

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064898.D
 Acq On : 3 Dec 2020 14:35
 Operator : JC/MD
 Sample : L4918-05
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16829

Quant Time: Dec 04 04:01:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	169254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	309911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	155408	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	99106	50.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.74%	
35) Dibromofluoromethane		7.55	113	87966	48.68	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.36%	
50) Toluene-d8		10.06	98	372838	50.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.00%	
62) 4-Bromofluorobenzene		12.37	95	155552	58.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.74%	

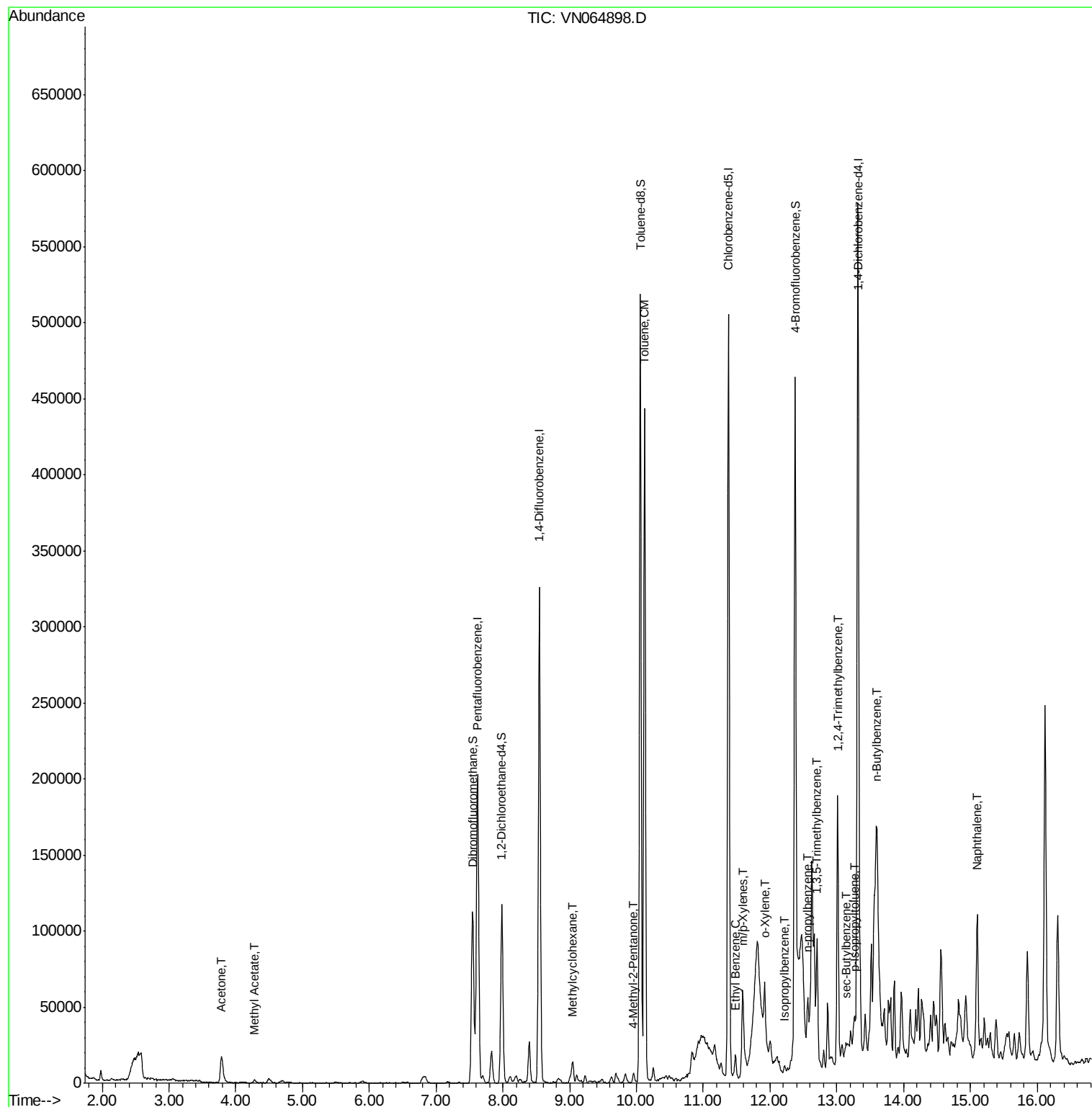
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	33546	51.862	ug/l	93
18) Methyl Acetate	4.28	43	3492	1.796	ug/l #	71
39) Methylcyclohexane	9.04	83	5459	1.812	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	4820	1.850	ug/l	99
52) Toluene	10.12	92	198177	37.515	ug/l	100
67) Ethyl Benzene	11.48	91	9924	0.893	ug/l	99
68) m/p-Xylenes	11.59	106	17788	4.226	ug/l	97
69) o-Xylene	11.92	106	9436	2.362	ug/l	94
73) Isopropylbenzene	12.23	105	3029	0.280	ug/l	79
78) n-propylbenzene	12.56	91	21613	1.755	ug/l	97
80) 1,3,5-Trimethylbenzene	12.70	105	29125	3.242	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	104388	11.491	ug/l	97
85) sec-Butylbenzene	13.14	105	3797	0.380	ug/l	99
86) p-Isopropyltoluene	13.26	119	3704	0.407	ug/l	95
89) n-Butylbenzene	13.59	91	21005	2.627	ug/l #	61
95) Naphthalene	15.10	128	76874	8.159	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120320\
Data File : VN064898.D
Acq On : 3 Dec 2020 14:35
Operator : JC/MD
Sample : L4918-05
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
16829

Quant Time: Dec 04 04:01:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064898.D

Acq: 3 Dec 2020 14:35

Instrument :

MSVOA_N

ClientSampled :

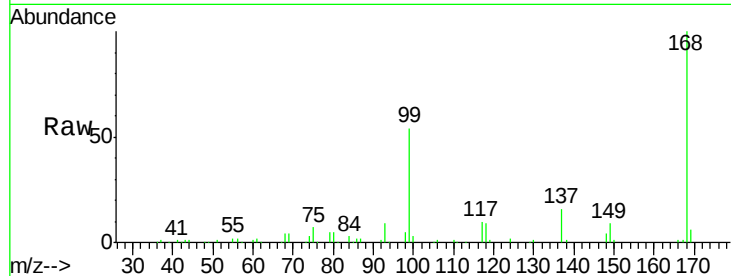
16829

Tot Ion:168 Resp: 169254

Ion Ratio Lower Upper

168 100

99 54.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

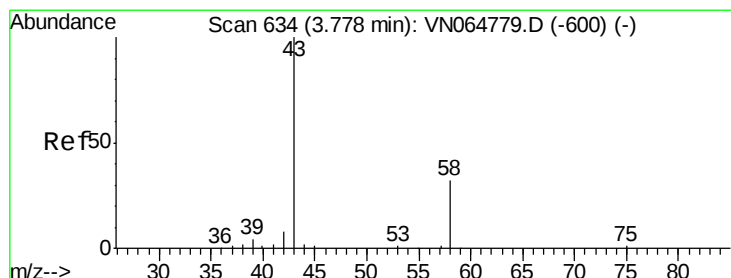
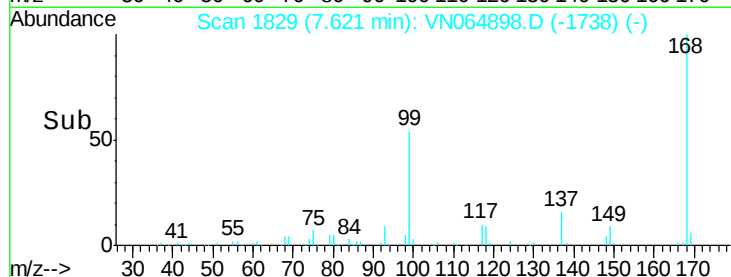
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 51.862 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064898.D

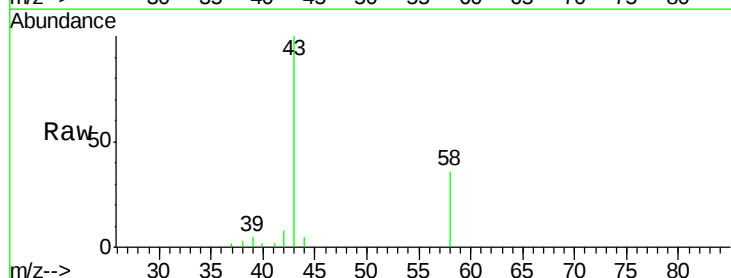
Acq: 3 Dec 2020 14:35

Tgt Ion: 43 Resp: 33546

Ion Ratio Lower Upper

43 100

58 35.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

12000

10000

8000

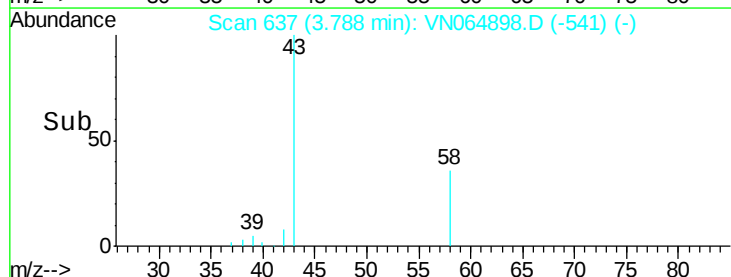
6000

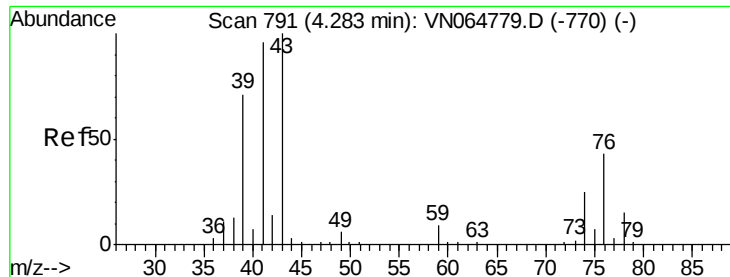
4000

2000

0

Time--> 3.70 3.80 3.90

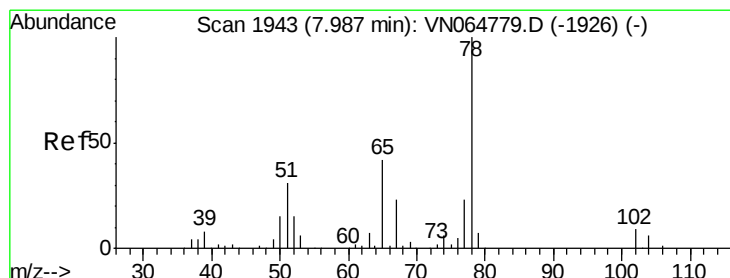
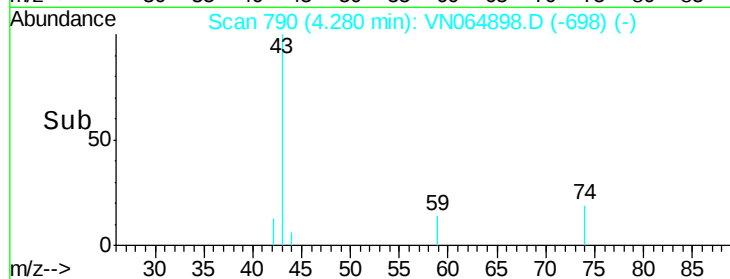
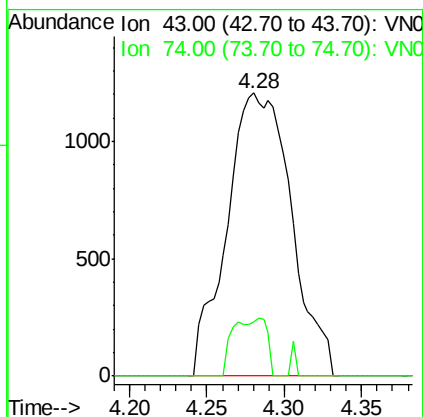
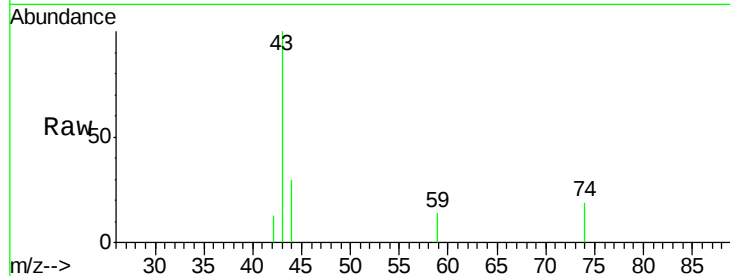




#18
Methvl Acetate
Concen: 1.796 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

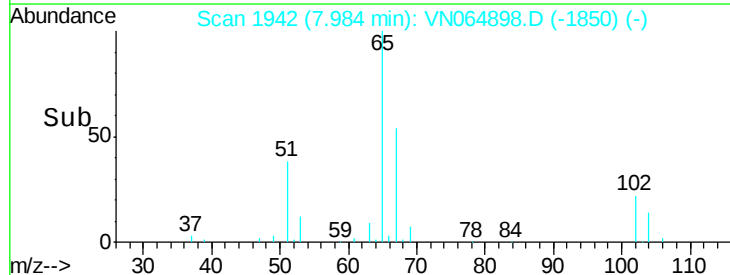
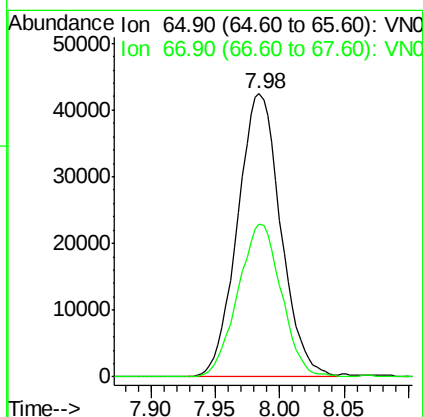
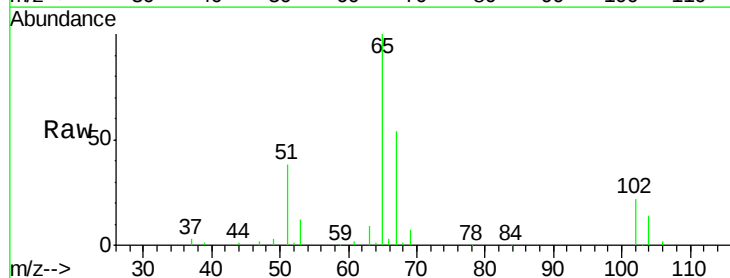
Instrument :
MSVOA_N
ClientSampled :
16829

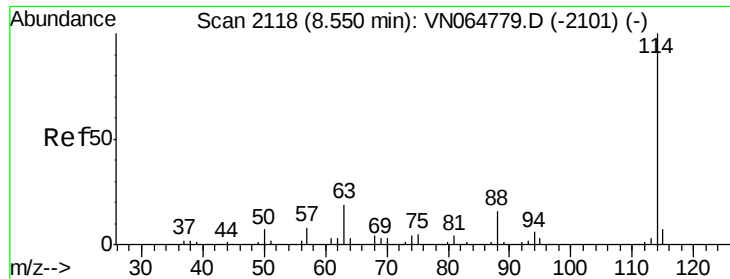
Tot Ion: 43 Resp: 3492
Ion Ratio Lower Upper
43 100
74 10.8 20.2 30.2#



#33
1,2-Dichloroethane-d4
Concen: 50.367 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

Tgt Ion: 65 Resp: 99106
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.2

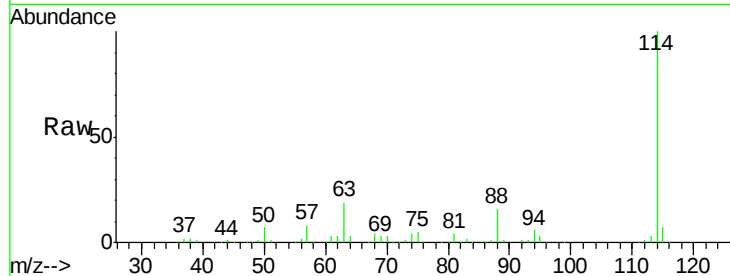




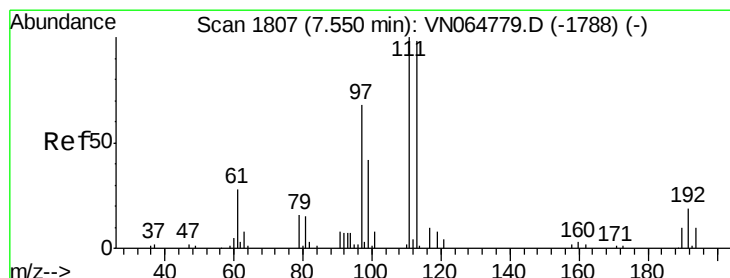
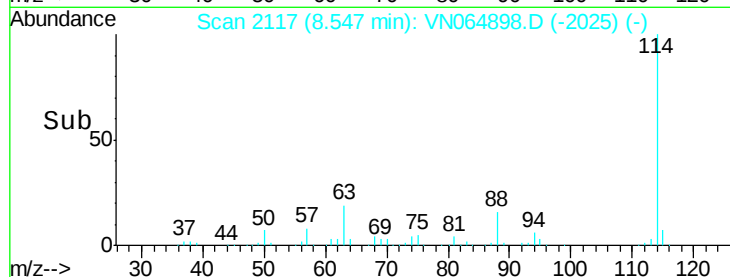
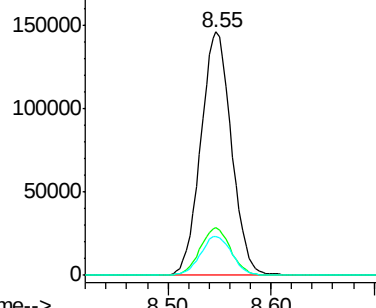
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

Instrument :
MSVOA_N
ClientSampleId :
16829

Tot Ion:114 Resp: 302003
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 16.0 0.0 32.6

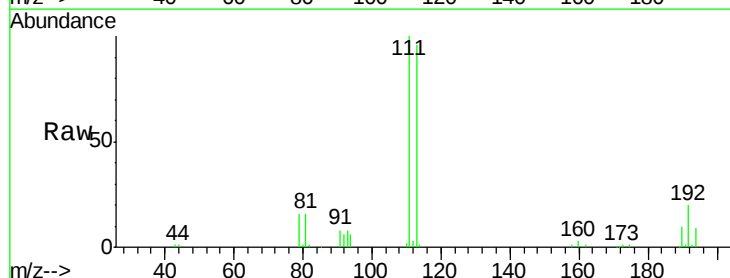


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

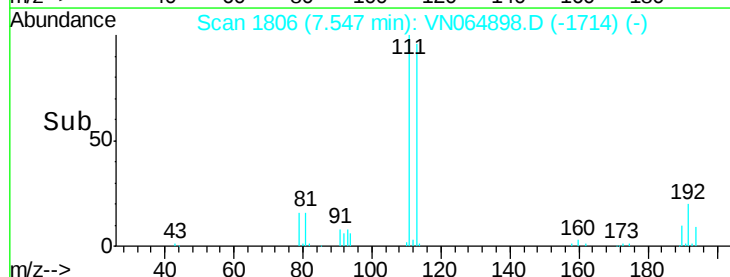
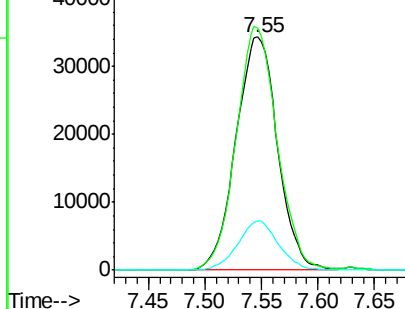


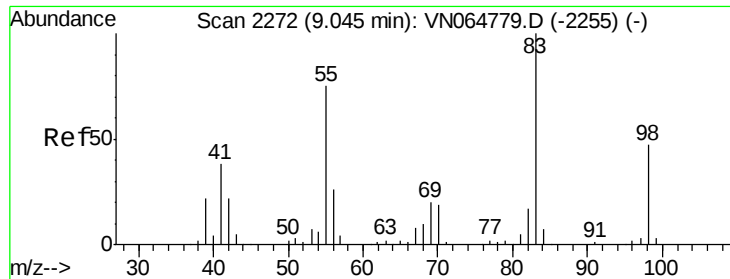
#35
Dibromofluoromethane
Concen: 48.678 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

Tgt Ion:113 Resp: 87966
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 20.3 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

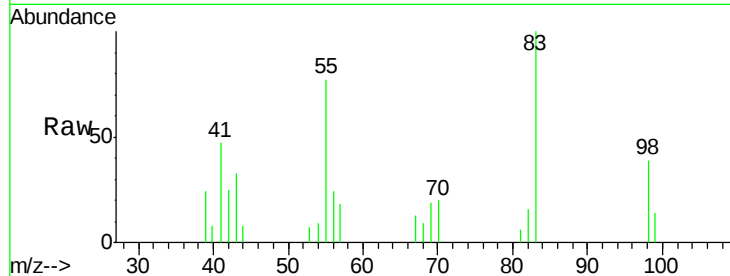




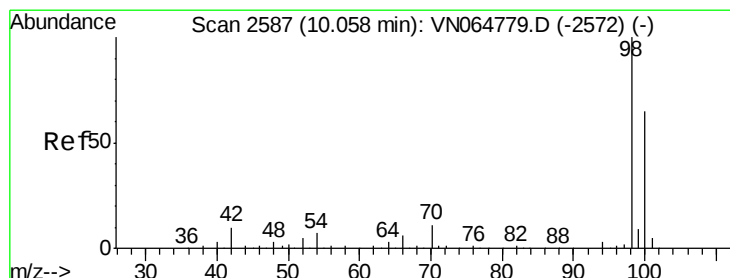
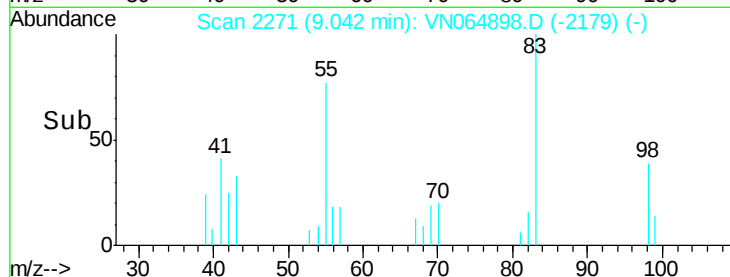
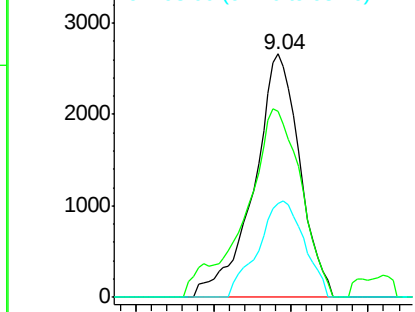
#39
Methvlcvclohexane
Concen: 1.812 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

Instrument :
MSVOA_N
ClientSampleId :
16829

Tot Ion: 83 Resp: 5459
Ion Ratio Lower Upper
83 100
55 76.6 60.2 90.2
98 38.8 37.4 56.2

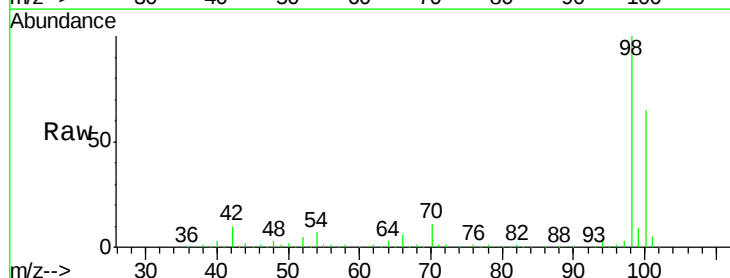


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

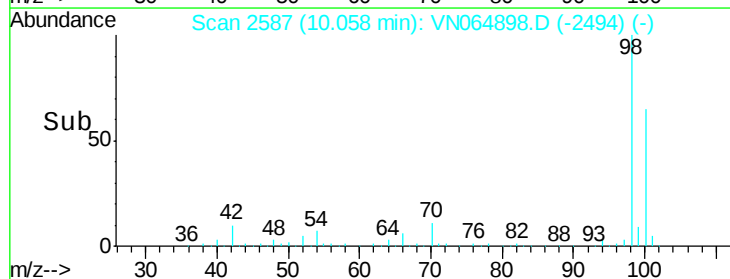
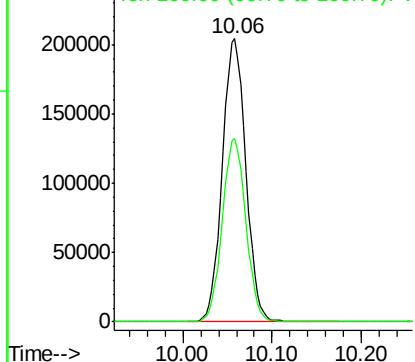


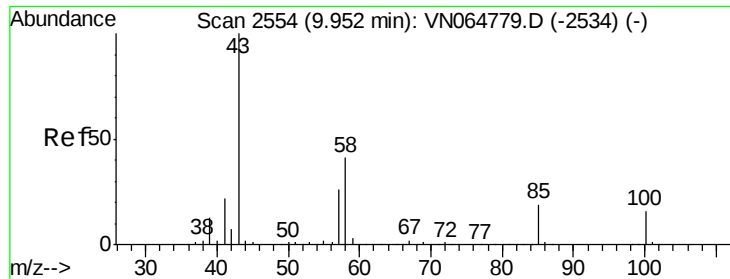
#50
Toluene-d8
Concen: 50.495 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

Tgt Ion: 98 Resp: 372838
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.850 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064898.D

Acq: 3 Dec 2020 14:35

Instrument :

MSVOA_N

ClientSampled :

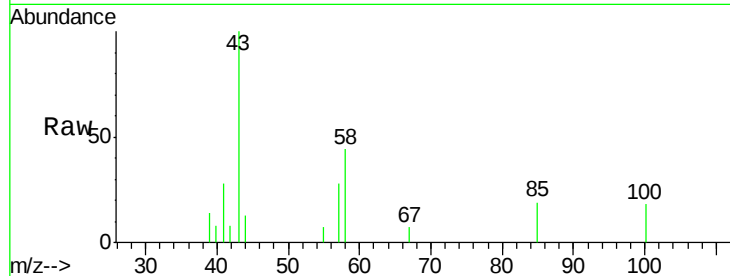
16829

Tot Ion: 43 Resp: 4820

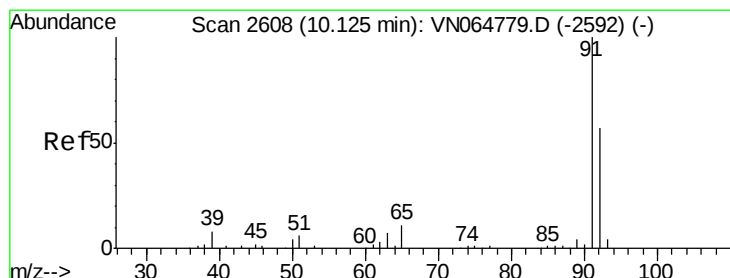
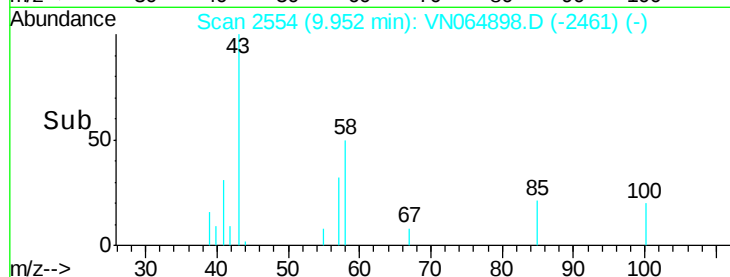
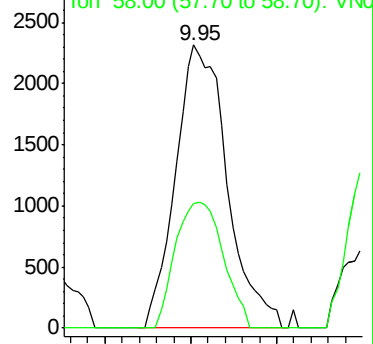
Ion Ratio Lower Upper

43 100

58 41.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)



#52

Toluene

Concen: 37.515 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064898.D

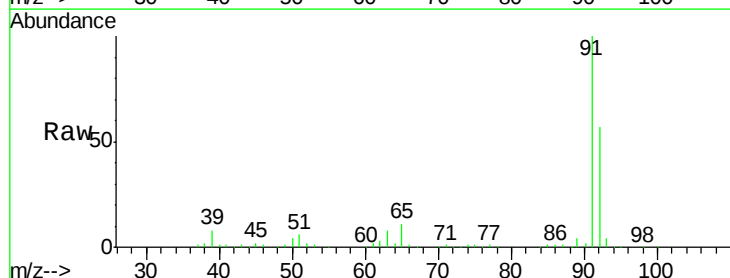
Acq: 3 Dec 2020 14:35

Tgt Ion: 92 Resp: 198177

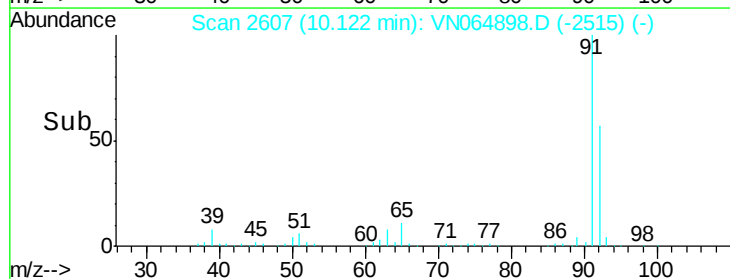
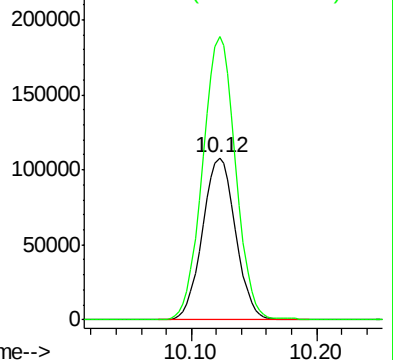
Ion Ratio Lower Upper

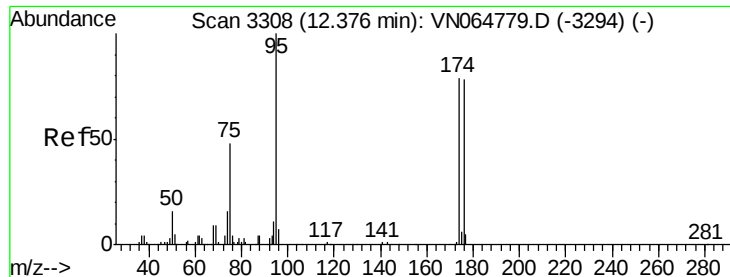
92 100

91 173.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

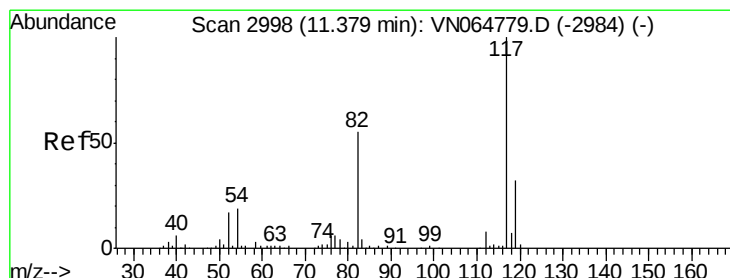
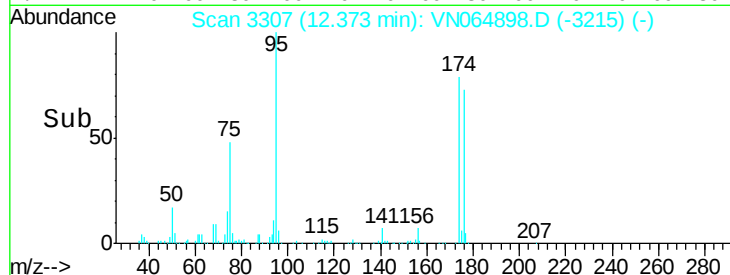
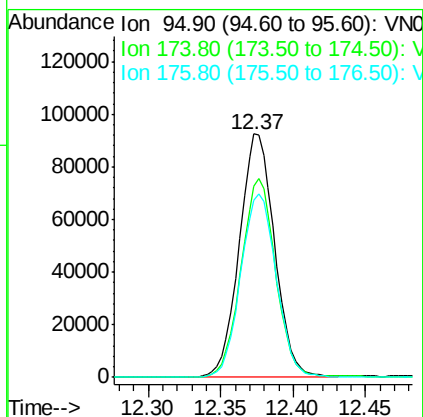
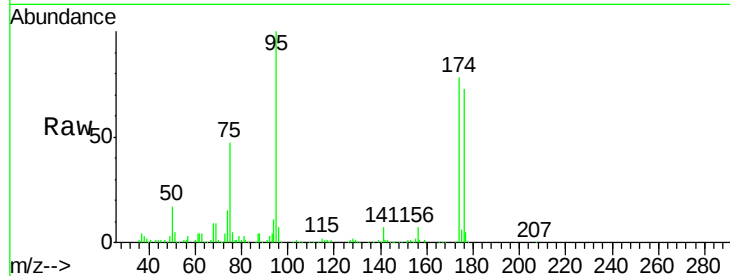




#62
4-Bromofluorobenzene
Concen: 58.866 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

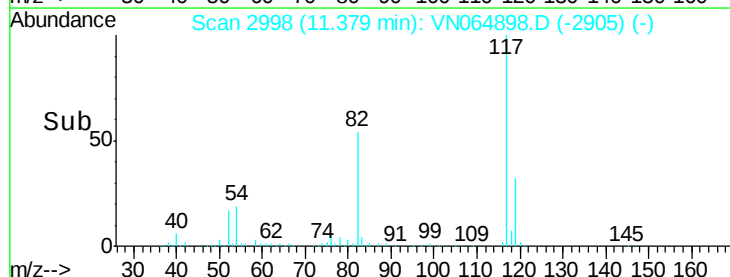
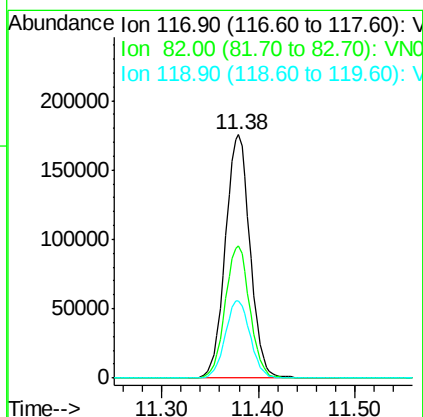
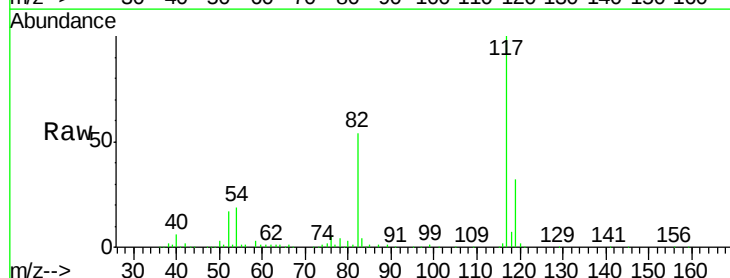
Instrument :
MSVOA_N
ClientSampleId :
16829

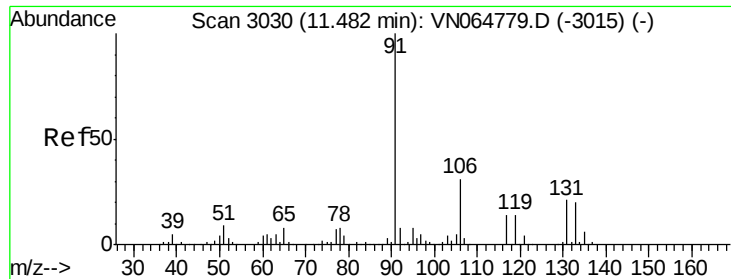
Tot Ion: 95 Resp: 155552
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.4
176 76.6 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

Tgt Ion: 117 Resp: 309911
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.6 25.8 38.6

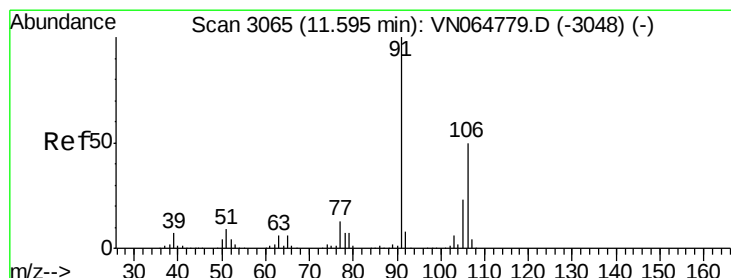
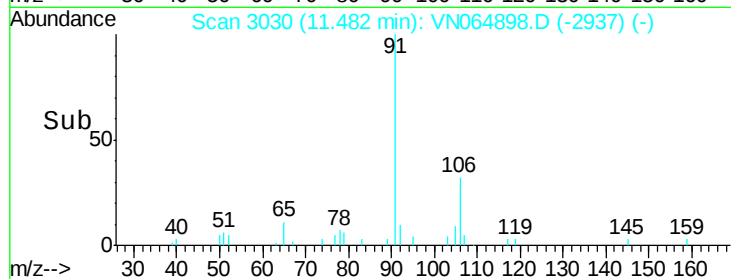
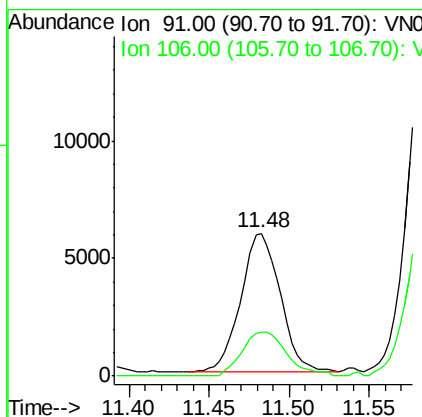
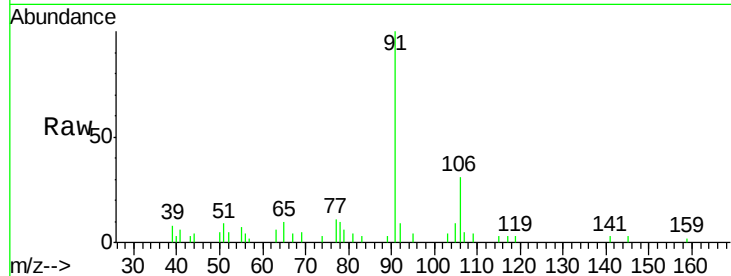




#67
Ethyl Benzene
Concen: 0.893 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

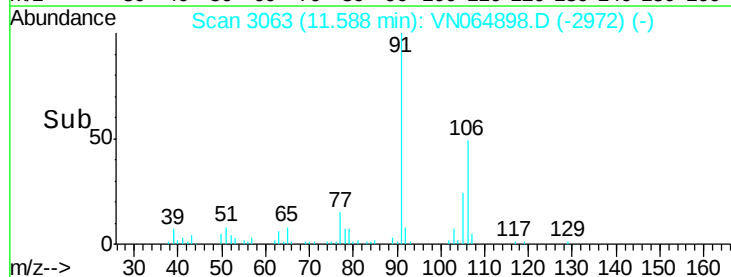
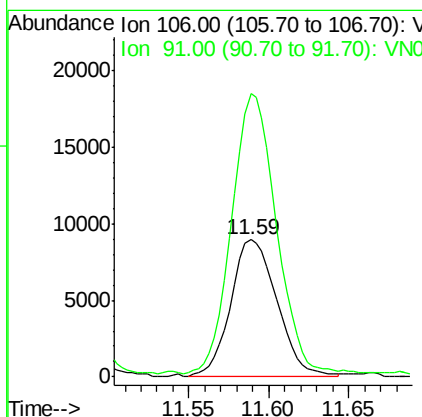
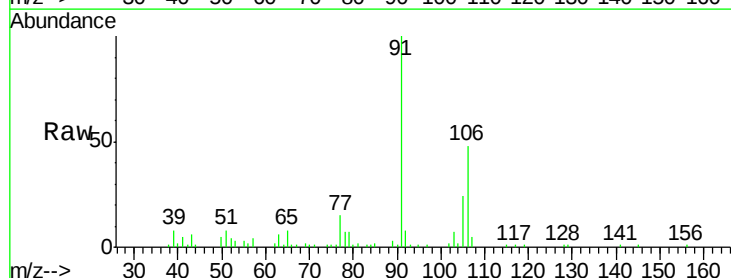
Instrument :
MSVOA_N
ClientSampled :
16829

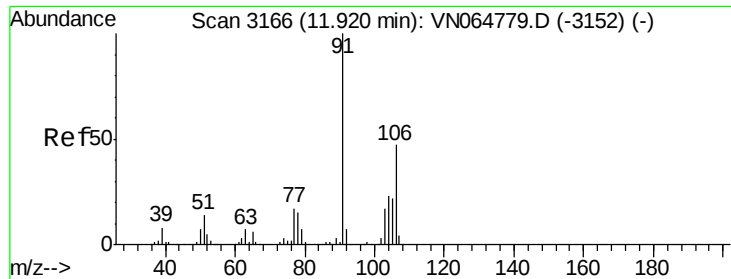
Tot Ion: 91 Resp: 9924
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#68
m/p-Xylenes
Concen: 4.226 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

Tgt Ion: 106 Resp: 17788
Ion Ratio Lower Upper
106 100
91 196.2 161.0 241.4

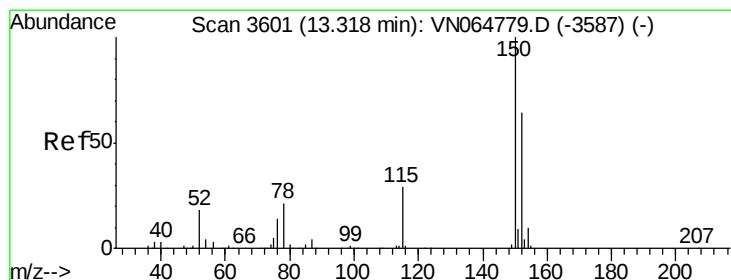
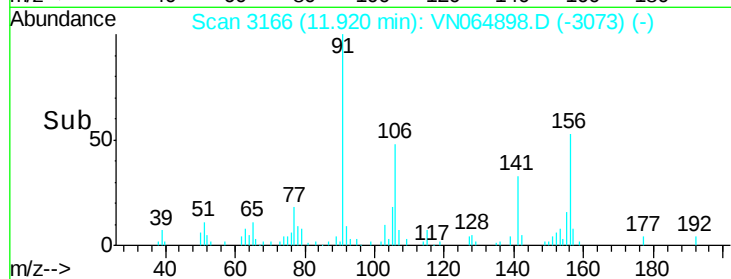
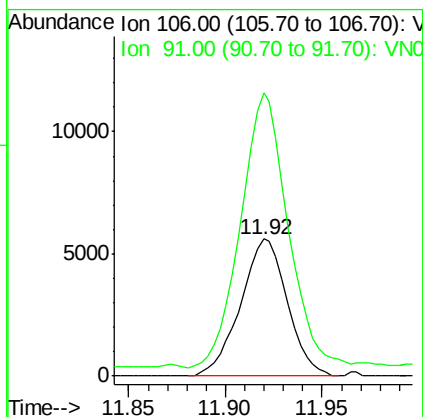
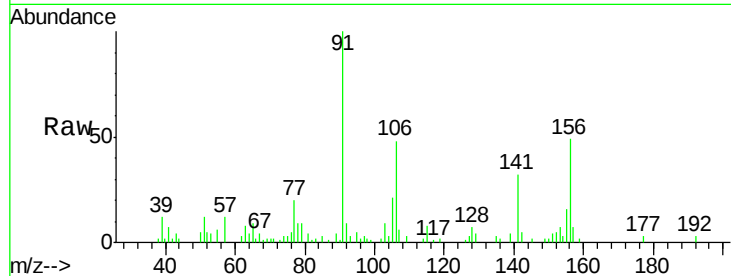




#69
o-Xylene
Concen: 2.362 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

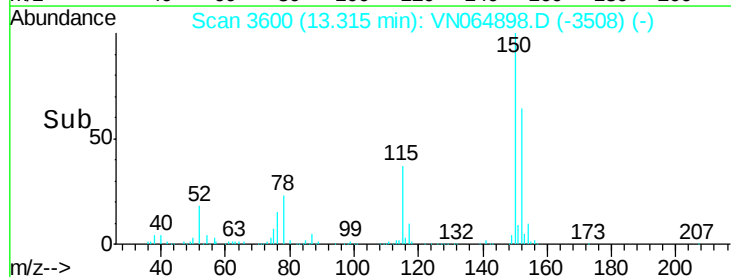
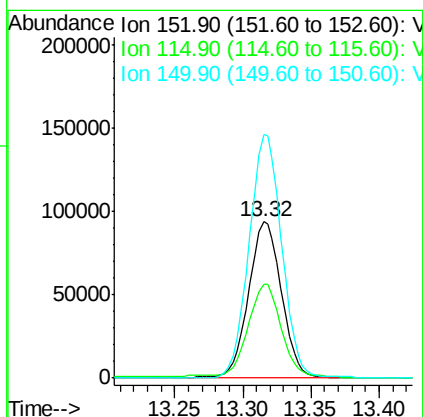
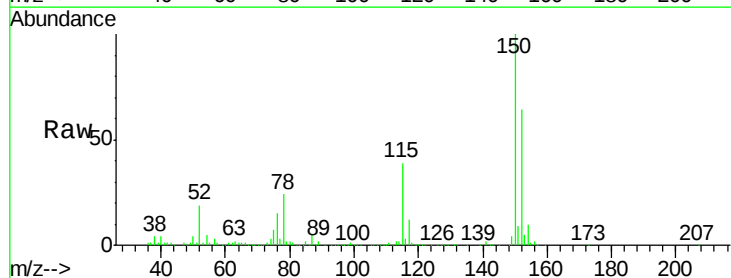
Instrument :
MSVOA_N
ClientSampled :
16829

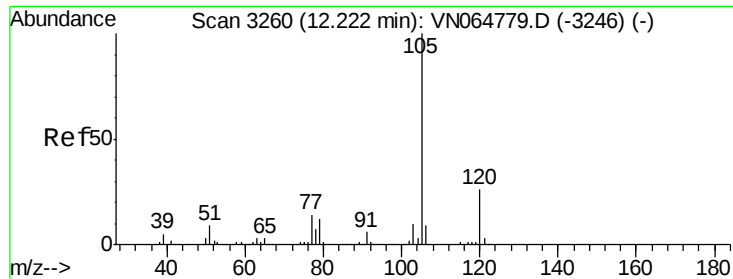
Tot Ion:106 Resp: 9436
Ion Ratio Lower Upper
106 100
91 201.8 105.5 316.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064898.D
Acq: 3 Dec 2020 14:35

Tgt Ion:152 Resp: 155408
Ion Ratio Lower Upper
152 100
115 60.8 29.7 89.1
150 157.3 0.0 350.6





#73

Isopropylbenzene

Concen: 0.280 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064898.D

Acq: 3 Dec 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

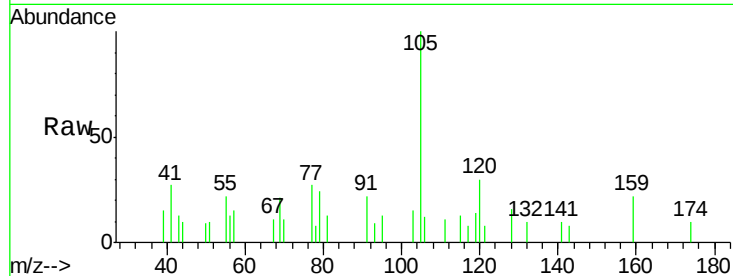
16829

Tot Ion:105 Resp: 3029

Ion Ratio Lower Upper

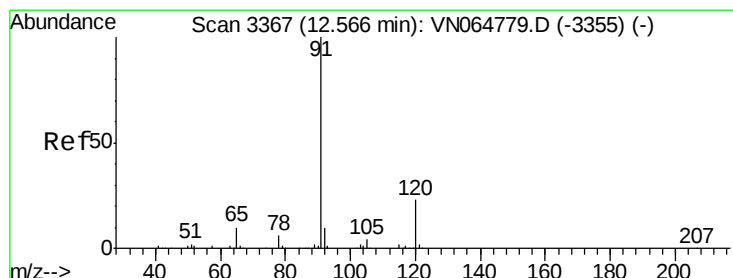
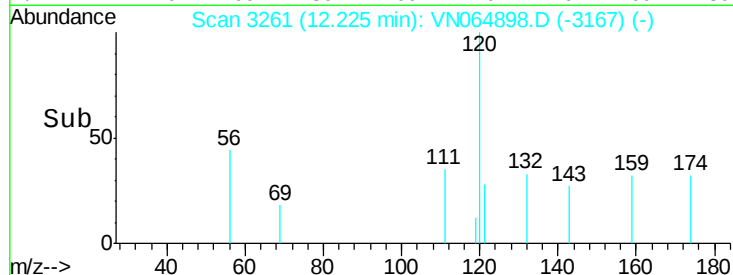
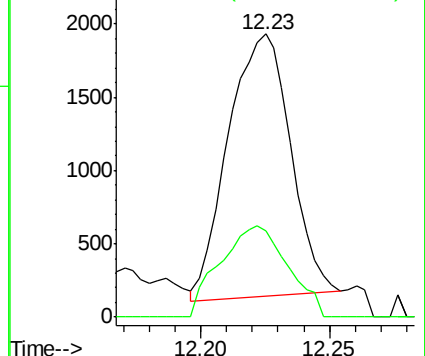
105 100

120 37.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.755 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064898.D

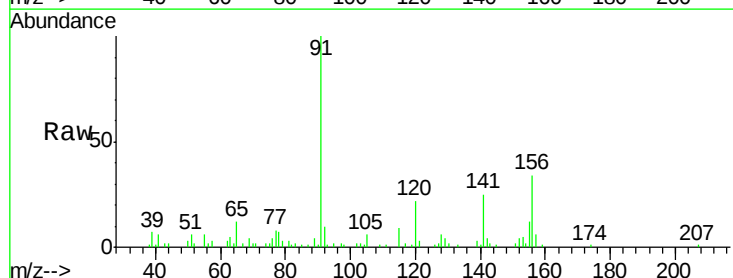
Acq: 3 Dec 2020 14:35

Tgt Ion: 91 Resp: 21613

Ion Ratio Lower Upper

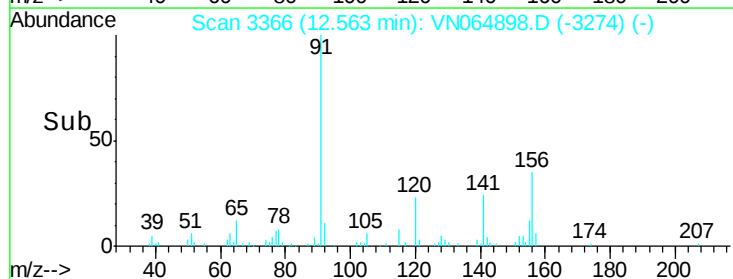
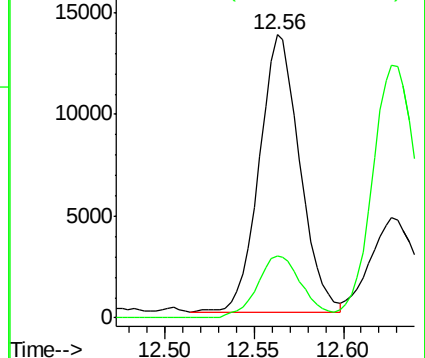
91 100

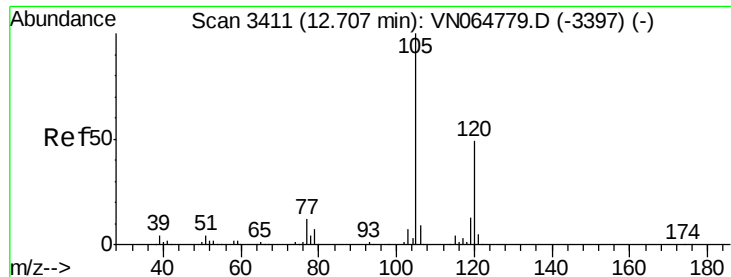
120 24.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

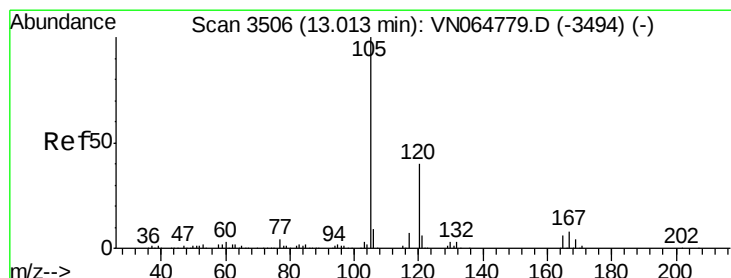
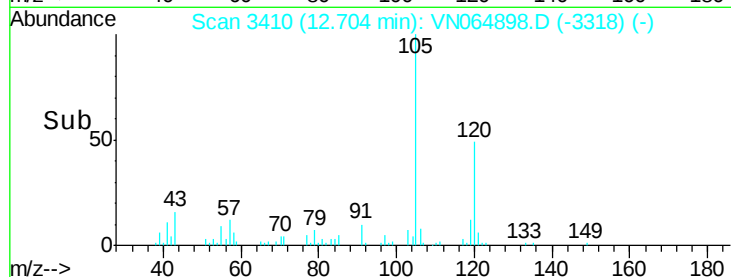
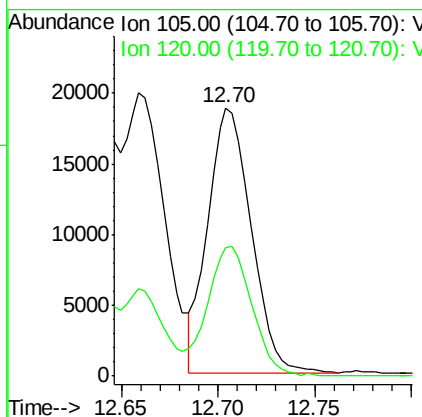
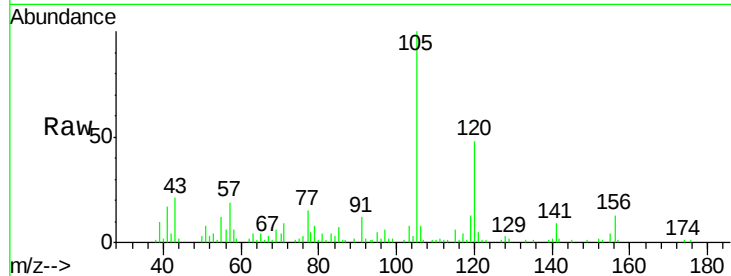




#80
 1,3,5-Trimethylbenzene
 Concen: 3.242 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064898.D
 Acq: 3 Dec 2020 14:35

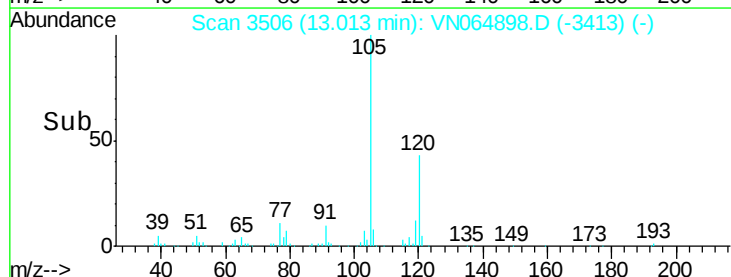
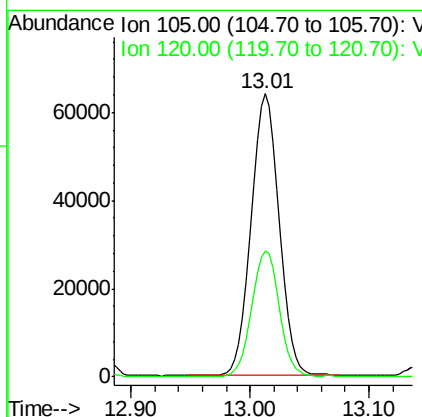
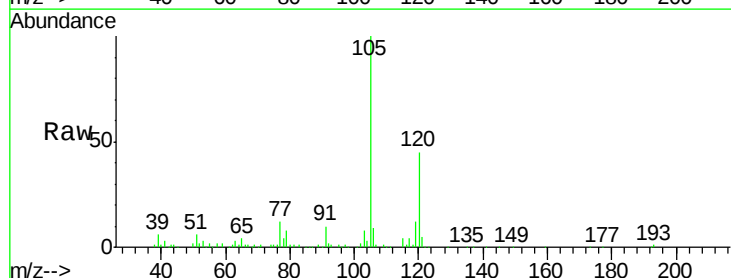
Instrument :
 MSVOA_N
 ClientSampled :
 16829

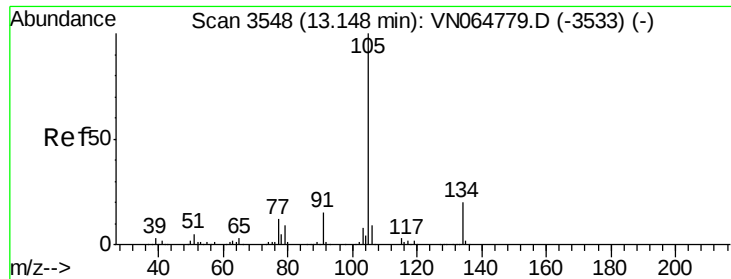
Tot Ion:105 Resp: 29125
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 73.6



#84
 1,2,4-Trimethylbenzene
 Concen: 11.491 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064898.D
 Acq: 3 Dec 2020 14:35

Tgt Ion:105 Resp: 104388
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 0.380 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064898.D

Acq: 3 Dec 2020 14:35

Instrument :

MSVOA_N

ClientSampled :

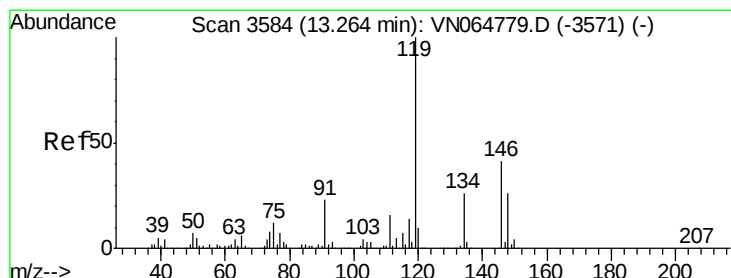
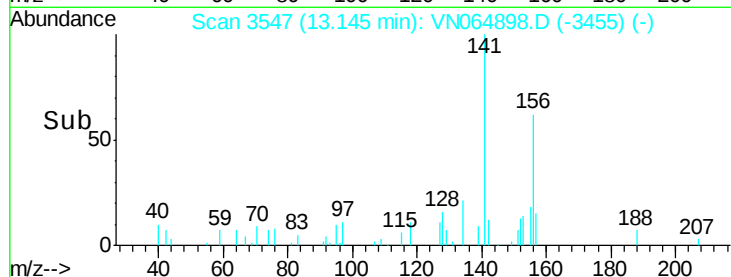
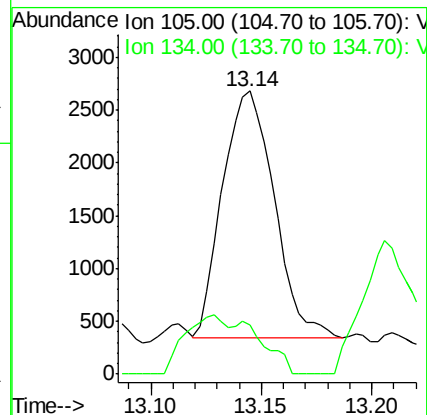
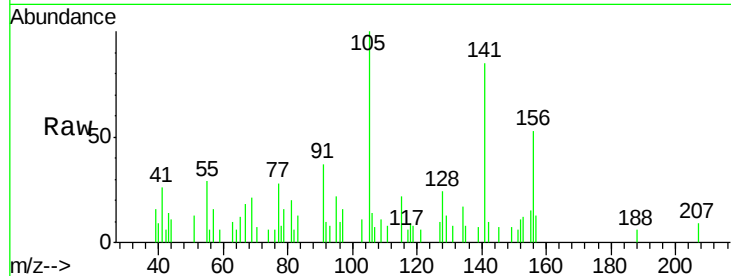
16829

Tot Ion:105 Resp: 3797

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 0.407 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064898.D

Acq: 3 Dec 2020 14:35

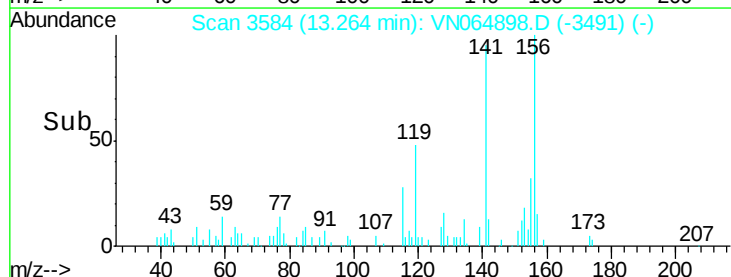
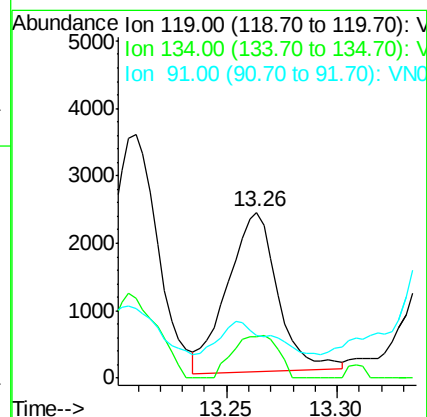
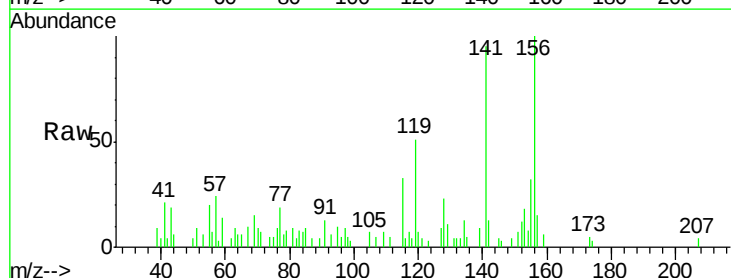
Tgt Ion:119 Resp: 3704

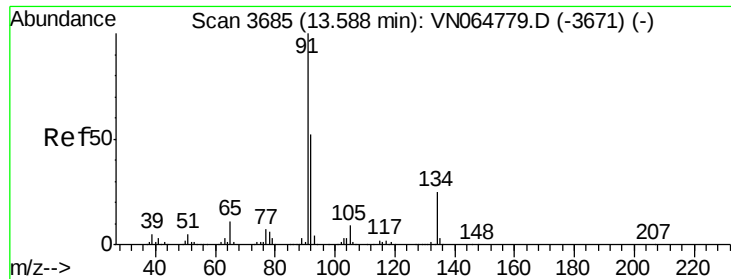
Ion Ratio Lower Upper

119 100

134 24.4 13.1 39.1

91 19.3 11.5 34.5





#89

n-Butylbenzene

Concen: 2.627 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064898.D

Acq: 3 Dec 2020 14:35

Instrument :

MSVOA_N

ClientSampled :

16829

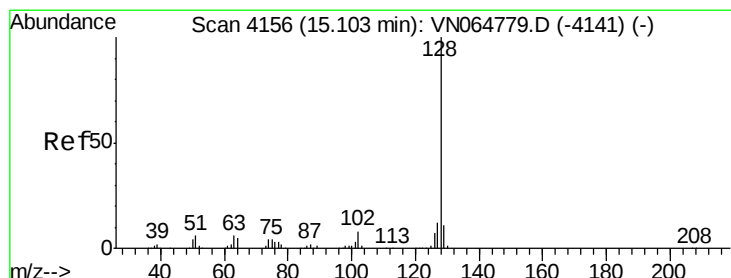
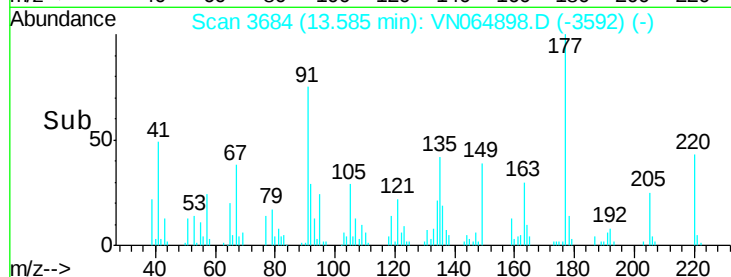
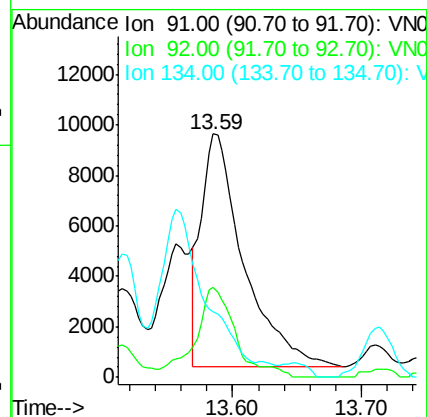
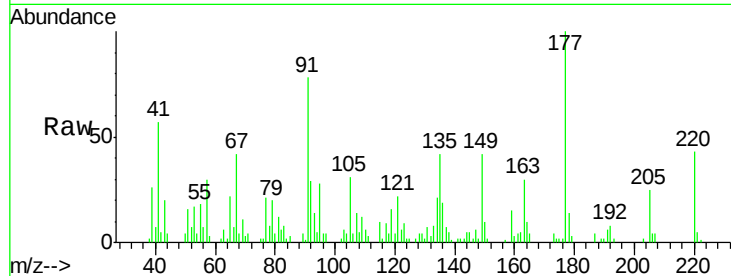
Tot Ion: 91 Resp: 21005

Ion Ratio Lower Upper

91 100

92 28.9 26.0 78.0

134 0.0 12.9 38.6#



#95

Naphthalene

Concen: 8.159 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064898.D

Acq: 3 Dec 2020 14:35

Tgt Ion:128 Resp: 76874

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.2 8.7 13.1

