

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070220\
 Data File : VN062341.D
 Acq On : 2 Jul 2020 18:30
 Operator : JC/MD
 Sample : L3160-01ME
 Misc : 7.31g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-DRUMME

Quant Time: Jul 03 06:22:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	121884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	100399	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	97185	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
35) Dibromofluoromethane	7.54	113	76028	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	10.06	98	308859	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.38	95	105383	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	

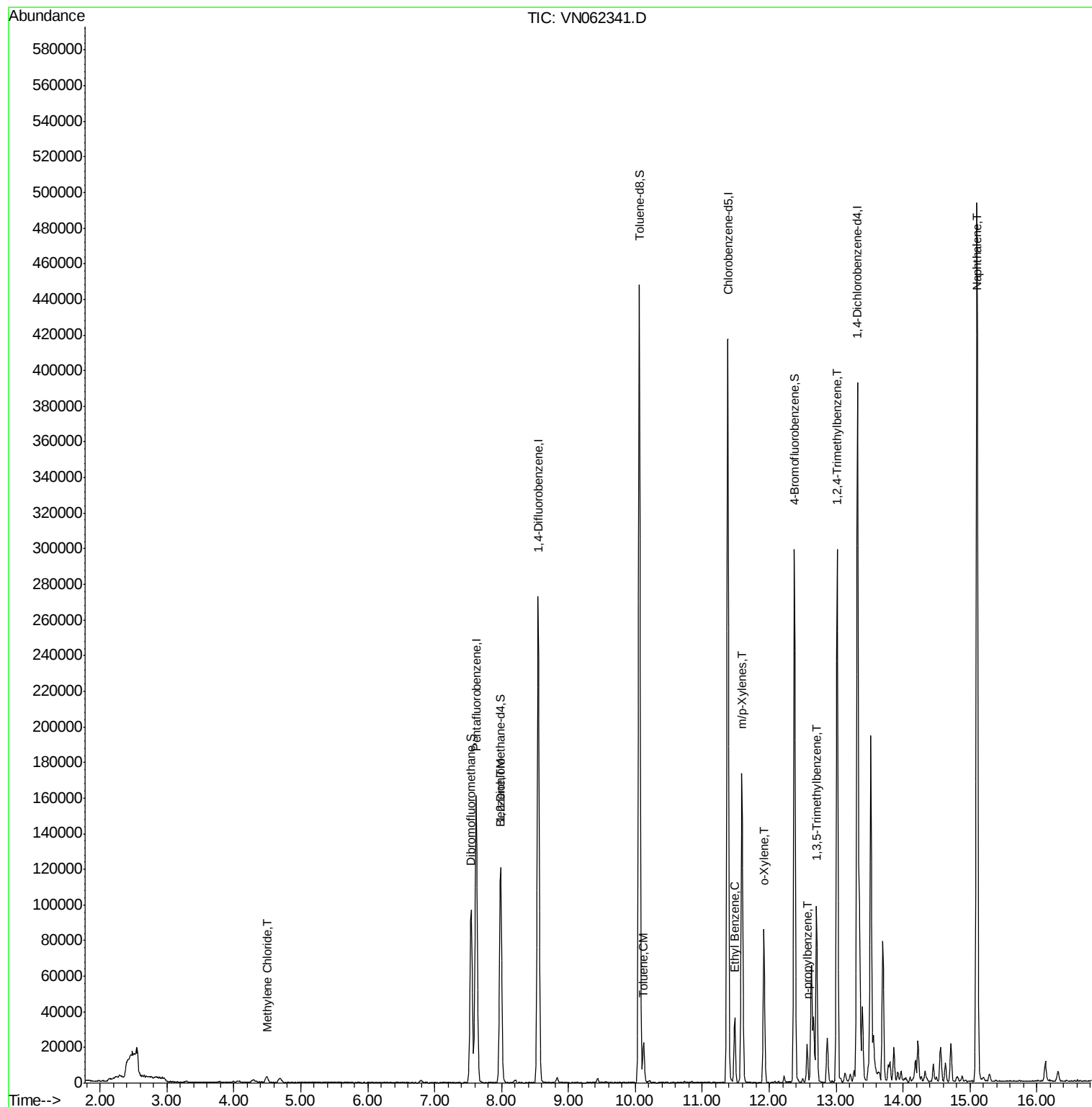
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.50	84	2666	1.488	ug/l	91
40) Benzene	8.00	78	9494	1.299	ug/l	94
52) Toluene	10.12	92	8488	1.903	ug/l	95
67) Ethyl Benzene	11.48	91	26340	3.076	ug/l	99
68) m/p-Xylenes	11.59	106	56126	16.946	ug/l	96
69) o-Xylene	11.92	106	23824	7.624	ug/l	96
78) n-propylbenzene	12.57	91	17873	2.011	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	51573	8.186	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	164612	26.161	ug/l	99
95) Naphthalene	15.10	128	405634	81.985	ug/l	100

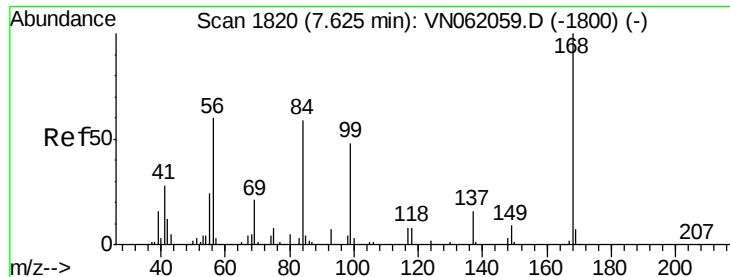
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070220\
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Quant Time: Jul 03 06:22:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

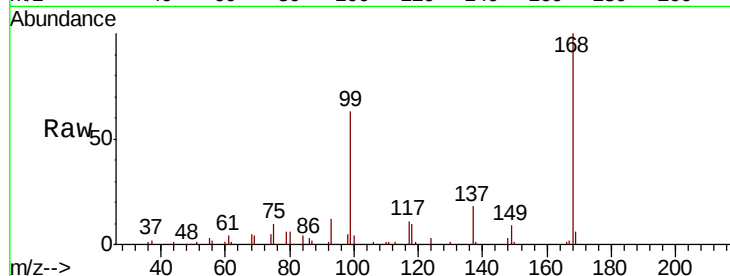
MUDDY-DRUMME

Tot Ion:168 Resp: 121884

Ion Ratio Lower Upper

168 100

99 63.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062059.D (-1800) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1800) (-)

7.62

60000

50000

40000

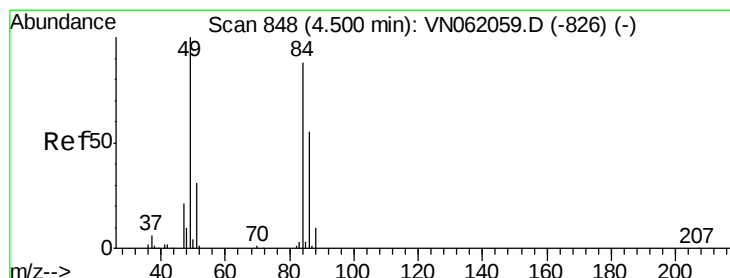
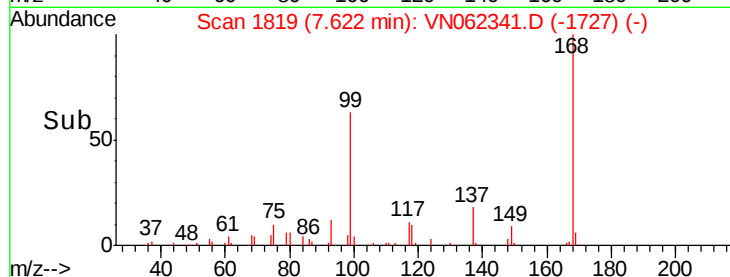
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.488 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Tgt Ion: 84 Resp: 2666

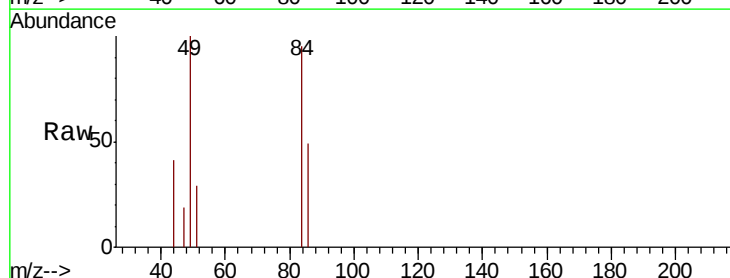
Ion Ratio Lower Upper

84 100

49 105.8 90.6 136.0

51 31.2 27.8 41.8

86 51.8 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062059.D (-826) (-)

Ion 48.90 (48.60 to 49.60): VN062059.D (-826) (-)

Ion 50.90 (50.60 to 51.60): VN062059.D (-826) (-)

Ion 85.90 (85.60 to 86.60): VN062059.D (-826) (-)

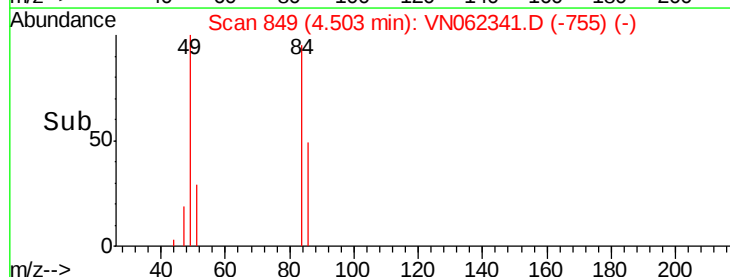
1500

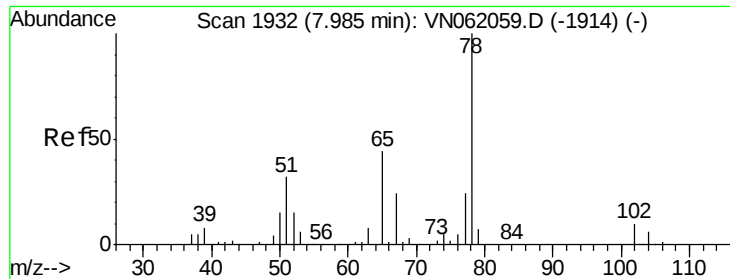
1000

500

0

Time--> 4.40 4.45 4.50 4.55





#33

1,2-Dichloroethane-d4

Concen: 56.819 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

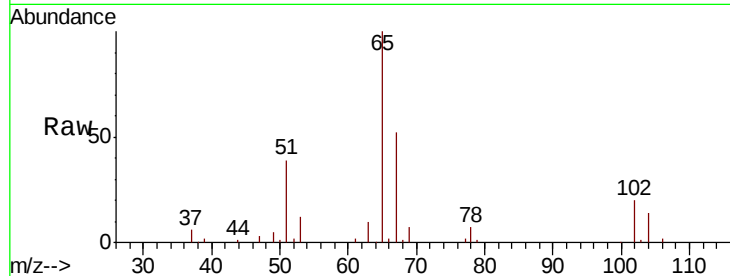
MUDDY-DRUMME

Tot Ion: 65 Resp: 97185

Ion Ratio Lower Upper

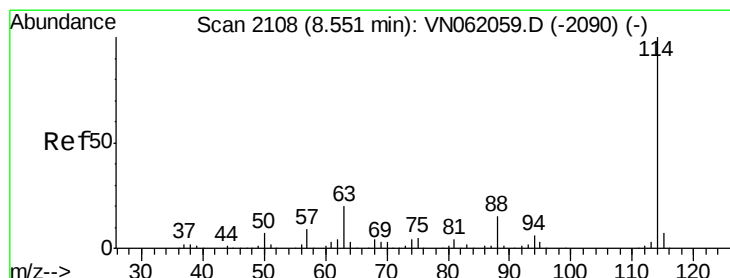
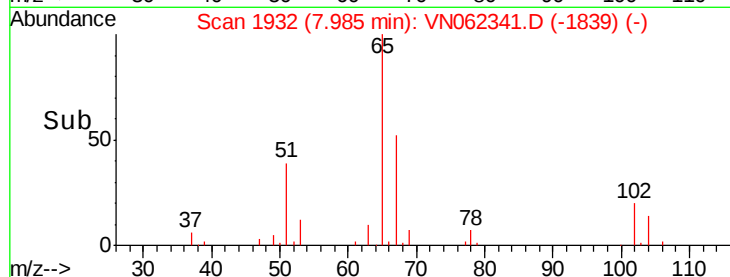
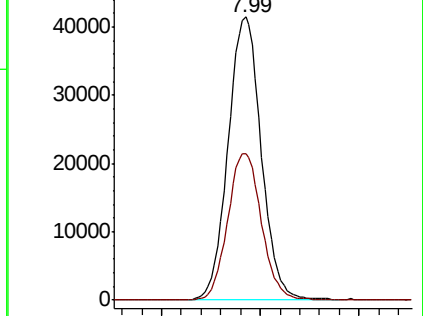
65 100

67 52.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

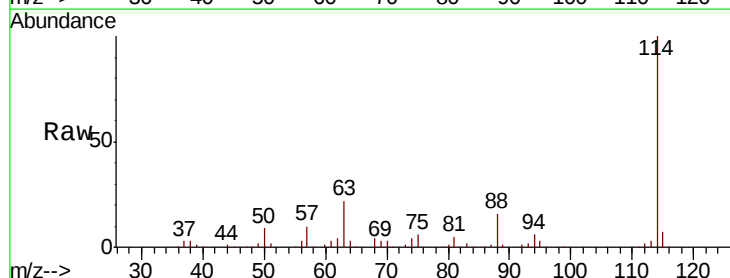
Tgt Ion: 114 Resp: 238586

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.2

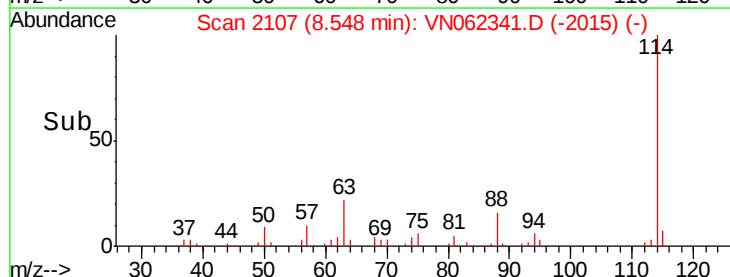
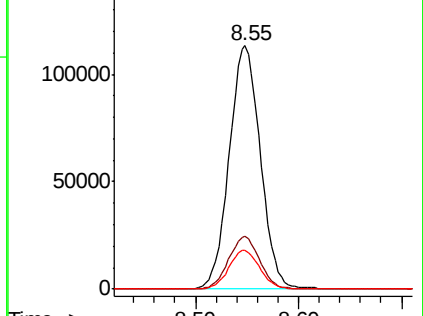
88 15.8 0.0 30.8

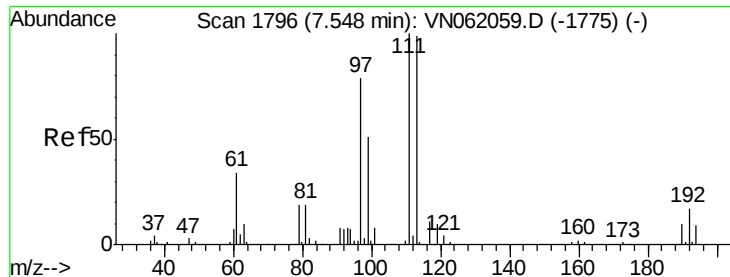


Abundance Ion 113.90 (113.60 to 114.60): VN062059.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062059.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062059.D (-2090) (-)

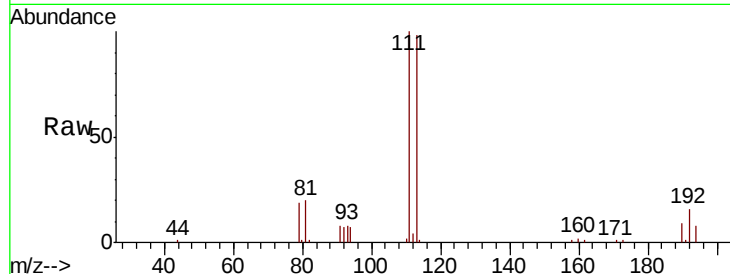




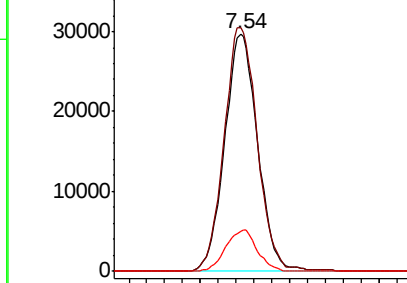
#35
 Dibromofluoromethane
 Concen: 49.671 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-DRUMME

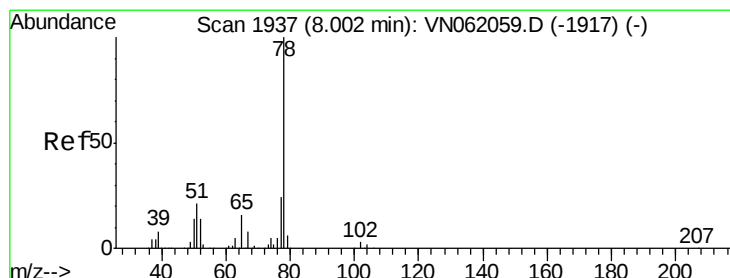
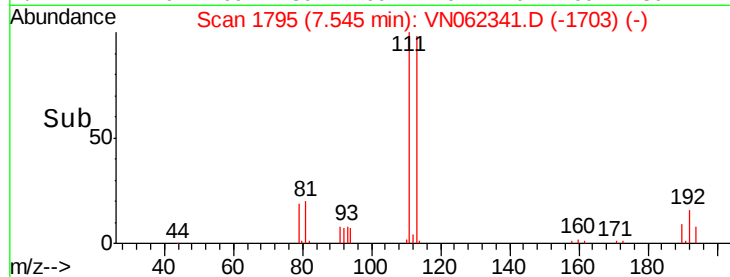
Tot Ion:113 Resp: 76028
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 16.5 14.0 21.0



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

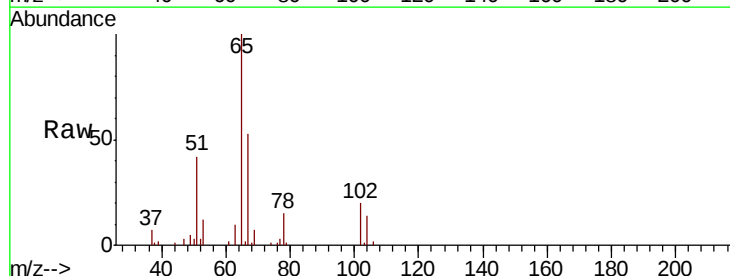


Time-->

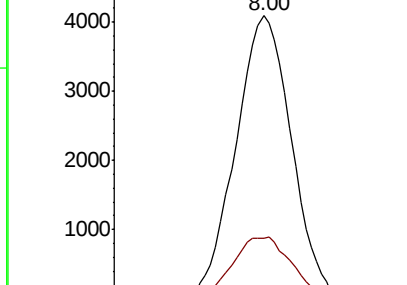


#40
 Benzene
 Concen: 1.299 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

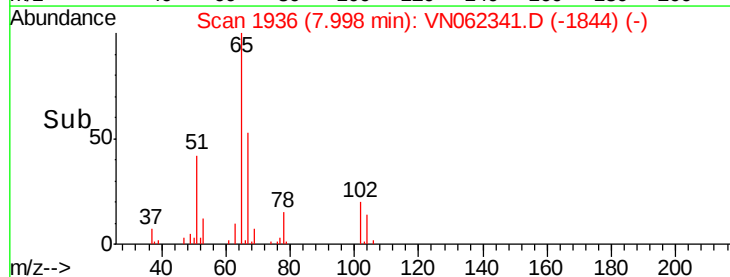
Tgt Ion: 78 Resp: 9494
 Ion Ratio Lower Upper
 78 100
 77 21.6 19.5 29.3

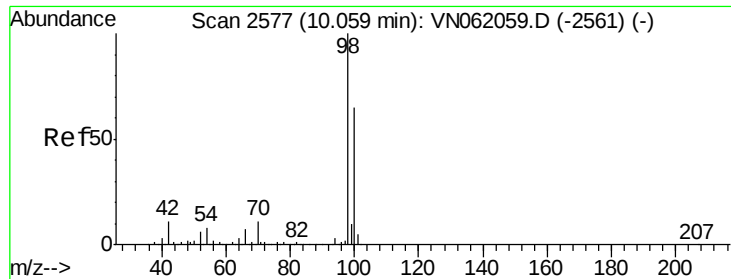


Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V



Time-->





#50

Toluene-d8

Concen: 50.480 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

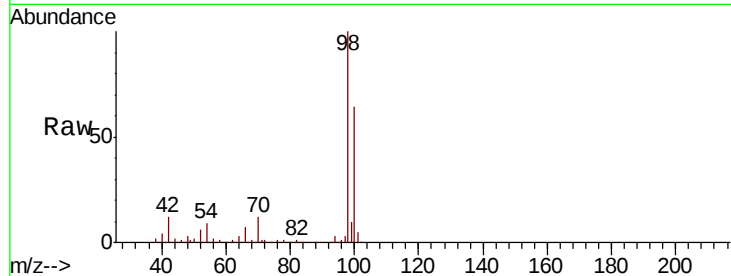
MUDDY-DRUMME

Tot Ion: 98 Resp: 308859

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)

10.06

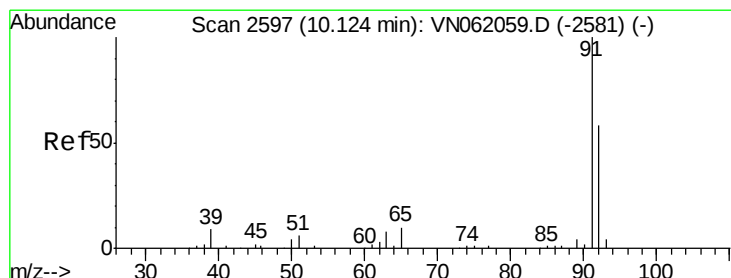
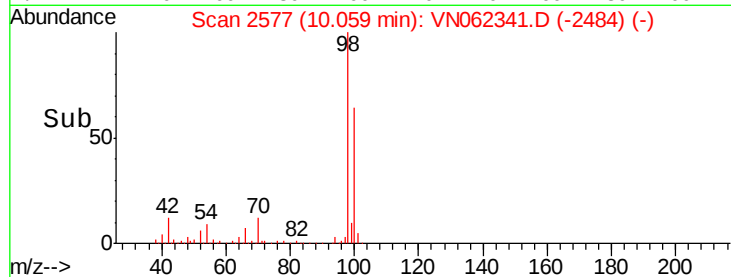
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 1.903 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062341.D

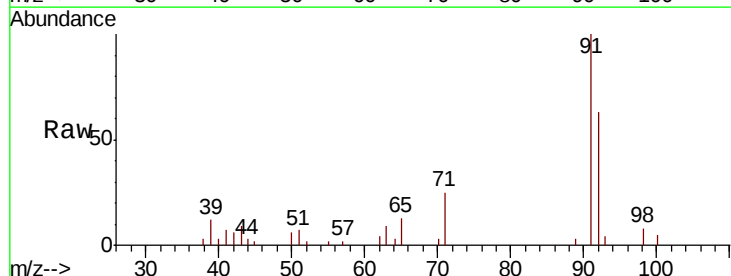
Acq: 2 Jul 2020 18:30

Tgt Ion: 92 Resp: 8488

Ion Ratio Lower Upper

92 100

91 164.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

8000

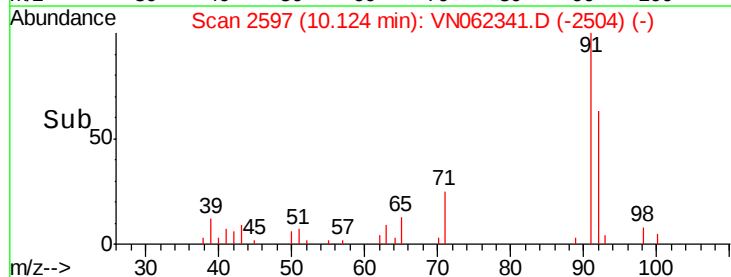
6000

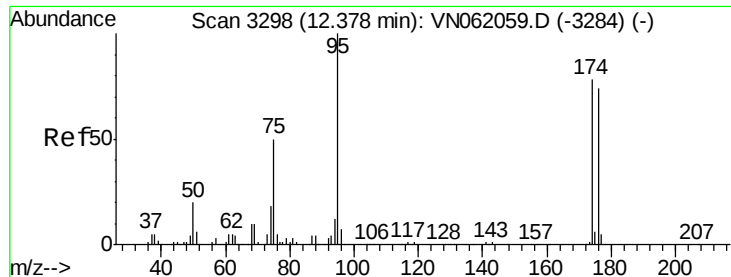
4000

2000

0

Time-->

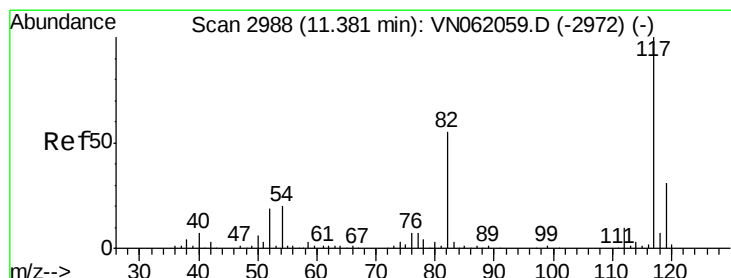
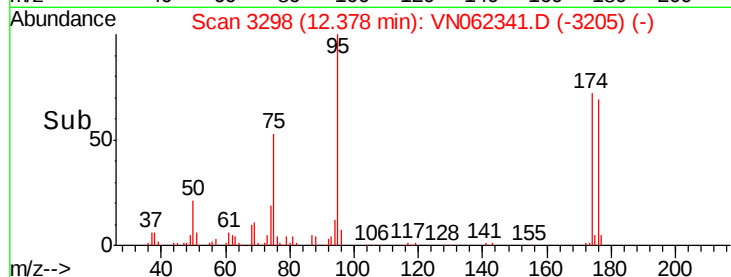
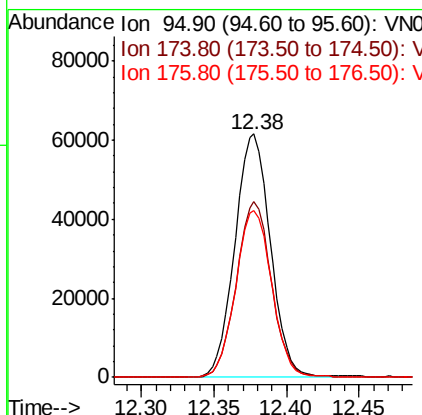
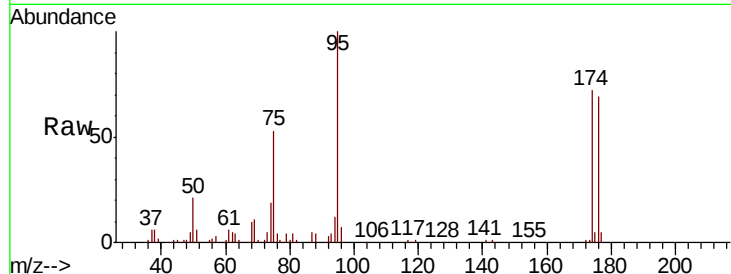




#62
4-Bromofluorobenzene
Concen: 50.979 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

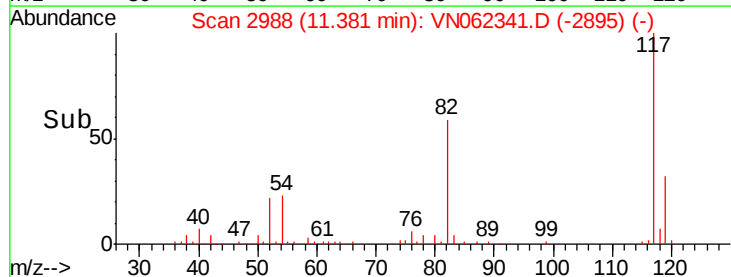
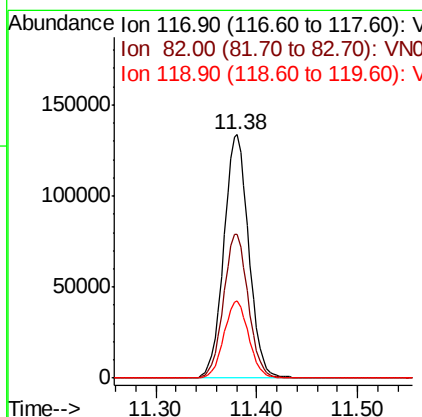
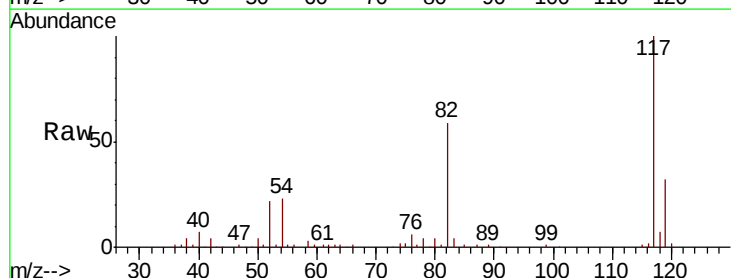
Instrument :
MSVOA_N
ClientSampleId :
MUDDY-DRUMME

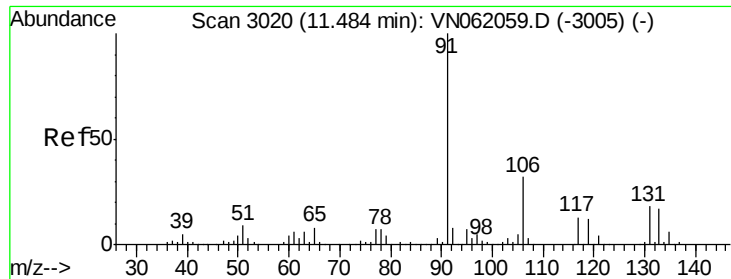
Tot Ion: 95 Resp: 105383
Ion Ratio Lower Upper
95 100
174 71.3 0.0 154.8
176 69.4 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion: 117 Resp: 230881
Ion Ratio Lower Upper
117 100
82 58.9 43.8 65.8
119 31.6 25.2 37.8

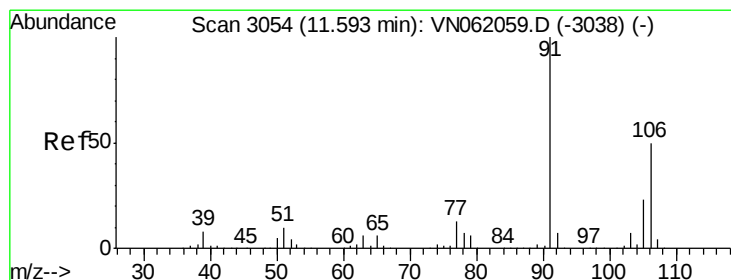
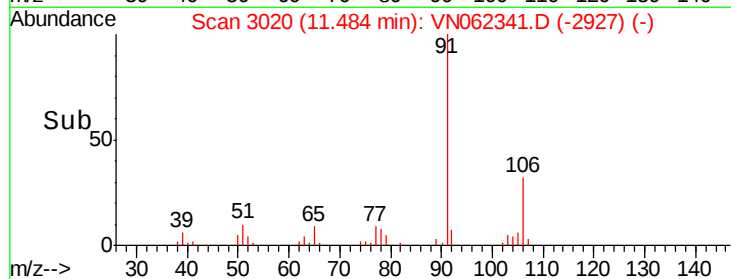
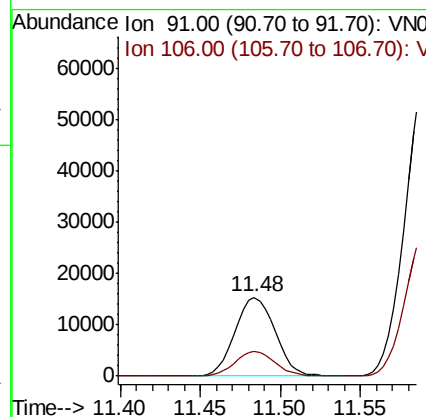
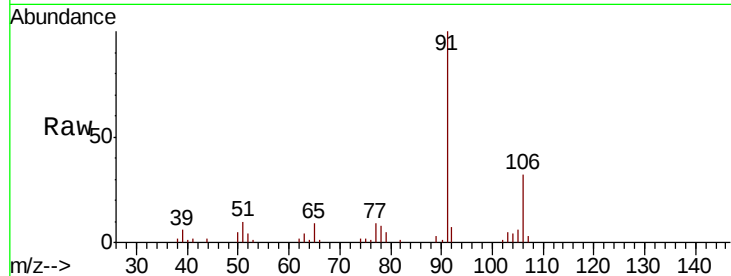




#67
Ethyl Benzene
Concen: 3.076 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

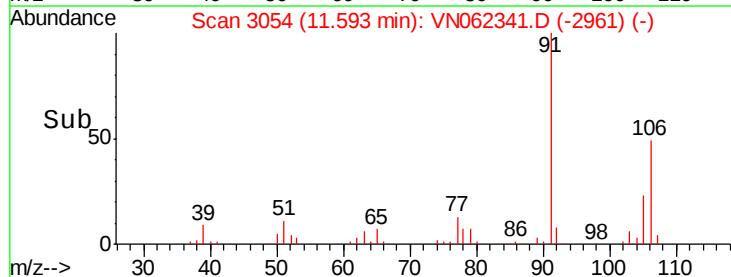
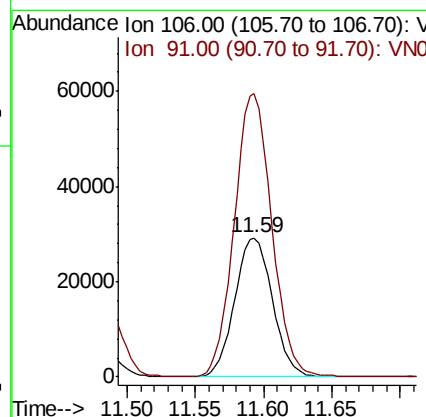
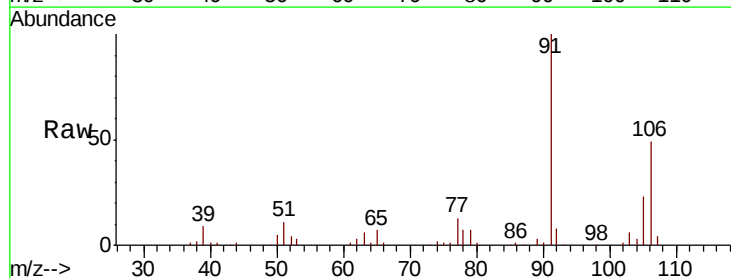
Instrument :
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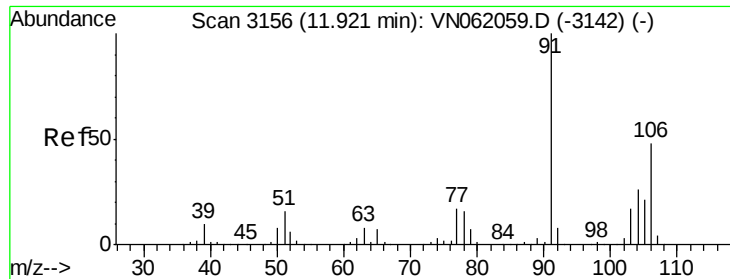
Tot Ion: 91 Resp: 26340
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9



#68
m/p-Xylenes
Concen: 16.946 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion: 106 Resp: 56126
Ion Ratio Lower Upper
106 100
91 202.7 157.8 236.8

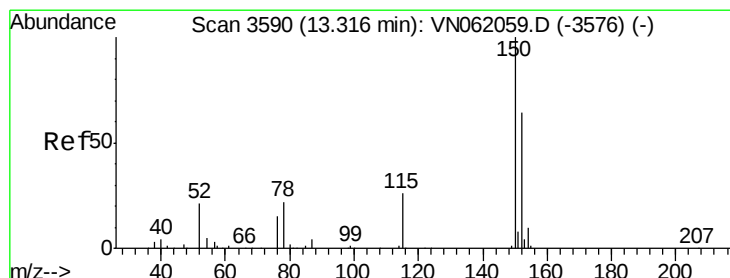
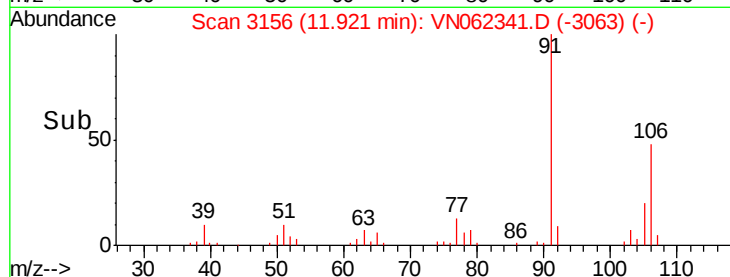
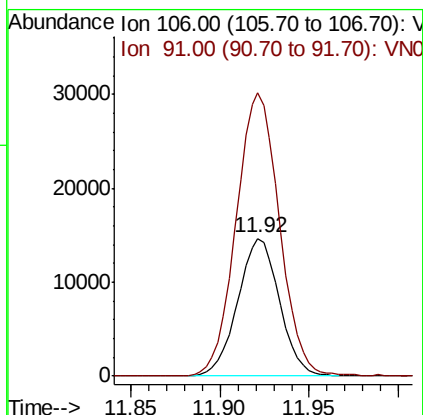
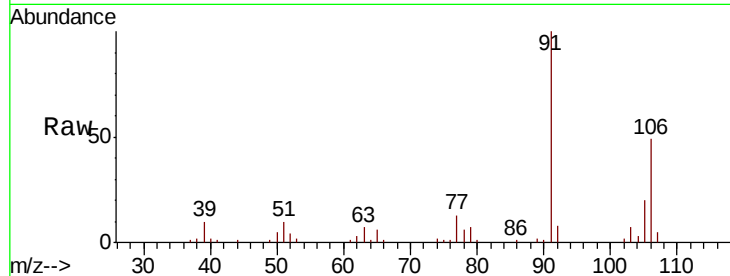




#69
o-Xylene
Concen: 7.624 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

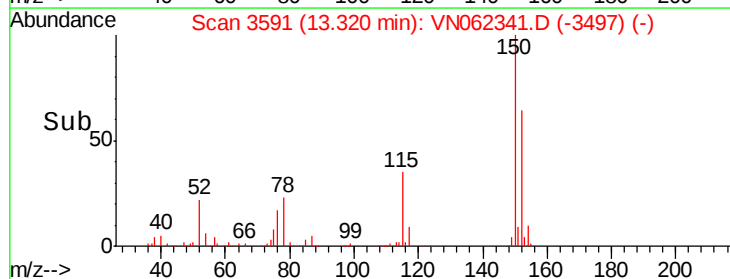
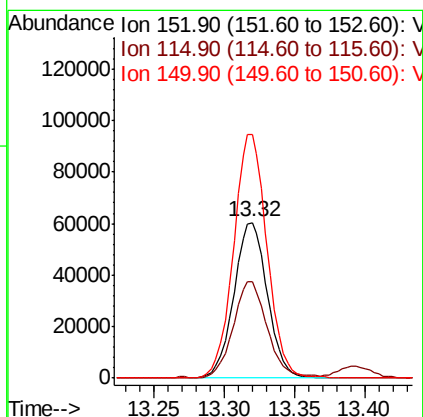
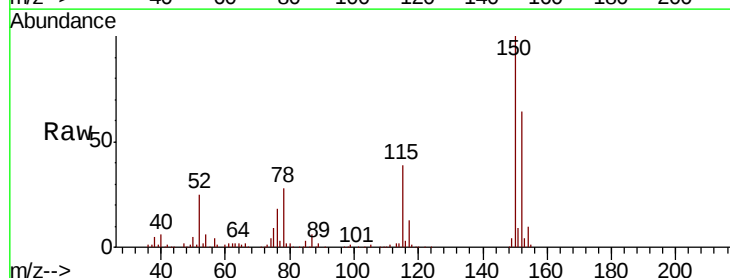
Instrument :
MSVOA_N
ClientSampleId :
MUDDY-DRUMME

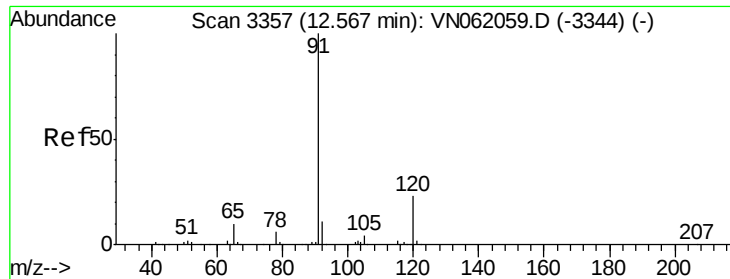
Tot Ion:106 Resp: 23824
Ion Ratio Lower Upper
106 100
91 213.7 104.0 311.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion:152 Resp: 100399
Ion Ratio Lower Upper
152 100
115 62.5 29.5 88.5
150 156.0 0.0 351.4





#78

n-propylbenzene

Concen: 2.011 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

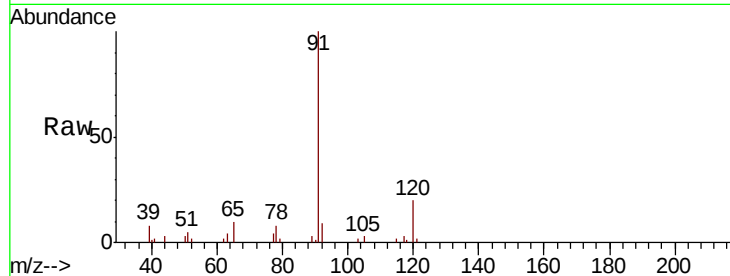
MUDDY-DRUMME

Tot Ion: 91 Resp: 17873

Ion Ratio Lower Upper

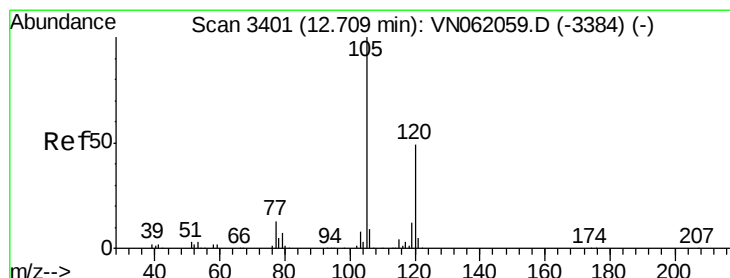
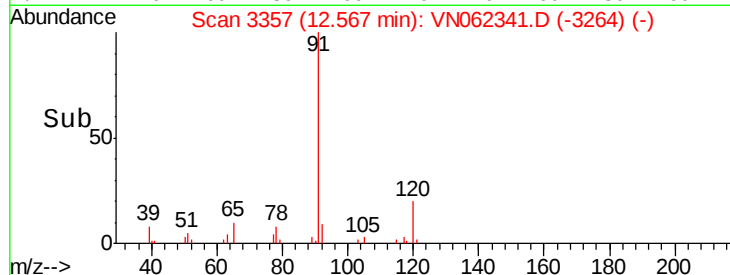
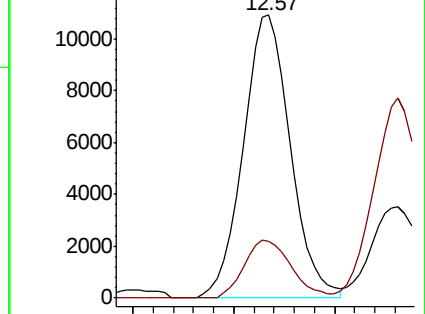
91 100

120 20.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3344) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3344) (-)



#80

1,3,5-Trimethylbenzene

Concen: 8.186 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062341.D

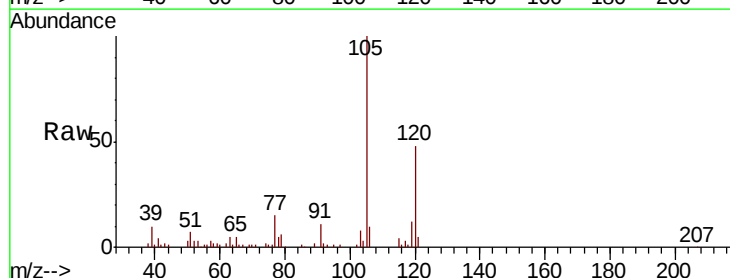
Acq: 2 Jul 2020 18:30

Tgt Ion:105 Resp: 51573

Ion Ratio Lower Upper

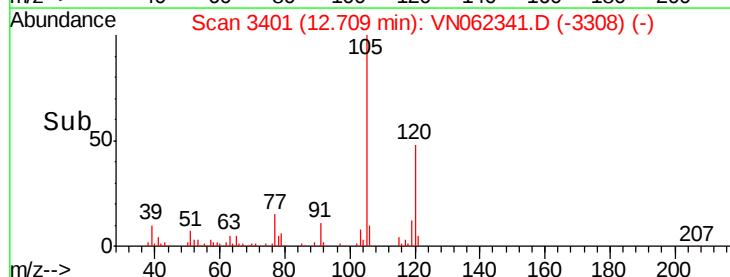
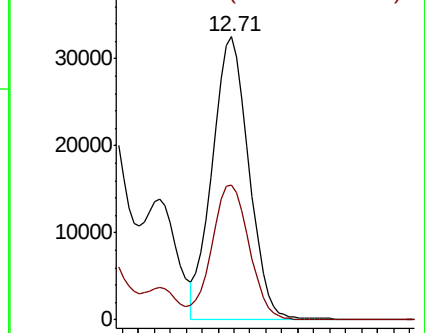
105 100

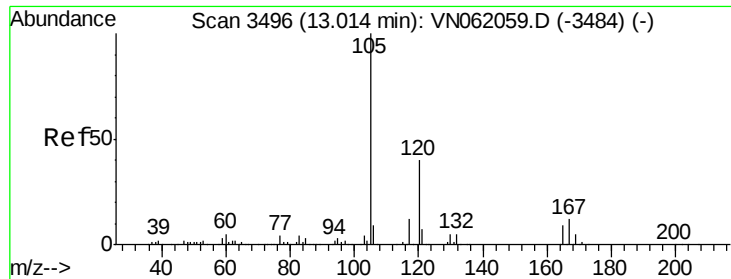
120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)





#84

1,2,4-Trimethylbenzene

Concen: 26.161 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

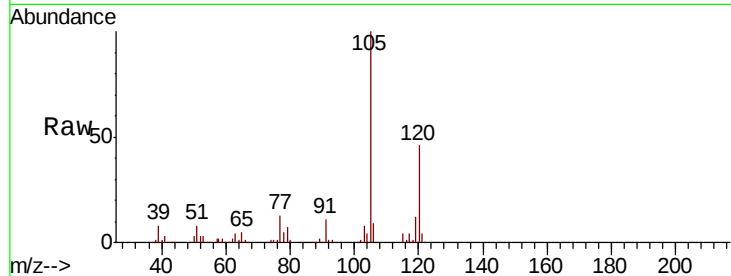
MUDDY-DRUMME

Tot Ion:105 Resp: 164612

Ion Ratio Lower Upper

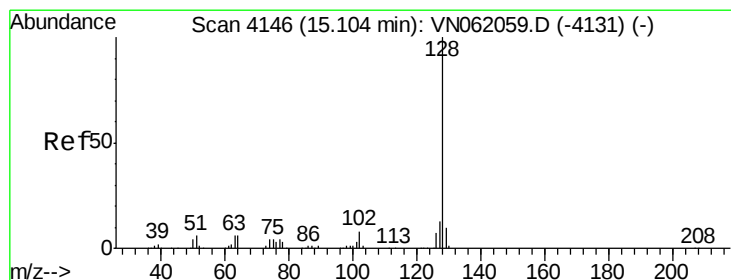
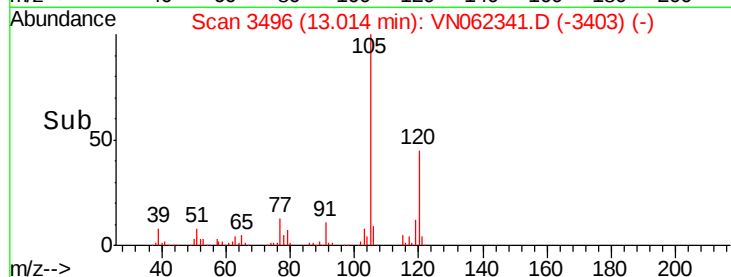
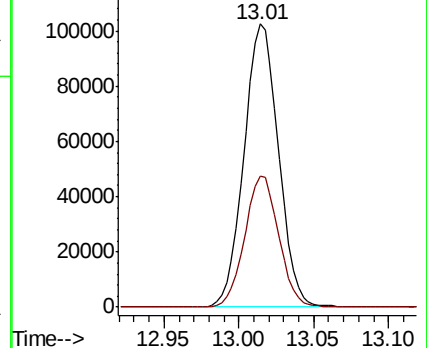
105 100

120 45.5 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 81.985 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

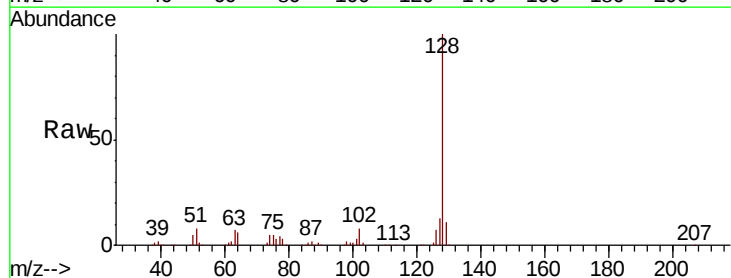
Tgt Ion:128 Resp: 405634

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

