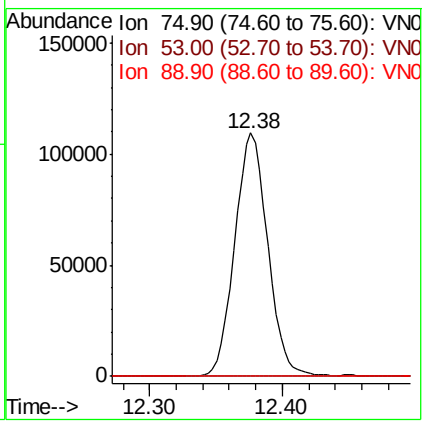


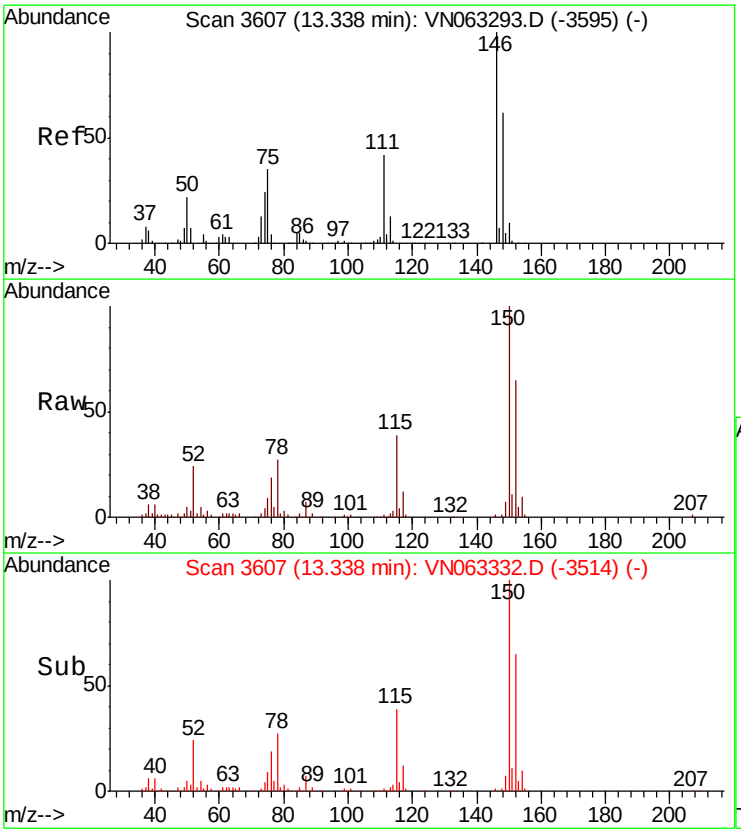
#81
trans-1,4-Dichloro-2-butene
Concen: 84.193 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

Tgt Ion: 75 Resp: 189588

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.8	122.8#
89	0.0	36.7	55.1#

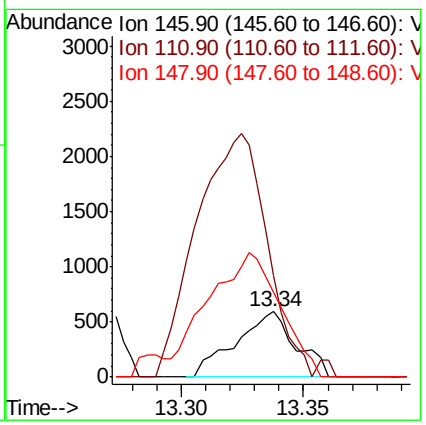


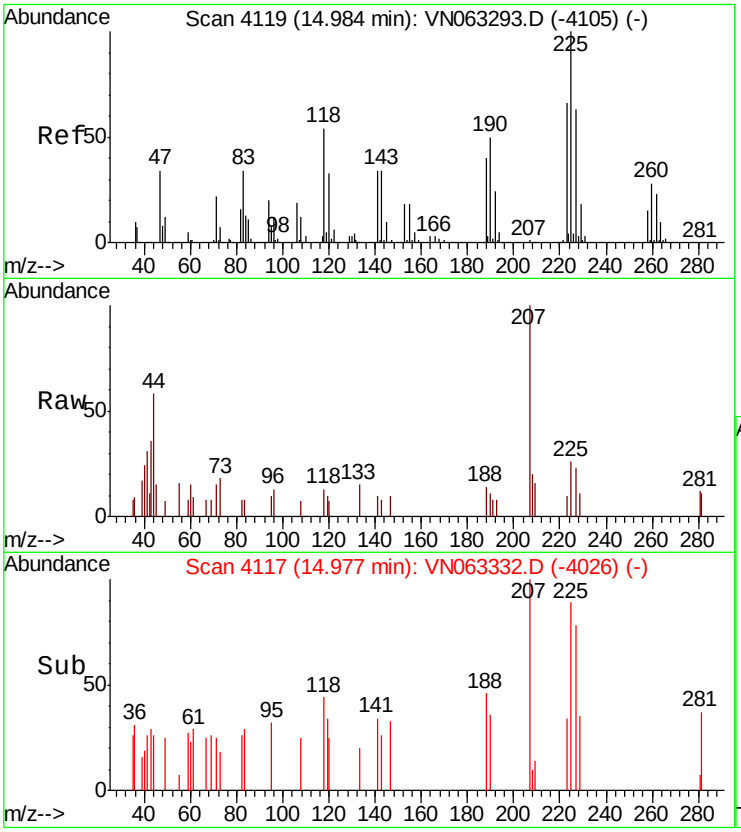


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.34 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion:146 Resp: 1011

Ion	Ratio	Lower	Upper
146	100		
111	438.2	21.3	64.0#
148	231.8	31.5	94.5#



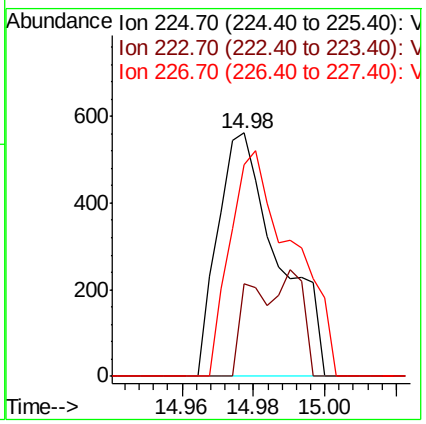


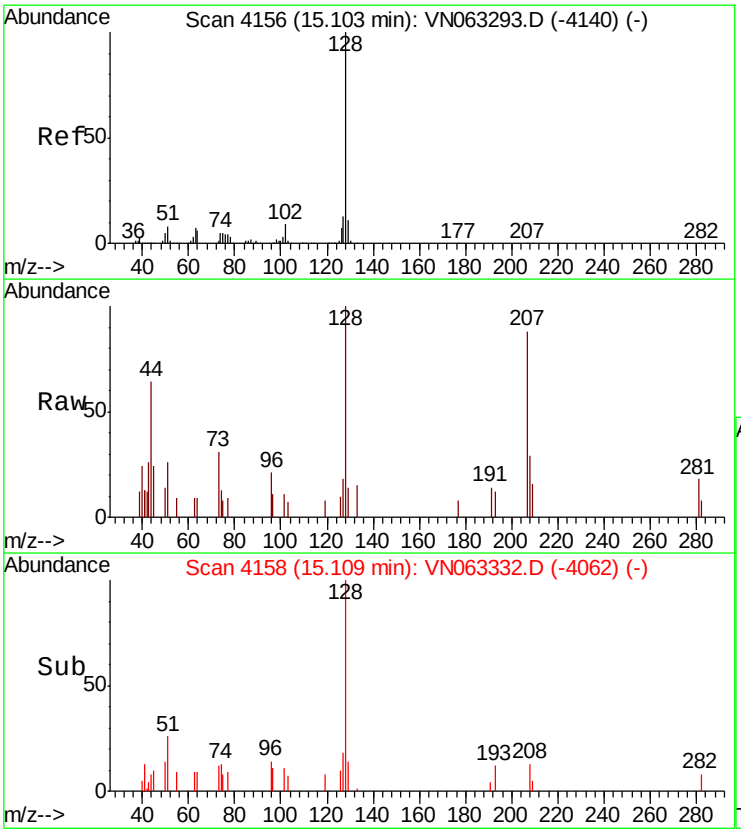
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 14.98 min Scan# 4117
Delta R.T. -0.01 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument : MSVOA_N
ClientSampleId : VN0914MBL01

Tgt Ion:225 Resp: 659

Ion	Ratio	Lower	Upper
225	100		
223	17.1	31.3	93.9#
227	95.9	31.2	93.6#

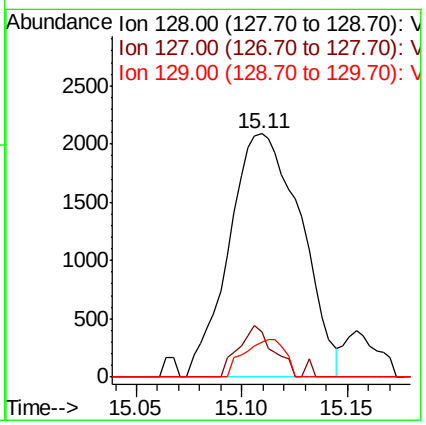


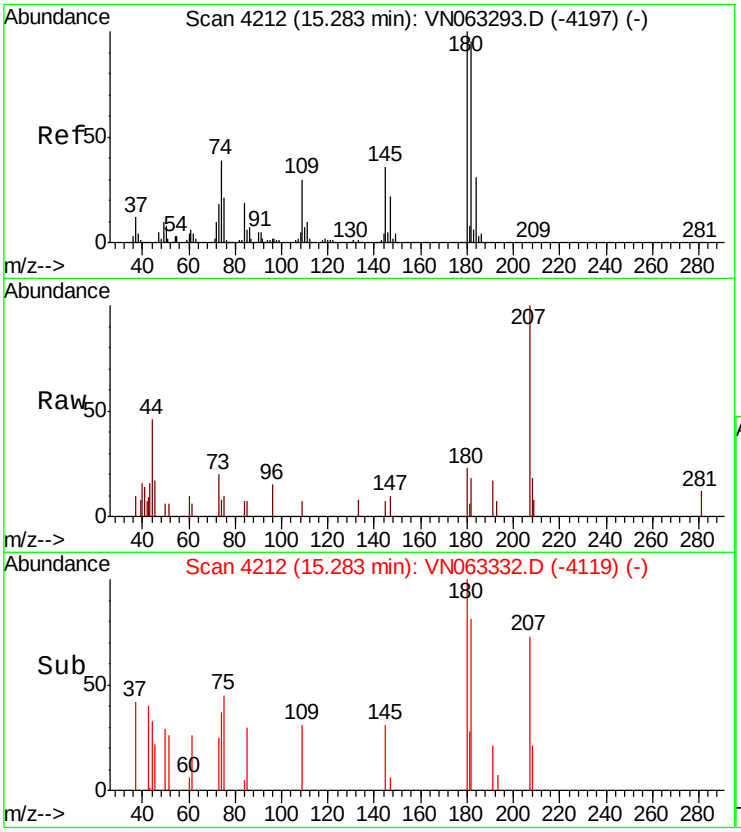


#95
Naphthalene
Concen: Below Cal
RT: 15.11 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Tgt Ion:128 Resp: 4952

Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.3	15.5#
129	8.7	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063332.D
Acq: 14 Sep 2020 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

Tgt Ion:180 Resp: 1218

Ion	Ratio	Lower	Upper
180	100		
182	102.1	47.4	142.3
145	32.6	17.2	51.6