Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063251.D
Acq On : 4 Sep 2020 16:37
Operator : JC/MD
Sample : L3871-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TR-05-090220

Quant Time: Sep 05 07:31:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	260314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	519395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	212225	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.74%			
35) Dibromofluoromethane	7.55	113	159129	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.52%			
50) Toluene-d8	10.06	98	649502	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.28%			
62) 4-Bromofluorobenzene	12.38	95	218997	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.62%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	1220	0.327	ug/l #	78
5) Bromomethane	2.54	94	946	0.273	ug/l #	58
7) Trichlorofluoromethane	2.91	101	30	Below Cal	#	44
11) Tert butyl alcohol	4.72	59	222	0.425	ug/l #	72
13) Acrolein	3.60	56	114	16.306	ug/l #	46
15) Acrylonitrile	4.93	53	34	2.427	ug/l #	1
16) Acetone	3.78	43	11224	9.278	ug/l	93
20) Methylene Chloride	4.51	84	8756	2.103	ug/l	94
25) 2-Butanone	6.78	43	1330	0.710	ug/l #	1
29) Tetrahydrofuran	7.15	42	425	0.328	ug/l #	34
30) Chloroform	7.33	83	2675	0.408	ug/l #	81
31) Cyclohexane	7.62	56	8081	Below Cal	#	46
36) 1,1-Dichloropropene	7.63	75	25280	5.063	ug/l #	50
37) Ethyl Acetate	6.87	43	143	0.410	ug/l #	72
38) Carbon Tetrachloride	7.63	117	28648	5.657	ug/l #	15
40) Benzene	8.00	78	7460	0.508	ug/l #	85
49) 1,4-Dioxane	9.16	88	67	1.180	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	3213	0.726	ug/l #	65
52) Toluene	10.13	92	2787	0.305	ug/l	100
67) Ethyl Benzene	11.48	91	6942	0.372	ug/l	99
68) m/p-Xylenes	11.60	106	2204	0.319	ug/l #	27
69) o-Xylene	11.92	106	1353	0.202	ug/l	86
76) 1,2,3-Trichloropropane	12.38	75	128643	33.385	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	128643	80.691	ug/l #	10
90) Hexachloroethane	13.92	117	635	0.276	ug/l #	20
95) Naphthalene	15.11	128	57799	5.113	ug/l	99

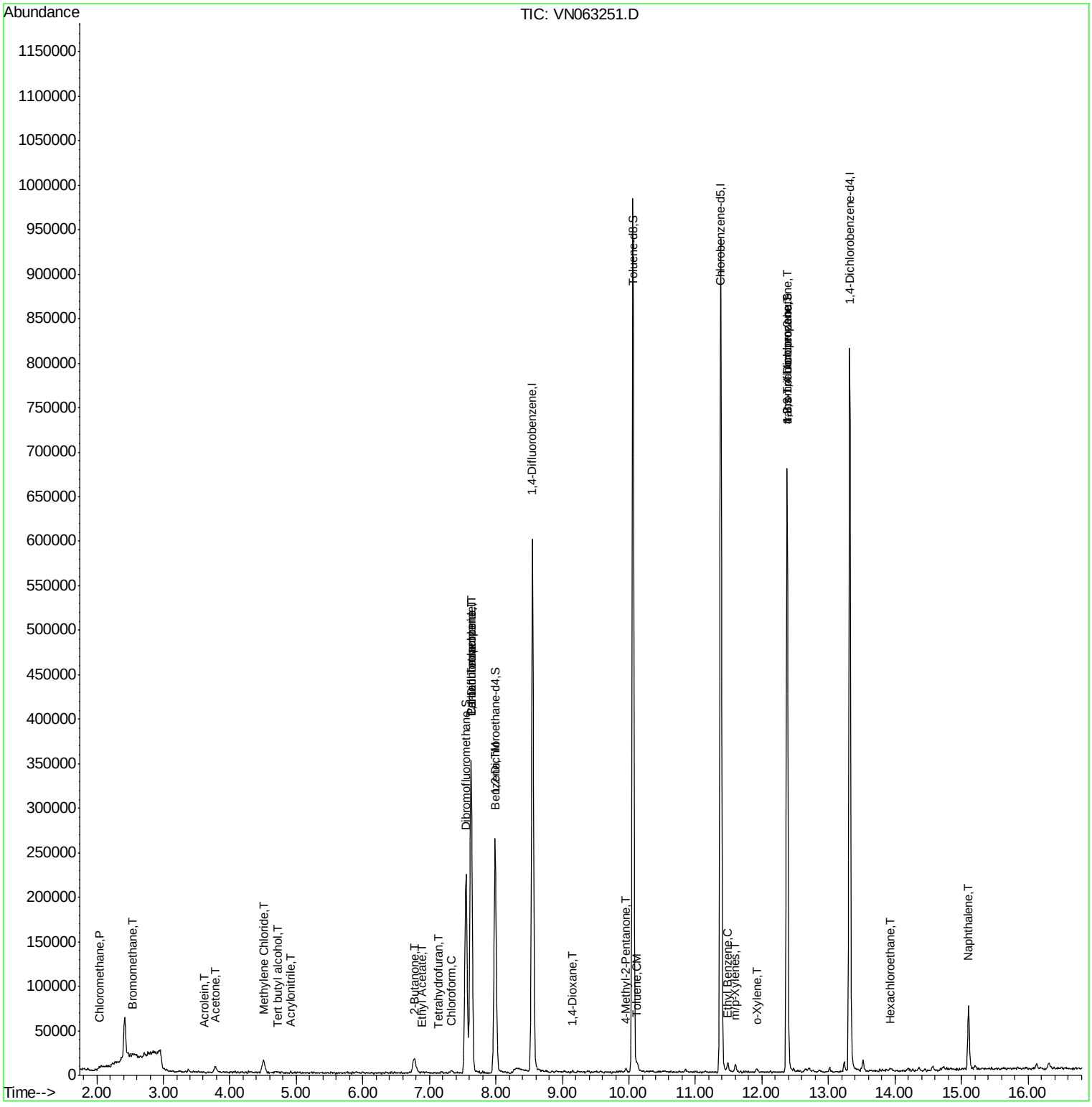
(#) = qualifier out of range (m) = manual integration (+) = signals summed

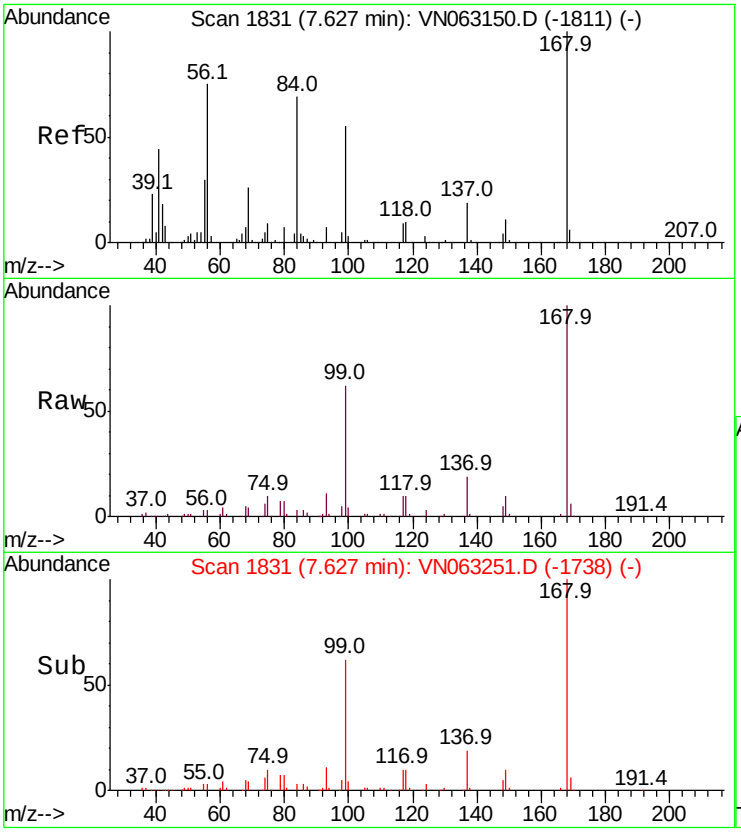
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063251.D
Acq On : 4 Sep 2020 16:37
Operator : JC/MD
Sample : L3871-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Quant Time: Sep 05 07:31:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration



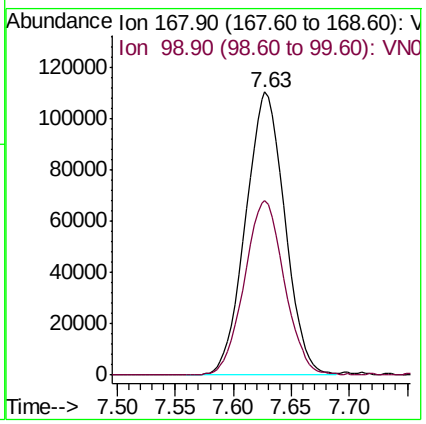


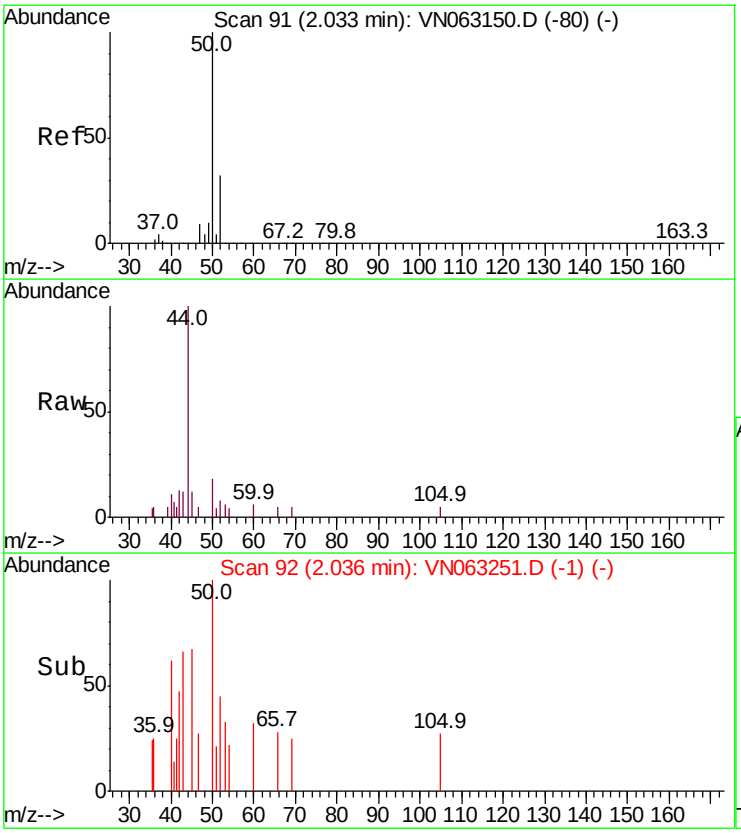
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion:168 Resp: 260314

Ion	Ratio	Lower	Upper
168	100		
99	61.8	54.2	81.2

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

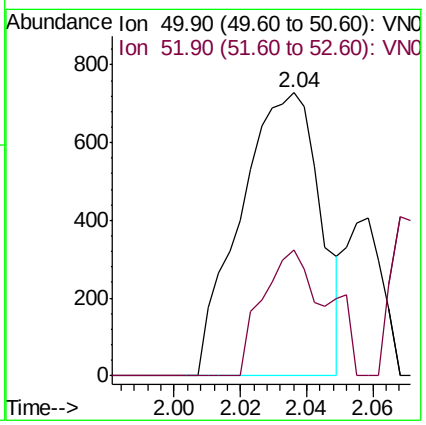


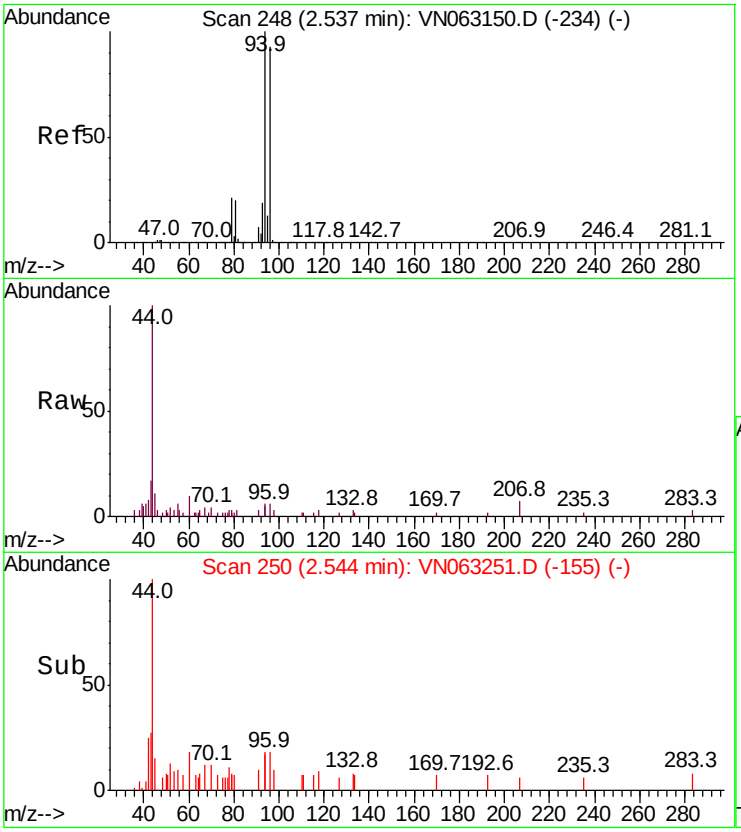


#3
Chloromethane
Concen: 0.327 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 50 Resp: 1220

Ion	Ratio	Lower	Upper
50	100		
52	44.6	25.8	38.6#



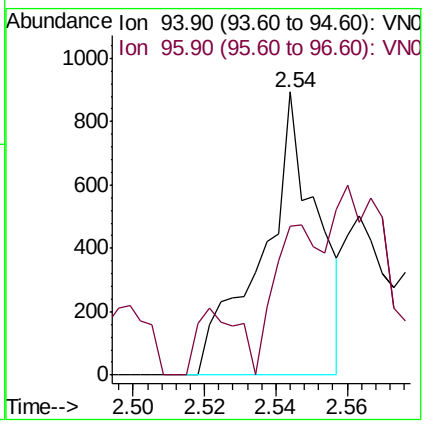


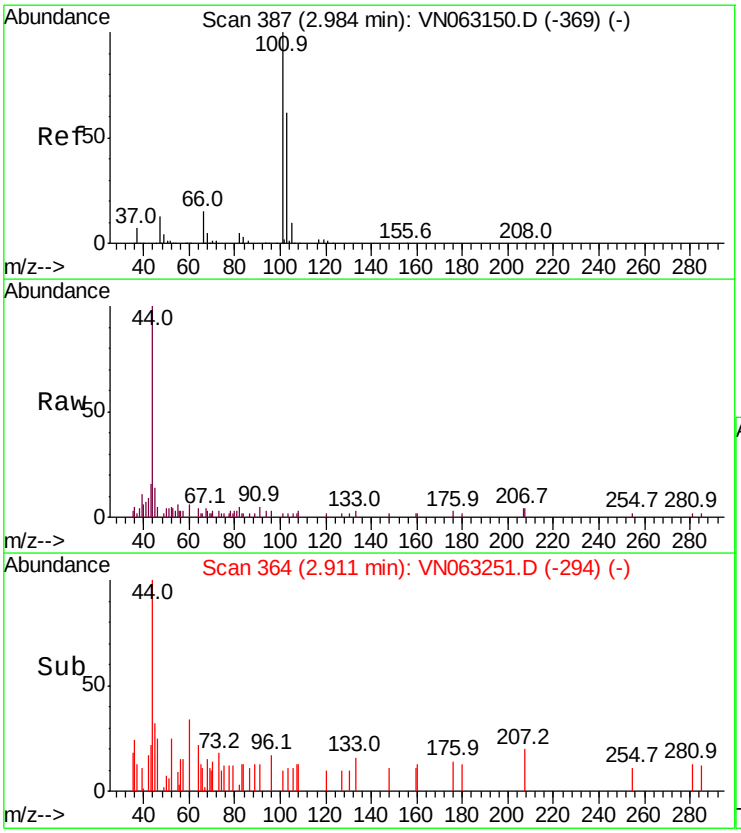
#5
Bromomethane
Concen: 0.273 ug/l
RT: 2.54 min Scan# 250
Delta R.T. 0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion: 94 Resp: 946

Ion	Ratio	Lower	Upper
94	100		
96	52.5	74.4	111.6#

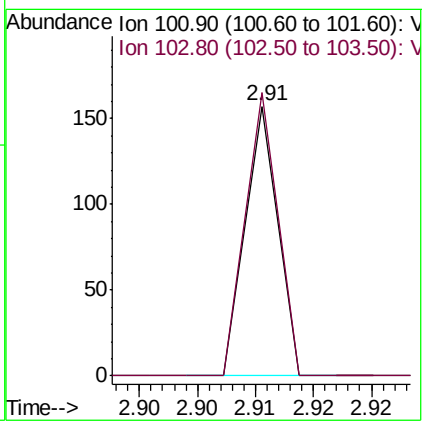


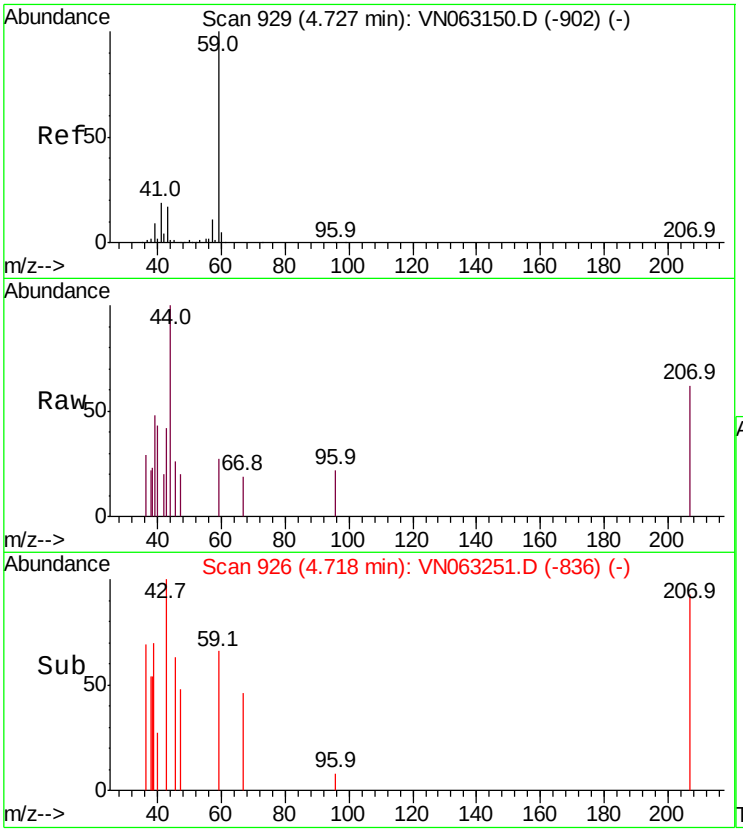


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 2.91 min Scan# 364
Delta R.T. -0.07 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion:101 Resp: 30

Ion	Ratio	Lower	Upper
101	100		
103	105.1	49.7	74.5#



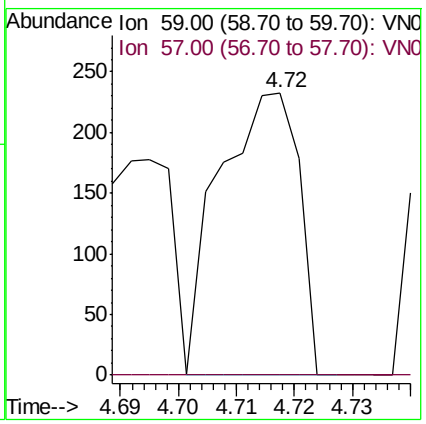


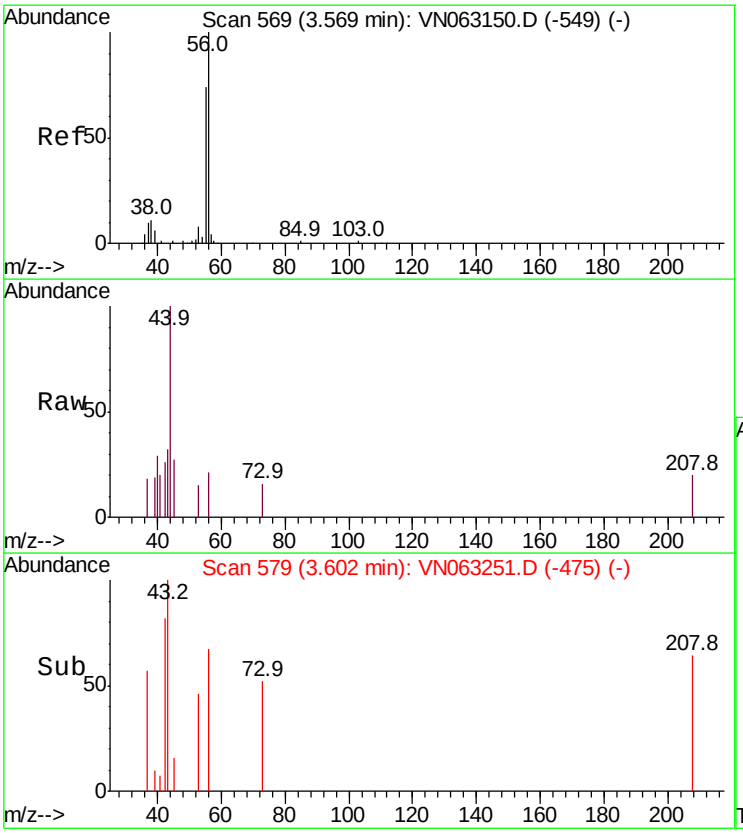
#11
Tert butyl alcohol
Concen: 0.425 ug/l
RT: 4.72 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument : MSVOA_N
ClientSampleId : TR-05-090220

Tgt Ion: 59 Resp: 222

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

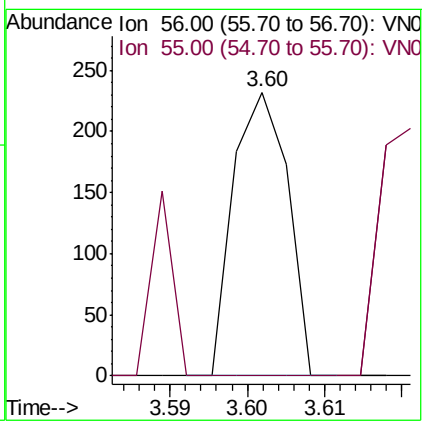


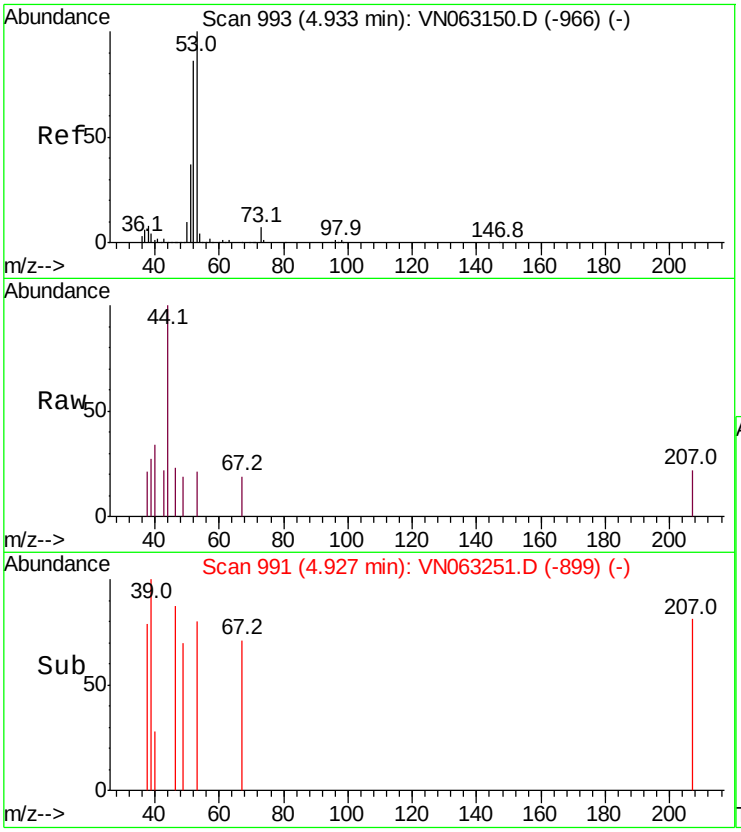


#13
Acrolein
Concen: 16.306 ug/l
RT: 3.60 min Scan# 579
Delta R.T. 0.03 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 56 Resp: 114

Ion	Ratio	Lower	Upper
56	100		
55	25.4	55.4	83.0#



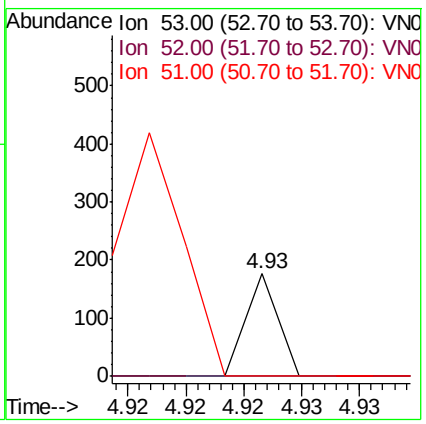


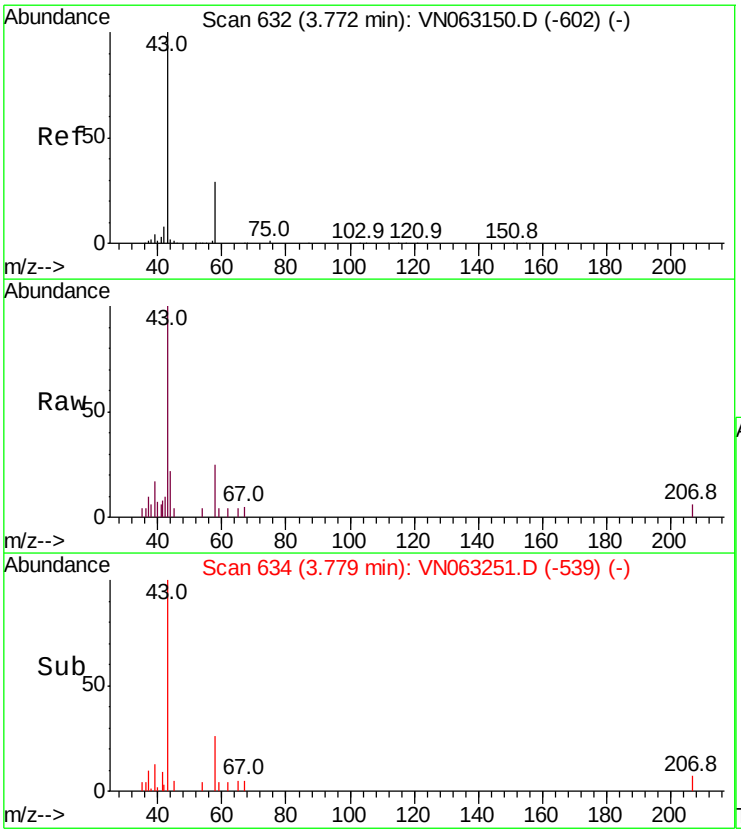
#15
Acrylonitrile
Concen: 2.427 ug/l
RT: 4.93 min Scan# 991
Delta R.T. -0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument : MSVOA_N
ClientSampleId : TR-05-090220

Tgt Ion: 53 Resp: 34

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.2	100.8#
51	482.4	30.2	45.4#

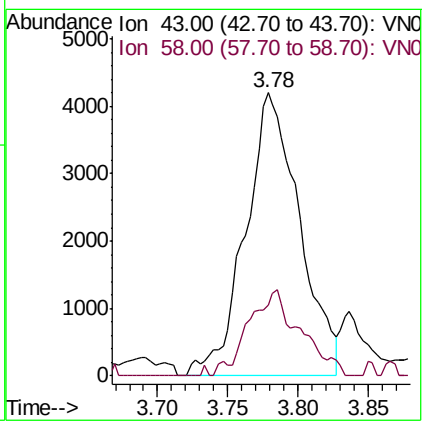


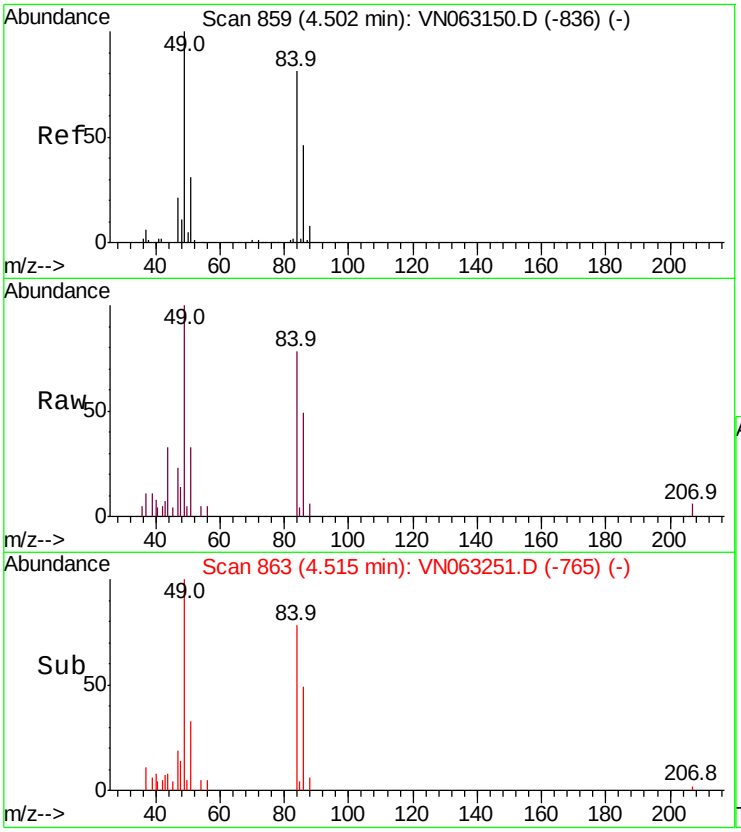


#16
Acetone
Concen: 9.278 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 43 Resp: 11224

Ion	Ratio	Lower	Upper
43	100		
58	25.1	23.1	34.7



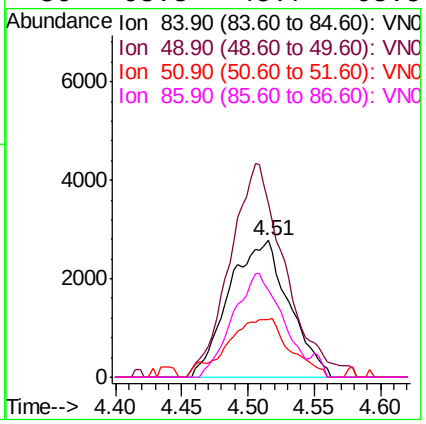


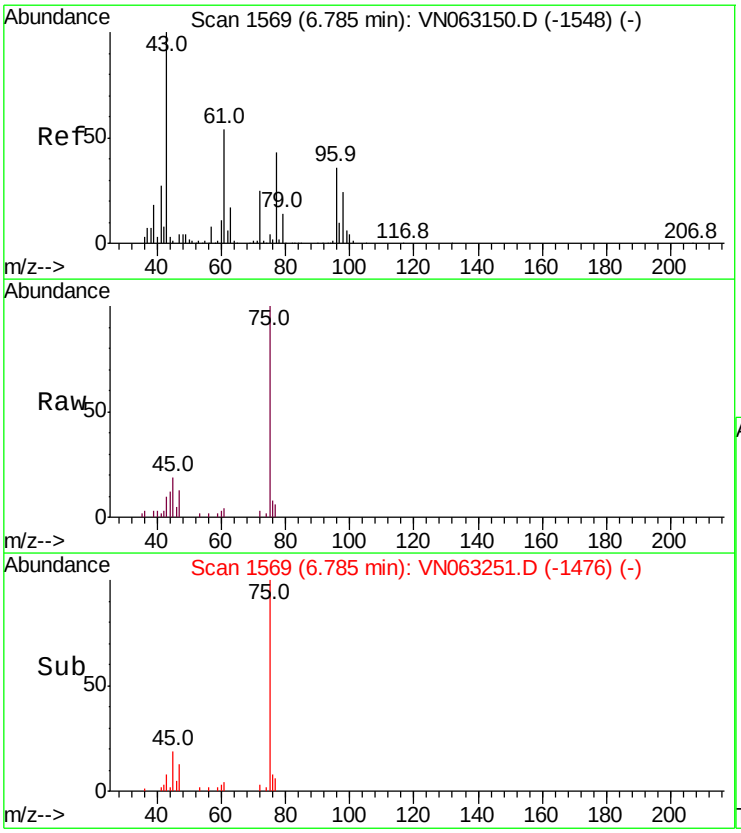
#20
Methylene Chloride
Concen: 2.103 ug/l
RT: 4.51 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument : MSVOA_N
ClientSampleId : TR-05-090220

Tgt Ion: 84 Resp: 8756

Ion	Ratio	Lower	Upper
84	100		
49	127.8	98.4	147.6
51	42.3	30.4	45.6
86	63.3	45.7	68.5

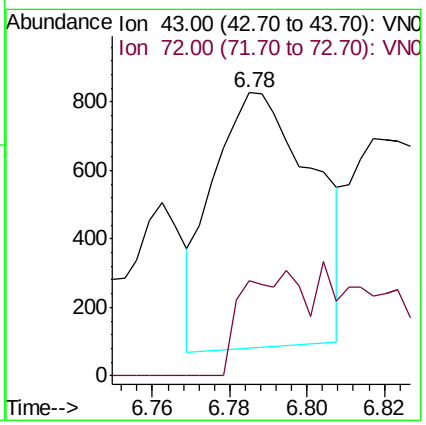


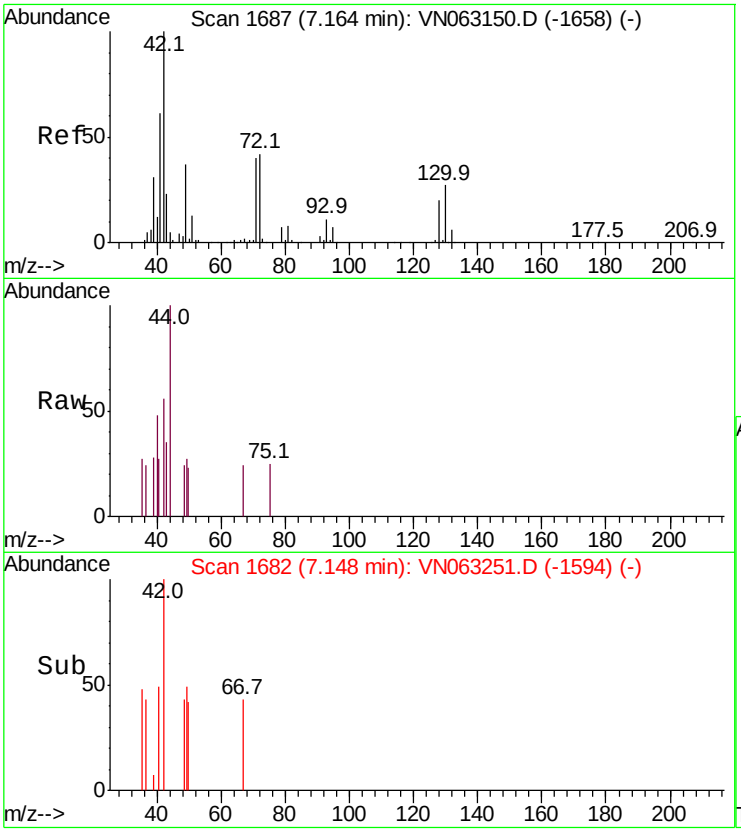


#25
2-Butanone
Concen: 0.710 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 43 Resp: 1330

Ion	Ratio	Lower	Upper
43	100		
72	101.1	20.2	30.4#



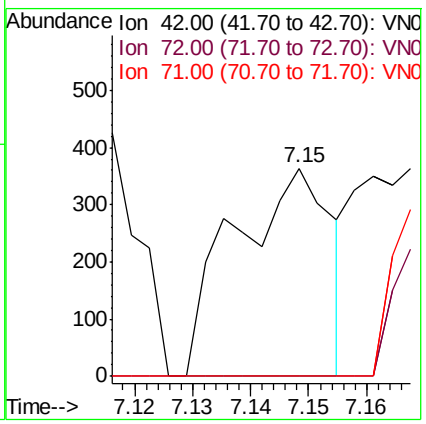


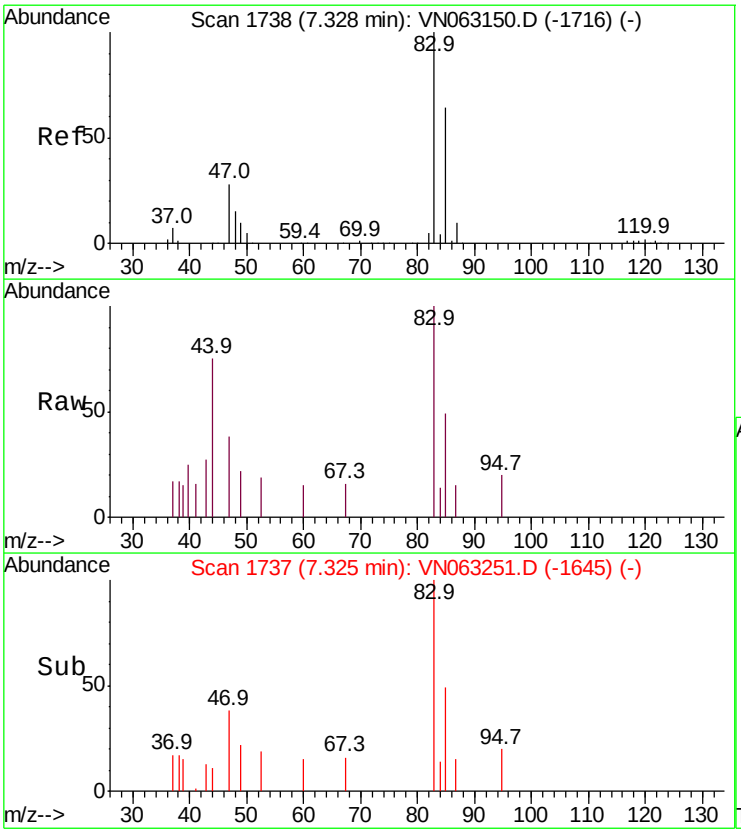
#29
Tetrahydrofuran
Concen: 0.328 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.02 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion: 42 Resp: 425

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.9	50.9#
71	0.0	31.9	47.9#

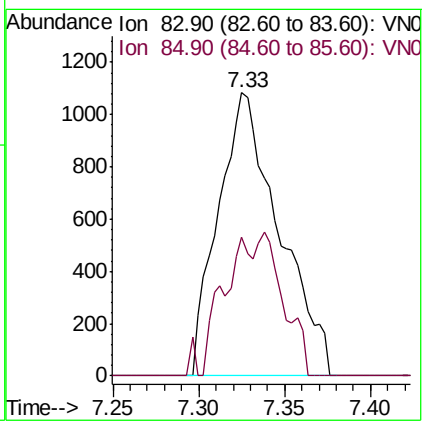


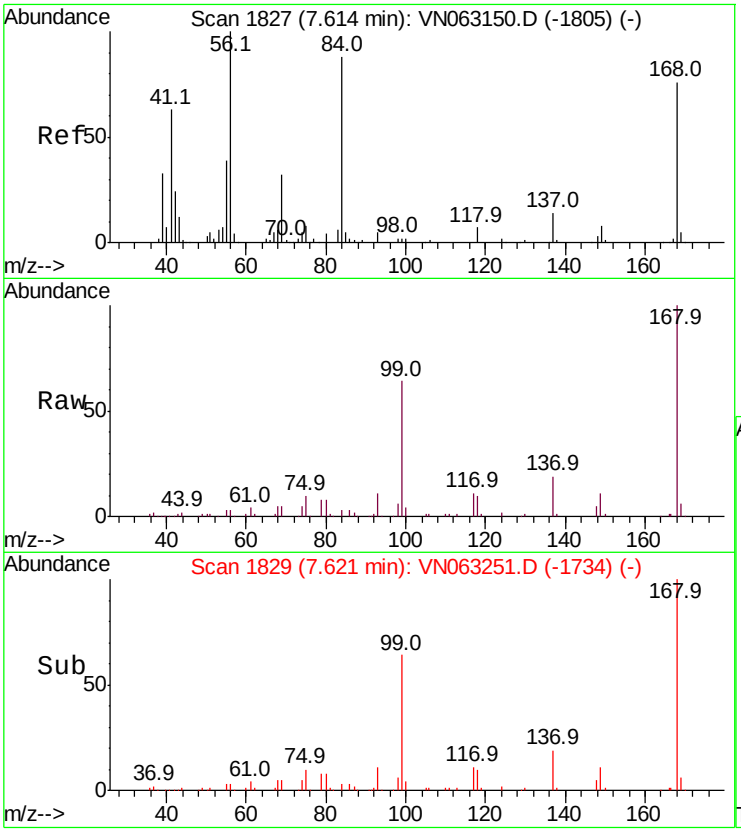


#30
Chloroform
Concen: 0.408 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 83 Resp: 2675

Ion	Ratio	Lower	Upper
83	100		
85	49.1	51.0	76.6#



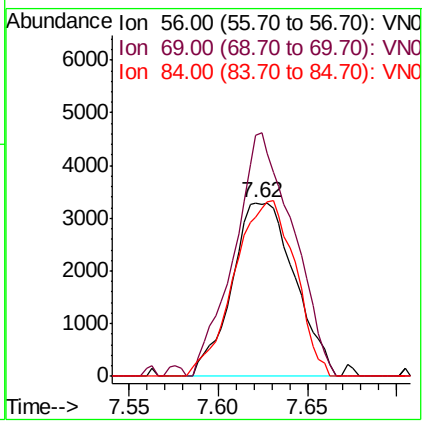


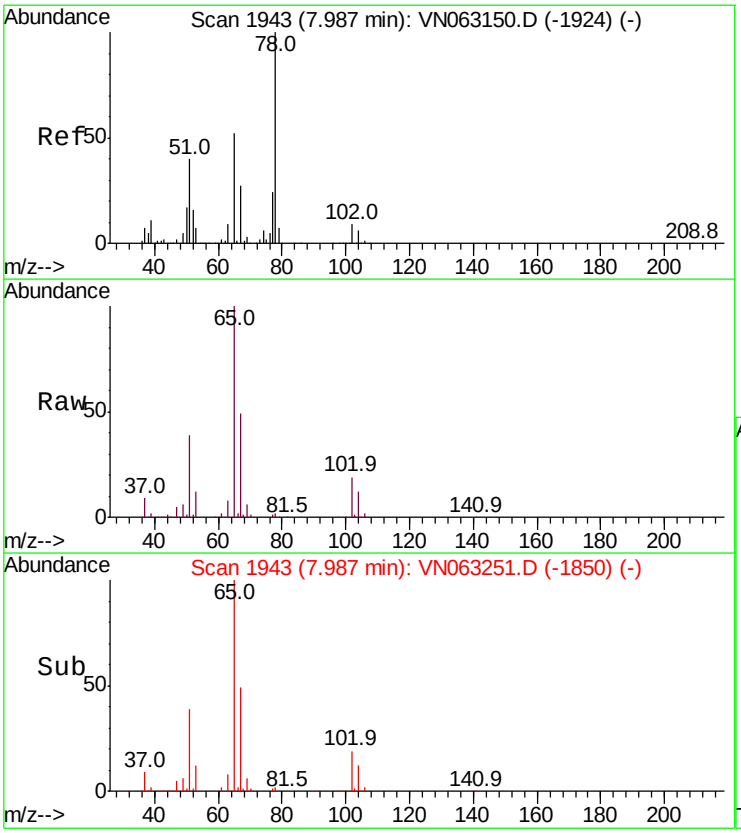
#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument : MSVOA_N
ClientSampleId : TR-05-090220

Tgt Ion: 56 Resp: 8081

Ion	Ratio	Lower	Upper
56	100		
69	138.8	25.4	38.0#
84	91.6	70.2	105.4

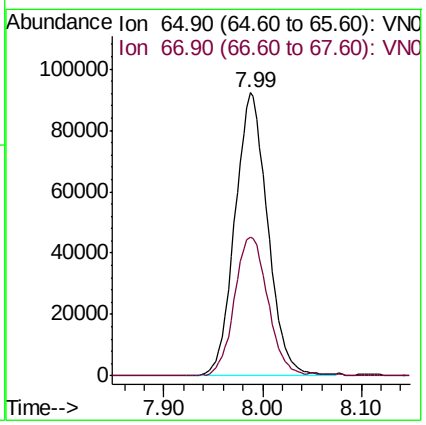


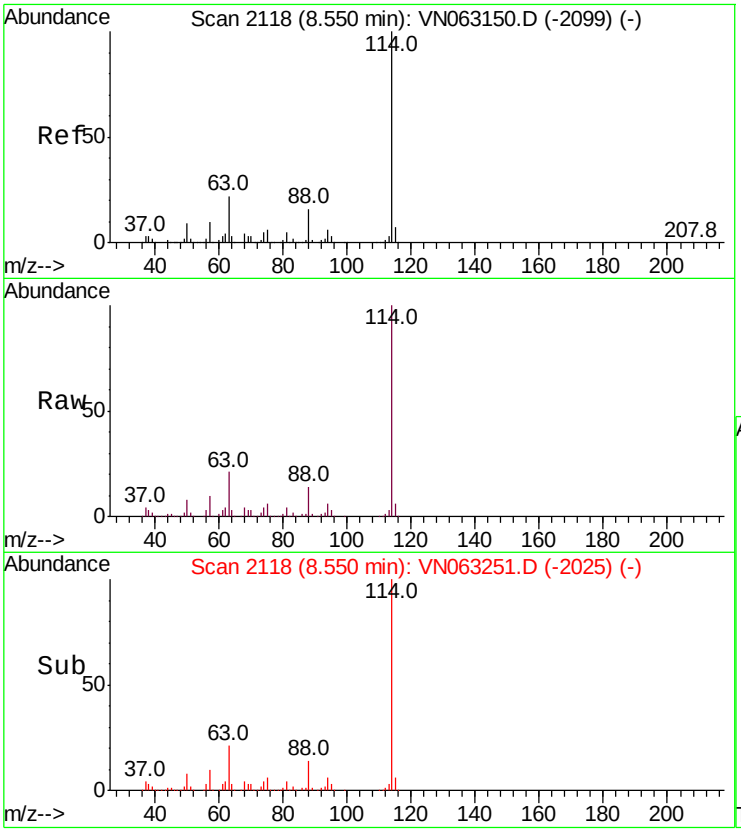


#33
1,2-Dichloroethane-d4
Concen: 49.872 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 65 Resp: 212225

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	104.4



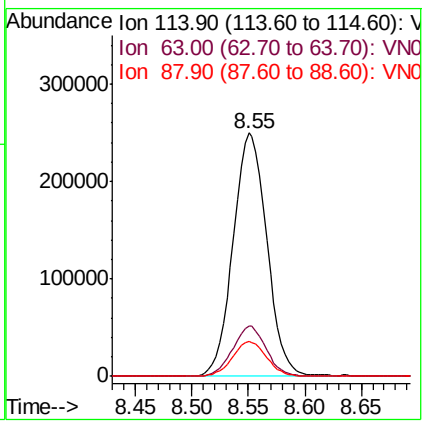


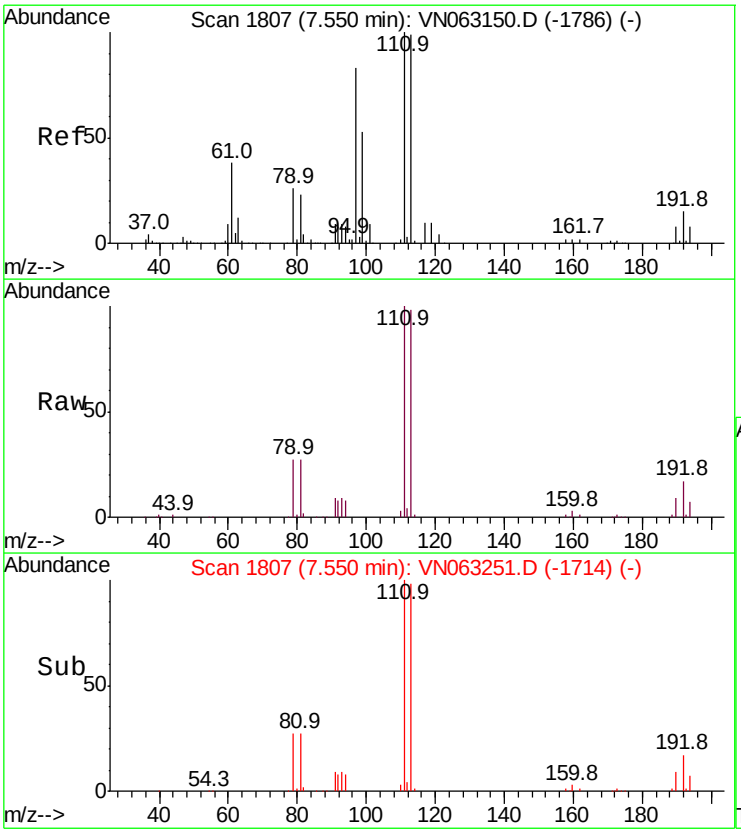
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion:114 Resp: 519395

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.0
88	14.2	0.0	31.6

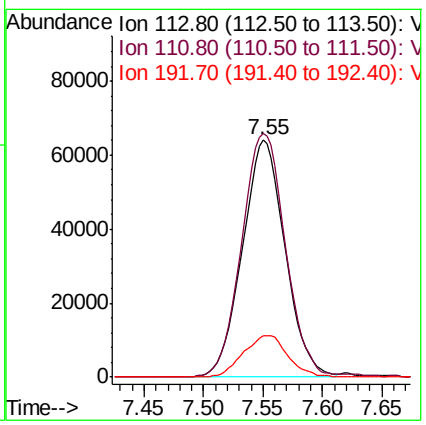


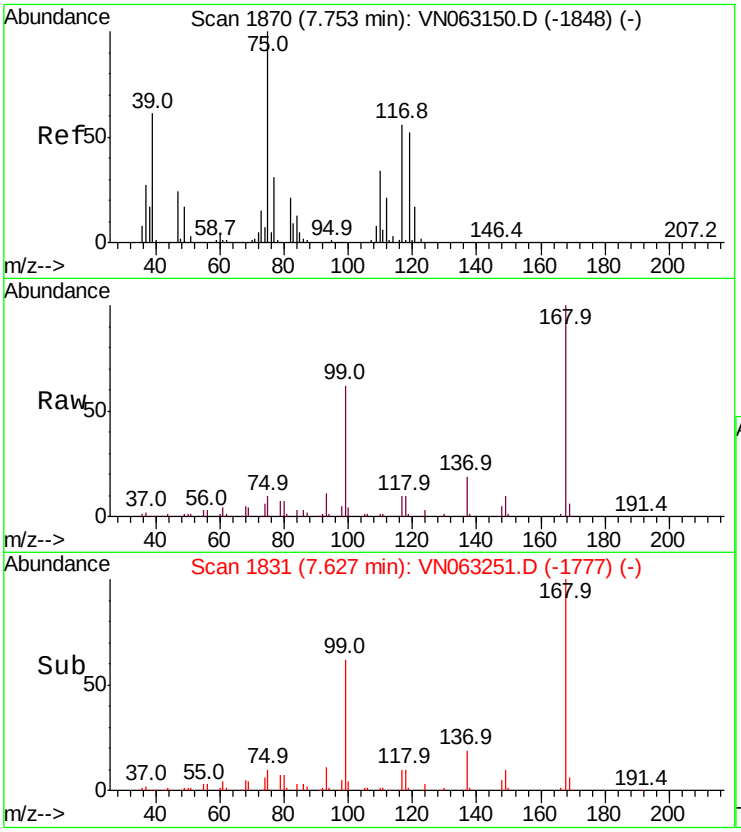


#35
Dibromofluoromethane
Concen: 47.755 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion:113 Resp: 159129

Ion	Ratio	Lower	Upper
113	100		
111	105.6	80.7	121.1
192	18.2	12.6	19.0



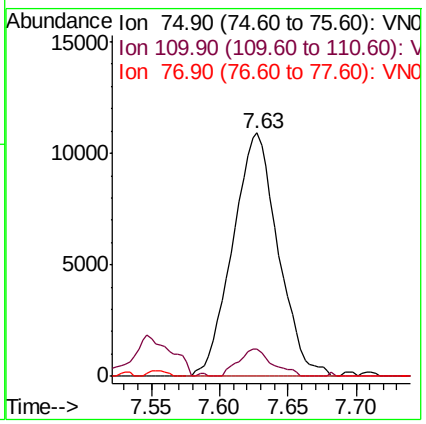


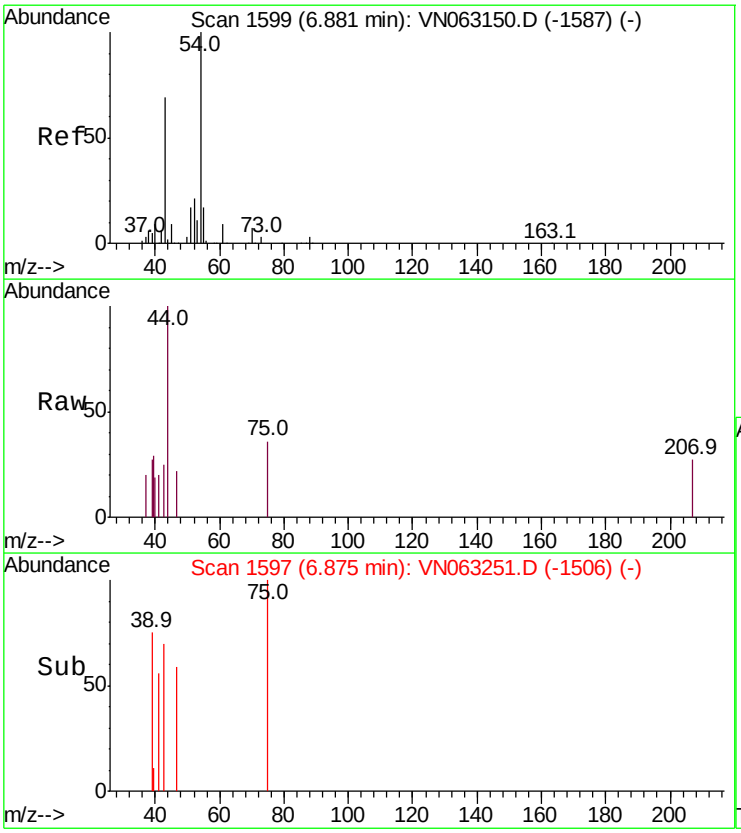
#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion: 75 Resp: 25280

Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.6	49.8#
77	0.0	25.4	38.2#

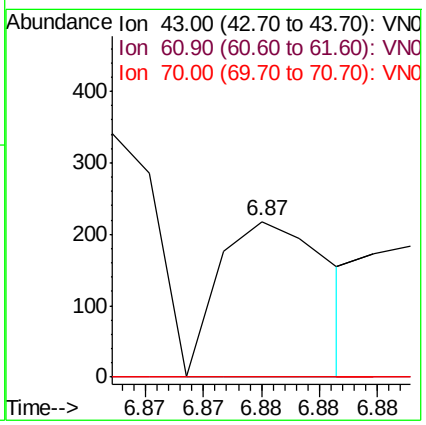


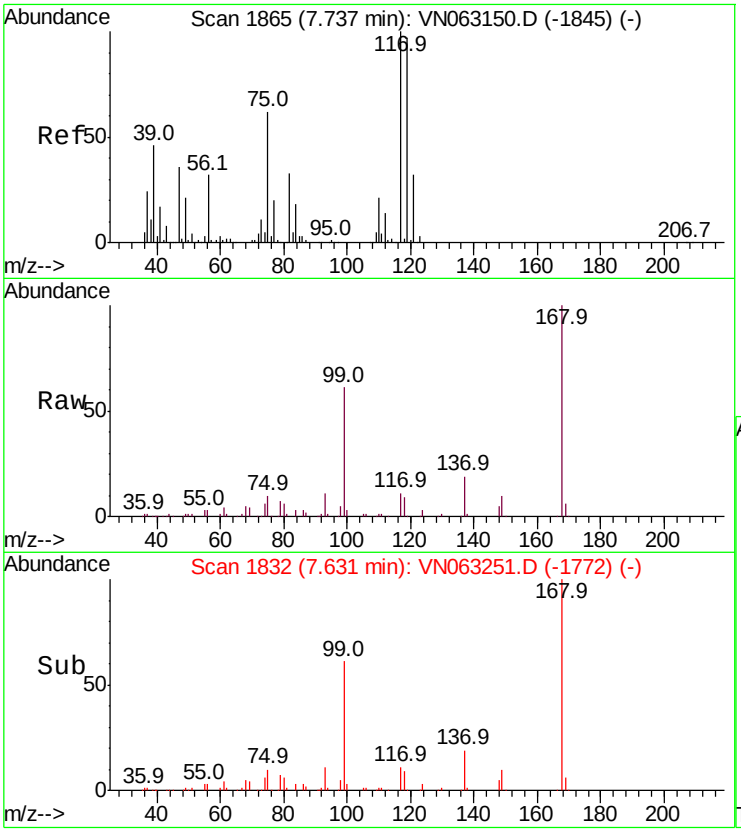


#37
Ethyl Acetate
Concen: 0.410 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 43 Resp: 143

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.4#
70	0.0	3.0	4.6#



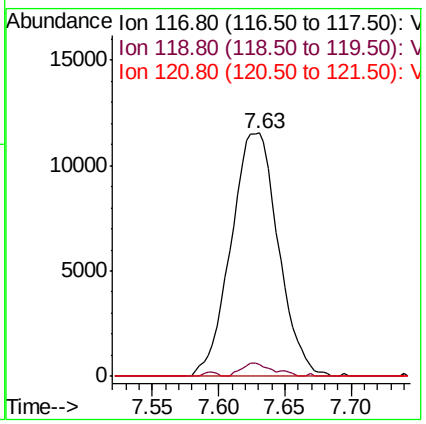


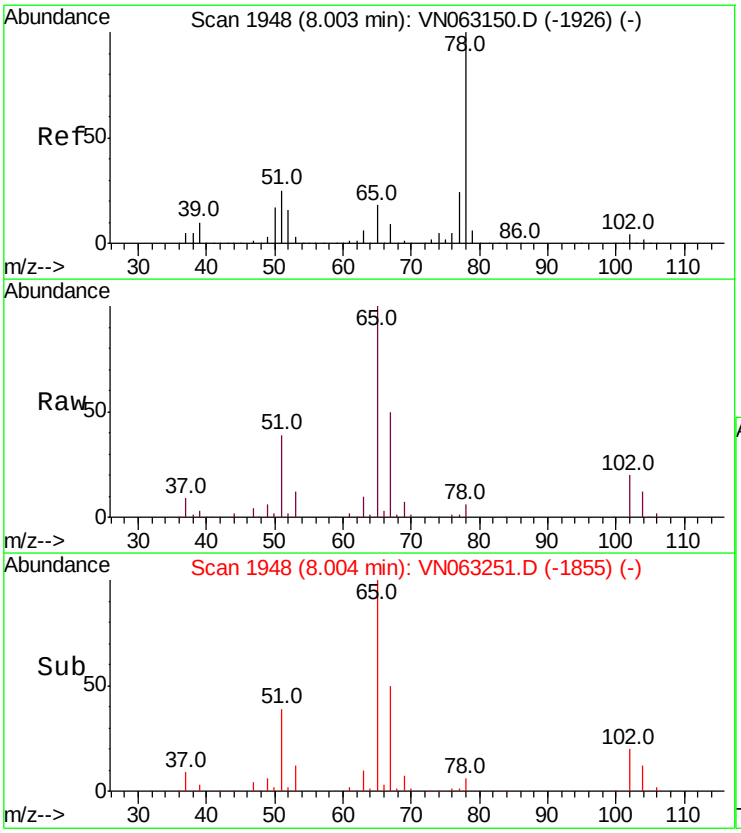
#38
Carbon Tetrachloride
Concen: 5.657 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion:117 Resp: 28648

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.2	115.8#
121	0.0	25.6	38.4#

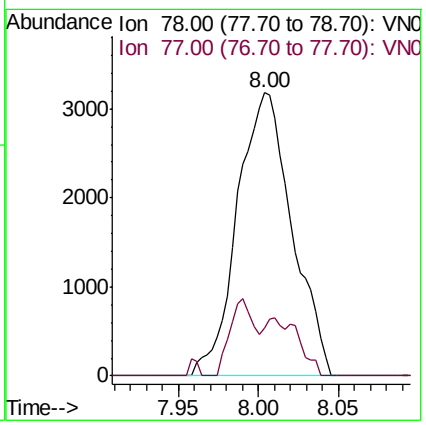


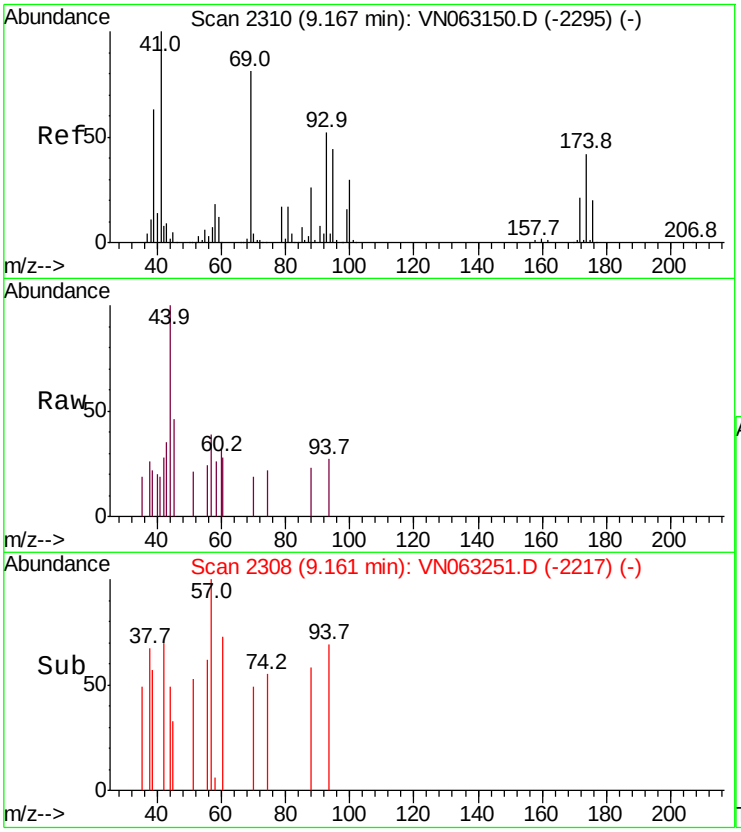


#40
Benzene
Concen: 0.508 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 78 Resp: 7460

Ion	Ratio	Lower	Upper
78	100		
77	16.8	19.3	28.9#



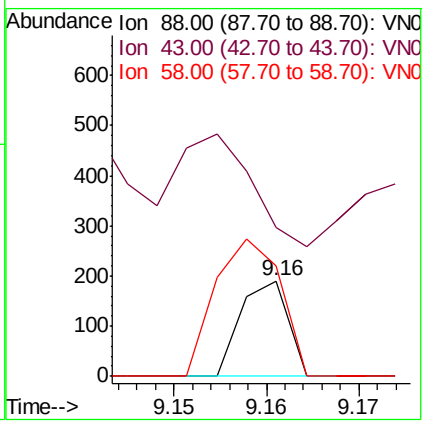


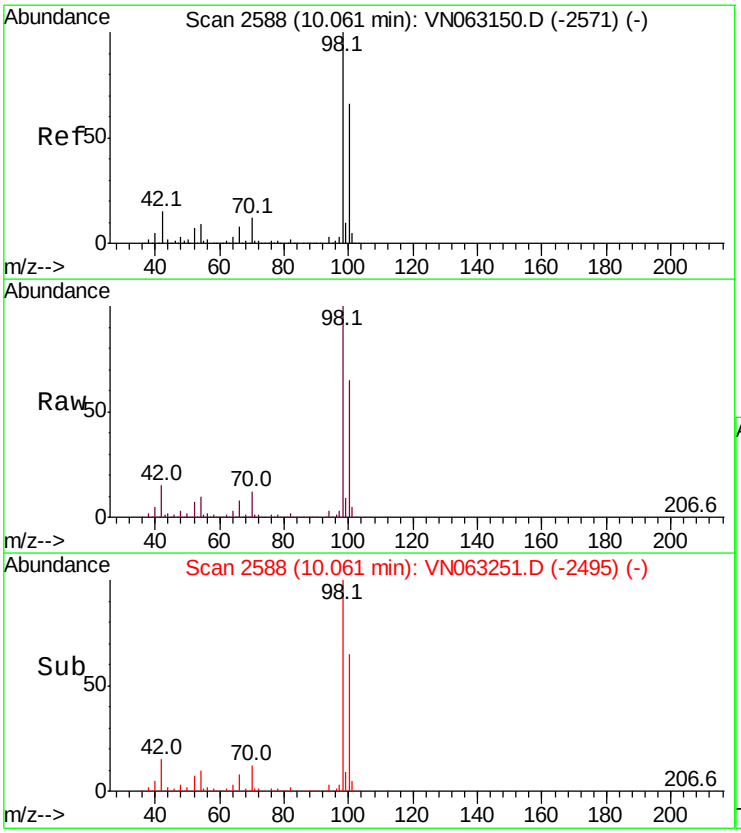
#49
1,4-Dioxane
Concen: 1.180 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	174.6	28.6	42.8#
58	198.5	53.2	79.8#

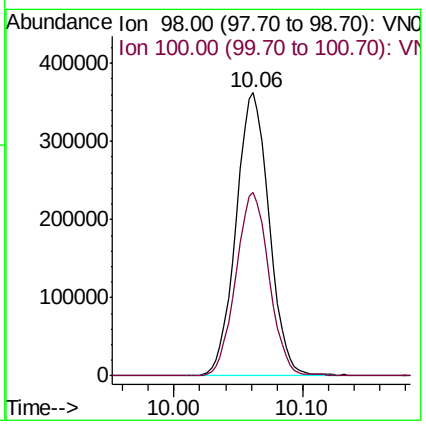


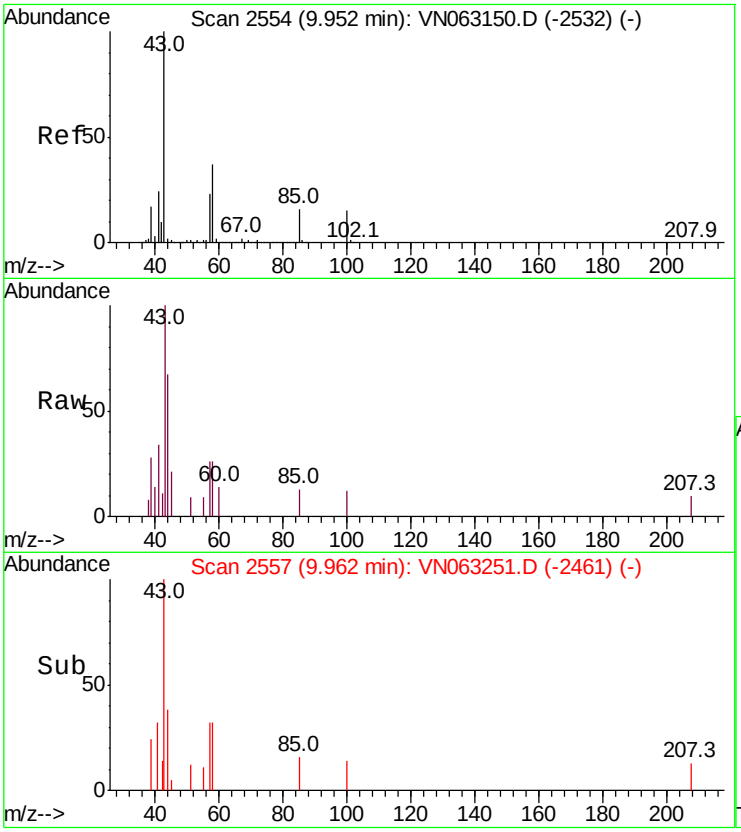


#50
Toluene-d8
Concen: 50.641 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 98 Resp: 649502

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0



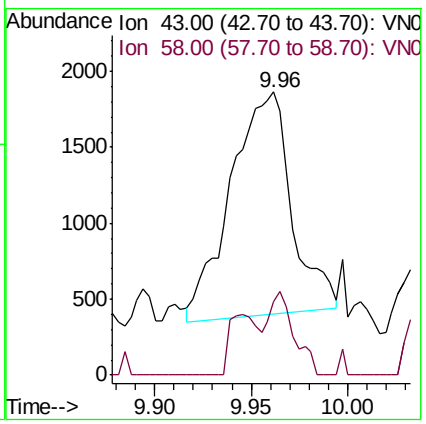


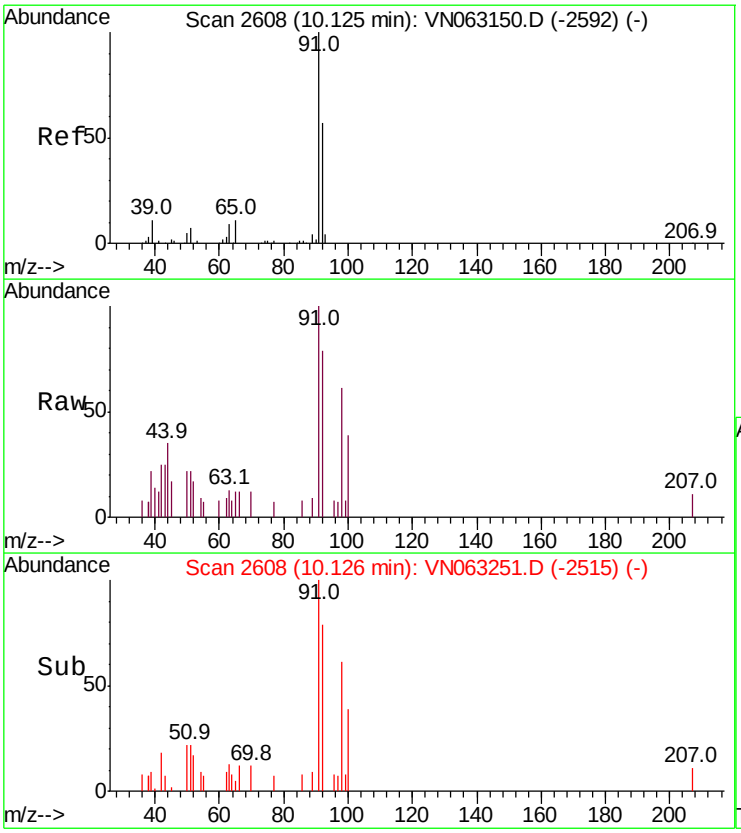
#51
4-Methyl-2-Pentanone
Concen: 0.726 ug/l
RT: 9.96 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument : MSVOA_N
ClientSampleId : TR-05-090220

Tgt Ion: 43 Resp: 3213

Ion	Ratio	Lower	Upper
43	100		
58	15.7	29.2	43.8#

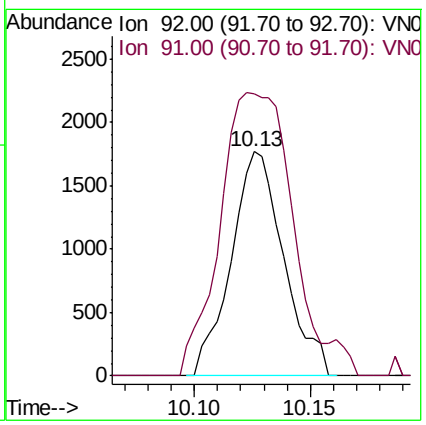


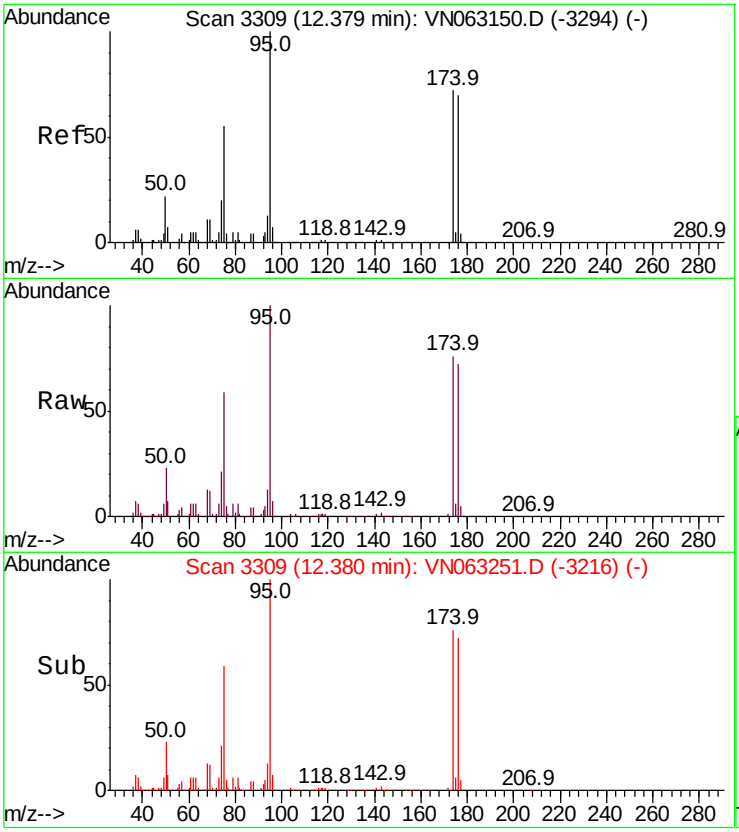


#52
Toluene
Concen: 0.305 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 92 Resp: 2787

Ion	Ratio	Lower	Upper
92	100		
91	175.9	141.2	211.8



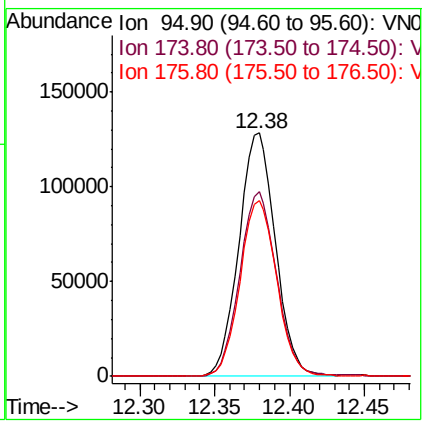


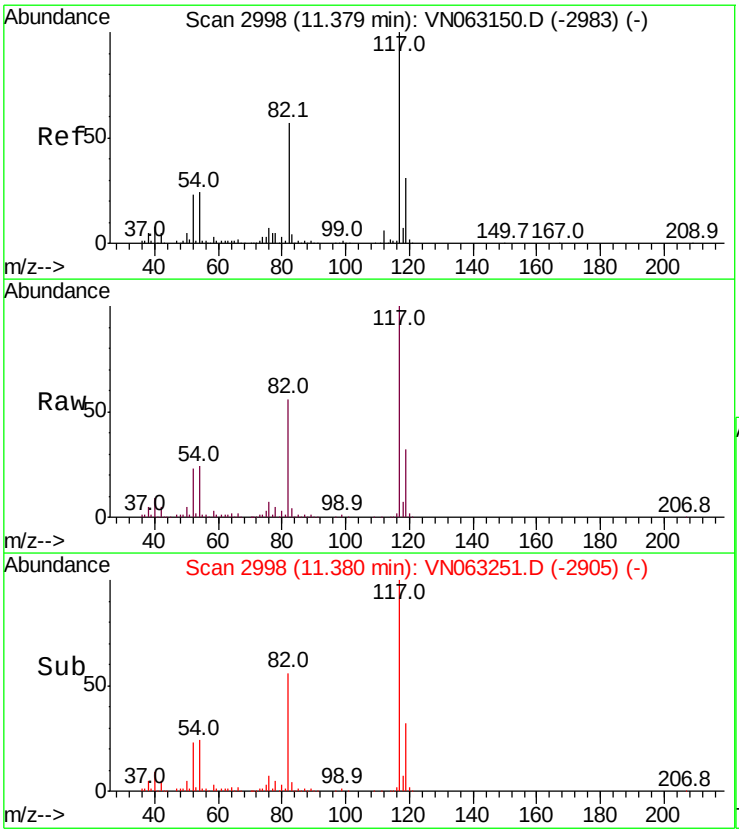
#62
4-Bromofluorobenzene
Concen: 48.813 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion: 95 Resp: 218997

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	143.8
176	72.6	0.0	138.4

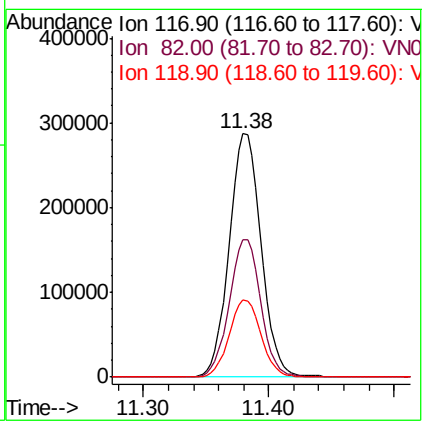


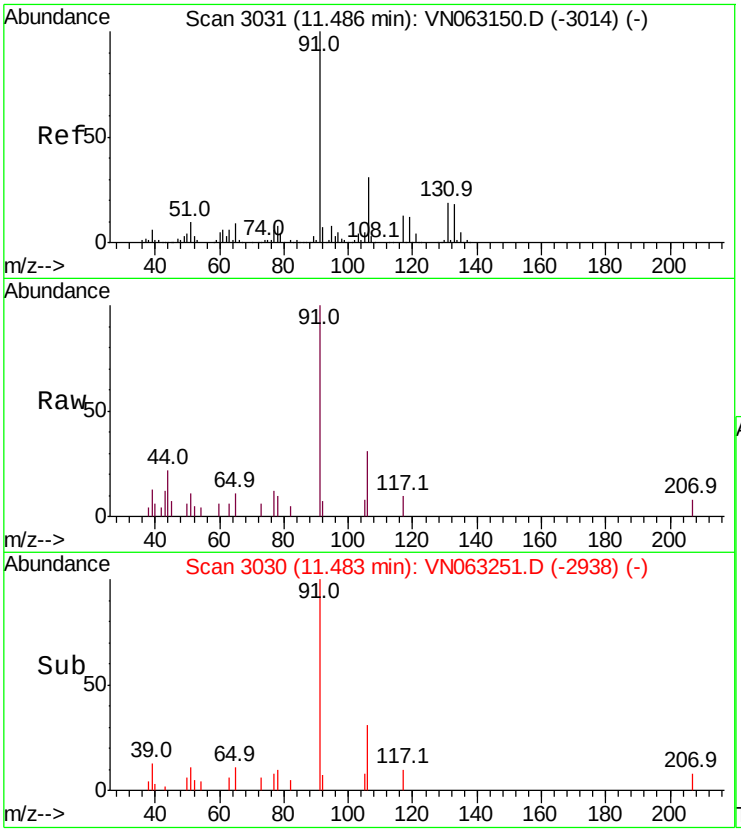


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion:117 Resp: 508268

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.4	68.0
119	31.5	24.6	37.0



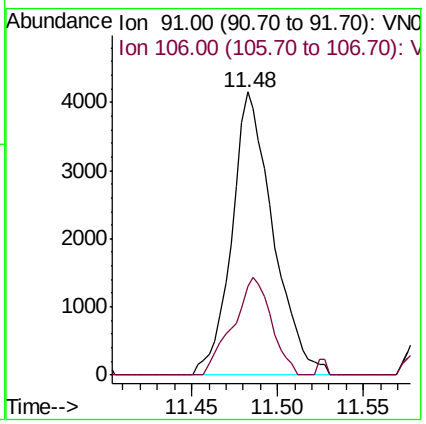


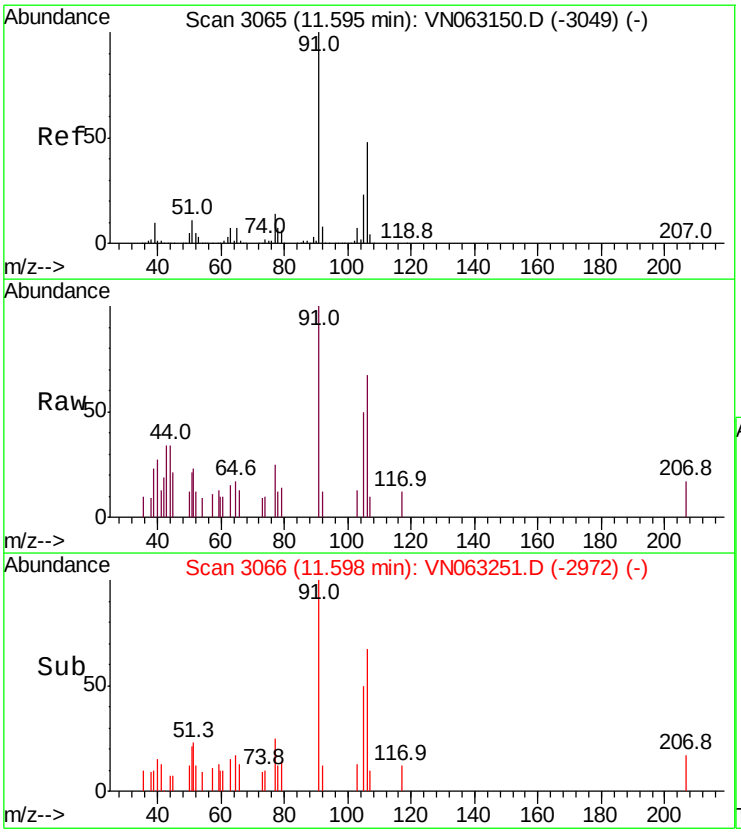
#67
Ethyl Benzene
Concen: 0.372 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument : MSVOA_N
ClientSampleId : TR-05-090220

Tgt Ion: 91 Resp: 6942

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.4	36.6

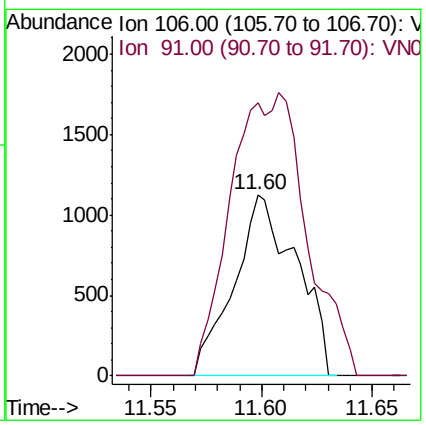


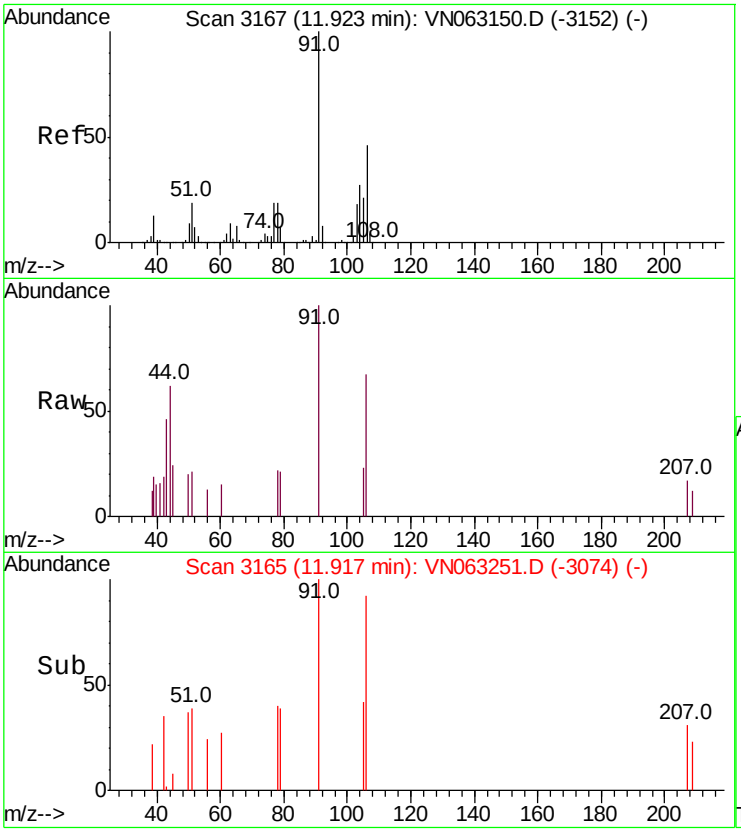


#68
m/p-Xylenes
Concen: 0.319 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion:106 Resp: 2204

Ion	Ratio	Lower	Upper
106	100		
91	94.5	166.7	250.1#



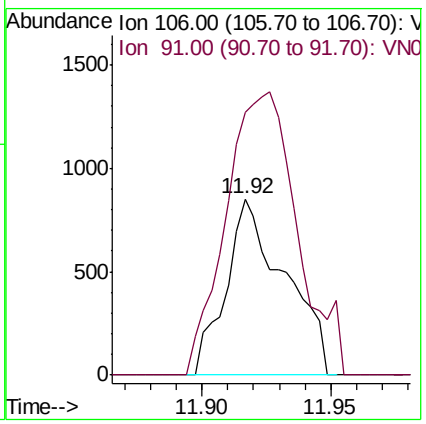


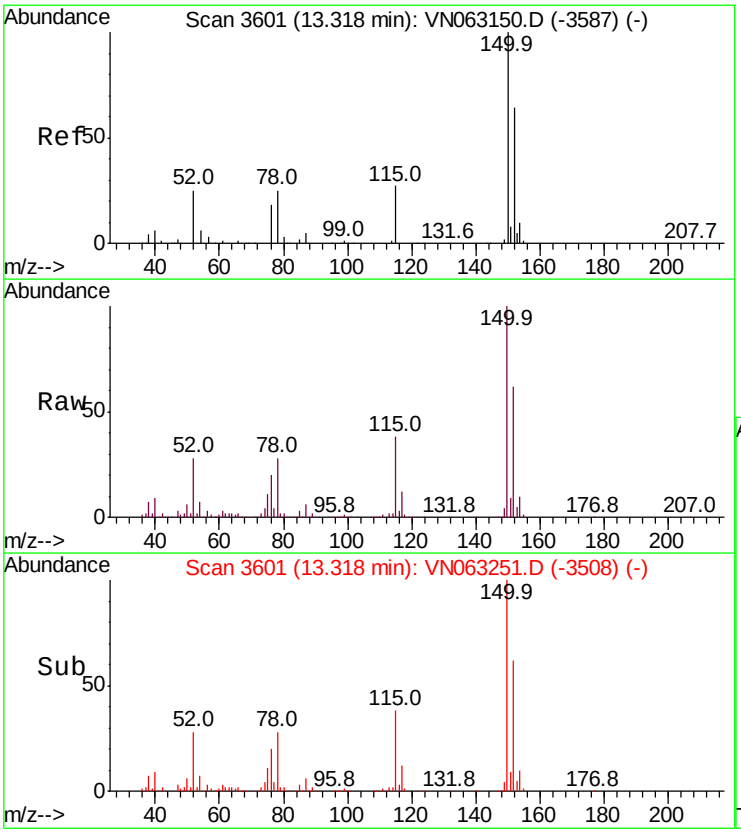
#69
o-Xylene
Concen: 0.202 ug/l
RT: 11.92 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument : MSVOA_N
ClientSampleId : TR-05-090220

Tgt Ion:106 Resp: 1353

Ion	Ratio	Lower	Upper
106	100		
91	194.4	108.6	325.6

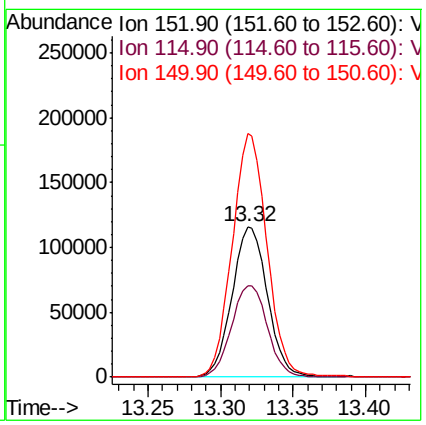


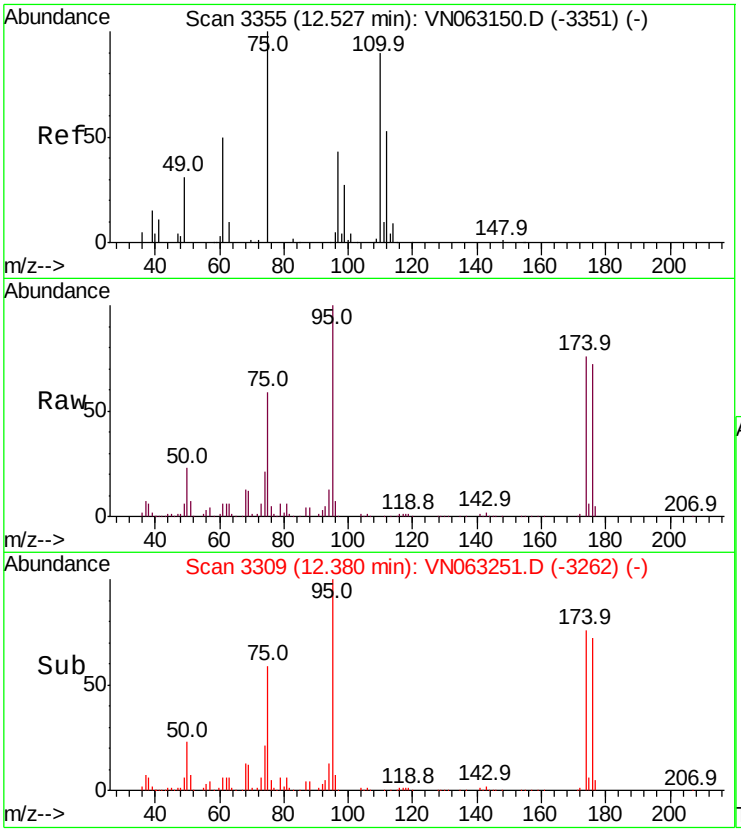


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion:152 Resp: 196118

Ion	Ratio	Lower	Upper
152	100		
115	61.7	32.0	96.2
150	159.7	0.0	353.0



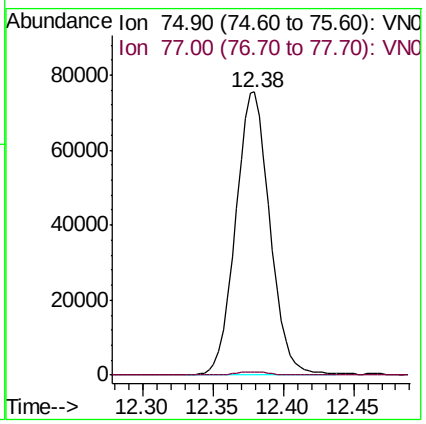


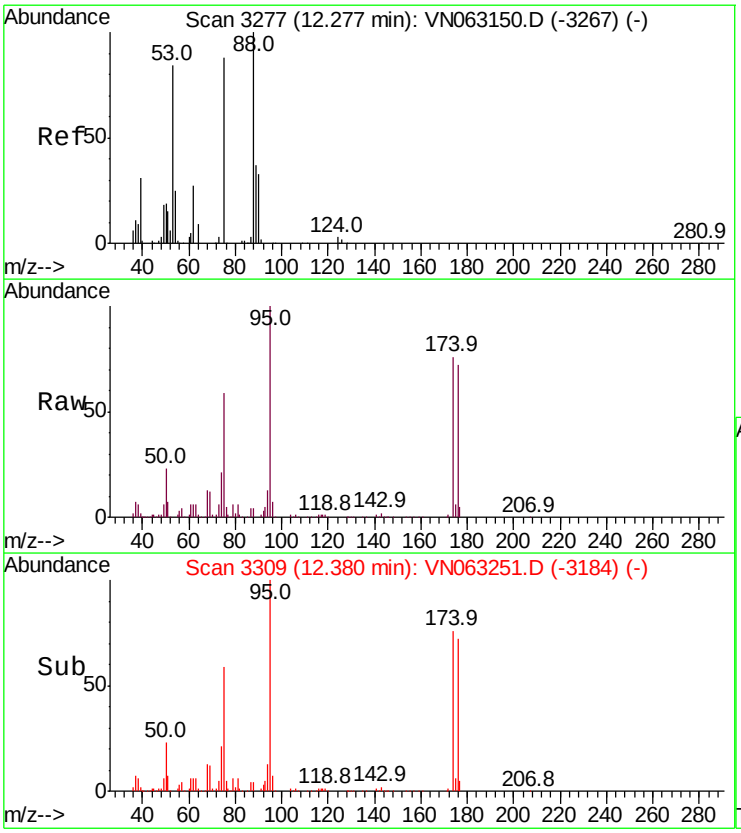
#76
1,2,3-Trichloropropane
Concen: 33.385 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. -0.15 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion: 75 Resp: 128643

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

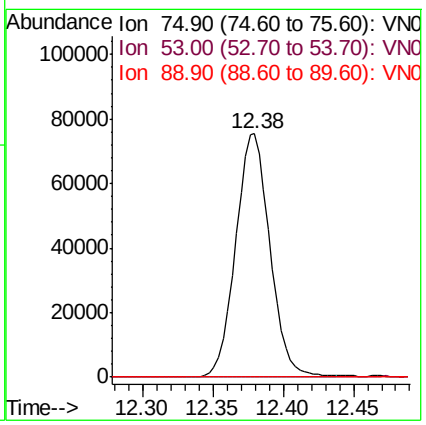


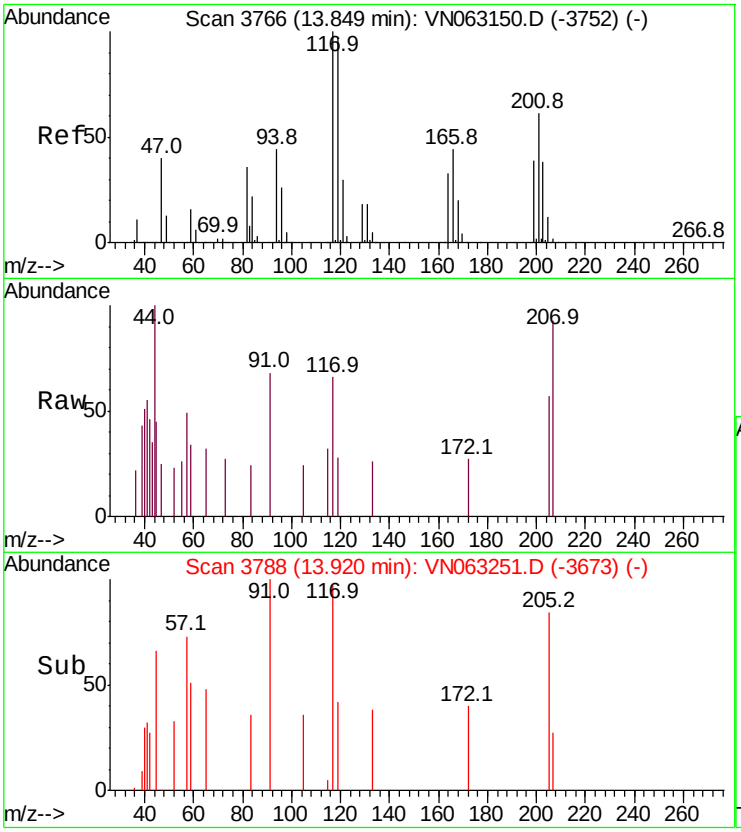


#81
trans-1,4-Dichloro-2-butene
Concen: 80.691 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.10 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion: 75 Resp: 128643

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.7	118.1#
89	0.0	35.3	52.9#



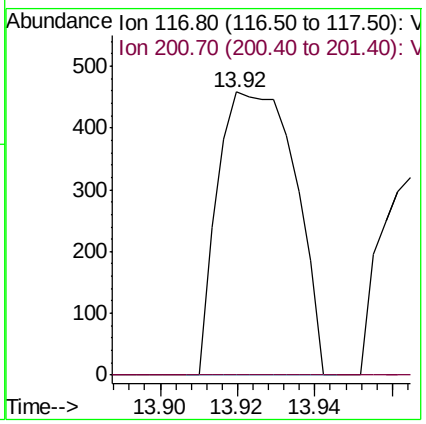


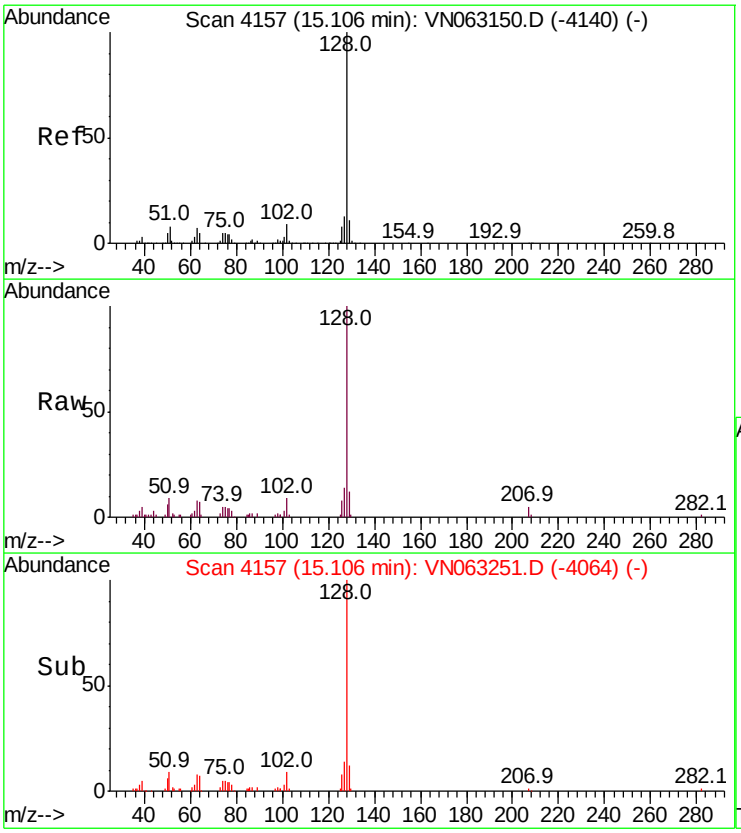
#90
Hexachloroethane
Concen: 0.276 ug/l
RT: 13.92 min Scan# 3788
Delta R.T. 0.07 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TR-05-090220

Tgt Ion:117 Resp: 635

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.6	92.0#





#95
Naphthalene
Concen: 5.113 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063251.D
Acq: 4 Sep 2020 16:37

Tgt Ion:128 Resp: 57799

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.8	8.6	13.0