Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061619.D
Acq On : 2 Jun 2020 14:34
Operator : JC/MD
Sample : L2822-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : C0AP7

Quant Time: Jun 03 07:36:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	320196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	567745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	607478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	340878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185022	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.00%			
35) Dibromofluoromethane	7.55	113	143339	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
50) Toluene-d8	10.06	98	695123	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.16%			
62) 4-Bromofluorobenzene	12.37	95	319386	65.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 131.18%			
Target Compounds						Qvalue
16) Acetone	3.77	43	291119	277.573	ug/l	98
18) Methyl Acetate	4.28	43	243978	70.646	ug/l	99
20) Methylene Chloride	4.50	84	227421	66.149	ug/l	97
25) 2-Butanone	6.78	43	698270	386.210	ug/l	98
29) Tetrahydrofuran	7.17	42	220746	185.154	ug/l	97
40) Benzene	8.00	78	977528	63.036	ug/l	100
43) Isopropyl Acetate	8.13	43	58922	8.090	ug/l #	92
51) 4-Methyl-2-Pentanone	9.95	43	140316	34.189	ug/l	99
52) Toluene	10.12	92	2862487	282.810	ug/l	89
59) 2-Hexanone	10.72	43	815709	276.745	ug/l	91
67) Ethyl Benzene	11.48	91	1005571	46.075	ug/l	99
68) m/p-Xylenes	11.59	106	979271	113.163	ug/l	99
69) o-Xylene	11.92	106	636233	77.408	ug/l	99
73) Isopropylbenzene	12.22	105	38964	1.566	ug/l	96
78) n-propylbenzene	12.56	91	122098	4.396	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	127355	6.124	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	503209	24.359	ug/l	99
95) Naphthalene	15.10	128	927499	48.481	ug/l	99

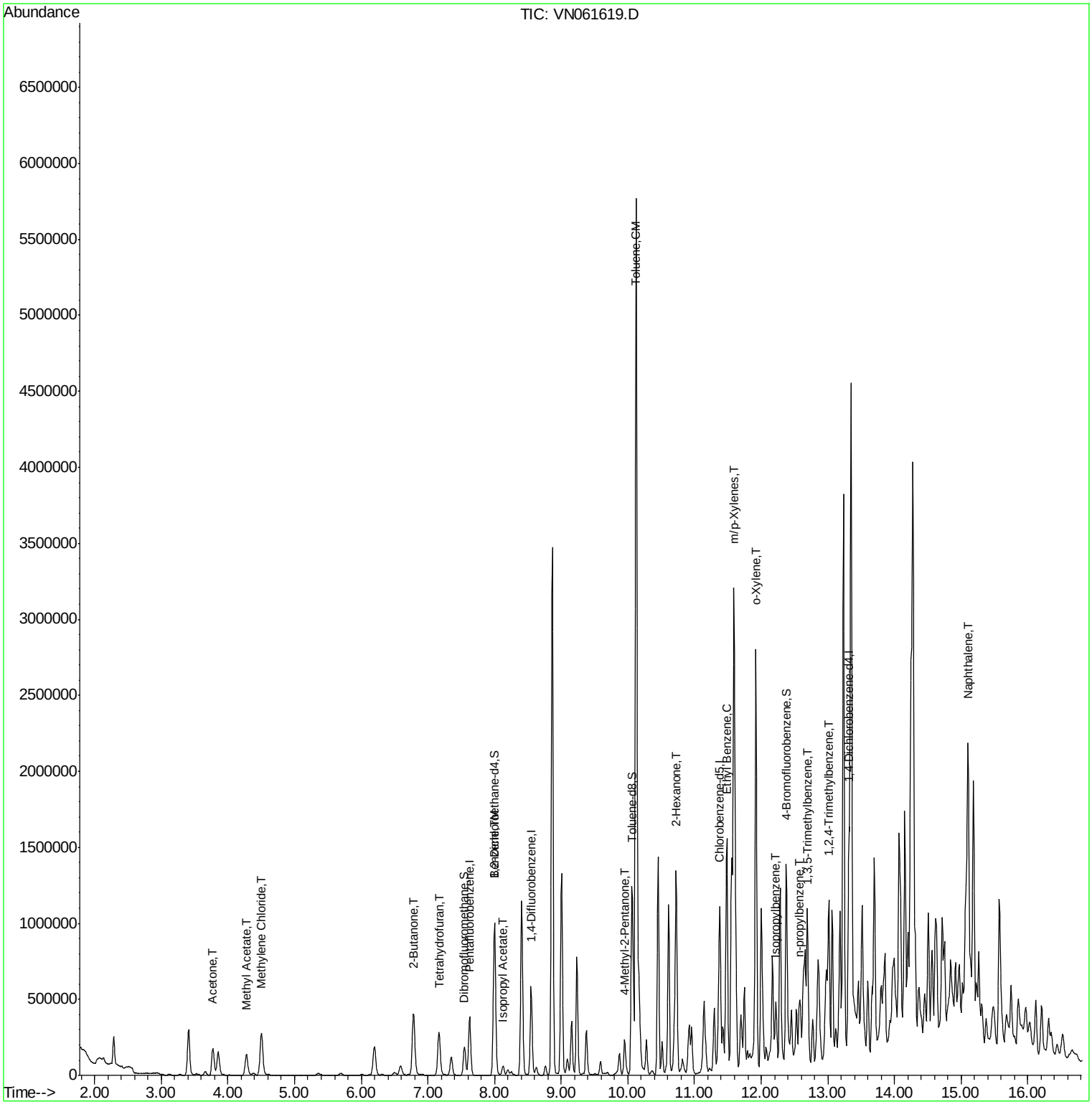
(#) = qualifier out of range (m) = manual integration (+) = signals summed

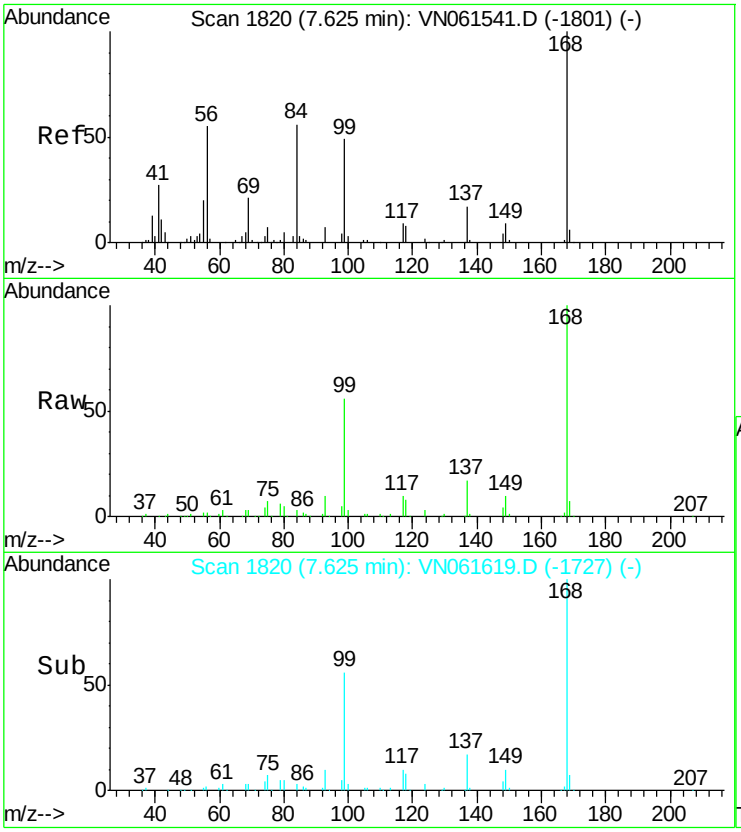
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061619.D
Acq On : 2 Jun 2020 14:34
Operator : JC/MD
Sample : L2822-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : C0AP7

Quant Time: Jun 03 07:36:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration



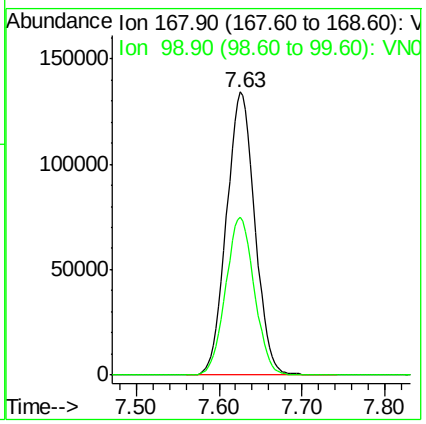


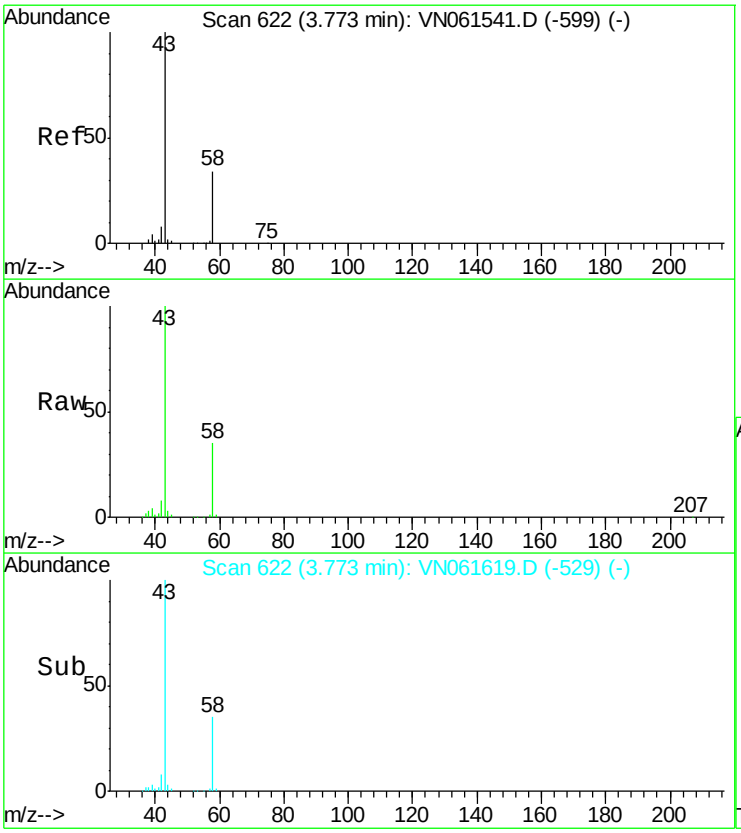
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion:168 Resp: 320196

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.0	67.4

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

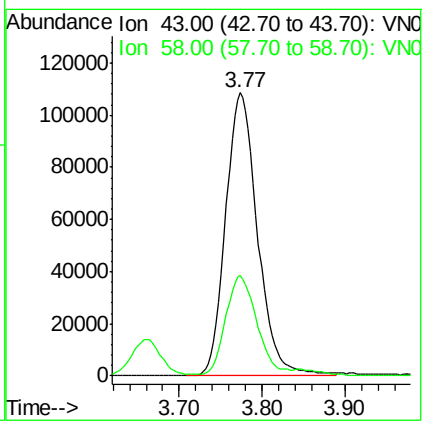


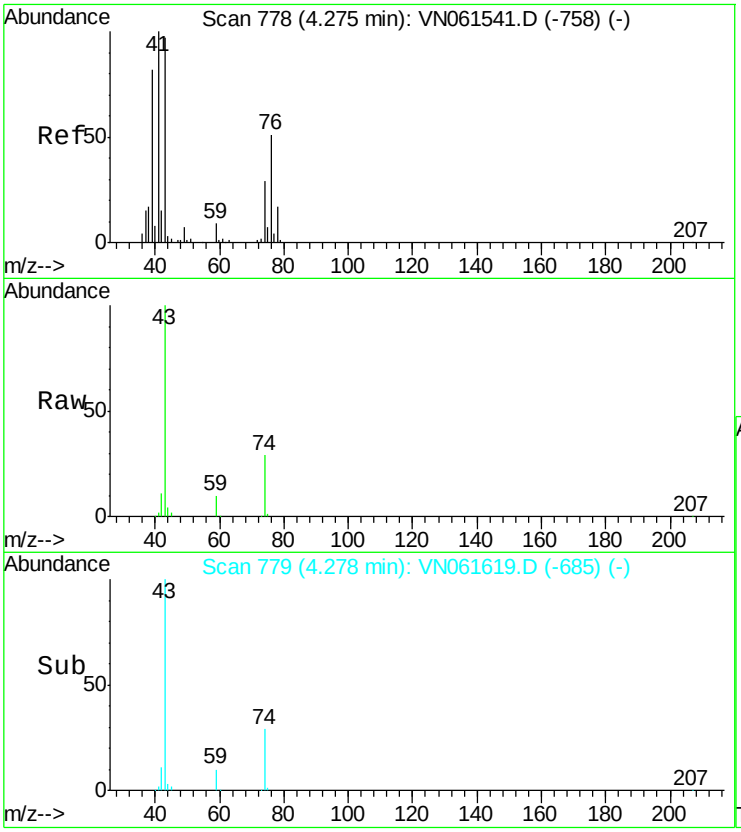


#16
Acetone
Concen: 277.573 ug/l
RT: 3.77 min Scan# 622
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 43 Resp: 291119

Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.2	40.8



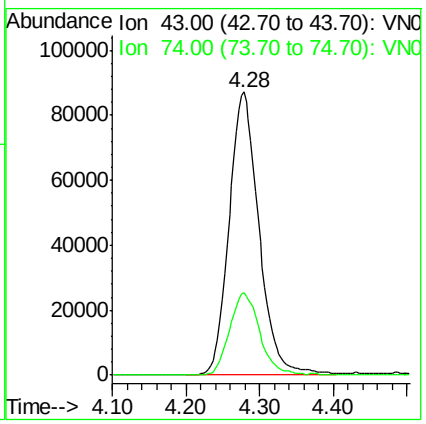


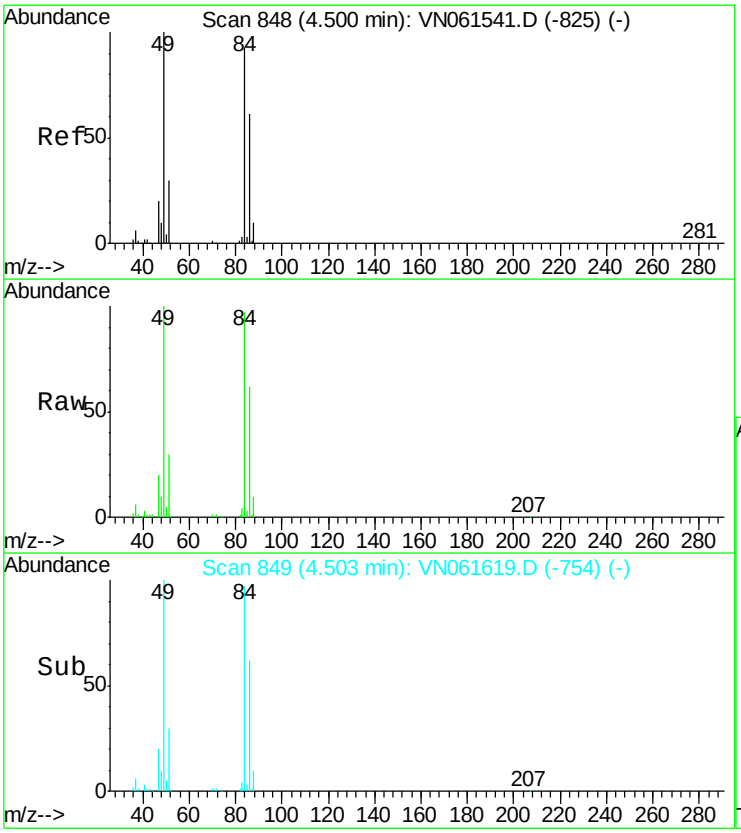
#18
Methyl Acetate
Concen: 70.646 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument : MSVOA_N
ClientSampleId : C0AP7

Tgt Ion: 43 Resp: 243978

Ion	Ratio	Lower	Upper
43	100		
74	29.5	23.2	34.8

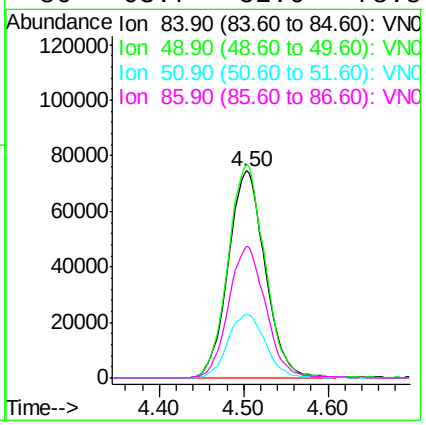


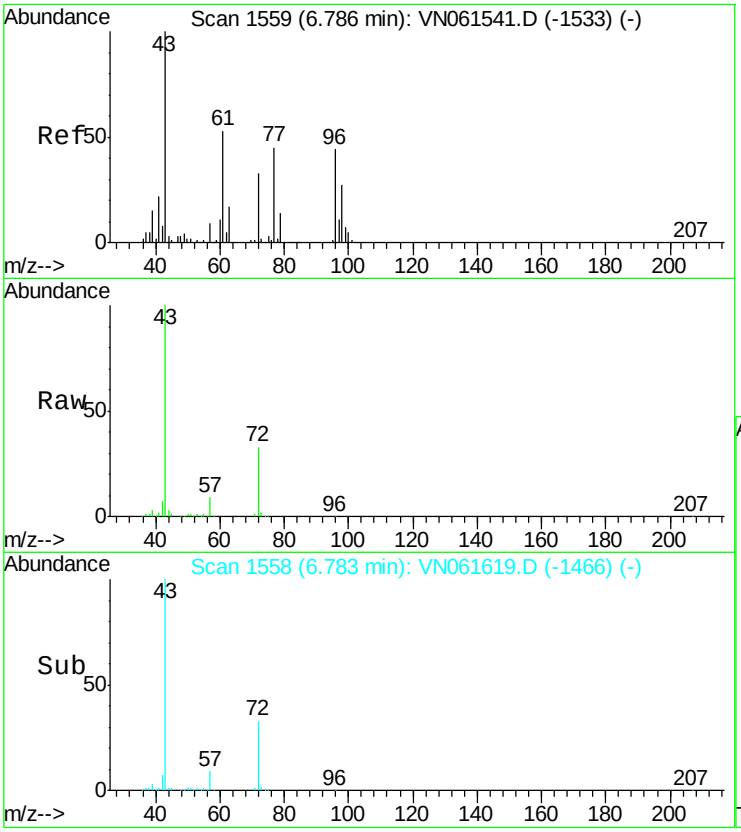


#20
Methylene Chloride
Concen: 66.149 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 84 Resp: 227421

Ion	Ratio	Lower	Upper
84	100		
49	103.3	85.8	128.8
51	30.9	26.2	39.2
86	63.7	52.6	78.8



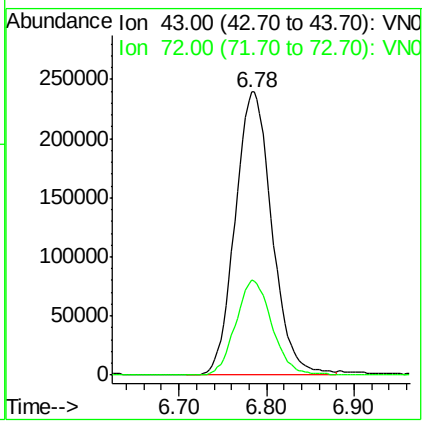


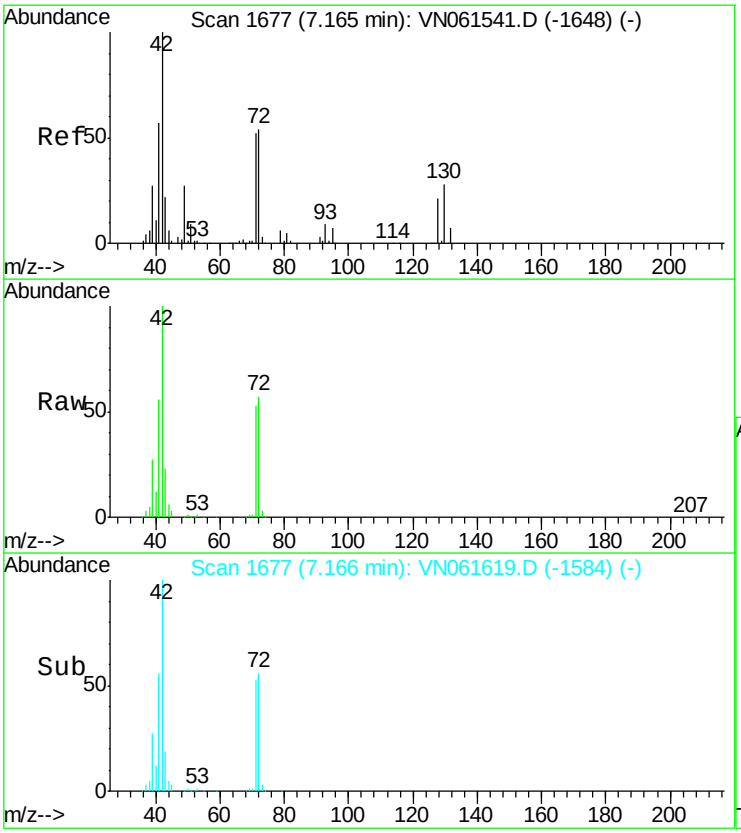
#25
2-Butanone
Concen: 386.210 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tgt Ion: 43 Resp: 698270

Ion	Ratio	Lower	Upper
43	100		
72	33.5	26.0	39.0

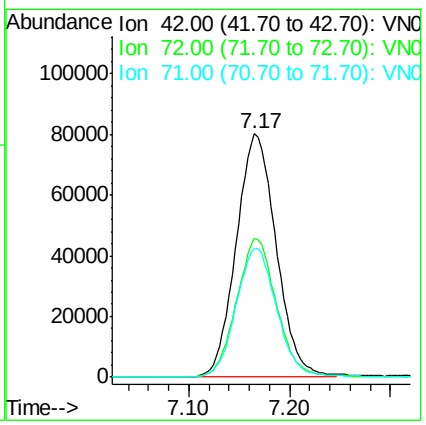


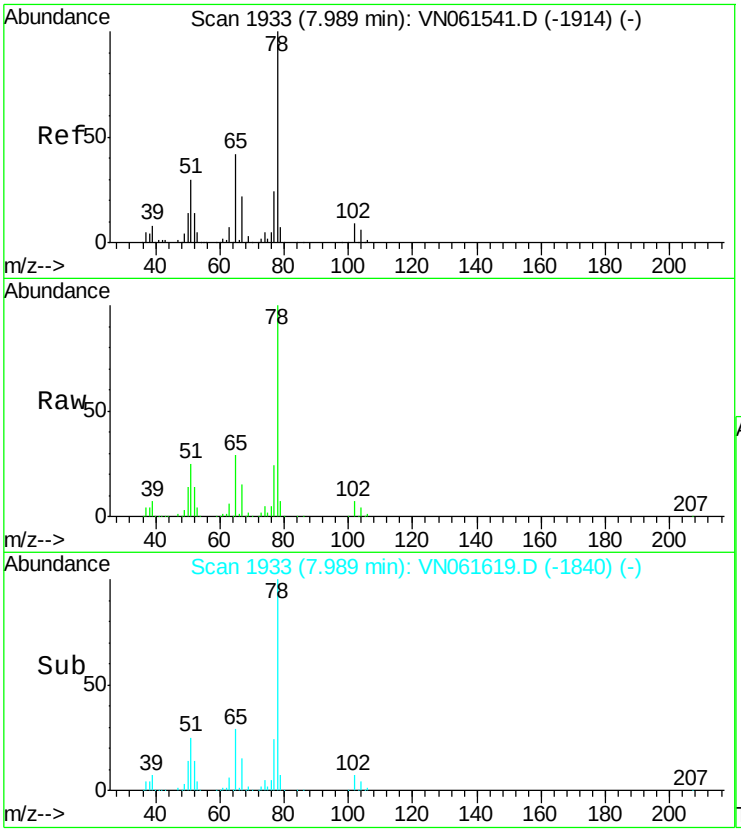


#29
Tetrahydrofuran
Concen: 185.154 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 42 Resp: 220746

Ion	Ratio	Lower	Upper
42	100		
72	57.0	43.6	65.4
71	53.5	41.2	61.8



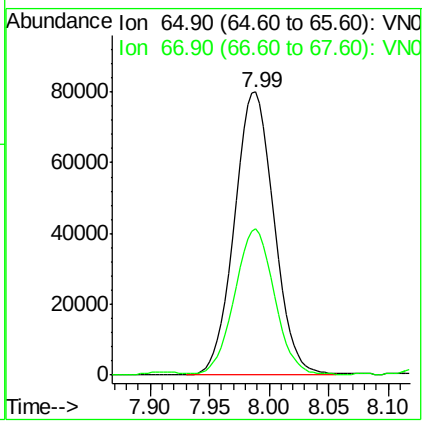


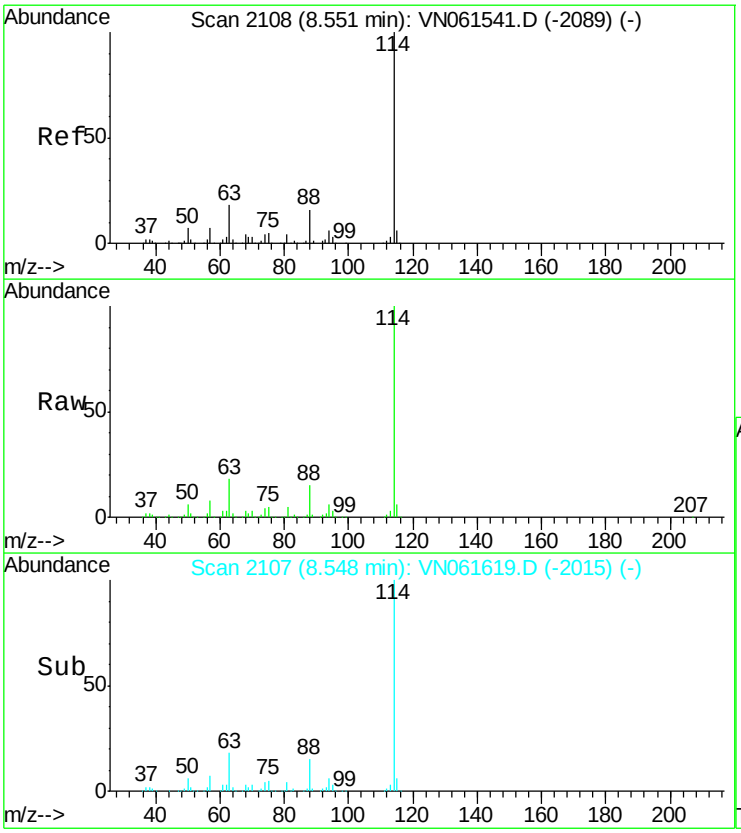
#33
1,2-Dichloroethane-d4
Concen: 48.499 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument : MSVOA_N
ClientSampleId : C0AP7

Tgt Ion: 65 Resp: 185022

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.8

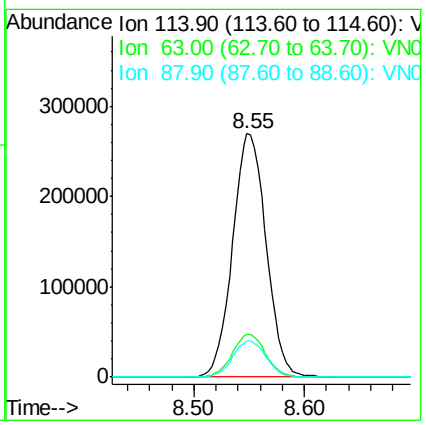


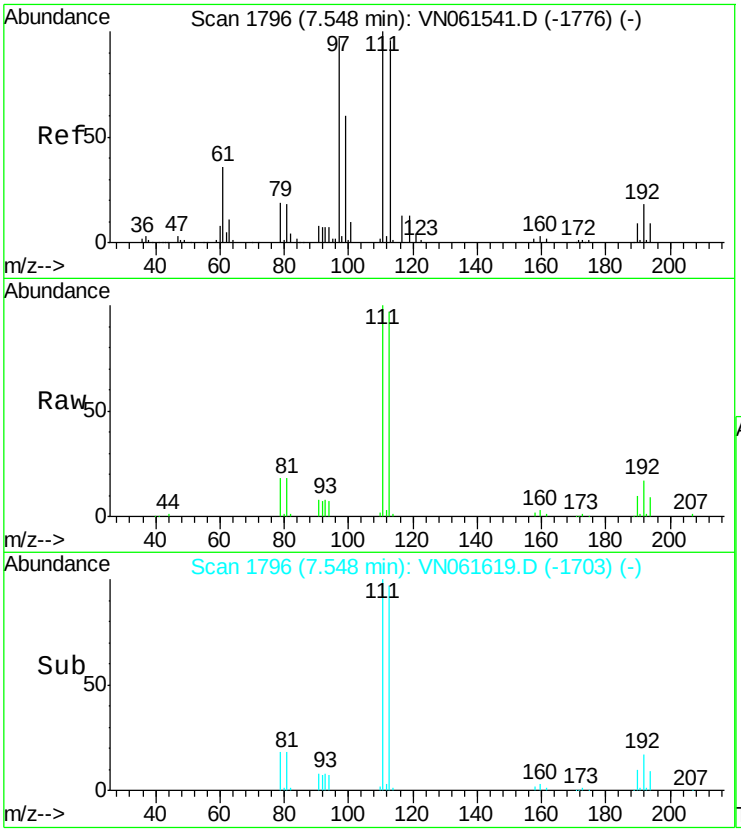


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion:114 Resp: 567745

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.8
88	14.7	0.0	31.0



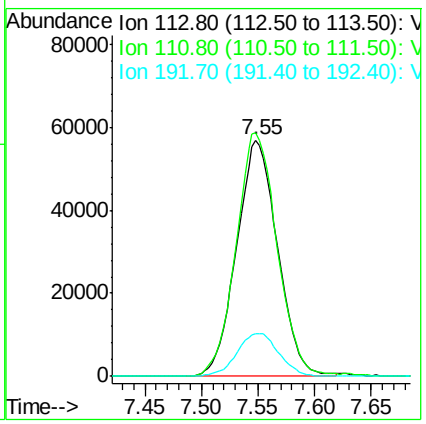


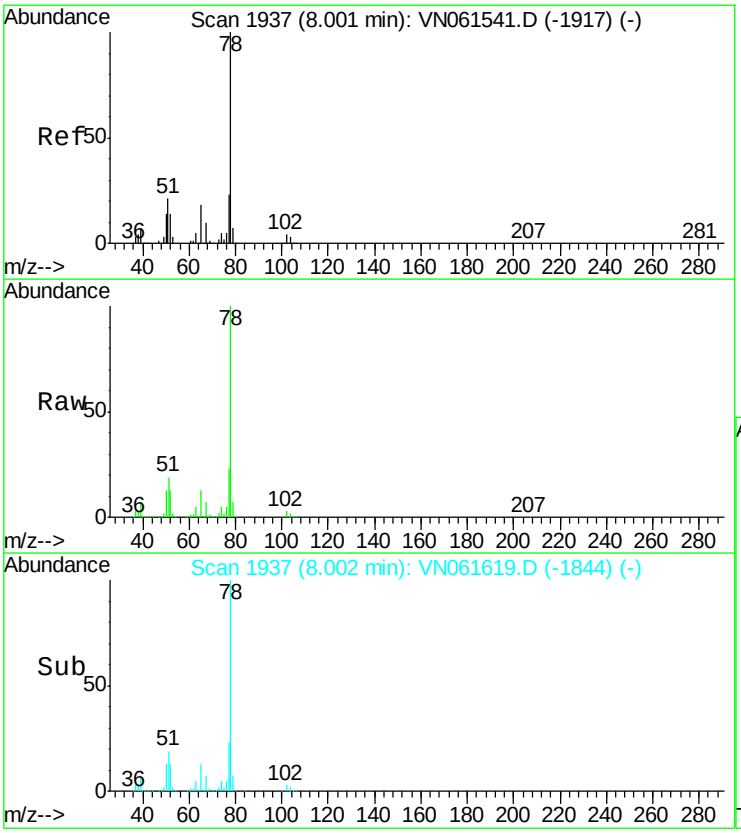
#35
Dibromofluoromethane
Concen: 49.769 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tgt Ion:113 Resp: 143339

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	18.4	15.4	23.2

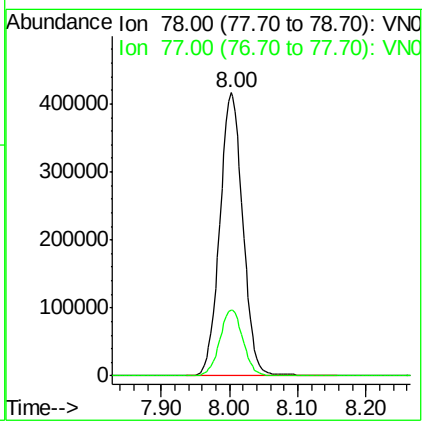


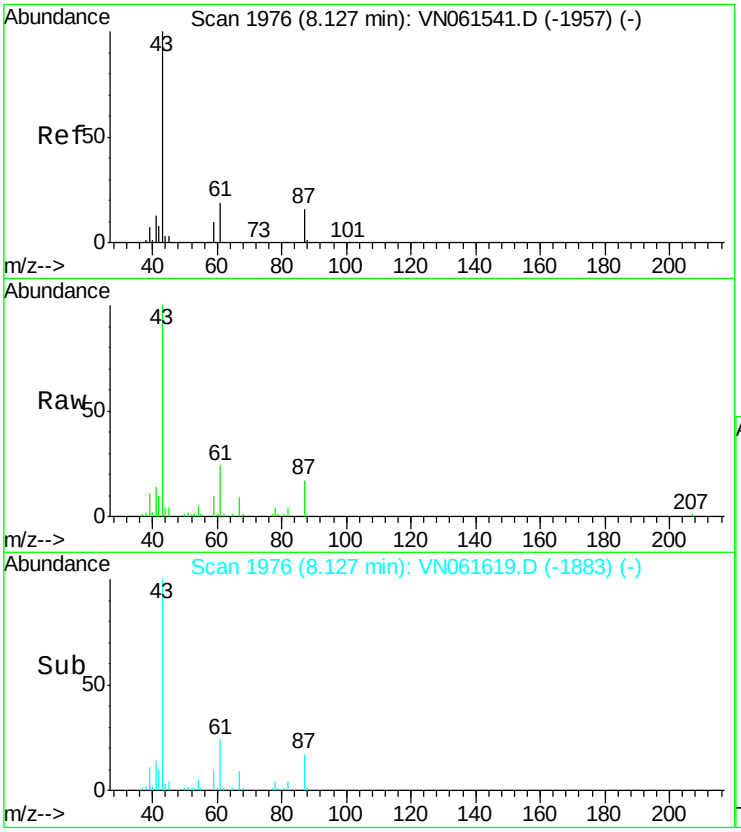


#40
Benzene
Concen: 63.036 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 78 Resp: 977528

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0



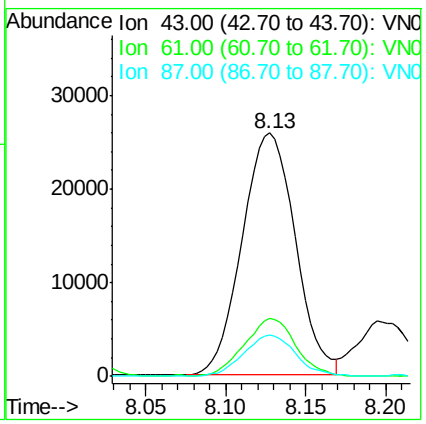


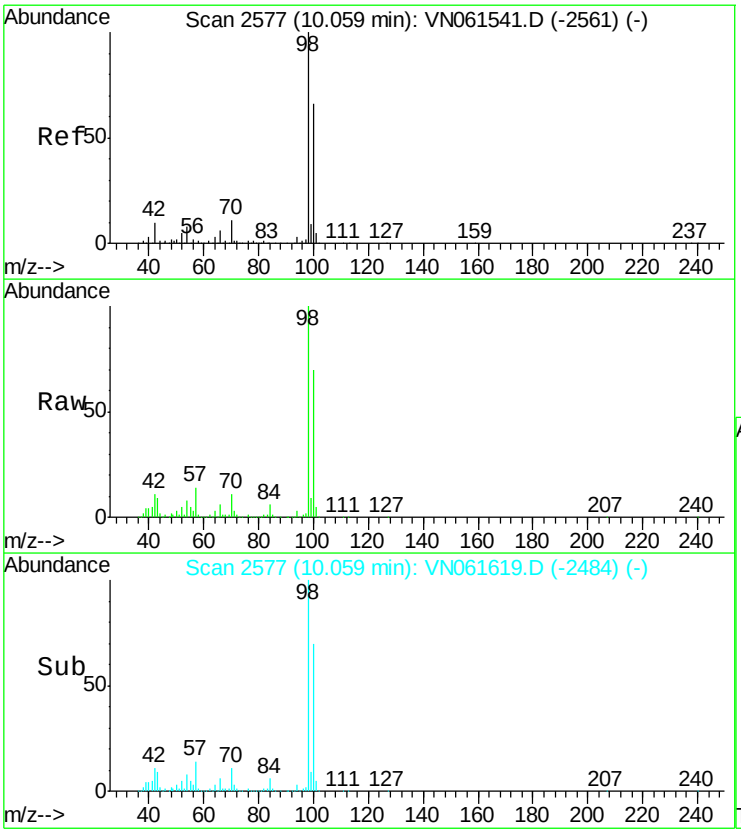
#43
Isopropyl Acetate
Concen: 8.090 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument : MSVOA_N
ClientSampleId : C0AP7

Tgt Ion: 43 Resp: 58922

Ion	Ratio	Lower	Upper
43	100		
61	23.3	23.6	35.4#
87	16.9	13.0	19.6

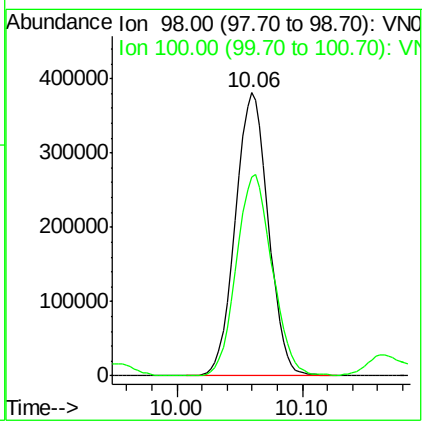


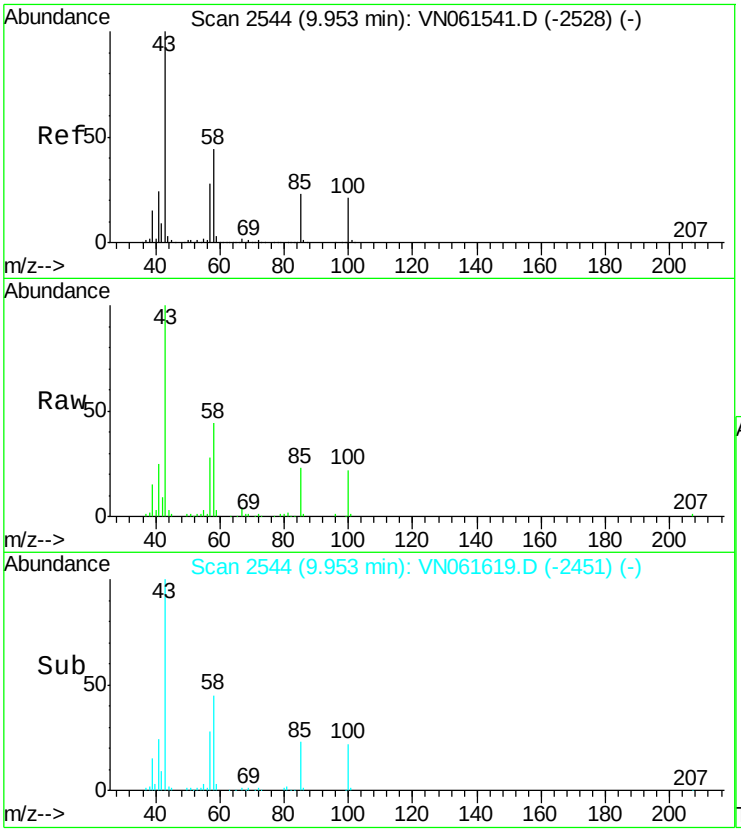


#50
Toluene-d8
Concen: 52.082 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 98 Resp: 695123

Ion	Ratio	Lower	Upper
98	100		
100	77.7	52.8	79.2



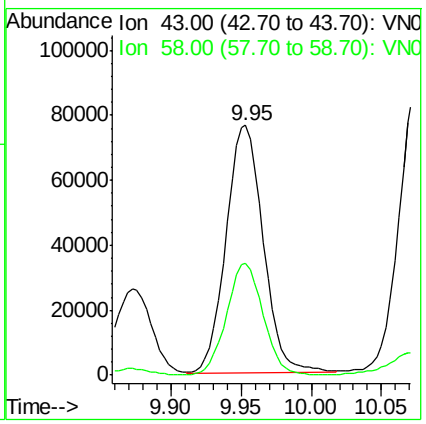


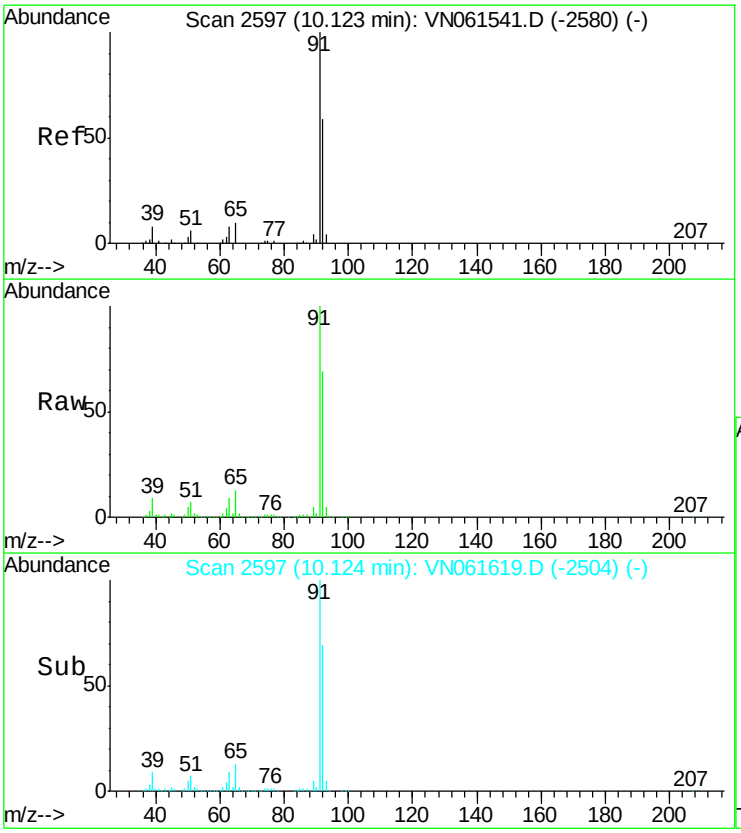
#51
4-Methyl-2-Pentanone
Concen: 34.189 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tgt Ion: 43 Resp: 140316

Ion	Ratio	Lower	Upper
43	100		
58	44.5	35.0	52.6

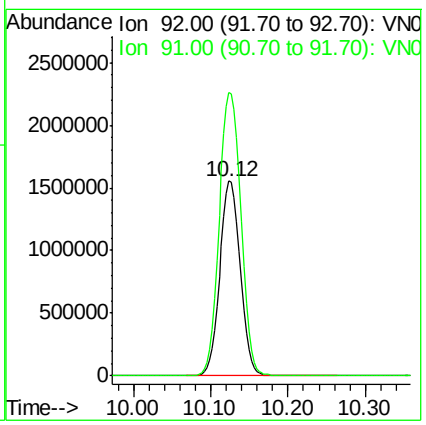


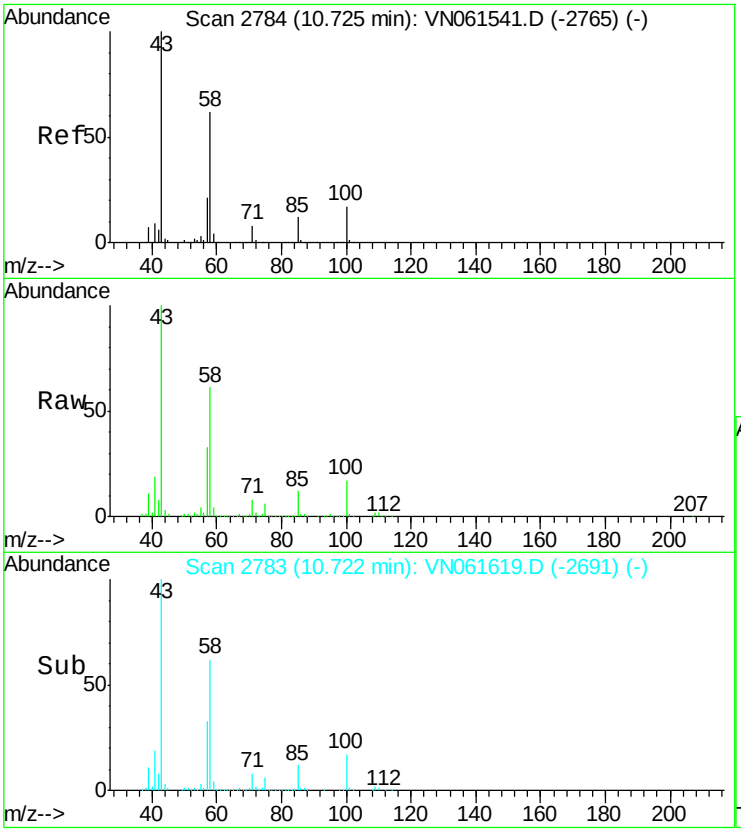


#52
Toluene
Concen: 282.810 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 92 Resp: 2862487

Ion	Ratio	Lower	Upper
92	100		
91	155.3	136.4	204.6



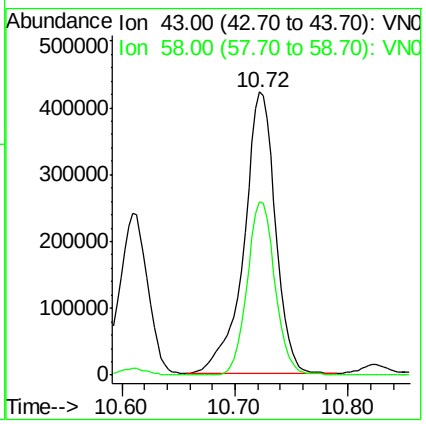


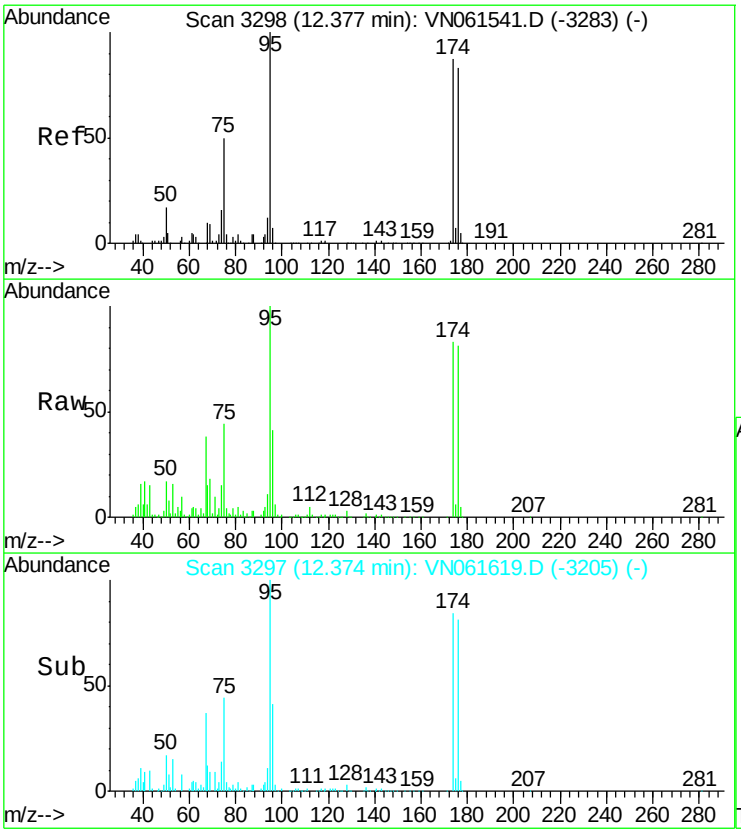
#59
2-Hexanone
Concen: 276.745 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tgt Ion: 43 Resp: 815709

Ion	Ratio	Lower	Upper
43	100		
58	54.5	30.7	92.1

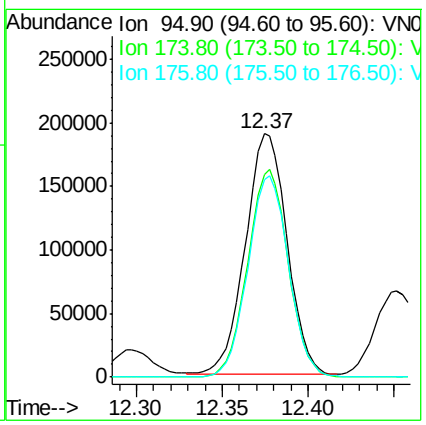


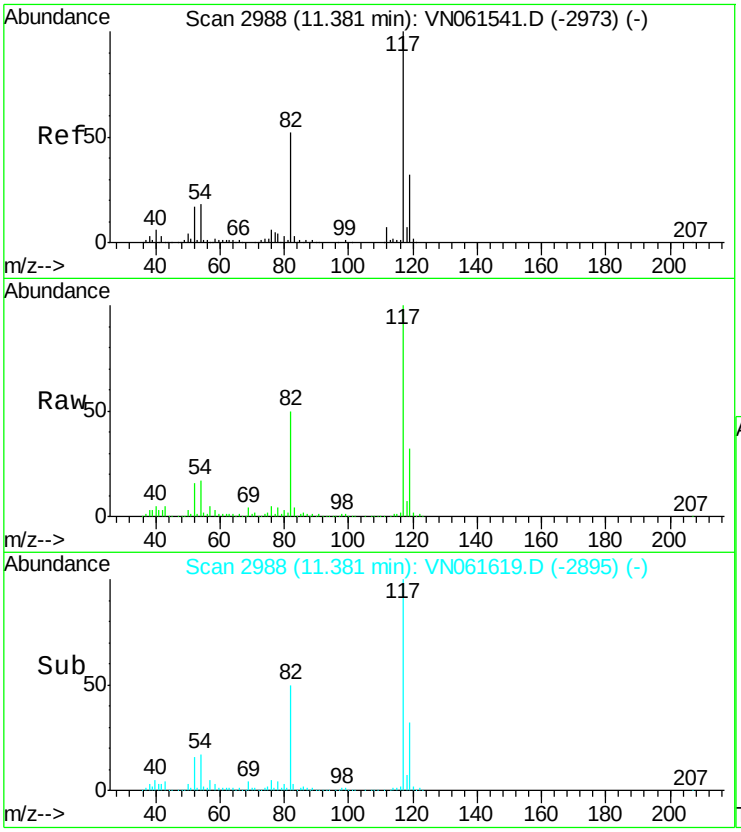


#62
4-Bromofluorobenzene
Concen: 65.592 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 95 Resp: 319386

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	172.8
176	81.5	0.0	164.8



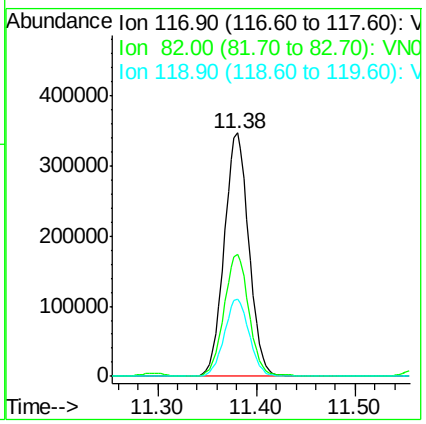


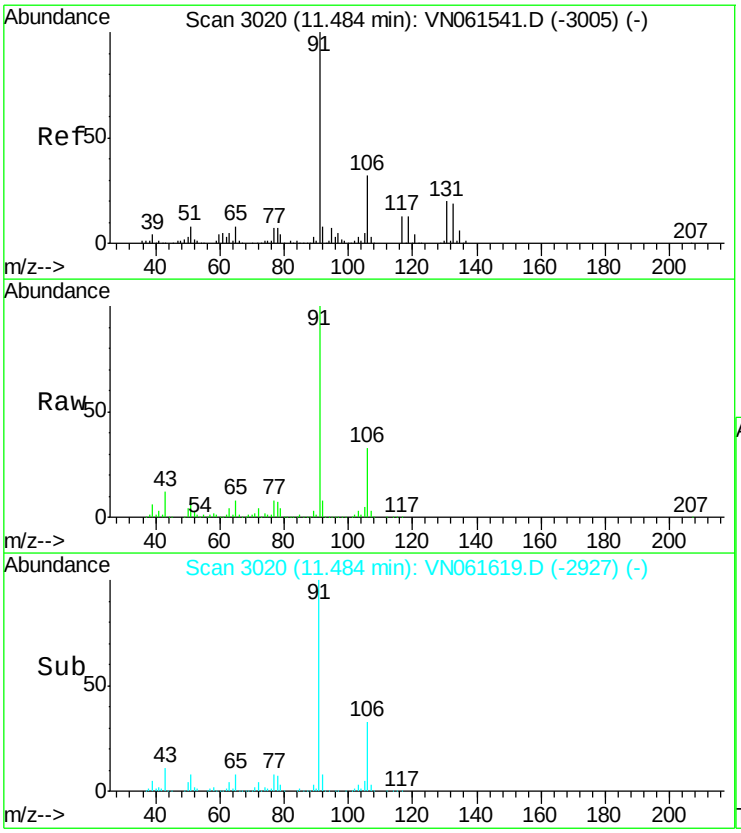
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument : MSVOA_N
ClientSampleId : C0AP7

Tgt Ion:117 Resp: 607478

Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.5	62.3
119	31.7	25.6	38.4

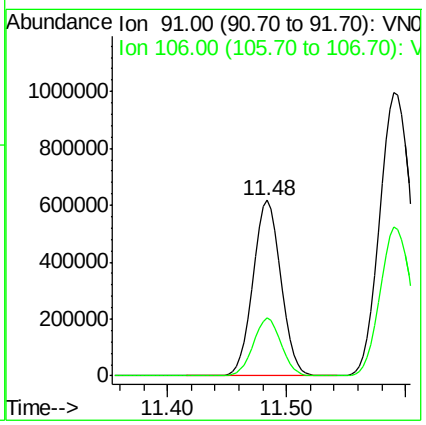


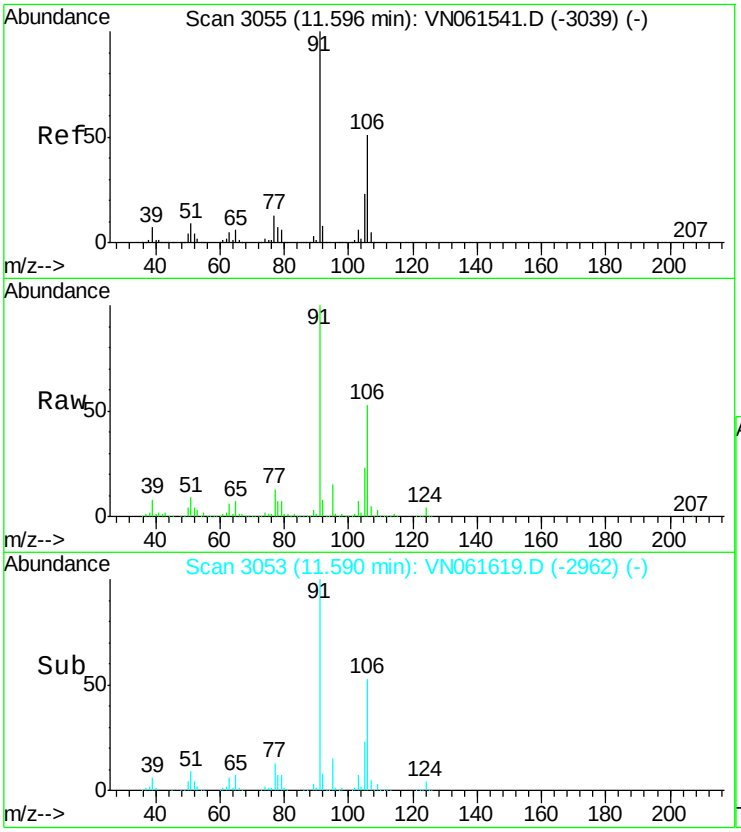


#67
Ethyl Benzene
Concen: 46.075 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 91 Resp: 1005571

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.6	38.4



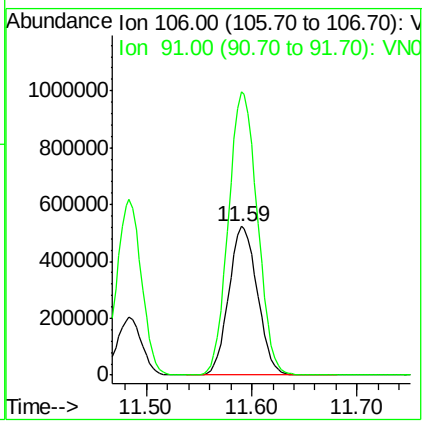


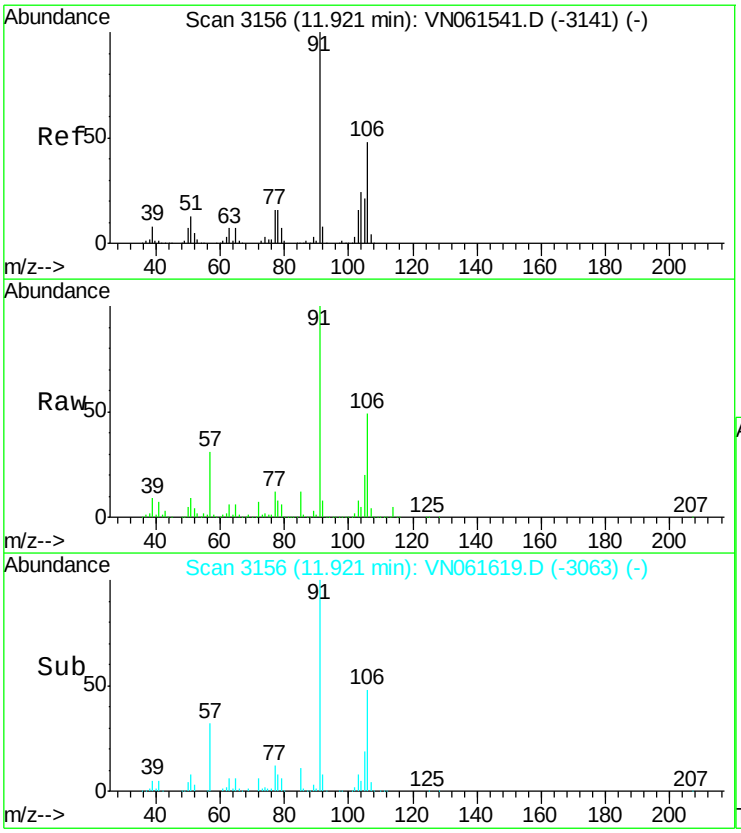
#68
m/p-Xylenes
Concen: 113.163 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.01 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tgt Ion:106 Resp: 979271

Ion	Ratio	Lower	Upper
106	100		
91	193.1	156.2	234.4

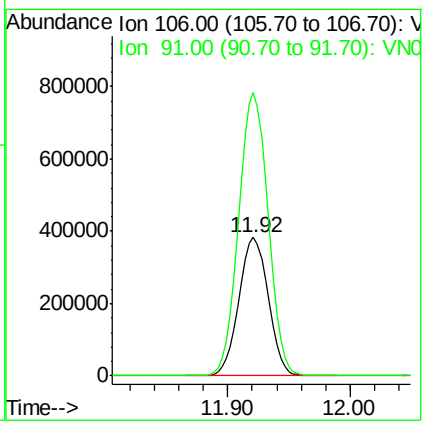


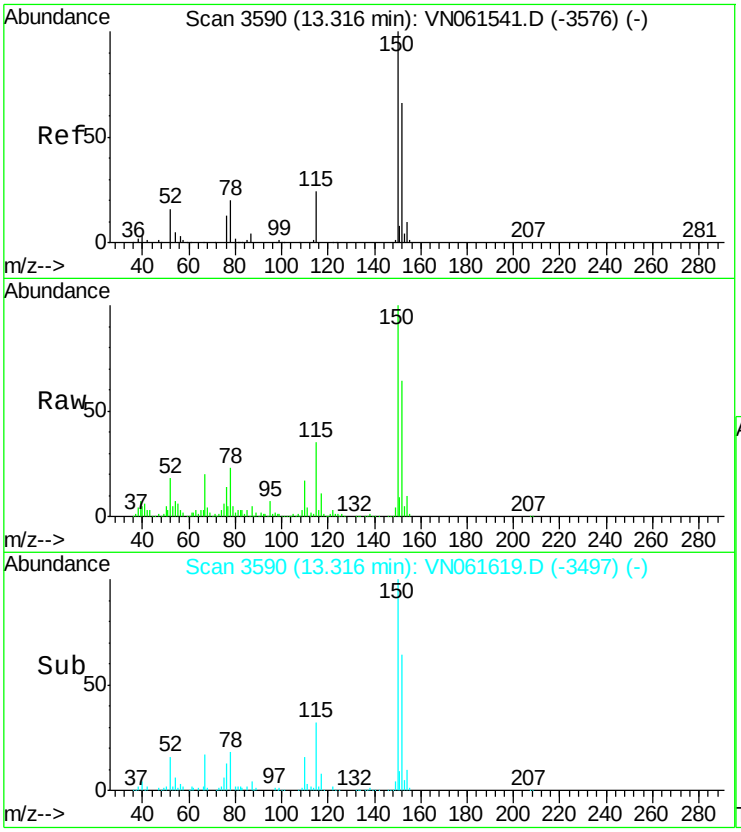


#69
o-Xylene
Concen: 77.408 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion:106 Resp: 636233

Ion	Ratio	Lower	Upper
106	100		
91	204.4	103.3	309.8



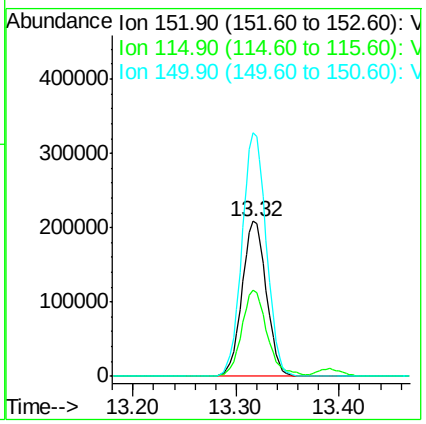


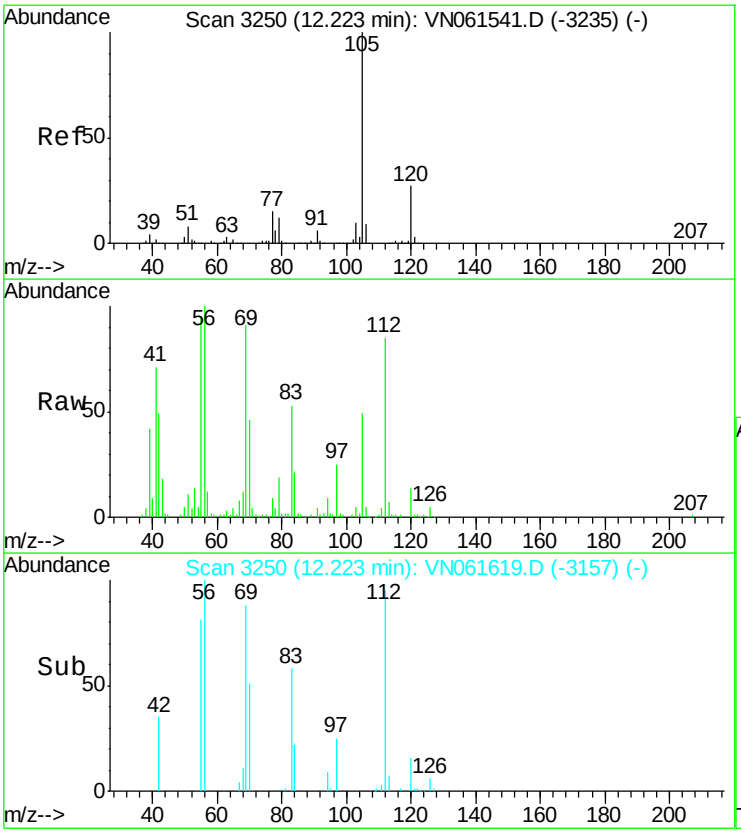
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument : MSVOA_N
ClientSampleId : C0AP7

Tgt Ion:152 Resp: 340878

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.0	84.0
150	157.0	0.0	344.0

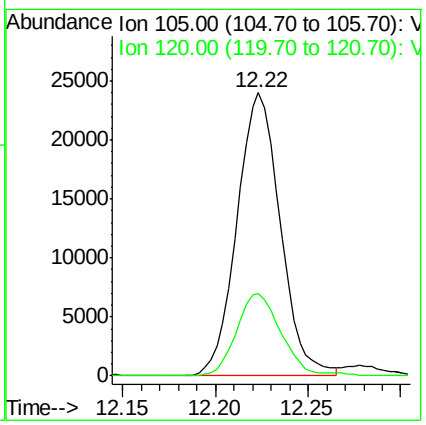


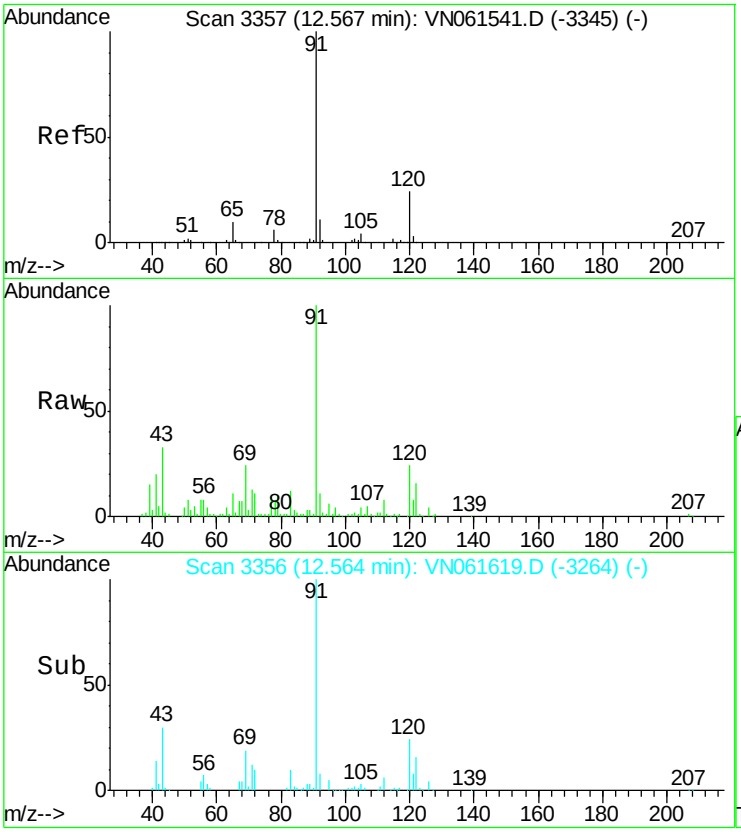


#73
Isopropylbenzene
Concen: 1.566 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion:105 Resp: 38964

Ion	Ratio	Lower	Upper
105	100		
120	29.4	13.8	41.3



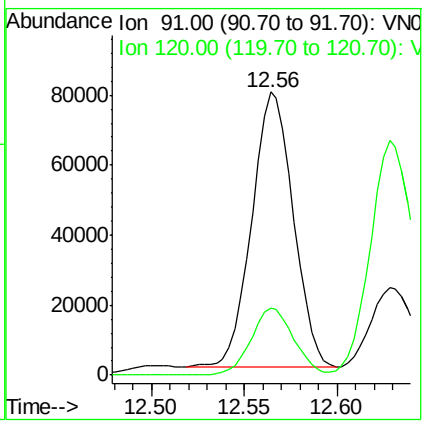


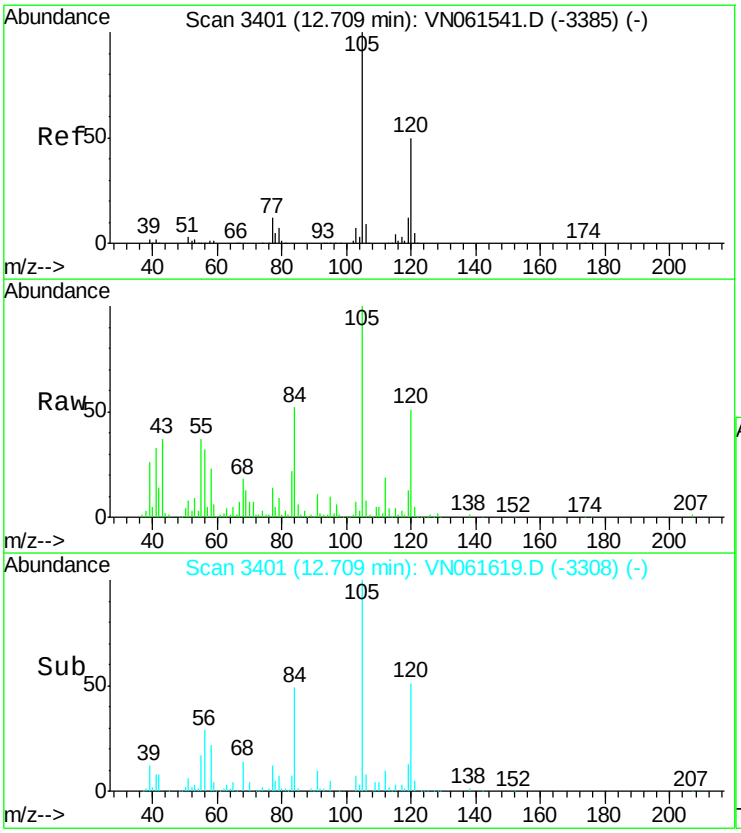
#78
n-propylbenzene
Concen: 4.396 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tgt Ion: 91 Resp: 122098

Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.3	36.9

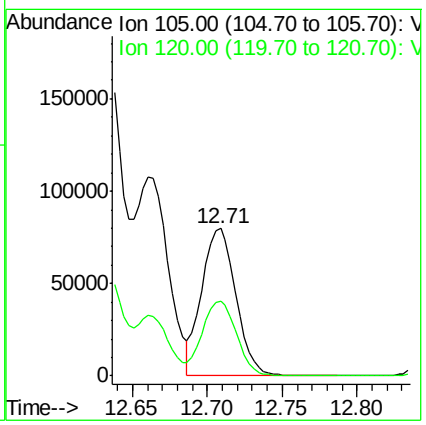


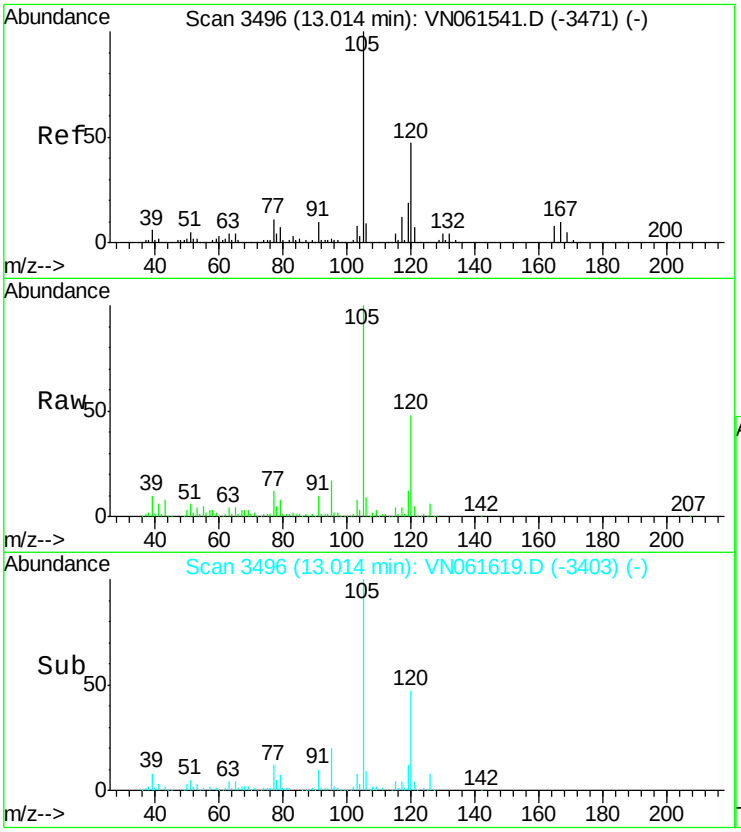


#80
1,3,5-Trimethylbenzene
Concen: 6.124 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion:105 Resp: 127355

Ion	Ratio	Lower	Upper
105	100		
120	51.7	25.1	75.2



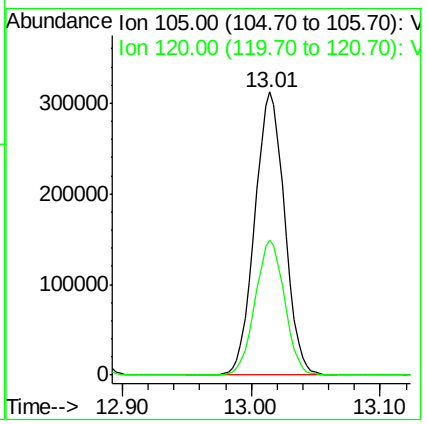


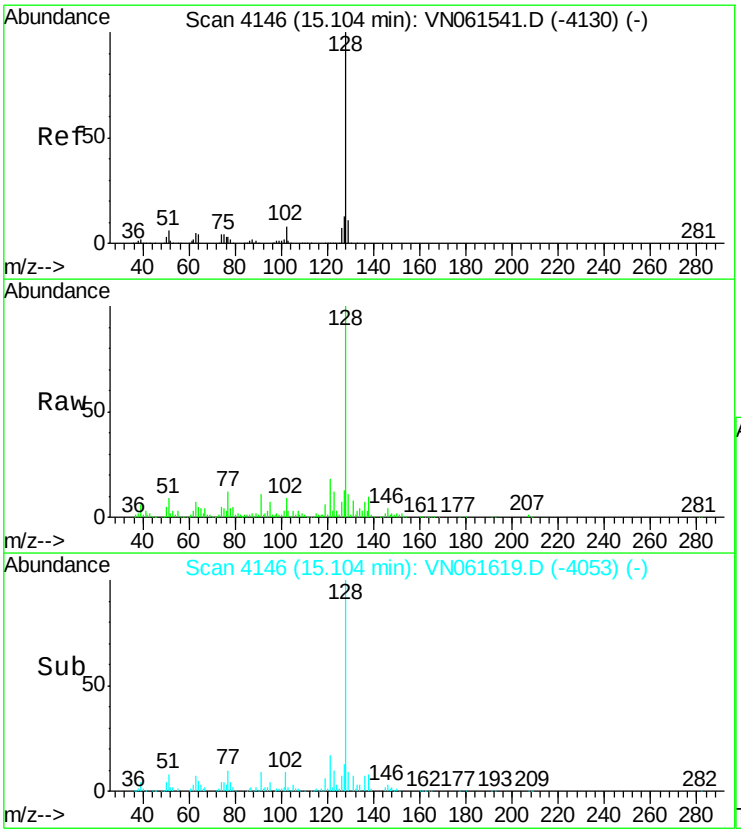
#84
1,2,4-Trimethylbenzene
Concen: 24.359 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tgt Ion:105 Resp: 503209

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.2	69.5





#95
Naphthalene
Concen: 48.481 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion:128 Resp: 927499

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	10.9	8.5	12.7