

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061705.D
 Acq On : 8 Jun 2020 18:52
 Operator : JC/MD
 Sample : L2923-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Jun 09 04:28:01 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	287783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	500829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	514332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244584	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	165372	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
35) Dibromofluoromethane	7.55	113	139383	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
50) Toluene-d8	10.06	98	608556	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.38	95	224144	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	

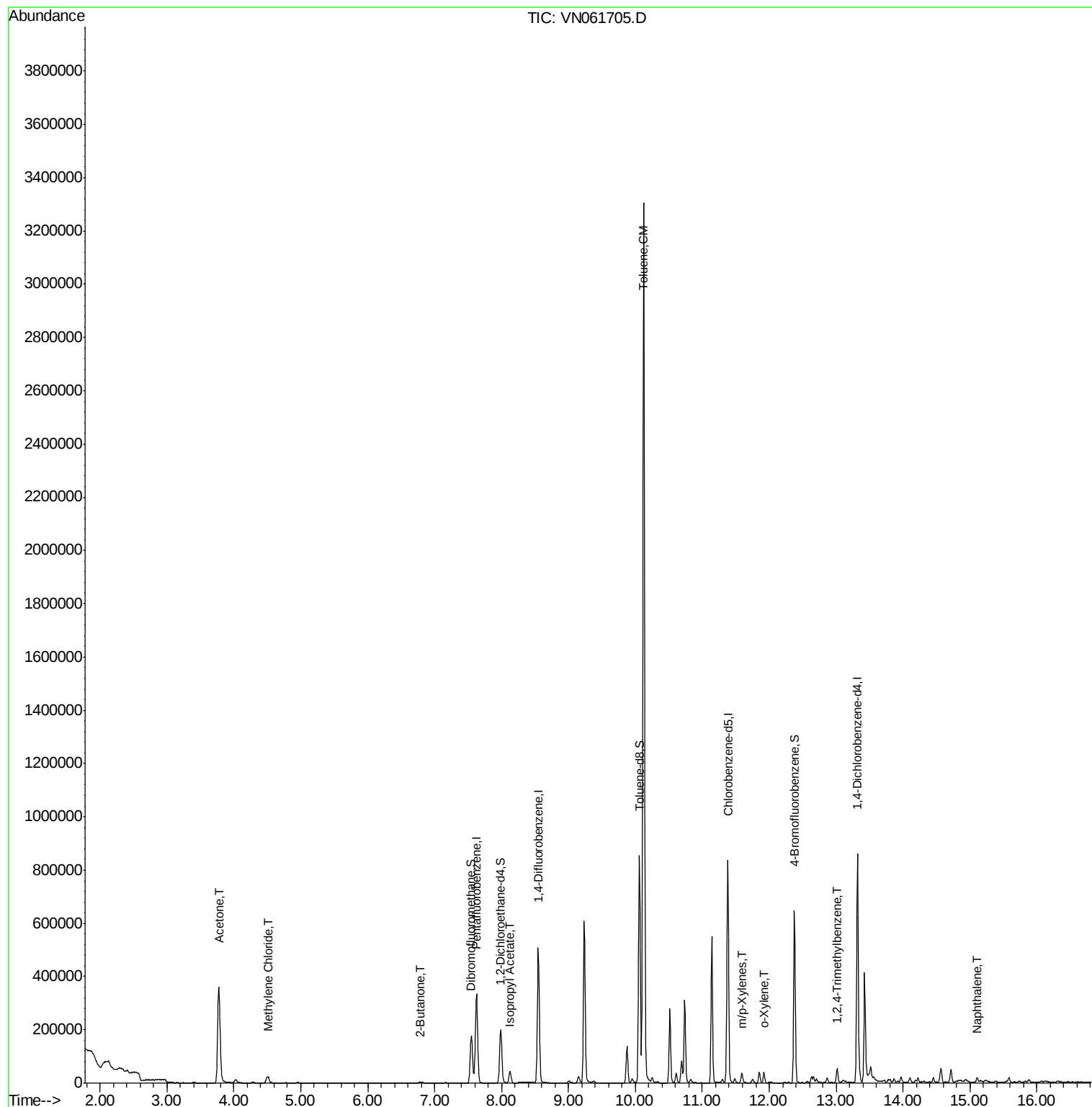
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	586543	630.135	ug/l	98
20) Methylene Chloride	4.50	84	20287	4.942	ug/l	96
25) 2-Butanone	6.79	43	8468	5.211	ug/l	89
43) Isopropyl Acetate	8.13	43	47392	7.377	ug/l #	91
52) Toluene	10.12	92	1535719	171.999	ug/l	99
68) m/p-Xylenes	11.59	106	13268	1.811	ug/l	99
69) o-Xylene	11.92	106	9471	1.361	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	32265	2.177	ug/l	97
95) Naphthalene	15.10	128	14519	1.058	ug/l	96

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

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Quant Title : SW846 8260
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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: VN061705.D

Acq: 8 Jun 2020 18:52

Instrument :

MSVOA_N

ClientSampled :

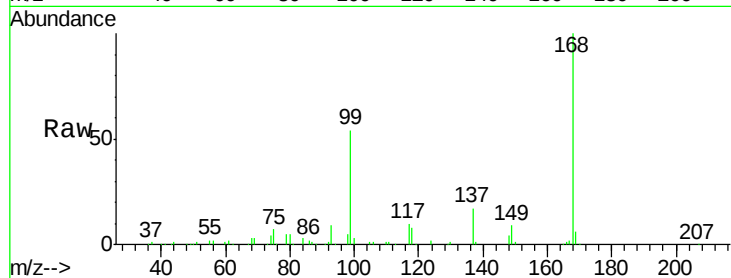
COMP-2

Tot Ion:168 Resp: 287783

Ion Ratio Lower Upper

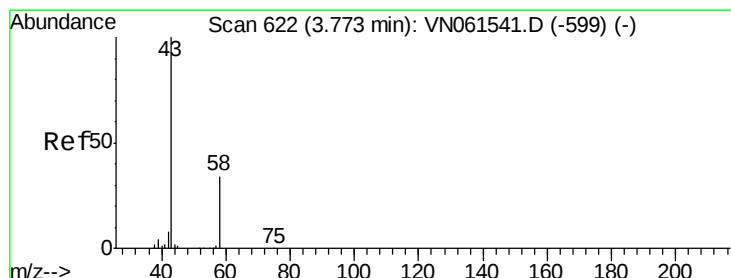
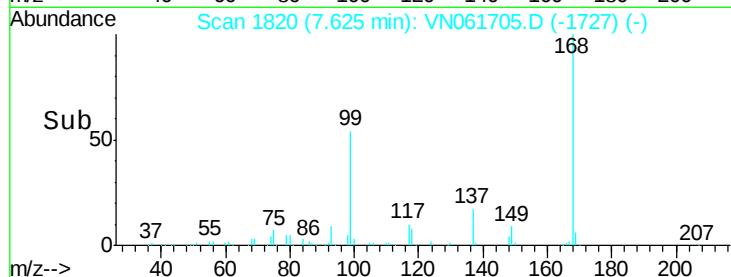
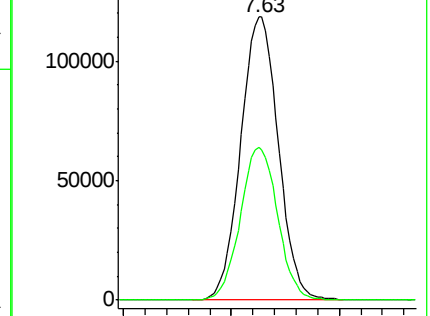
168 100

99 53.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 630.135 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061705.D

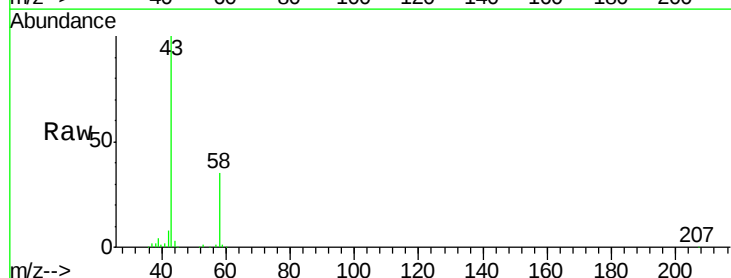
Acq: 8 Jun 2020 18:52

Tgt Ion: 43 Resp: 586543

Ion Ratio Lower Upper

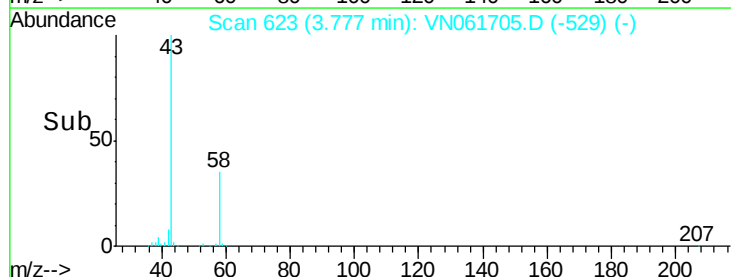
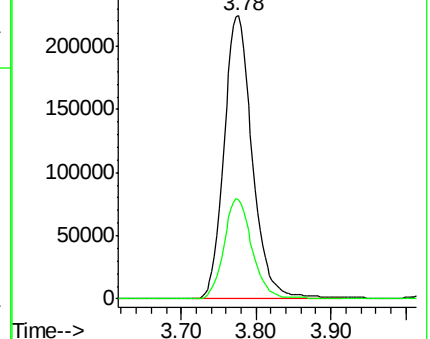
43 100

58 34.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

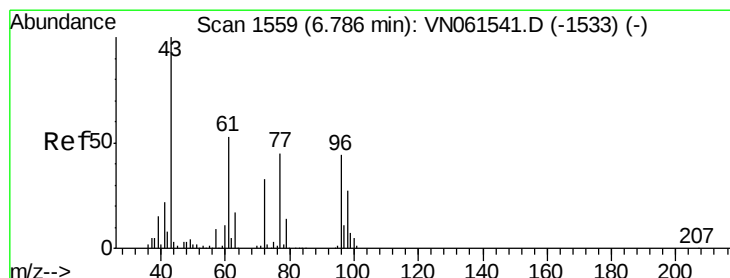
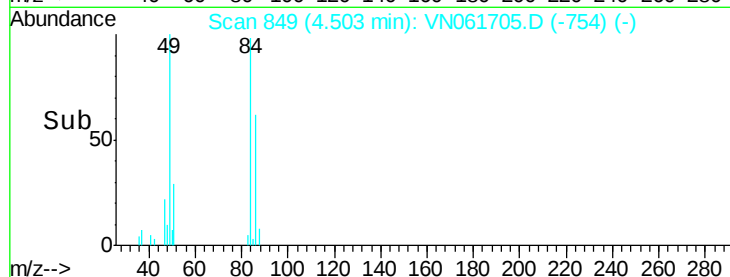
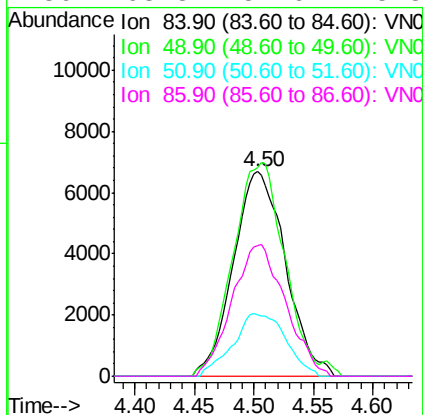
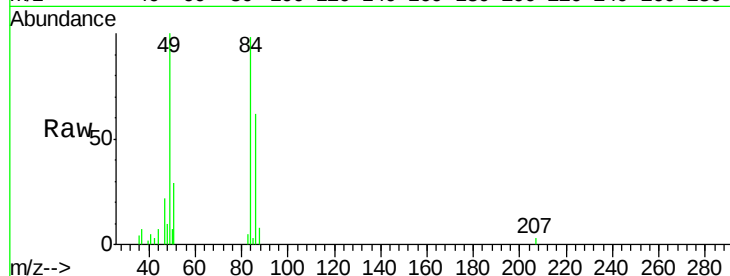




#20
Methvlene Chloride
Concen: 4.942 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061705.D
Acq: 8 Jun 2020 18:52

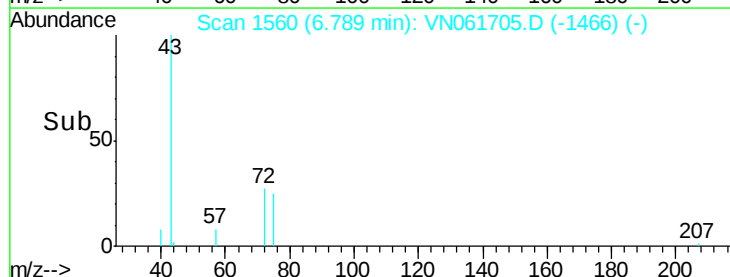
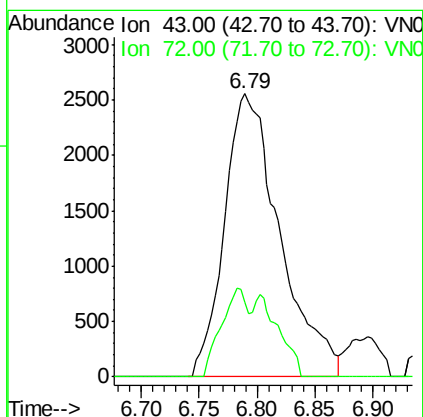
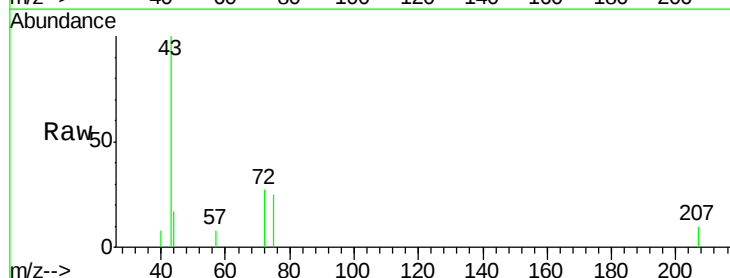
Instrument :
MSVOA_N
ClientSampled :
COMP-2

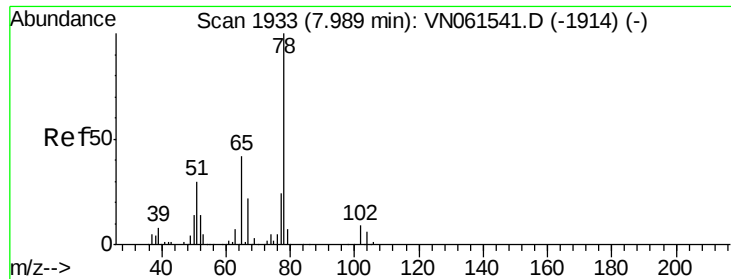
Tot Ion:	84	Resp:	20287
Ion	Ratio	Lower	Upper
84	100		
49	102.1	85.8	128.8
51	30.0	26.2	39.2
86	63.8	52.6	78.8



#25
2-Butanone
Concen: 5.211 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN061705.D
Acq: 8 Jun 2020 18:52

Tgt Ion:	43	Resp:	8468
Ion	Ratio	Lower	Upper
43	100		
72	26.5	26.0	39.0

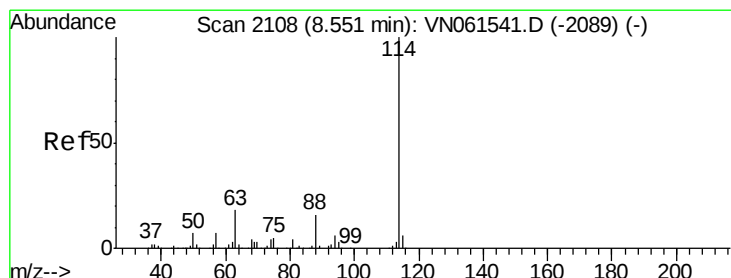
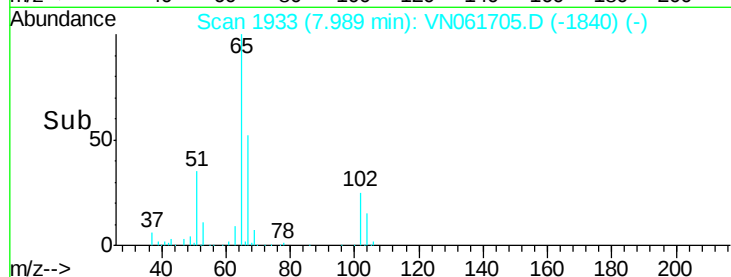
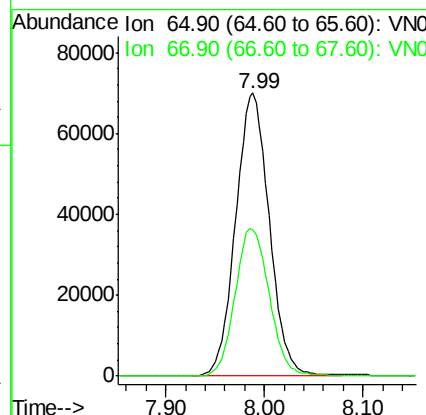
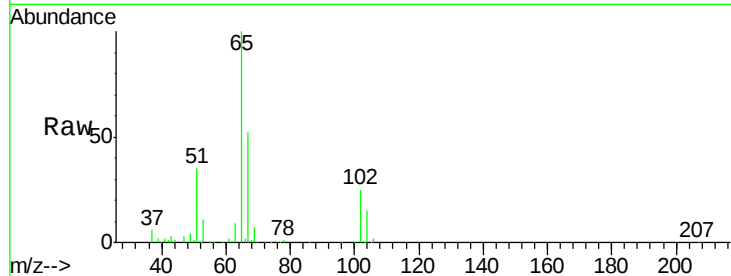




#33
 1,2-Dichloroethane-d4
 Concen: 48.231 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061705.D
 Acq: 8 Jun 2020 18:52

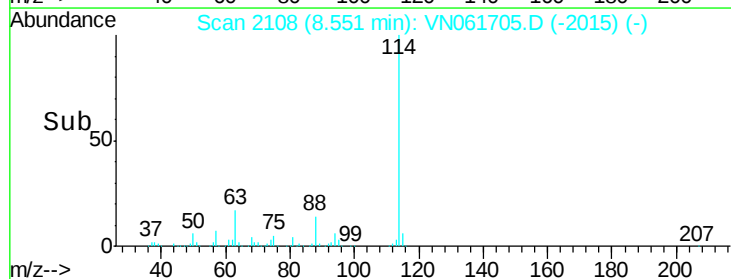
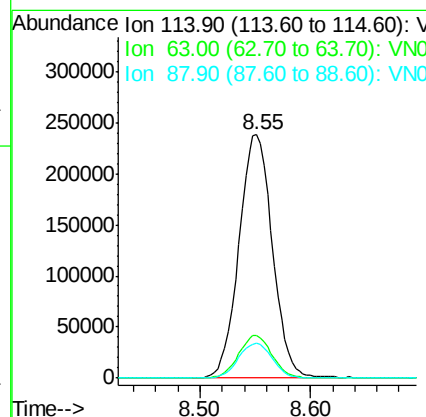
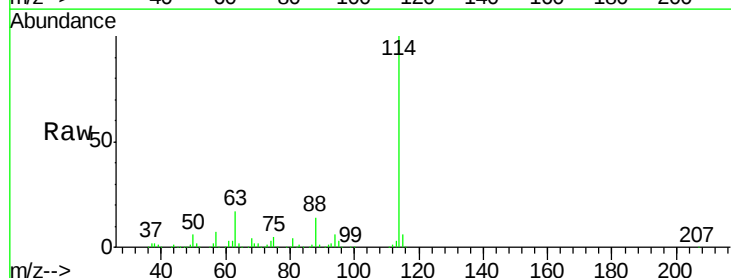
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

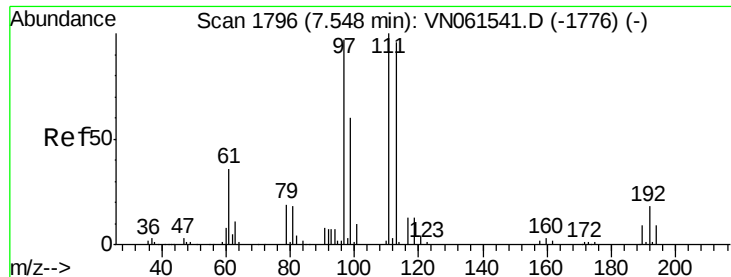
Tot Ion: 65 Resp: 165372
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061705.D
 Acq: 8 Jun 2020 18:52

Tgt Ion: 114 Resp: 500829
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.8
 88 14.2 0.0 31.0

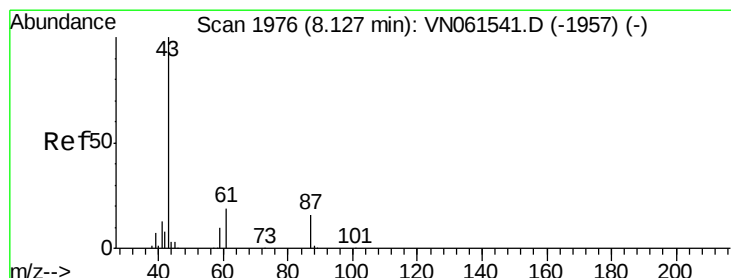
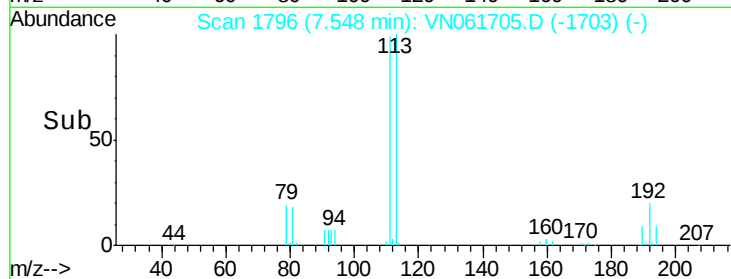
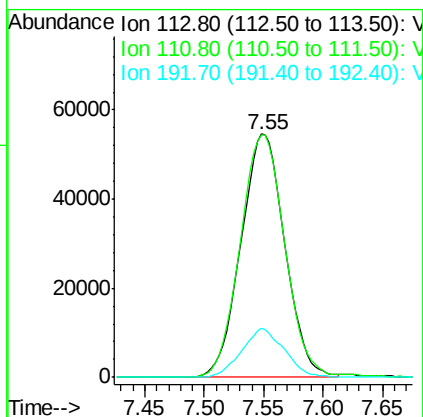
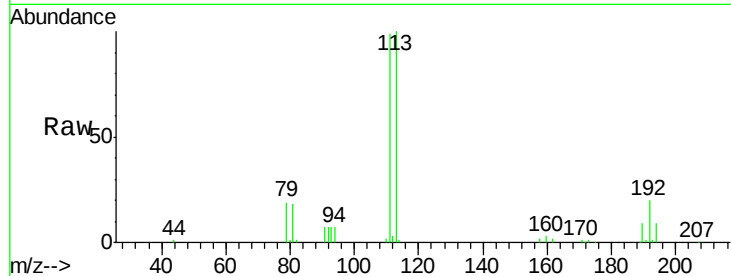




#35
 Dibromofluoromethane
 Concen: 54.862 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061705.D
 Acq: 8 Jun 2020 18:52

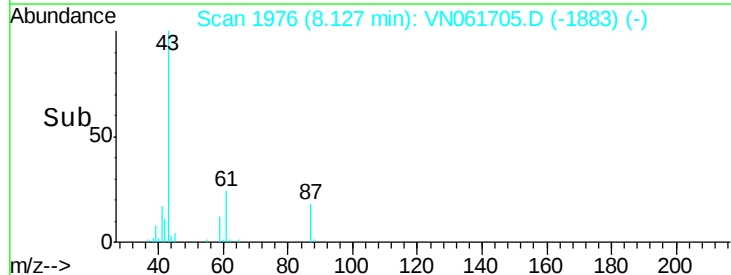
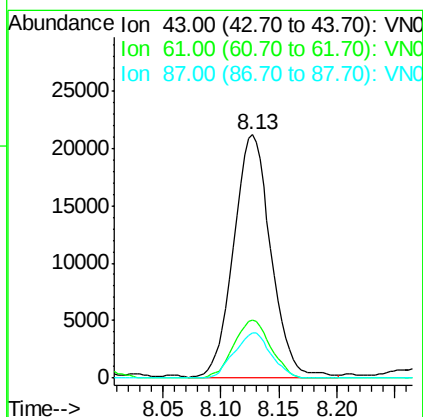
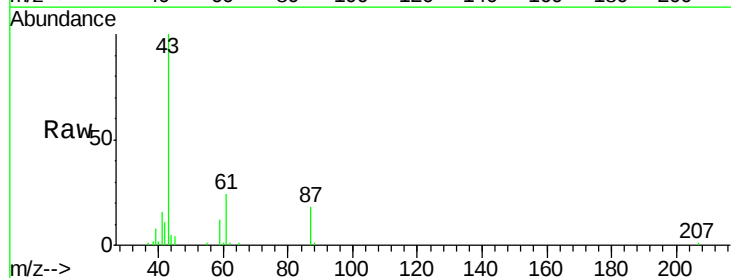
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

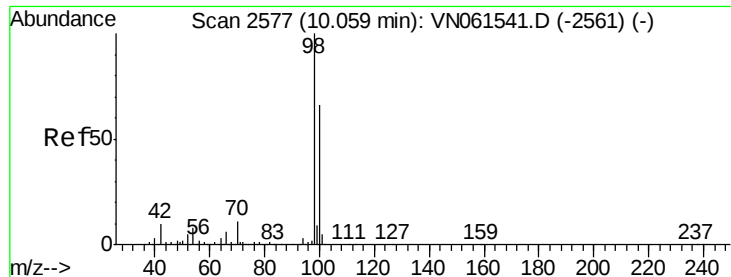
Tot Ion:113 Resp: 139383
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.4 125.0
 192 19.5 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 7.377 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061705.D
 Acq: 8 Jun 2020 18:52

Tgt Ion: 43 Resp: 47392
 Ion Ratio Lower Upper
 43 100
 61 23.4 23.6 35.4#
 87 18.2 13.0 19.6





#50

Toluene-d8

Concen: 51.688 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061705.D

Acq: 8 Jun 2020 18:52

Instrument :

MSVOA_N

ClientSampleId :

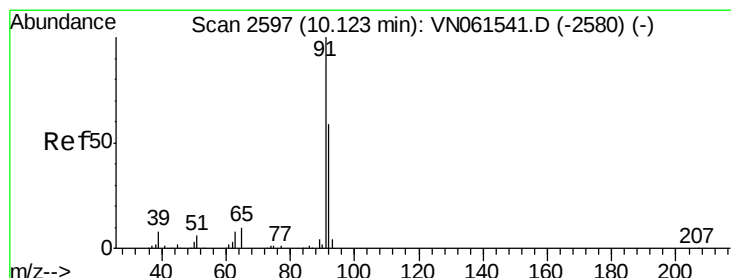
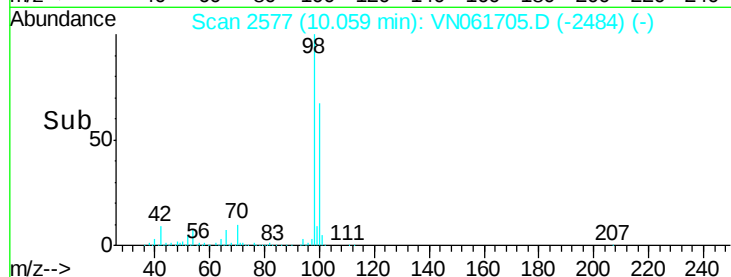
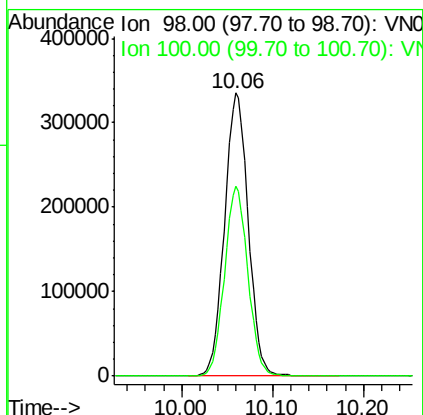
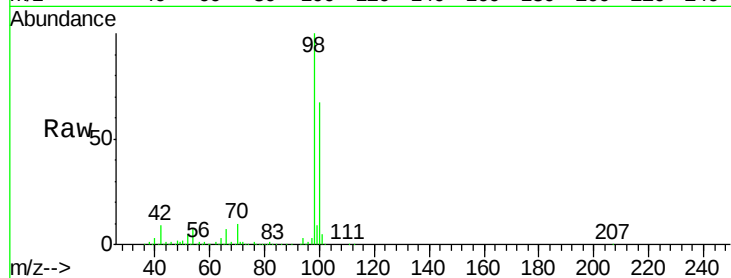
COMP-2

Tot Ion: 98 Resp: 608556

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



#52

Toluene

Concen: 171.999 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061705.D

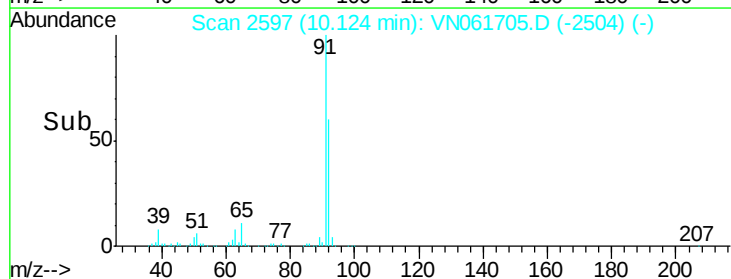
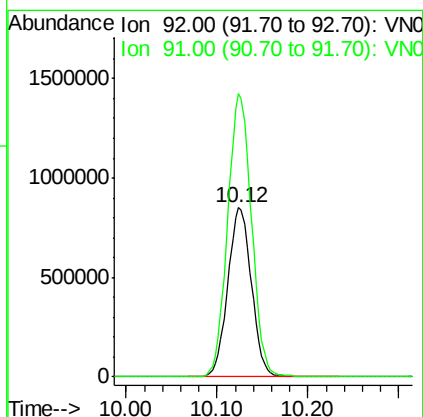
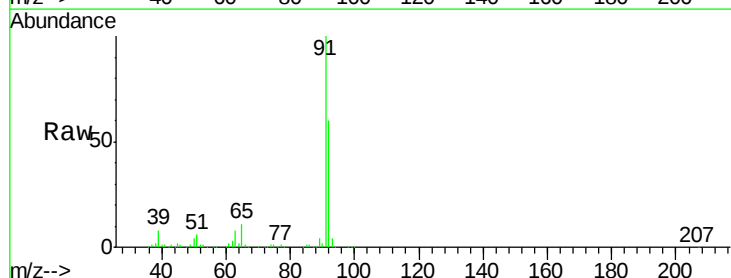
Acq: 8 Jun 2020 18:52

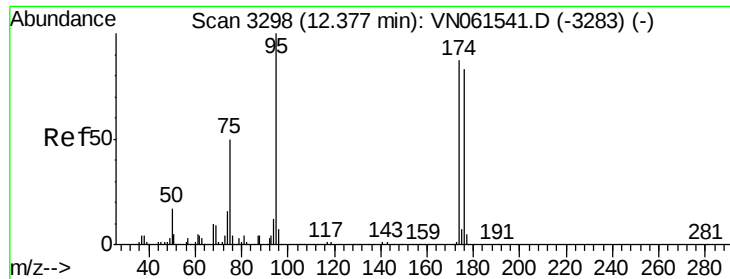
Tgt Ion: 92 Resp: 1535719

Ion Ratio Lower Upper

92 100

91 169.6 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 52.182 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061705.D

Acq: 8 Jun 2020 18:52

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

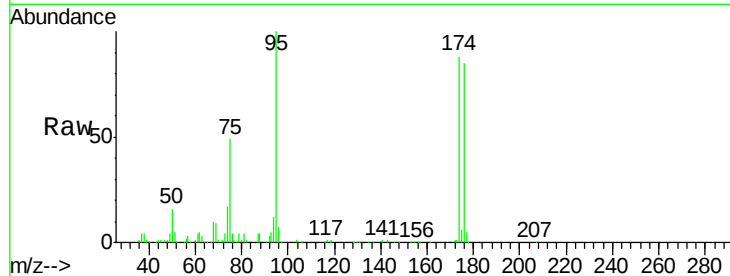
Tot Ion: 95 Resp: 224144

Ion Ratio Lower Upper

95 100

174 87.6 0.0 172.8

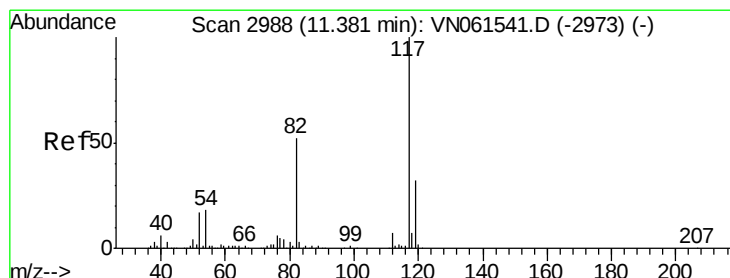
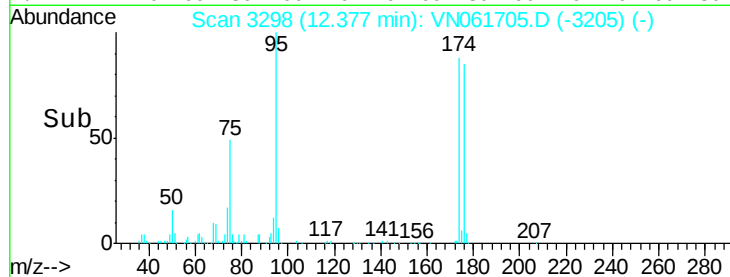
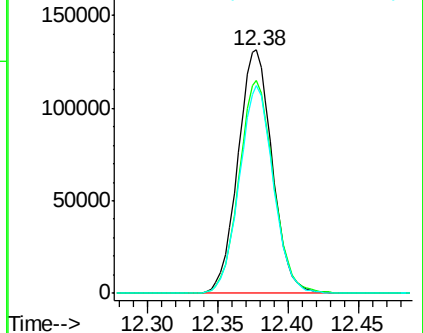
176 84.5 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061705.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061705.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061705.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061705.D

Acq: 8 Jun 2020 18:52

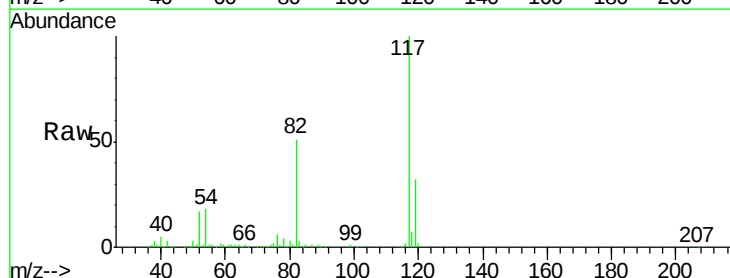
Tgt Ion: 117 Resp: 514332

Ion Ratio Lower Upper

117 100

82 51.5 41.5 62.3

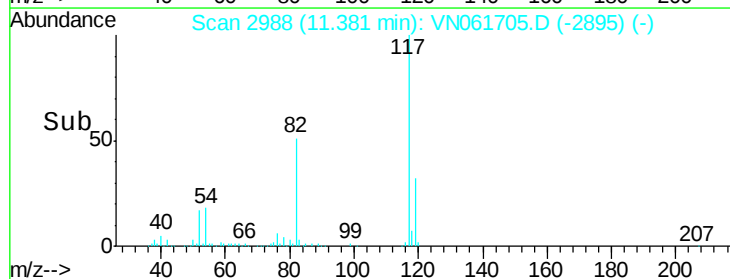
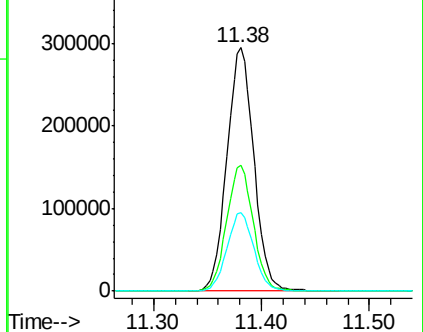
119 32.4 25.6 38.4

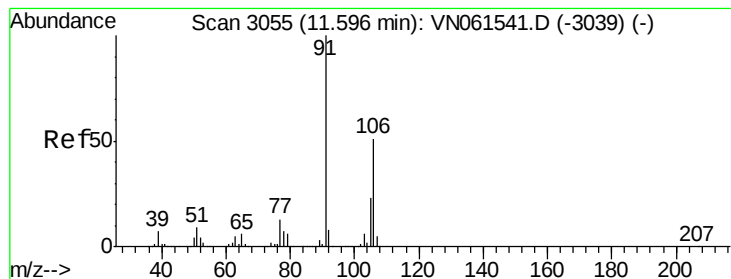


Abundance Ion 116.90 (116.60 to 117.60): VN061705.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061705.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061705.D (-2895) (-)





#68

m/p-Xylenes

Concen: 1.811 ug/l

RT: 11.59 min Scan# 3053

Delta R.T. -0.01 min

Lab File: VN061705.D

Acq: 8 Jun 2020 18:52

Instrument :

MSVOA_N

ClientSampled :

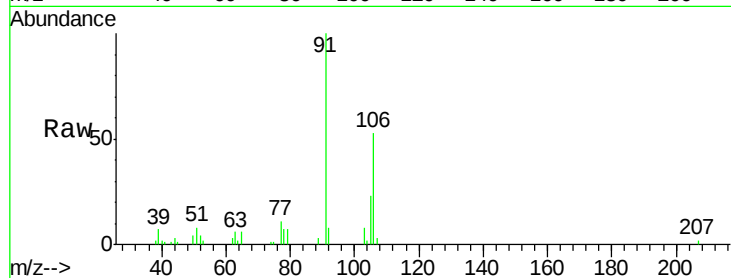
COMP-2

Tot Ion:106 Resp: 13268

Ion Ratio Lower Upper

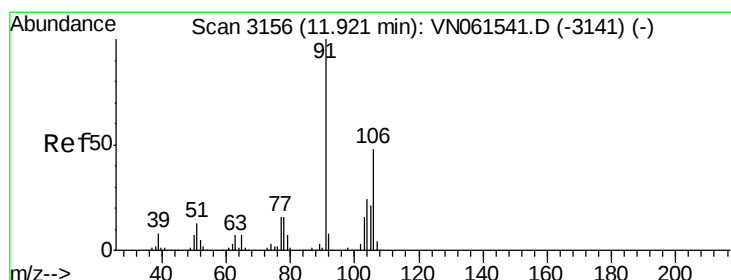
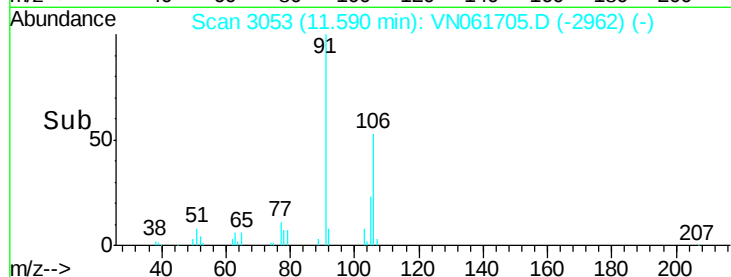
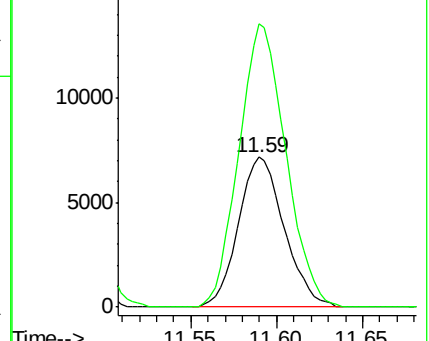
106 100

91 193.6 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 1.361 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061705.D

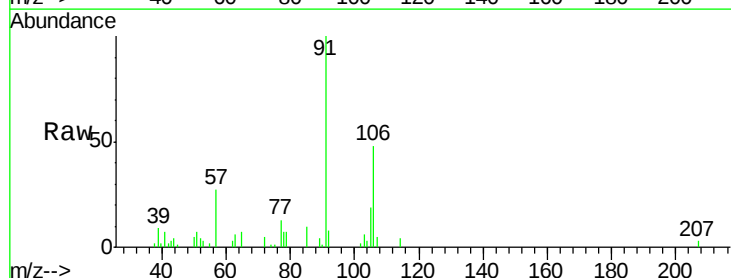
Acq: 8 Jun 2020 18:52

Tgt Ion:106 Resp: 9471

Ion Ratio Lower Upper

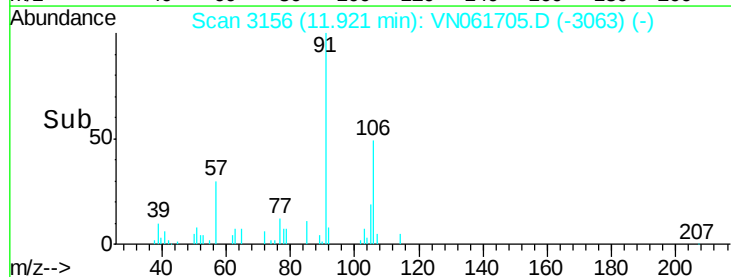
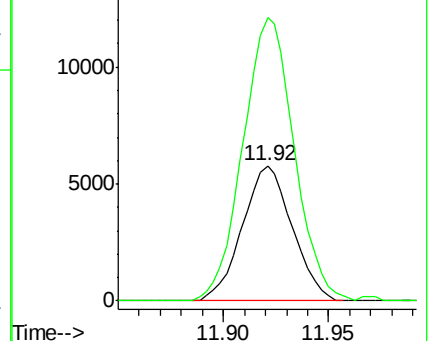
106 100

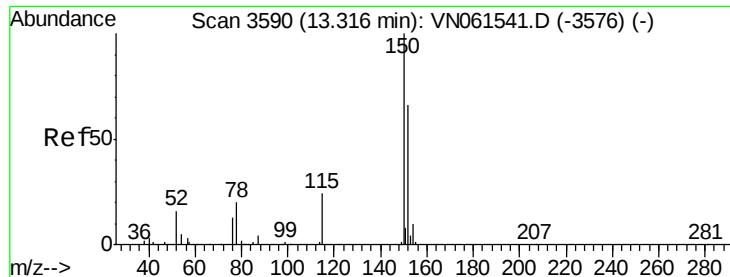
91 215.7 103.3 309.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061705.D

Acq: 8 Jun 2020 18:52

Instrument :

MSVOA_N

ClientSampled :

COMP-2

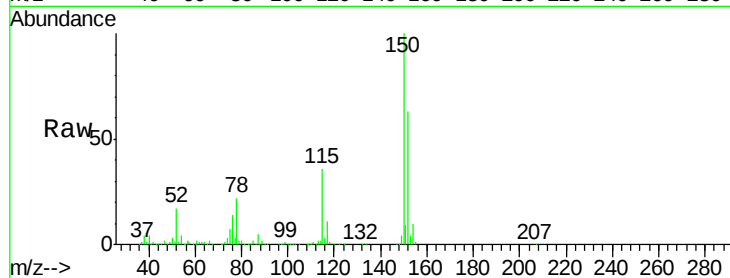
Tot Ion:152 Resp: 244584

Ion Ratio Lower Upper

152 100

115 56.7 28.0 84.0

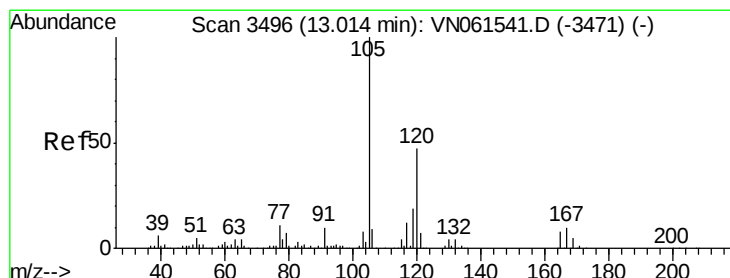
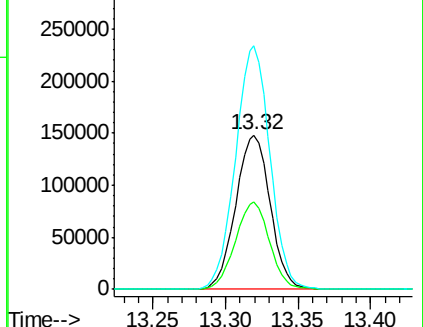
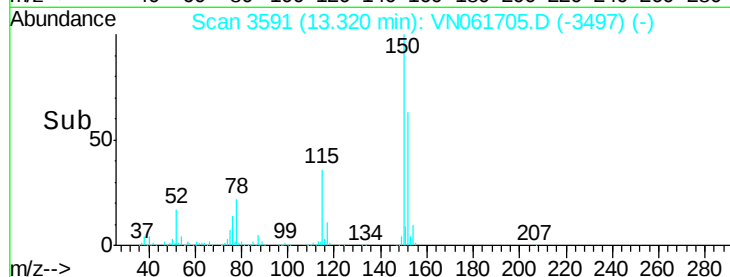
150 157.6 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 2.177 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.00 min

Lab File: VN061705.D

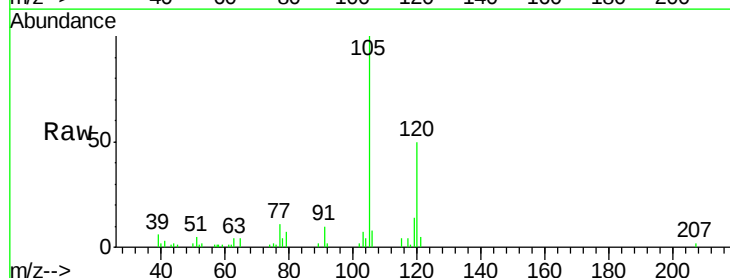
Acq: 8 Jun 2020 18:52

Tgt Ion:105 Resp: 32265

Ion Ratio Lower Upper

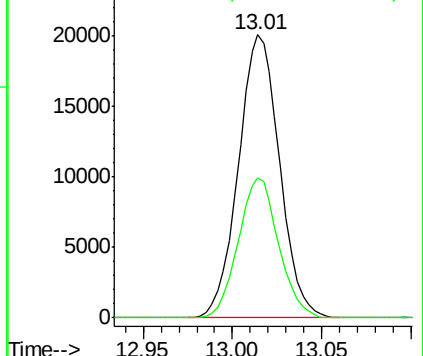
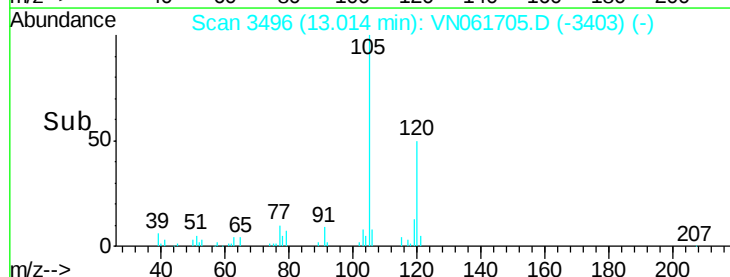
105 100

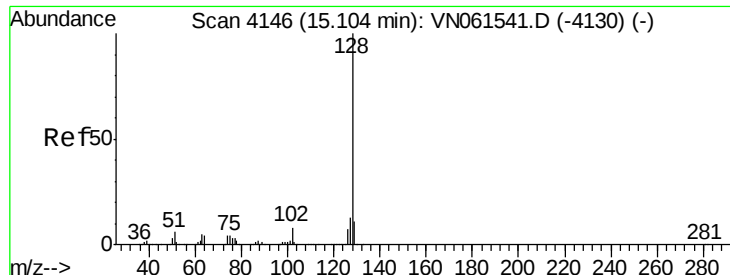
120 48.5 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.058 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061705.D

Acq: 8 Jun 2020 18:52

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

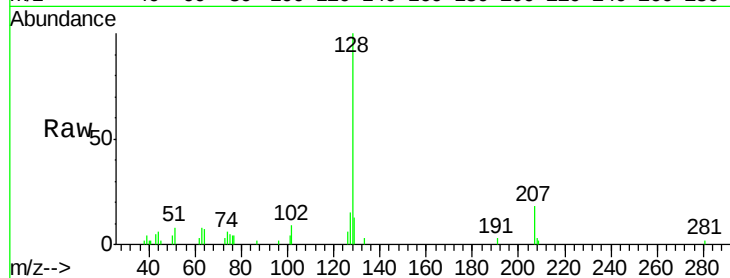
Tot Ion:128 Resp: 14519

Ion Ratio Lower Upper

128 100

127 14.5 10.0 15.0

129 11.7 8.5 12.7



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

