

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056149.D
 Acq On : 8 Jun 2019 13:18
 Operator : JC/SP
 Sample : K3225-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-MMW-3414

Quant Time: Jun 10 02:36:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

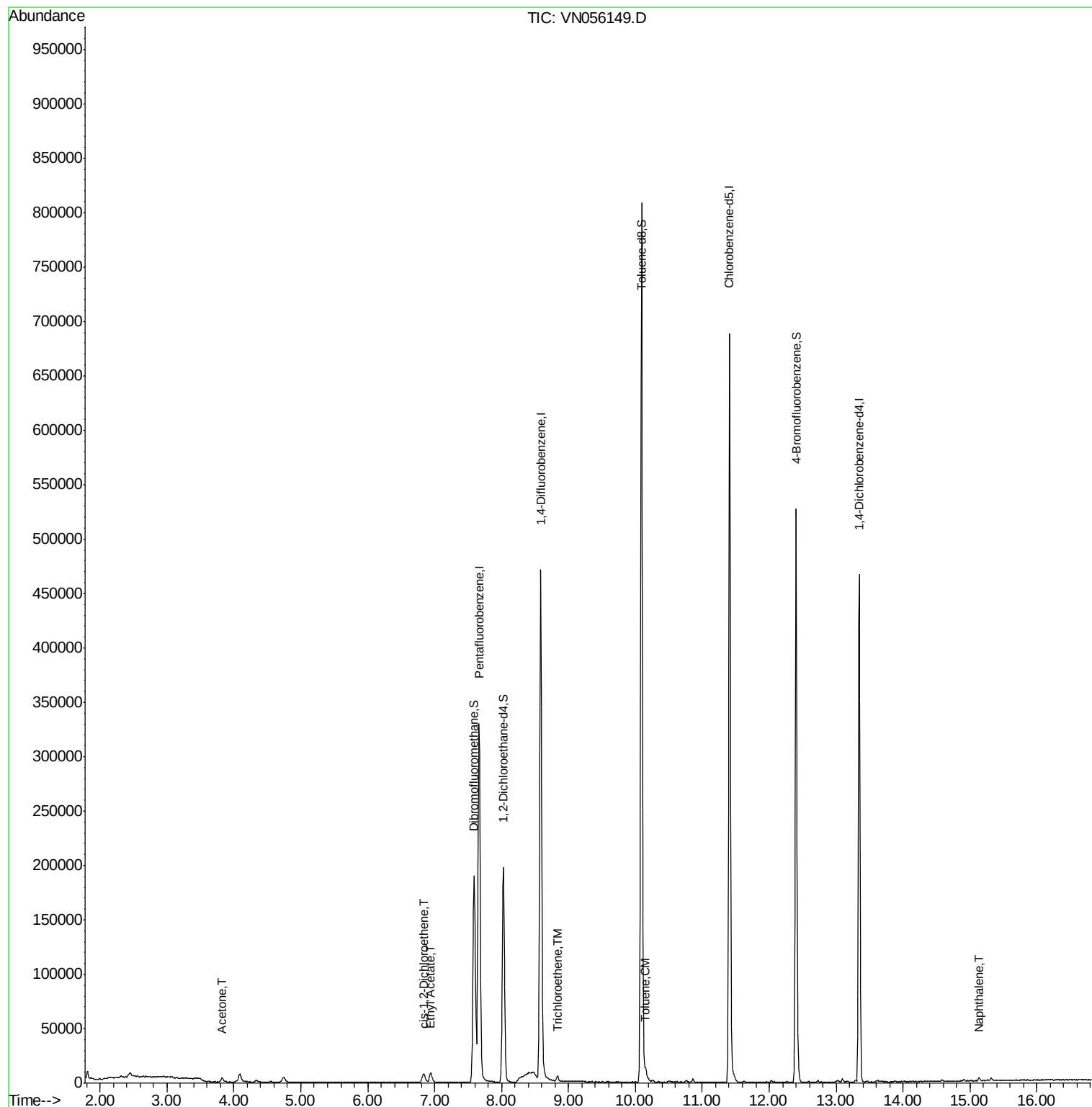
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	315159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	465649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	450977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	165886	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.59	113	146488	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.09	98	600679	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
62) 4-Bromofluorobenzene	12.40	95	187730	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
Target Compounds						
16) Acetone	3.82	43	6799	4.543	ug/l #	80
27) cis-1,2-Dichloroethene	6.83	96	4113	1.234	ug/l	83
37) Ethyl Acetate	6.94	43	16507	4.634	ug/l	97
44) Trichloroethene	8.84	130	1891	0.541	ug/l	99
52) Toluene	10.16	92	2937	0.388	ug/l	91
95) Naphthalene	15.14	128	3846	4.376	ug/l #	88

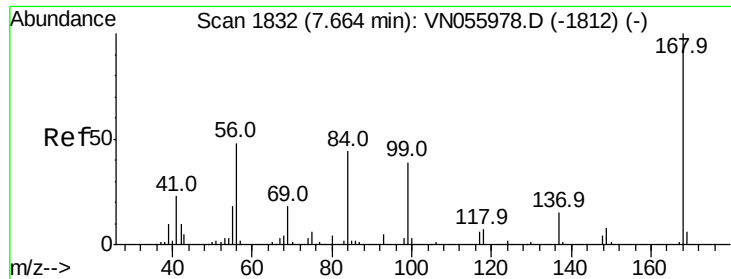
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056149.D

Acq: 8 Jun 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

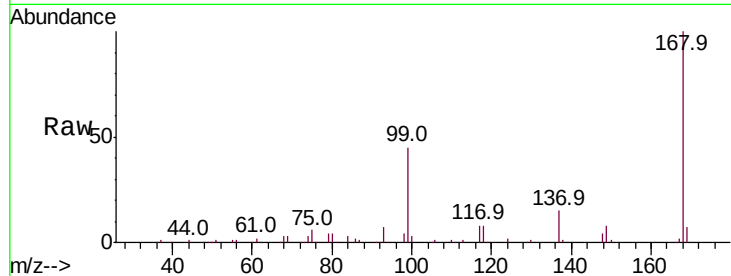
SP19-MMW-3414

Tot Ion:168 Resp: 315159

Ion Ratio Lower Upper

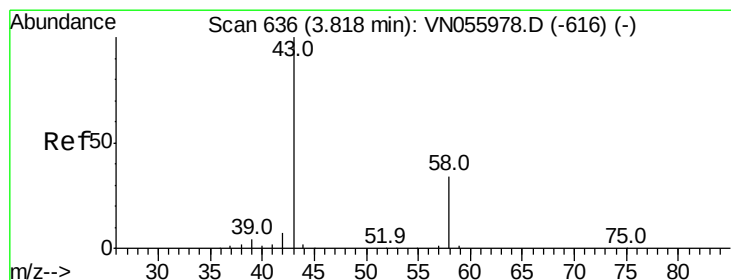
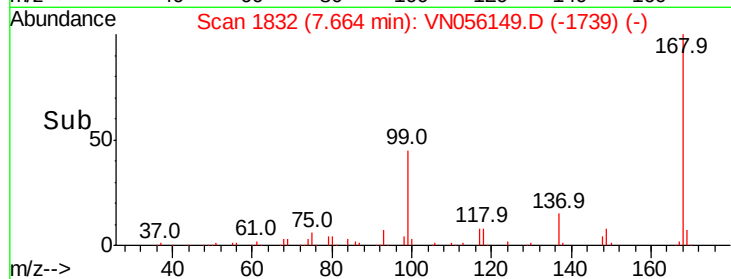
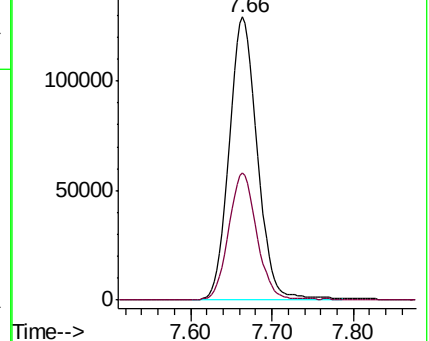
168 100

99 45.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)



#16

Acetone

Concen: 4.543 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056149.D

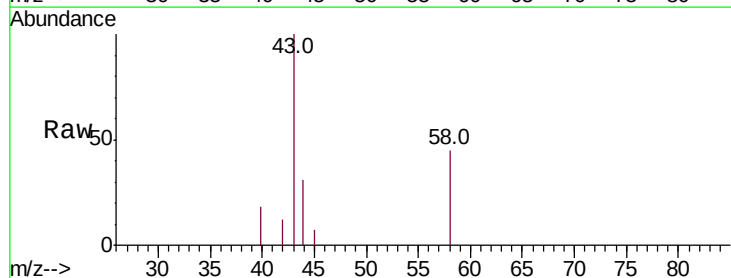
Acq: 8 Jun 2019 13:18

Tgt Ion: 43 Resp: 6799

Ion Ratio Lower Upper

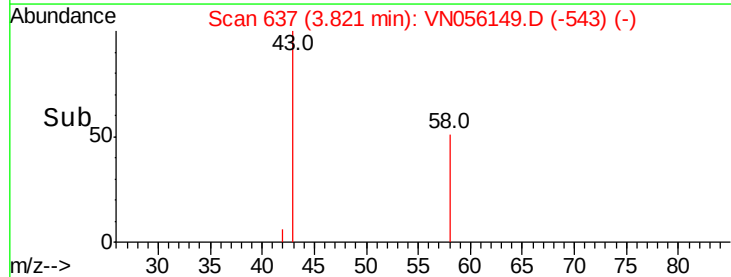
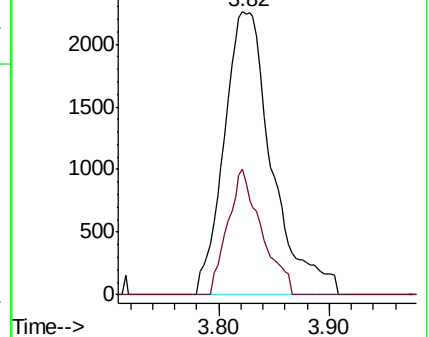
43 100

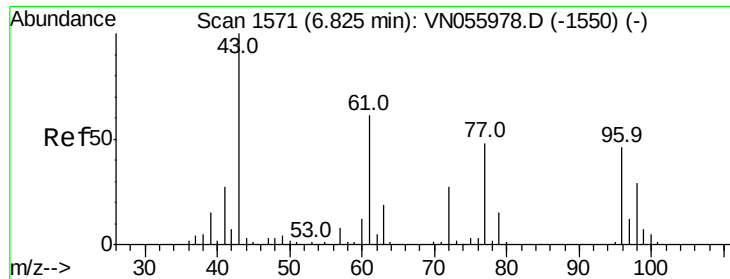
58 44.7 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)





#27

cis-1,2-Dichloroethene

Concen: 1.234 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056149.D

Acq: 8 Jun 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

SP19-MMW-3414

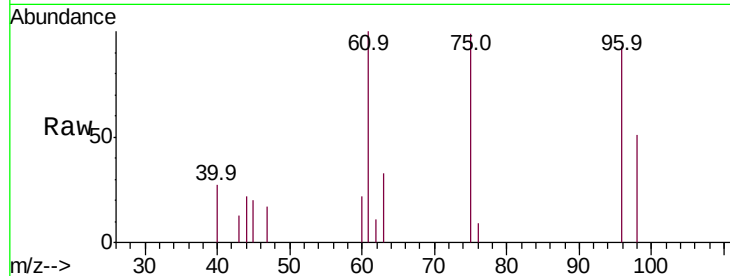
Tot Ion: 96 Resp: 4113

Ion Ratio Lower Upper

96 100

61 112.6 0.0 275.8

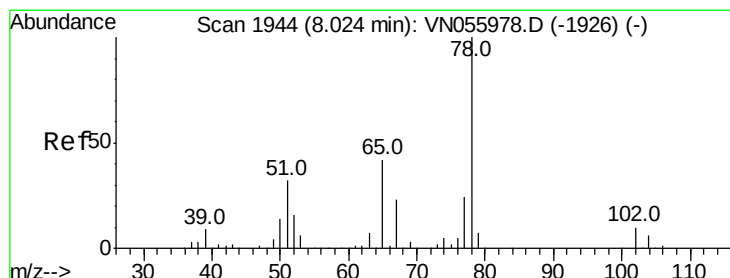
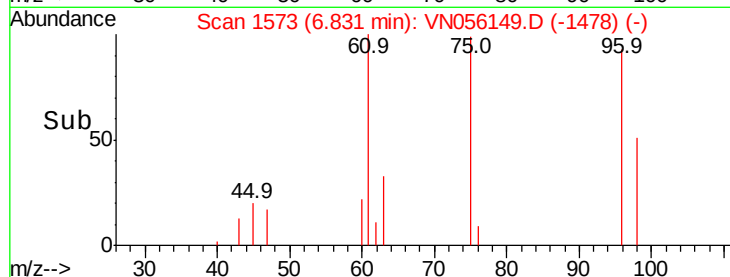
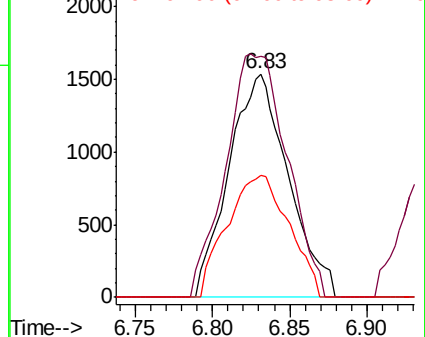
98 57.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.011 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056149.D

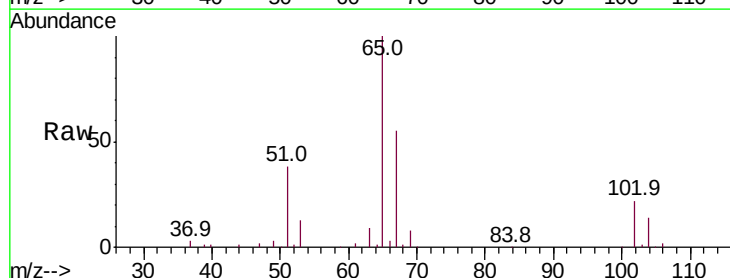
Acq: 8 Jun 2019 13:18

Tgt Ion: 65 Resp: 165886

Ion Ratio Lower Upper

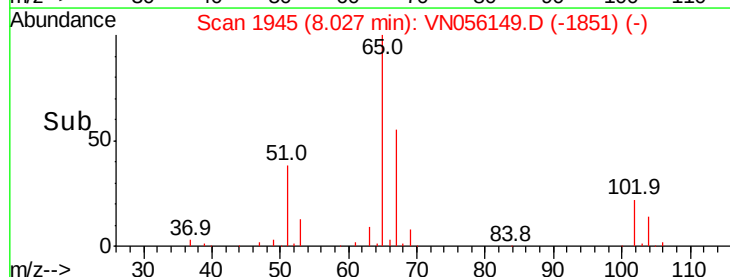
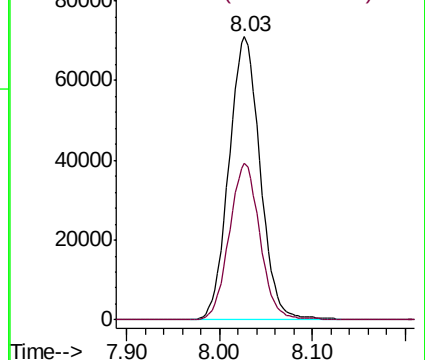
65 100

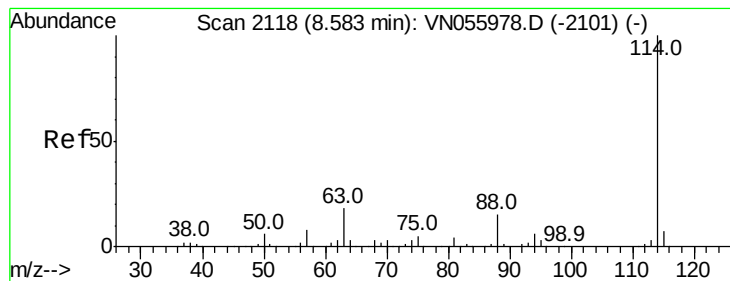
67 54.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056149.D

Acq: 8 Jun 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

SP19-MMW-3414

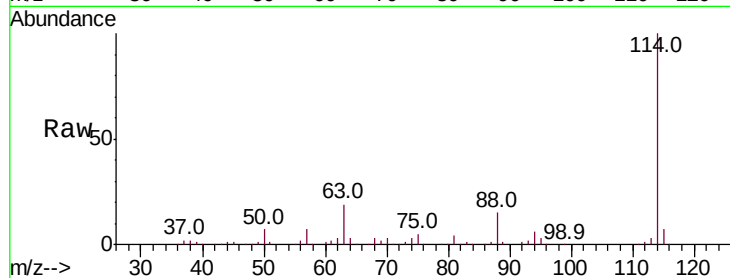
Tot Ion:114 Resp: 465649

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

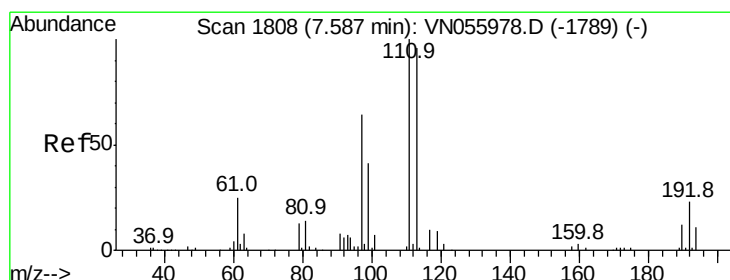
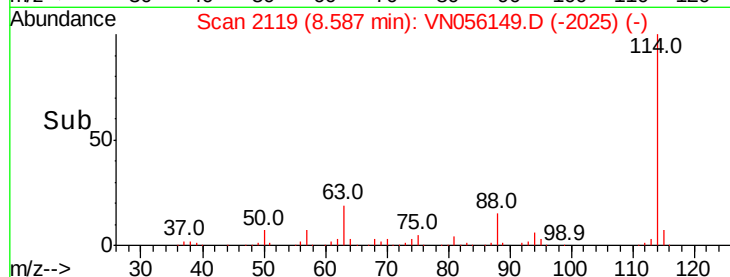
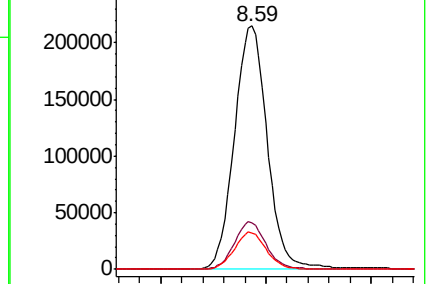
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.275 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056149.D

Acq: 8 Jun 2019 13:18

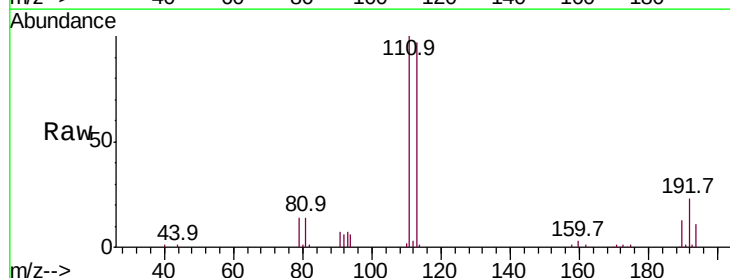
Tgt Ion:113 Resp: 146488

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

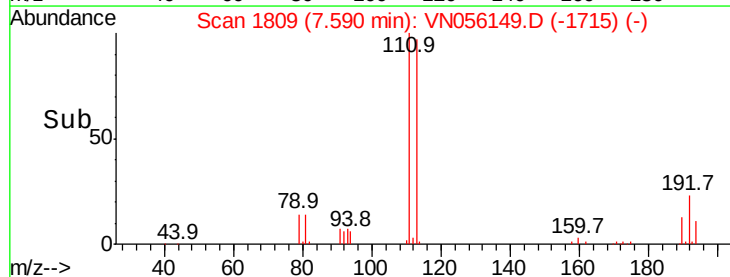
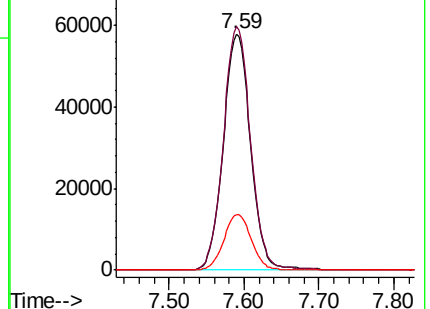
192 23.7 19.5 29.3

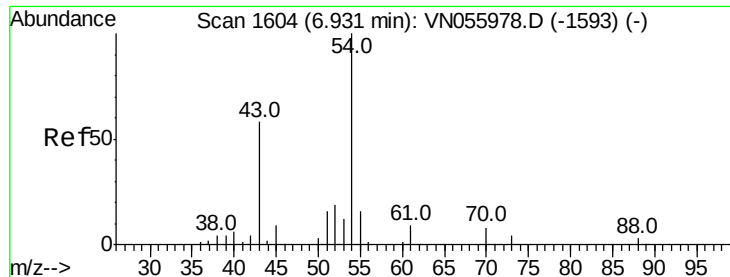


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

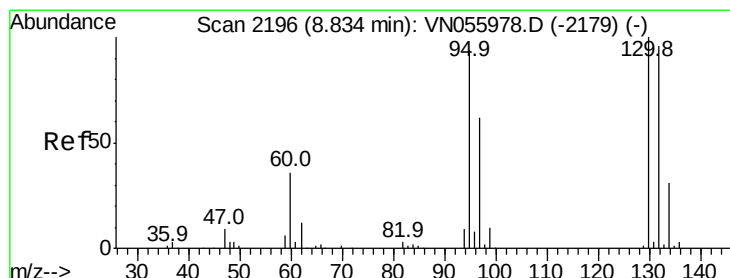
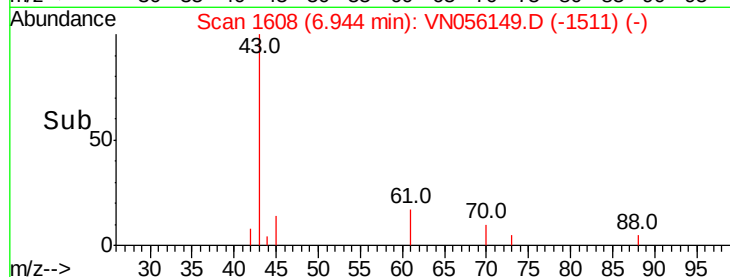
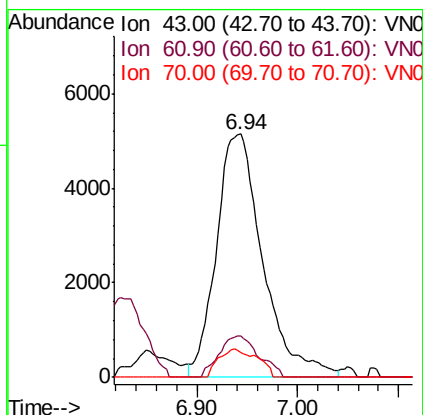
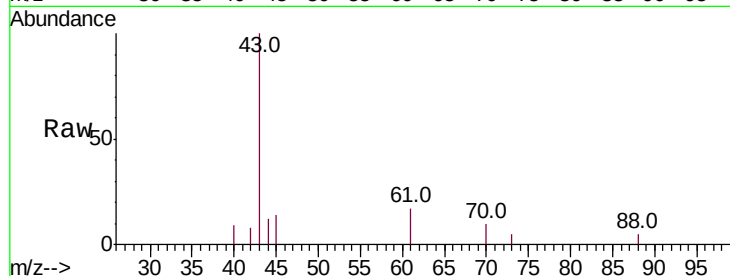




#37
Ethyl Acetate
Concen: 4.634 ug/l
RT: 6.94 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

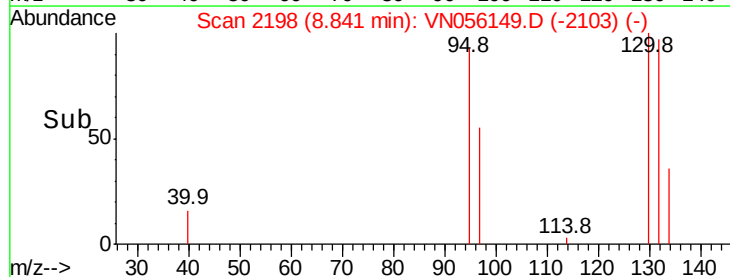
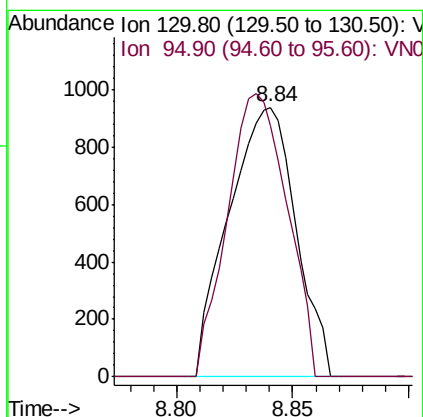
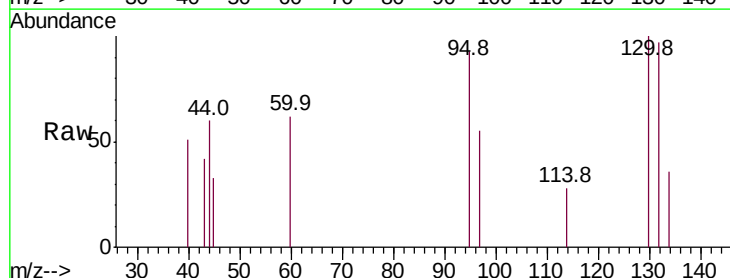
Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

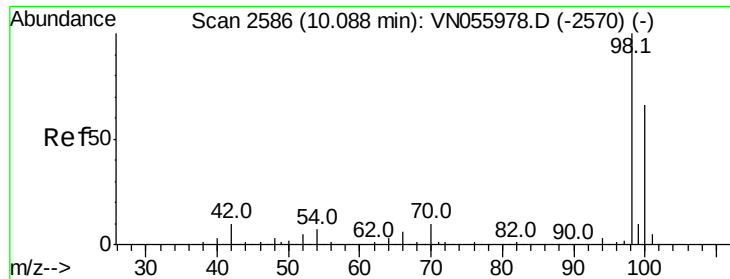
Tot Ion: 43 Resp: 16507
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.2
70 9.6 8.9 13.3



#44
Trichloroethene
Concen: 0.541 ug/l
RT: 8.84 min Scan# 2198
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 130 Resp: 1891
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.0

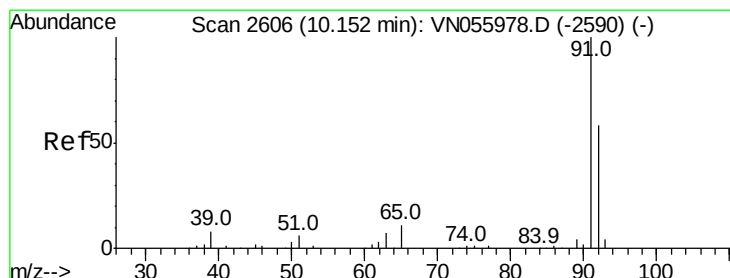
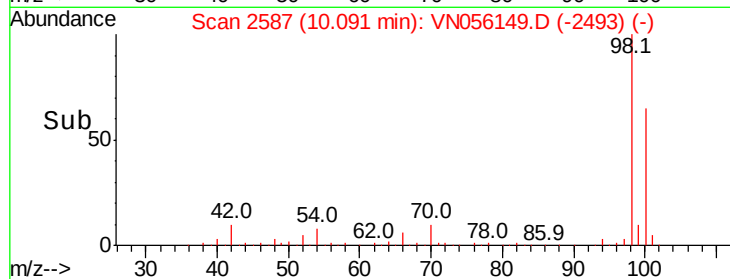
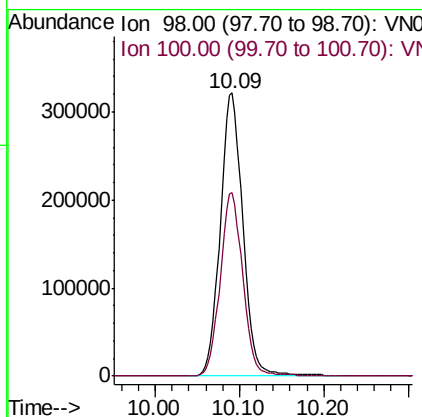
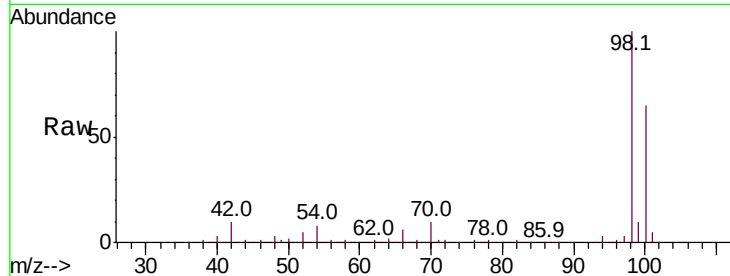




#50
Toluene-d8
Concen: 54.640 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

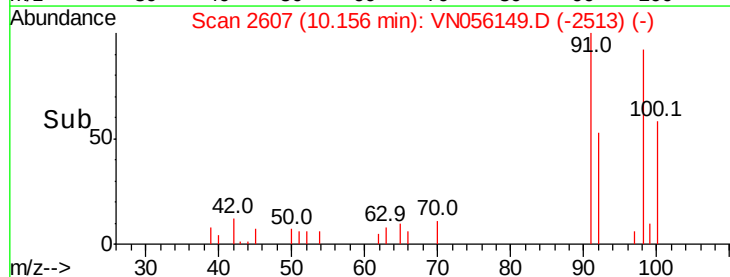
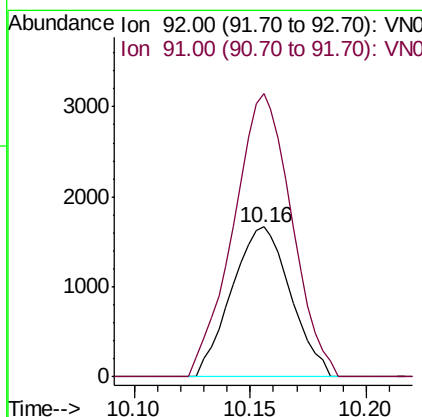
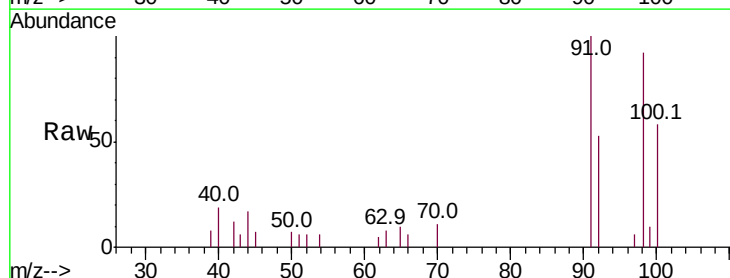
Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

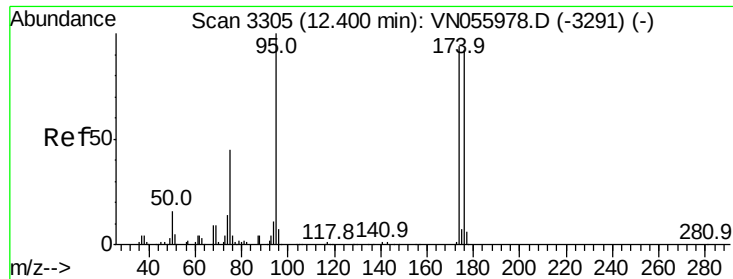
Tot Ion: 98 Resp: 600679
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#52
Toluene
Concen: 0.388 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 92 Resp: 2937
Ion Ratio Lower Upper
92 100
91 187.3 139.4 209.2





#62

4-Bromofluorobenzene

Concen: 50.214 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056149.D

Acq: 8 Jun 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

SP19-MMW-3414

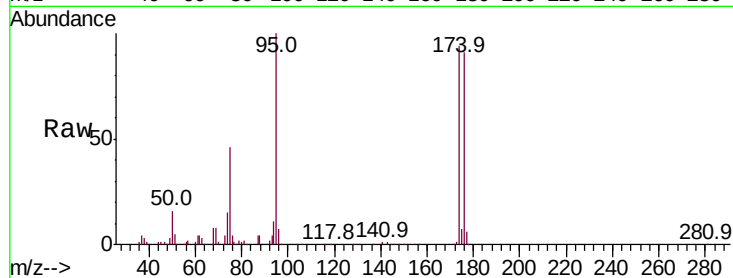
Tot Ion: 95 Resp: 187730

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

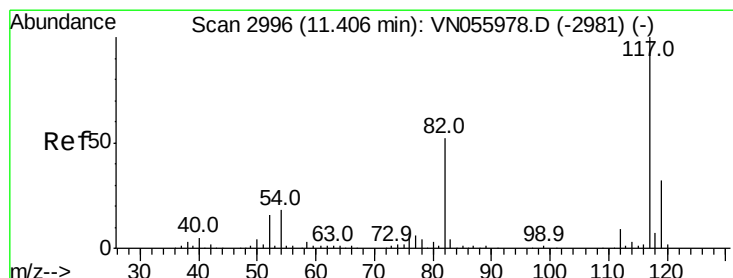
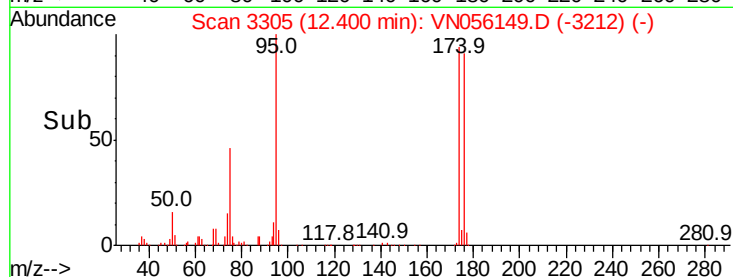
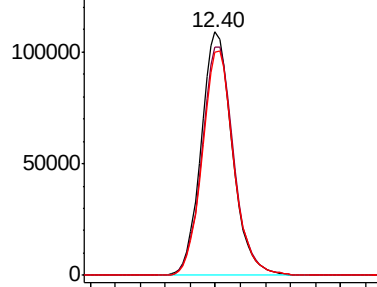
176 93.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

150000 Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056149.D

Acq: 8 Jun 2019 13:18

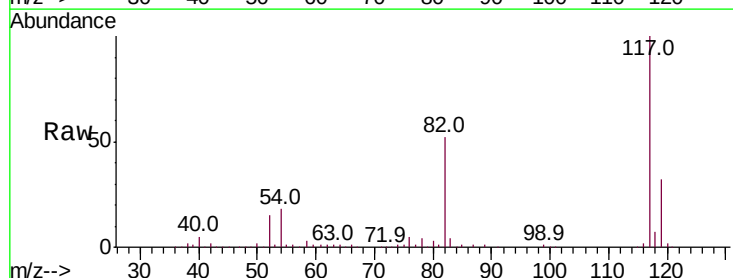
Tgt Ion: 117 Resp: 450977

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

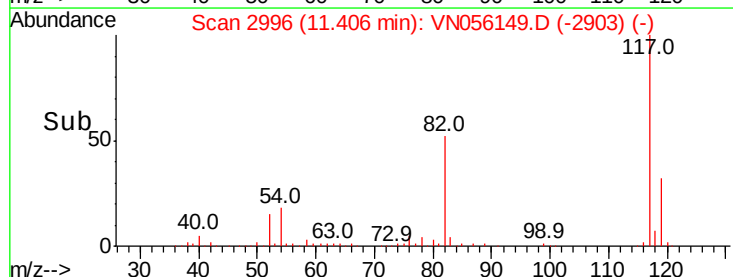
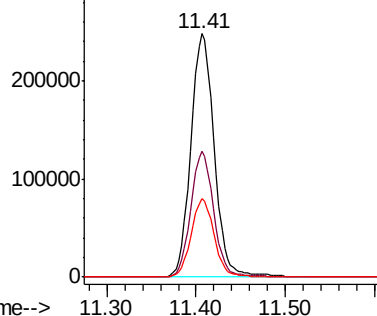
119 32.1 25.4 38.0

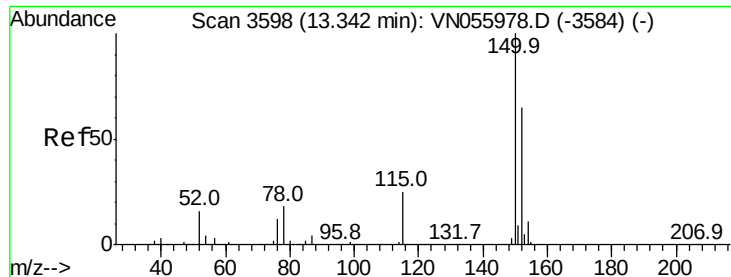


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

300000 Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN056149.D

Acq: 8 Jun 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

SP19-MMW-3414

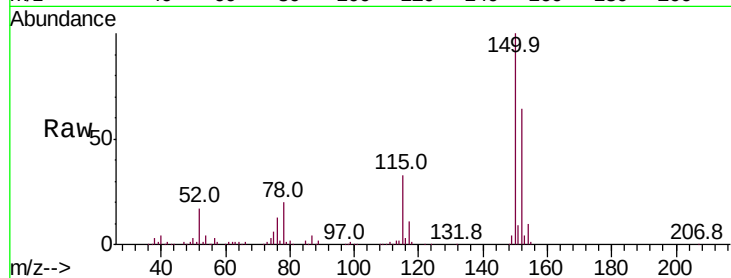
Tot Ion:152 Resp: 141504

Ion Ratio Lower Upper

152 100

115 52.9 27.0 81.0

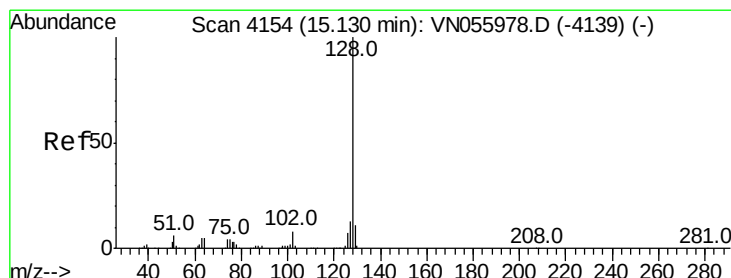
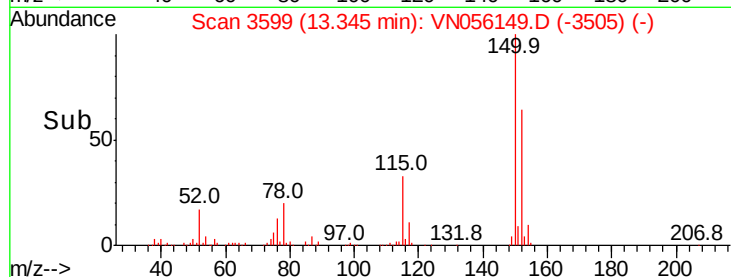
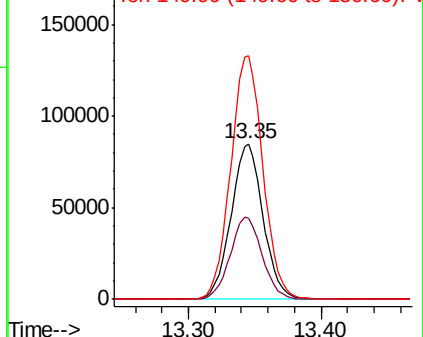
150 158.4 0.0 343.2



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



#95

Naphthalene

Concen: 4.376 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056149.D

Acq: 8 Jun 2019 13:18

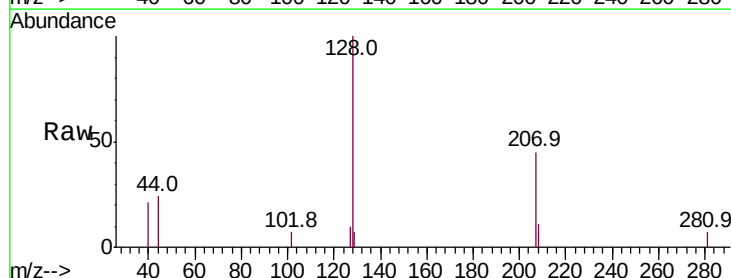
Tgt Ion:128 Resp: 3846

Ion Ratio Lower Upper

128 100

127 8.2 10.3 15.5#

129 6.1 8.7 13.1#



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

