

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061437.D
 Acq On : 18 May 2020 16:17
 Operator : JC/MD
 Sample : L2501-01ME
 Misc : 6.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-051320ME

Quant Time: May 18 17:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	234676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	311822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	168488	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	7.54	113	108156	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.06	98	545300	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.38	95	278174	72.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.52%	

Target Compounds

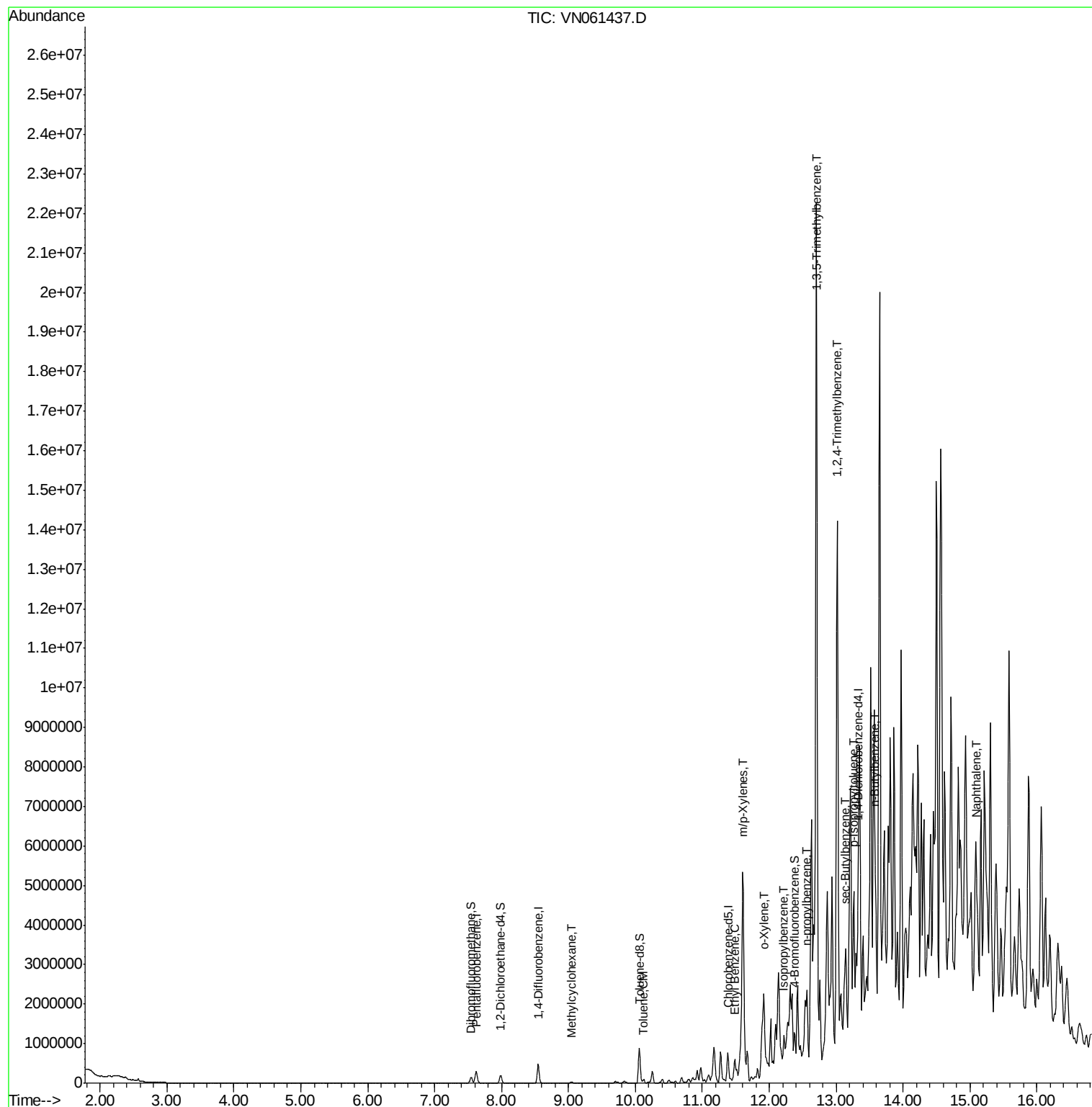
						Qvalue
13) Acrolein	3.56	56	233	Below Cal	#	64
39) Methylcyclohexane	9.04	83	12990	2.682	ug/l	93
52) Toluene	10.12	92	36520	4.761	ug/l	99
67) Ethyl Benzene	11.48	91	355925	23.059	ug/l	99
68) m/p-Xylenes	11.59	106	584050	99.687	ug/l	99
69) o-Xylene	11.92	106	443724	78.262	ug/l	98
73) Isopropylbenzene	12.22	105	328558	13.125	ug/l	100
78) n-propylbenzene	12.57	91	1469478	51.520	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2550820	124.450	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	5932125	289.191	ug/l	73
85) sec-Butylbenzene	13.15	105	997424	42.013	ug/l	81
86) p-Isopropyltoluene	13.26	119	810548	38.449	ug/l	98
89) n-Butylbenzene	13.59	91	1649459	86.124	ug/l #	79
95) Naphthalene	15.10	128	562364	34.206	ug/l #	79

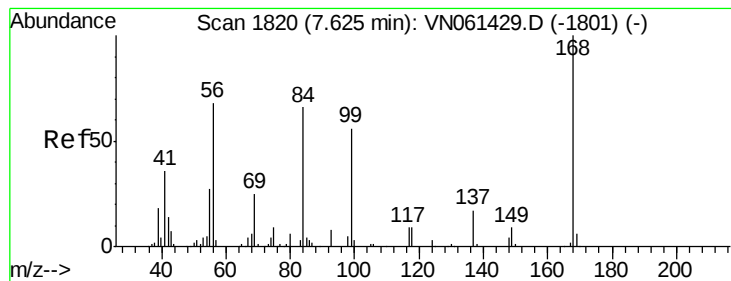
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051820\
Data File : VN061437.D
Acq On : 18 May 2020 16:17
Operator : JC/MD
Sample : L2501-01ME
Misc : 6.72a/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-051320ME

Quant Time: May 18 17:23:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

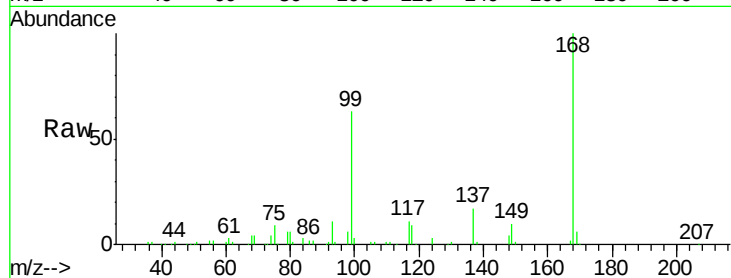
EO-01-051320ME

Tot Ion:168 Resp: 234676

Ion Ratio Lower Upper

168 100

99 62.6 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

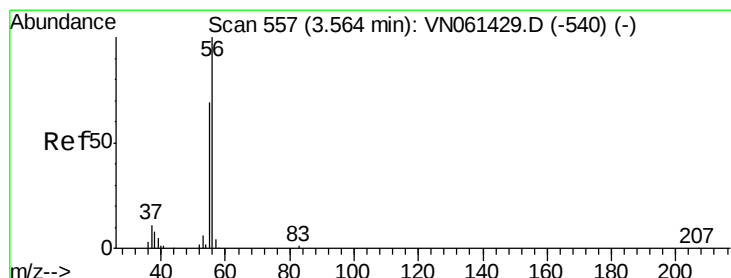
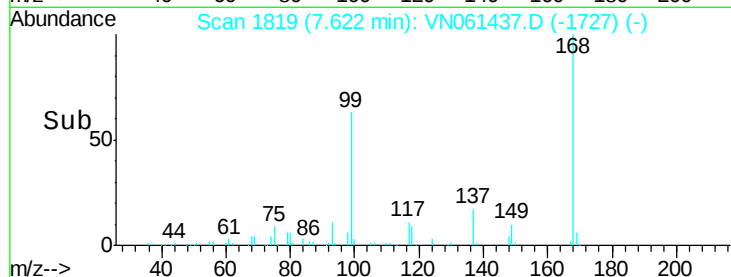
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#13

Acrolein

Concen: Below Cal

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061437.D

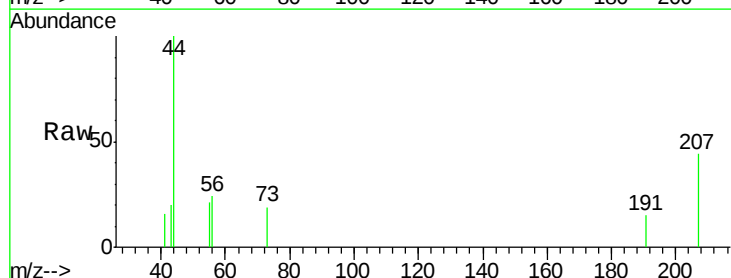
Acq: 18 May 2020 16:17

Tgt Ion: 56 Resp: 233

Ion Ratio Lower Upper

56 100

55 97.4 54.8 82.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.56

250

200

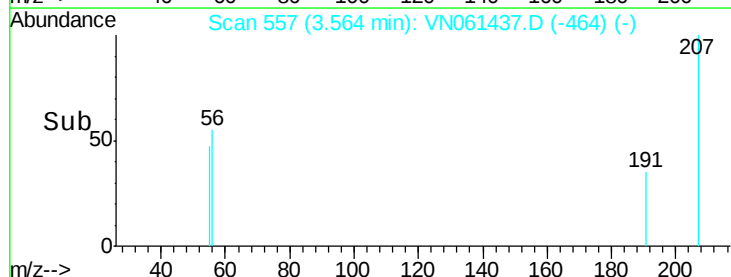
150

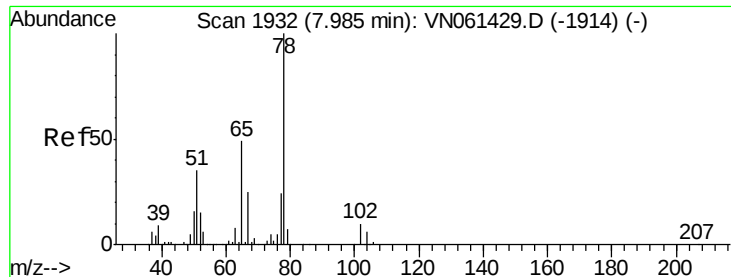
100

50

0

Time--> 3.55 3.56 3.57 3.58





#33

1,2-Dichloroethane-d4

Concen: 48.106 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

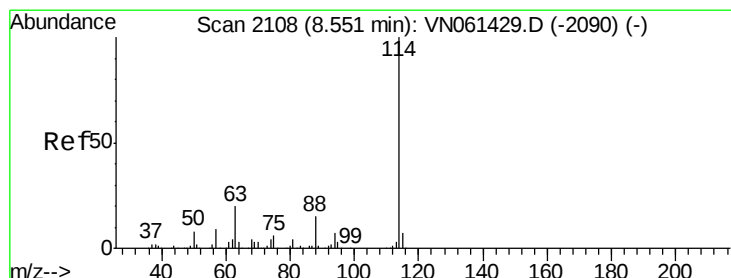
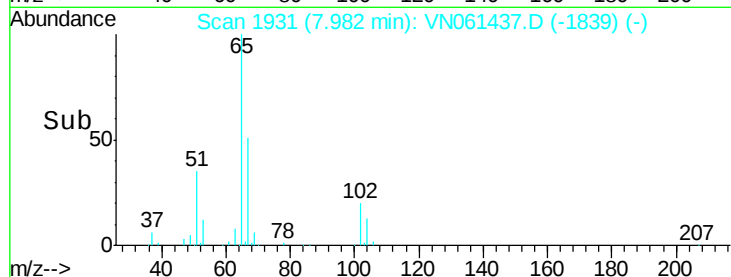
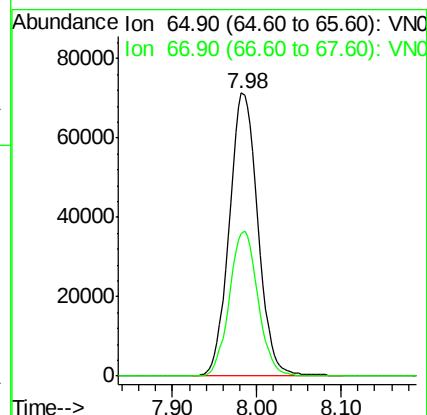
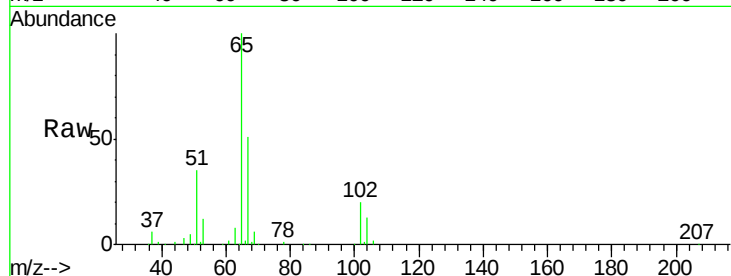
EO-01-051320ME

Tot Ion: 65 Resp: 168488

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

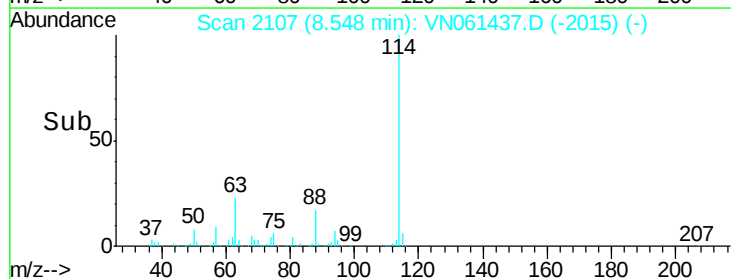
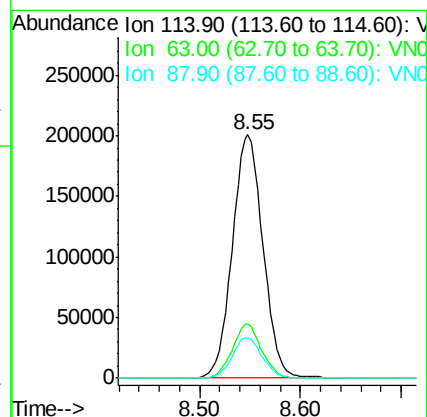
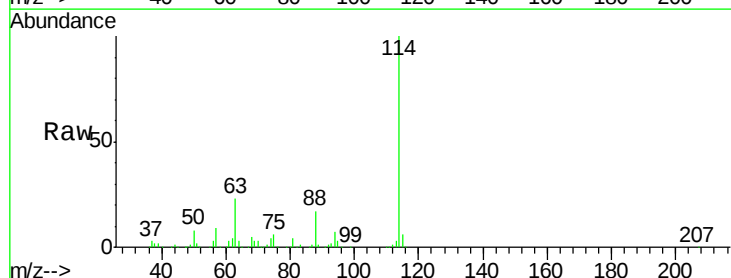
Tgt Ion: 114 Resp: 424047

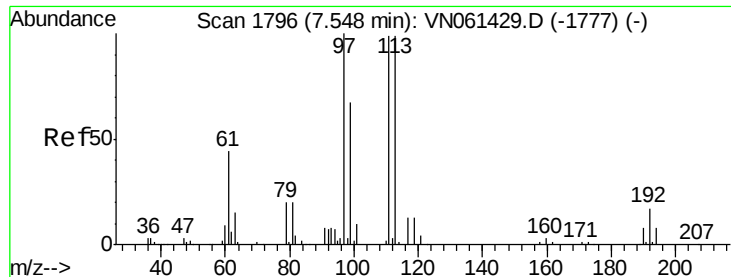
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.8

88 16.6 0.0 30.8

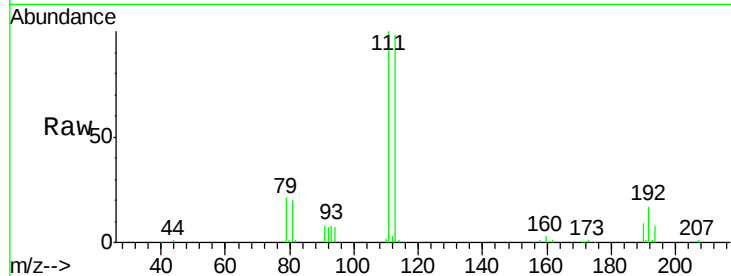




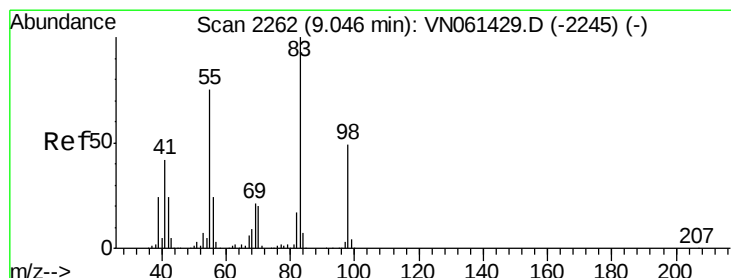
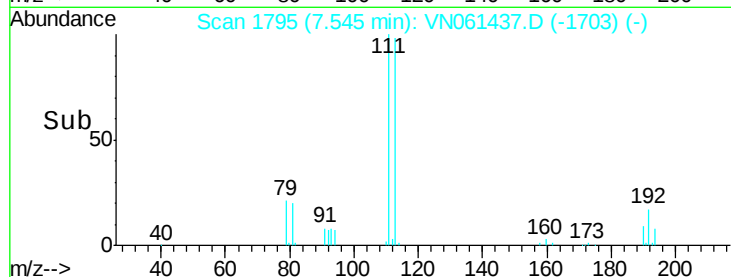
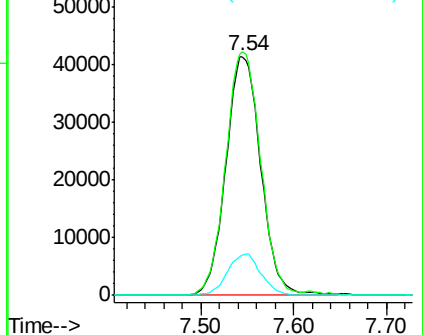
#35
Dibromofluoromethane
Concen: 48.687 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
EO-01-051320ME

Tot Ion:113 Resp: 108156
Ion Ratio Lower Upper
113 100
111 101.8 80.6 121.0
192 16.5 13.2 19.8

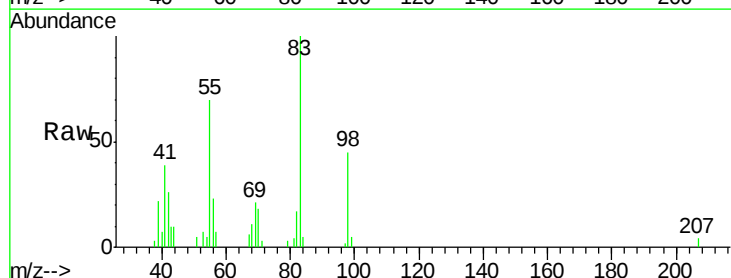


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

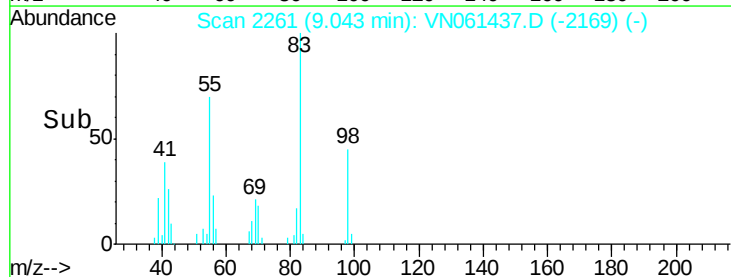
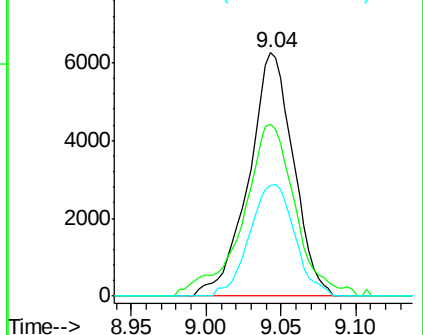


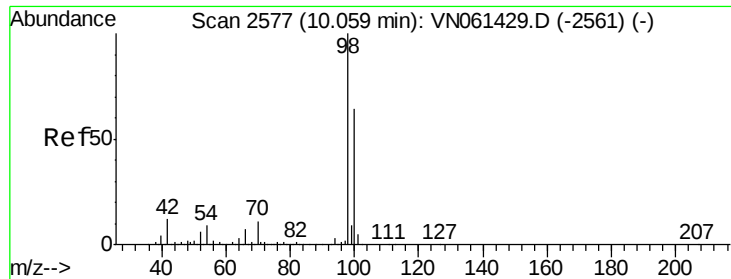
#39
Methylcyclohexane
Concen: 2.682 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion: 83 Resp: 12990
Ion Ratio Lower Upper
83 100
55 67.0 59.7 89.5
98 45.5 38.9 58.3



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





#50

Toluene-d8

Concen: 52.923 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

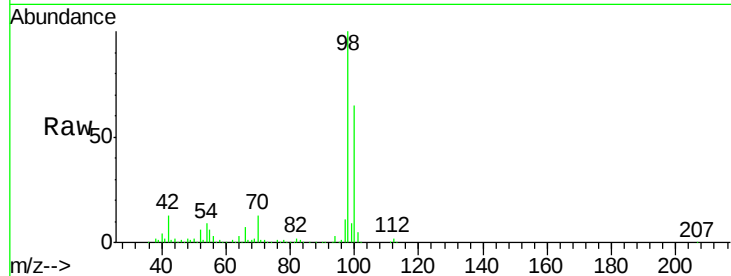
EO-01-051320ME

Tot Ion: 98 Resp: 545300

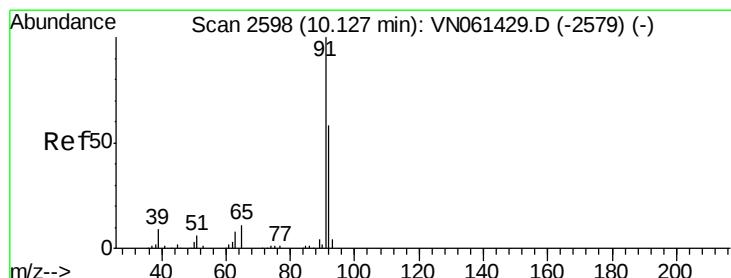
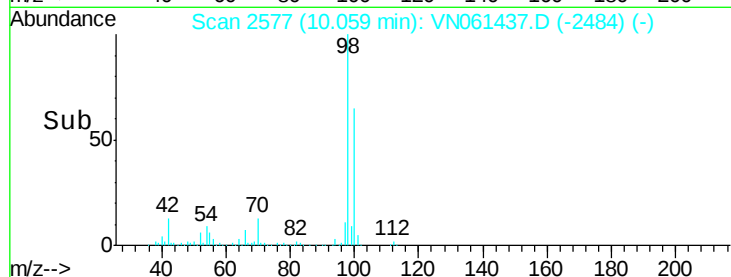
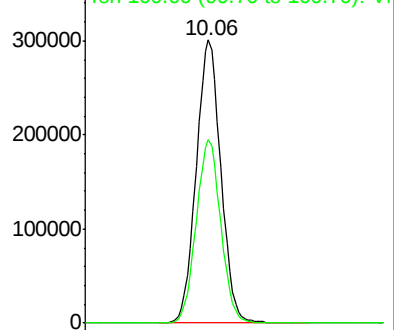
Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061429.D (-2561) (-)



#52

Toluene

Concen: 4.761 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061437.D

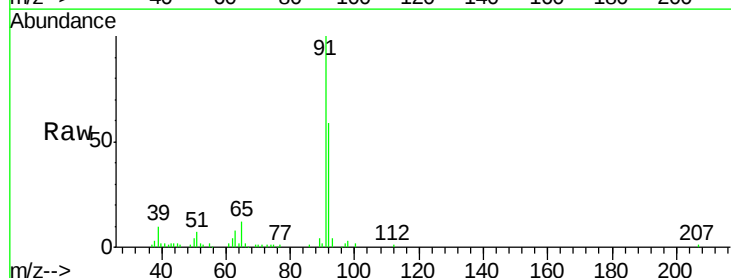
Acq: 18 May 2020 16:17

Tgt Ion: 92 Resp: 36520

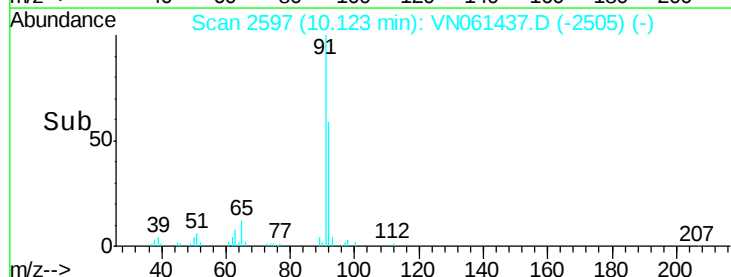
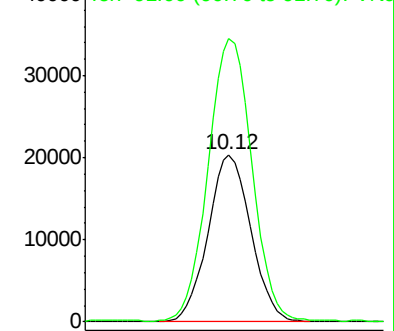
Ion Ratio Lower Upper

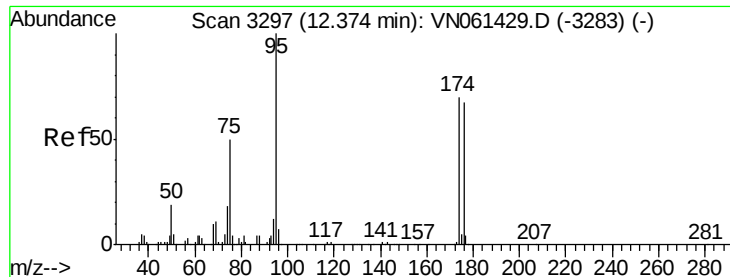
92 100

91 174.2 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN061429.D (-2579) (-)





#62

4-Bromofluorobenzene

Concen: 72.262 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

EO-01-051320ME

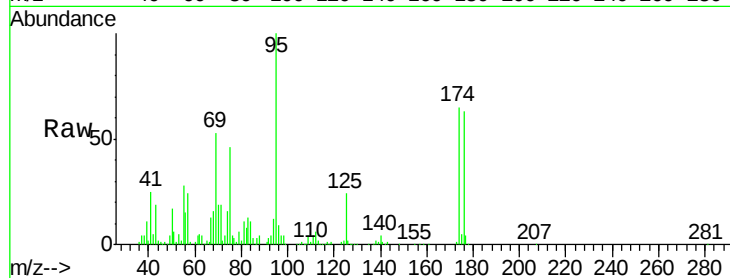
Tot Ion: 95 Resp: 278174

Ion Ratio Lower Upper

95 100

174 63.8 0.0 141.2

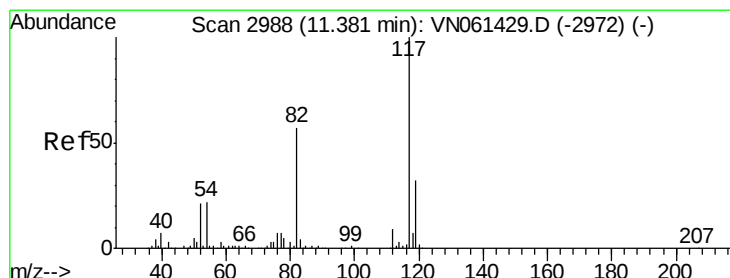
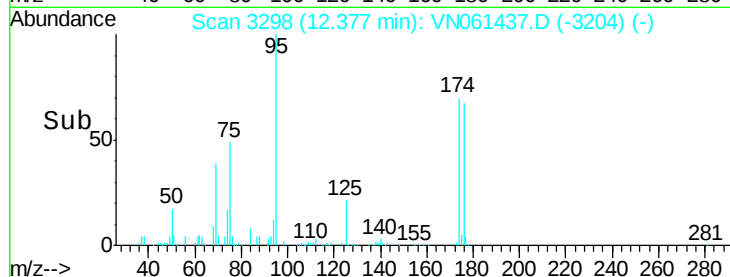
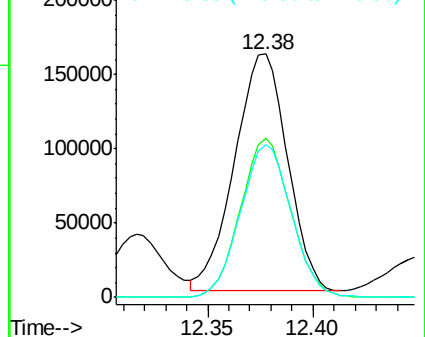
176 62.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

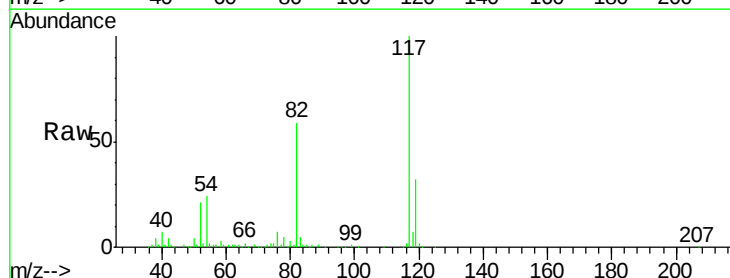
Tgt Ion: 117 Resp: 414663

Ion Ratio Lower Upper

117 100

82 58.3 45.2 67.8

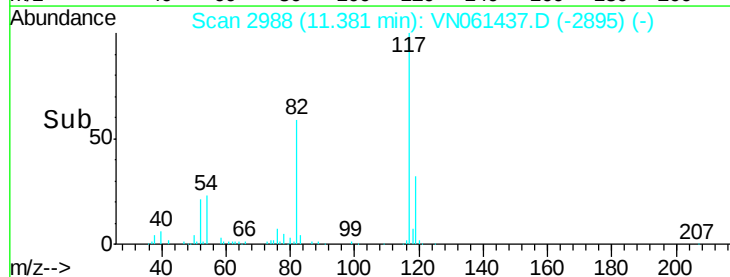
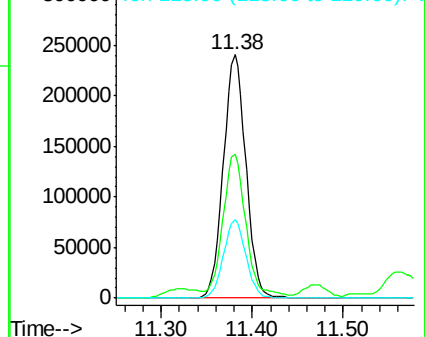
119 32.1 25.3 37.9

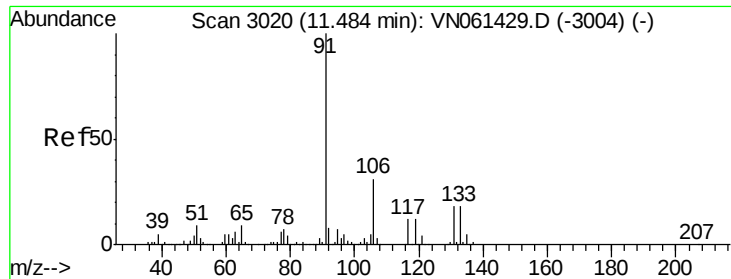


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)

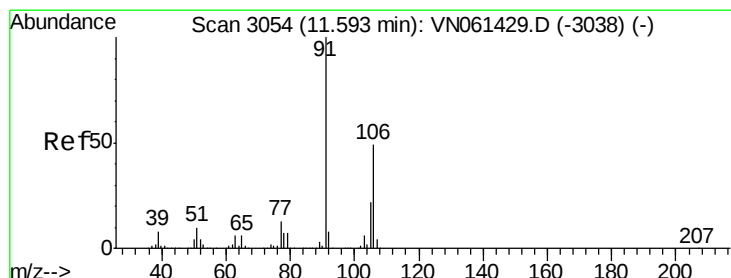
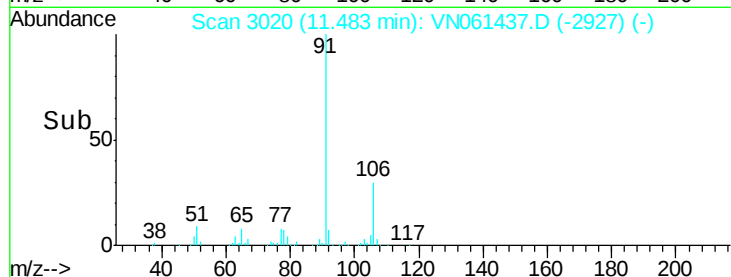
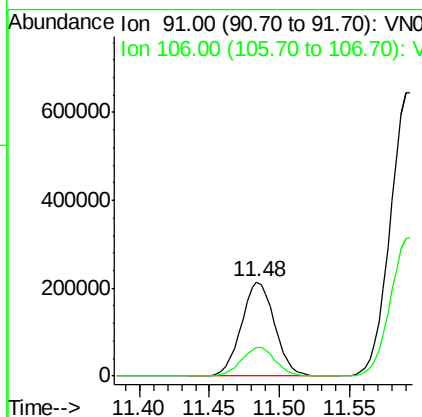
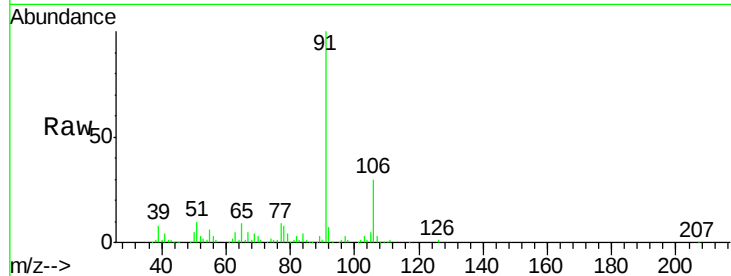




#67
Ethyl Benzene
Concen: 23.059 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

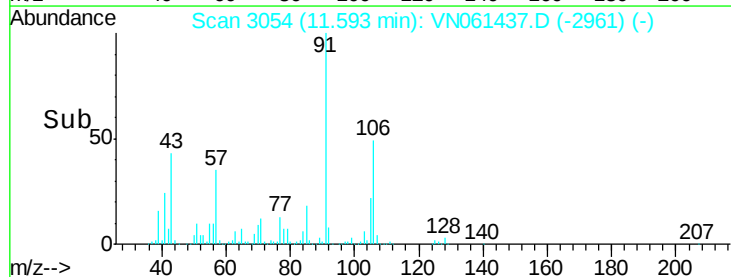
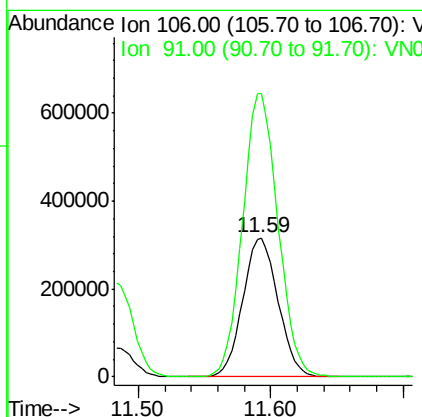
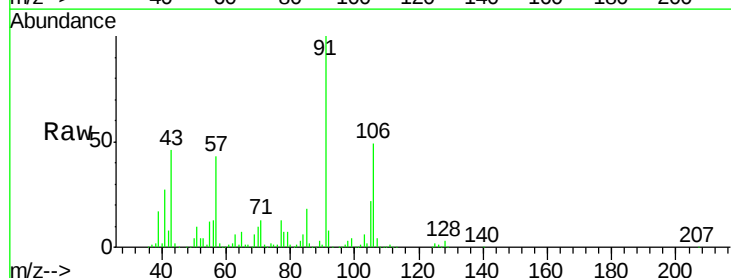
Instrument :
MSVOA_N
ClientSampleId :
EO-01-051320ME

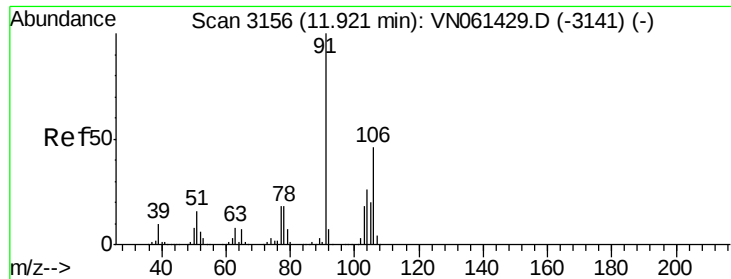
Tot Ion: 91 Resp: 355925
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



#68
m/p-Xylenes
Concen: 99.687 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion: 106 Resp: 584050
Ion Ratio Lower Upper
106 100
91 204.6 163.0 244.6

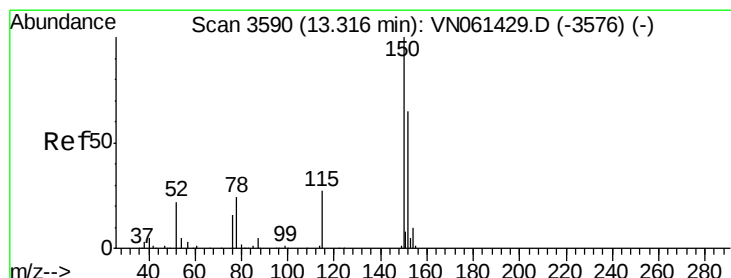
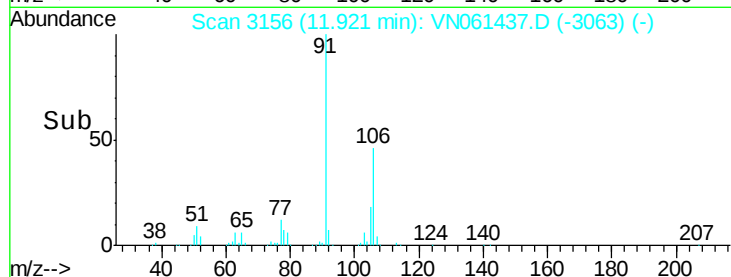
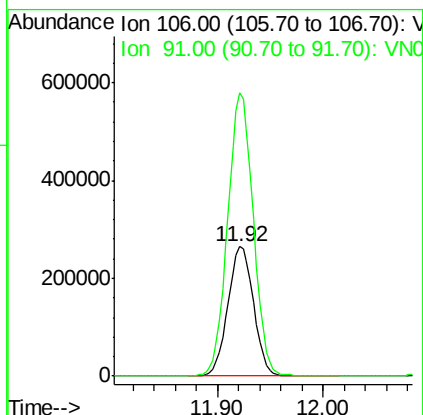
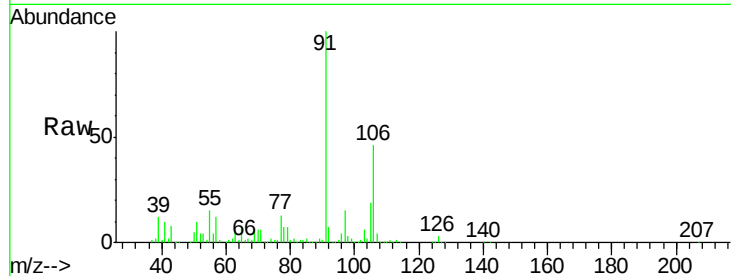




#69
o-Xylene
Concen: 78.262 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

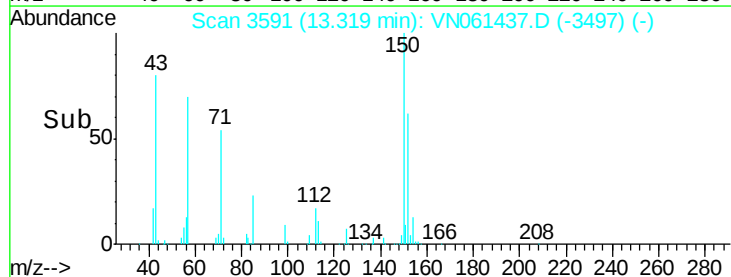
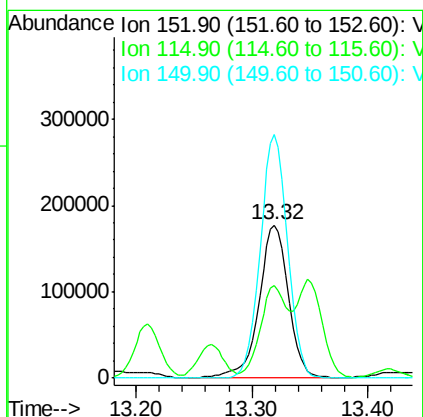
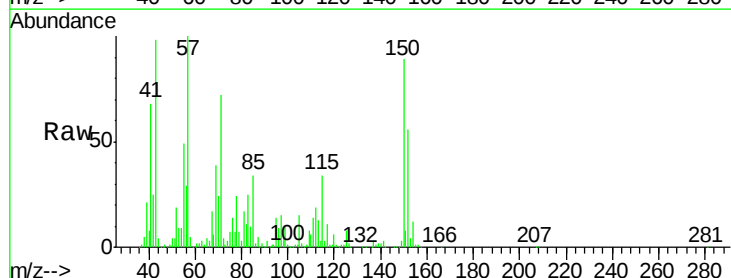
Instrument :
MSVOA_N
ClientSampleId :
EO-01-051320ME

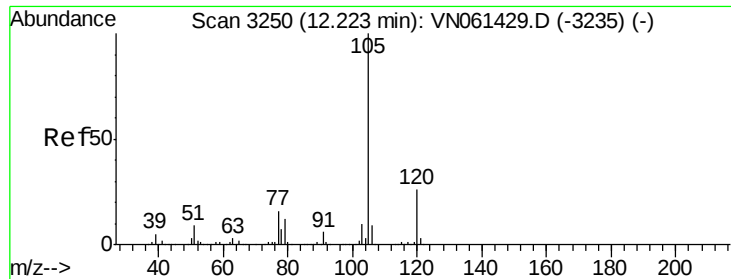
Tot Ion:106 Resp: 443724
Ion Ratio Lower Upper
106 100
91 218.8 107.9 323.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion:152 Resp: 311822
Ion Ratio Lower Upper
152 100
115 50.6 30.9 92.5
150 148.0 0.0 349.2





#73

Isopropylbenzene

Concen: 13.125 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

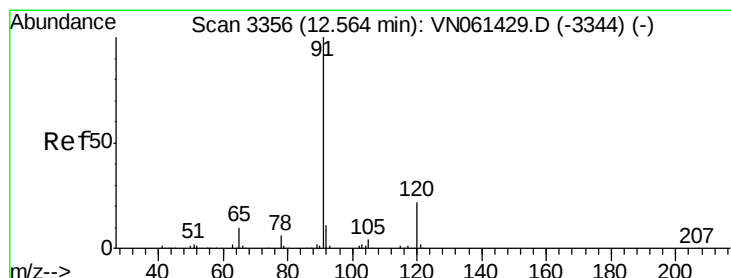
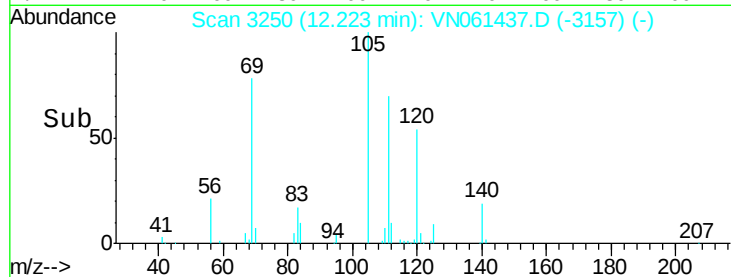
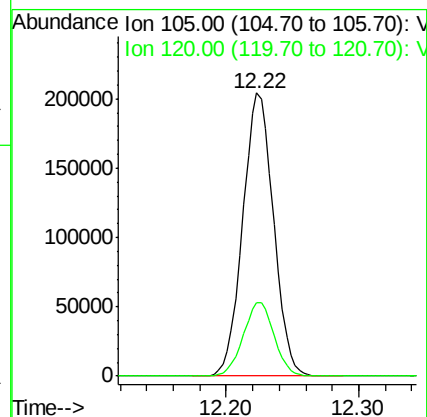
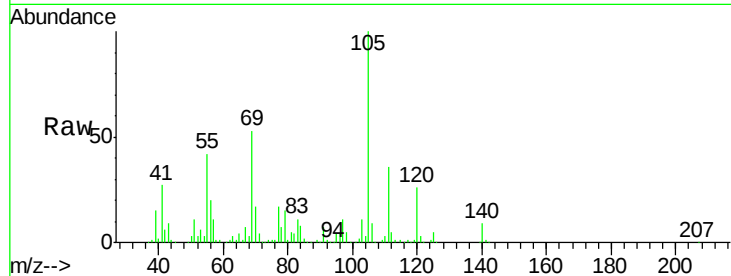
EO-01-051320ME

Tot Ion:105 Resp: 328558

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#78

n-propylbenzene

Concen: 51.520 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061437.D

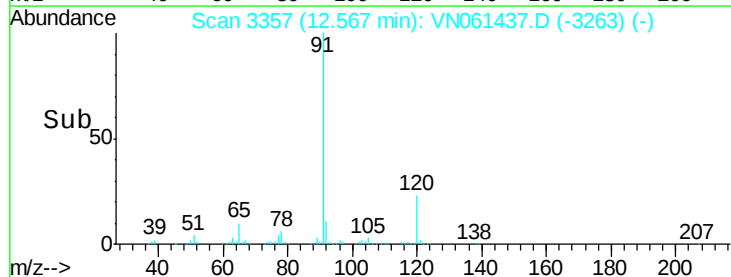
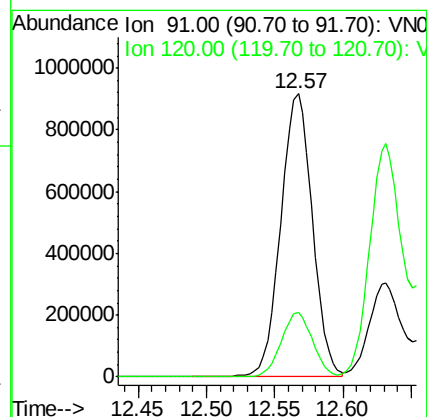
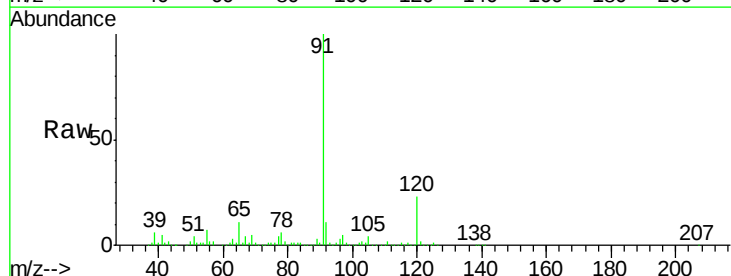
Acq: 18 May 2020 16:17

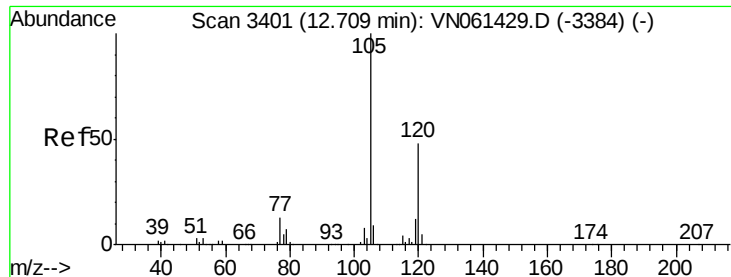
Tgt Ion: 91 Resp: 1469478

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.6

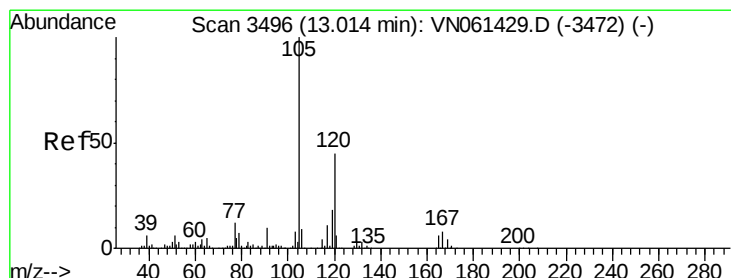
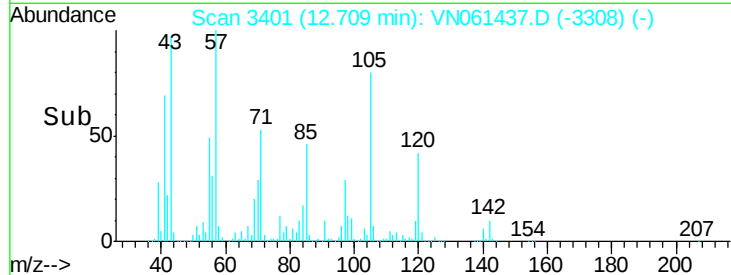
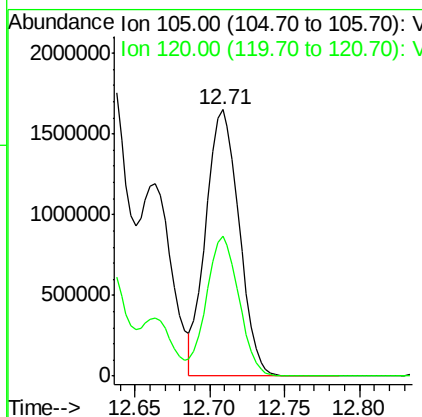
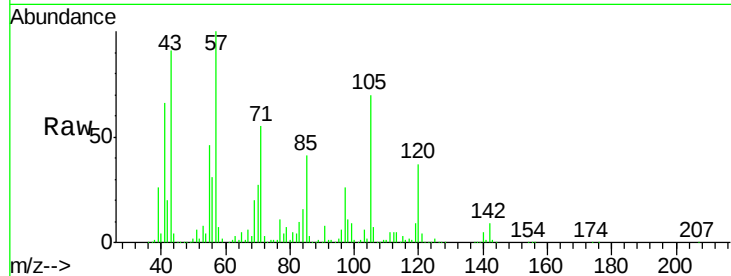




#80
 1,3,5-Trimethylbenzene
 Concen: 124.450 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

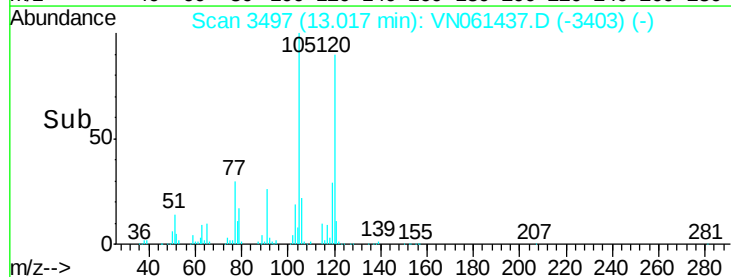
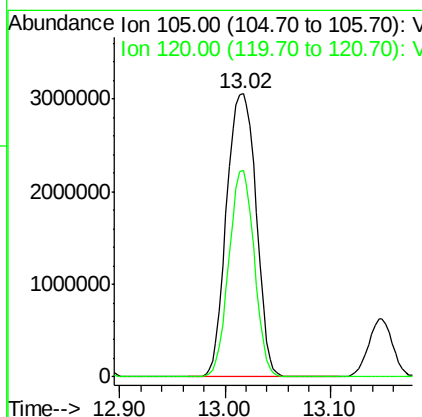
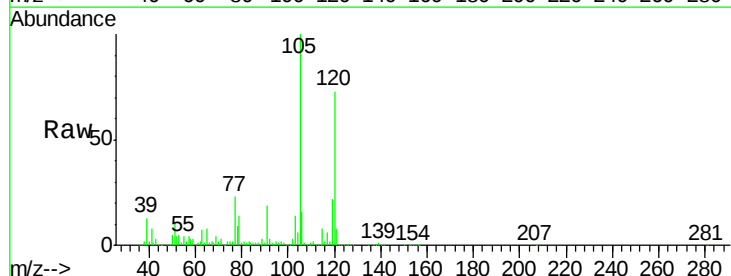
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-051320ME

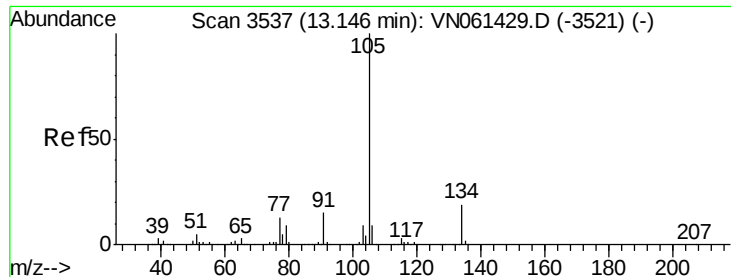
Tot Ion:105 Resp: 2550820
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 289.191 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Tgt Ion:105 Resp: 5932125
 Ion Ratio Lower Upper
 105 100
 120 62.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 42.013 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

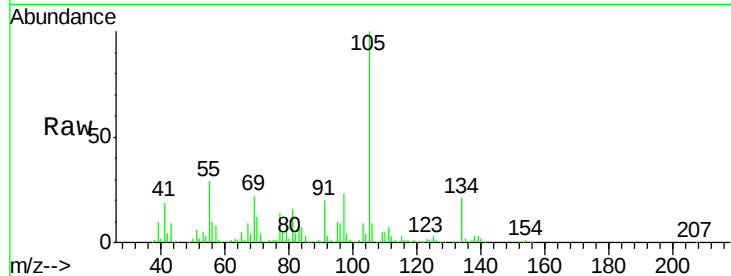
EO-01-051320ME

Tot Ion:105 Resp: 997424

Ion Ratio Lower Upper

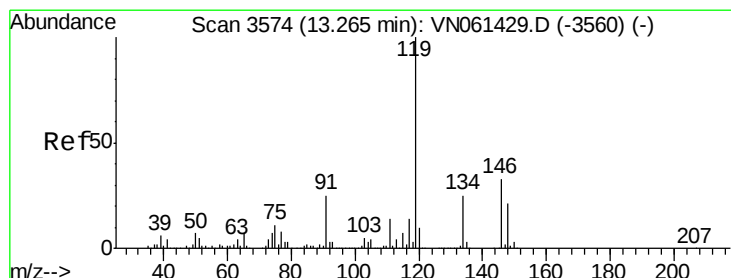
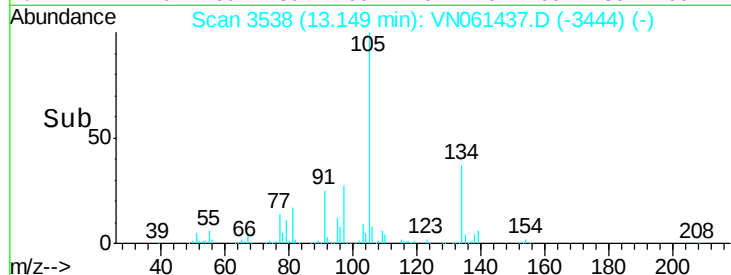
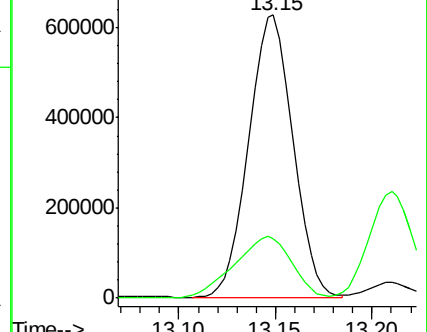
105 100

134 28.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 38.449 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

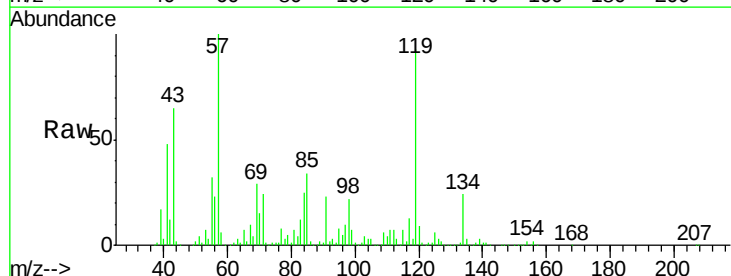
Tgt Ion:119 Resp: 810548

Ion Ratio Lower Upper

119 100

134 26.3 12.7 38.1

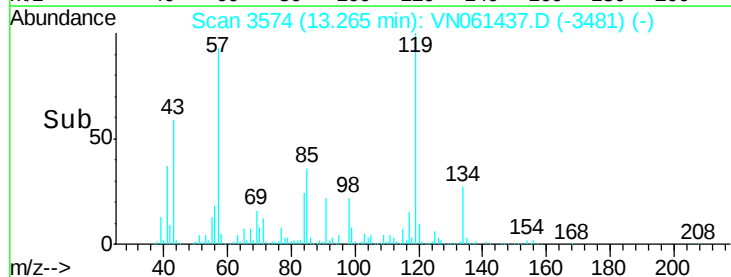
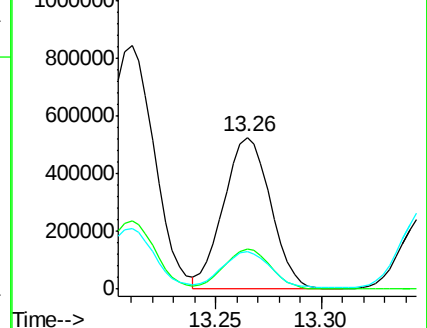
91 23.9 12.6 37.6

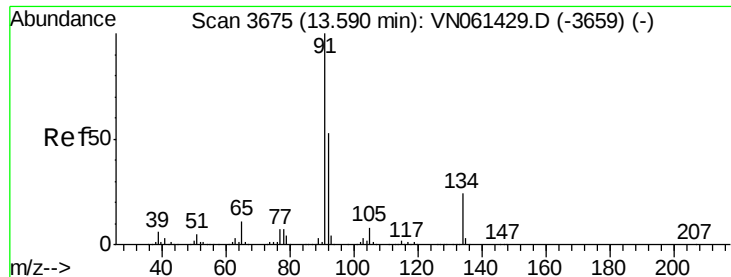


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

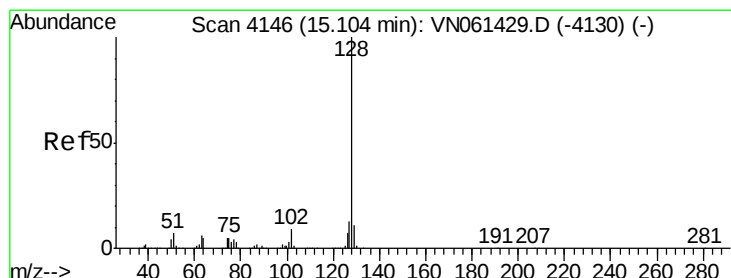
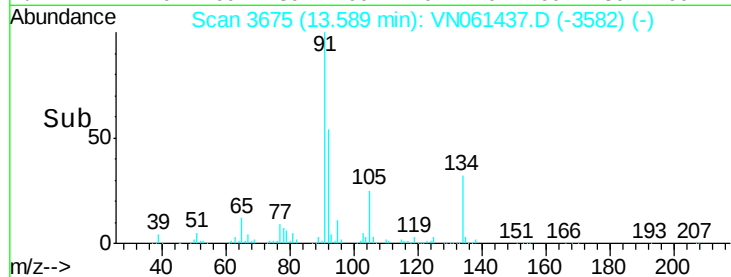
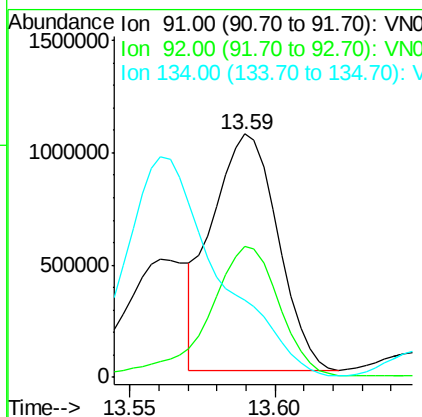
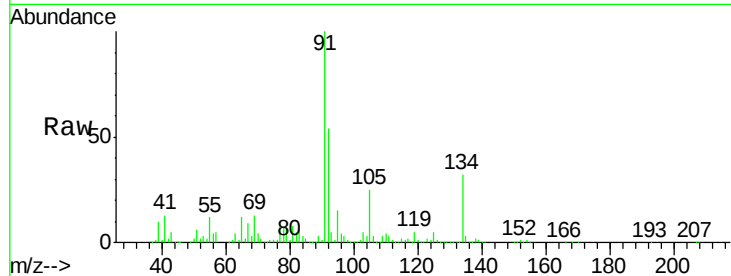




#89
n-Butylbenzene
Concen: 86.124 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
EO-01-051320ME

Tot Ion: 91 Resp: 1649459
Ion Ratio Lower Upper
91 100
92 59.0 26.8 80.3
134 0.0 12.4 37.4#



#95
Naphthalene
Concen: 34.206 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion: 128 Resp: 562364
Ion Ratio Lower Upper
128 100
127 18.1 10.1 15.1#
129 0.0 8.6 13.0#

