

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055501.D
 Acq On : 9 May 2019 16:54
 Operator : JC/SP
 Sample : K2751-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: May 10 04:42:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	861646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1443630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1208506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	393964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	595894	45.93	ug/l	0.00
Spiked Amount						
			Recovery	=	91.86%	
35) Dibromofluoromethane	7.59	113	447045	48.00	ug/l	0.00
Spiked Amount						
			Recovery	=	96.00%	
50) Toluene-d8	10.09	98	1767355	48.70	ug/l	0.00
Spiked Amount						
			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	535118	43.73	ug/l	0.00
Spiked Amount						
			Recovery	=	87.46%	

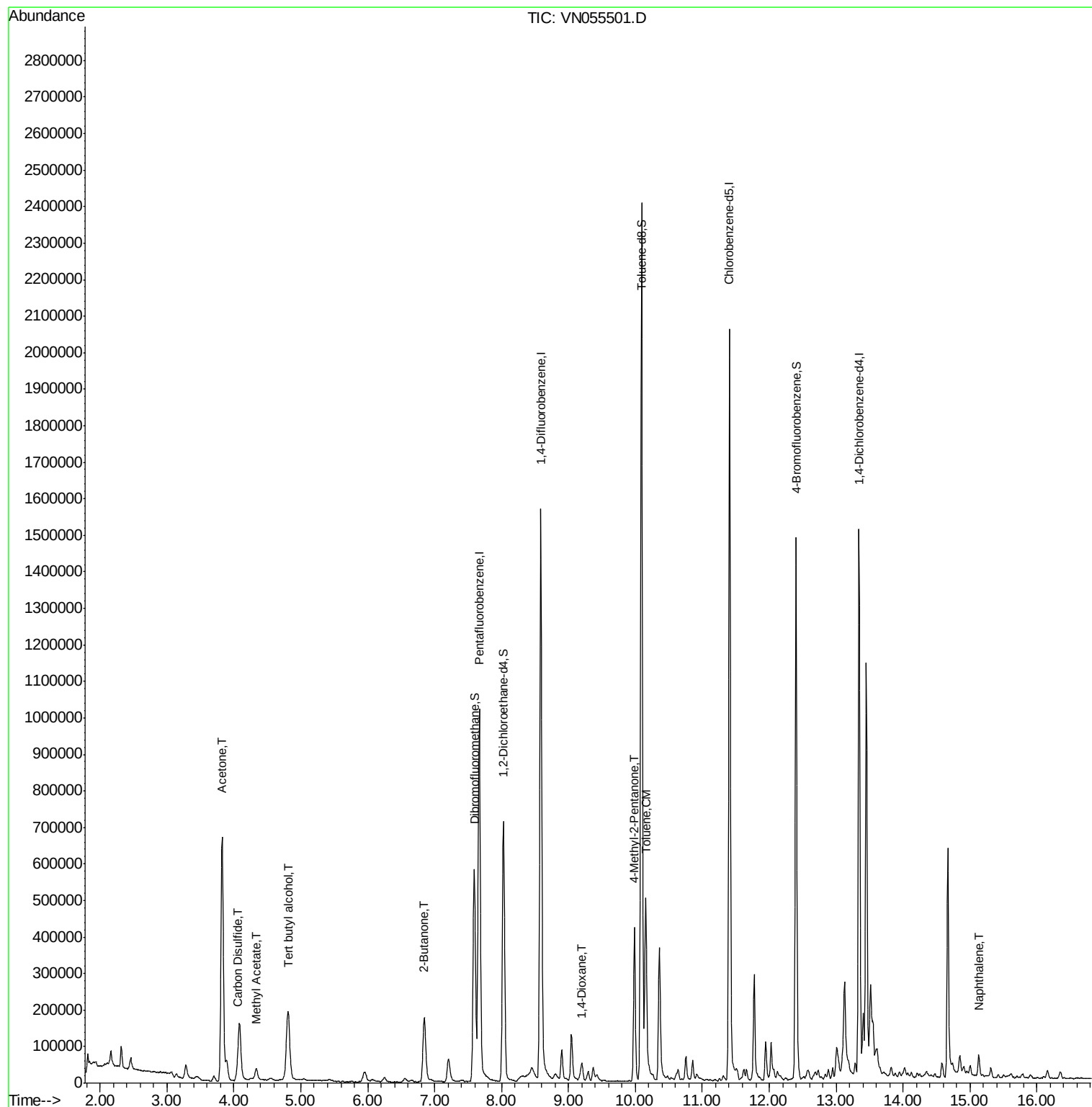
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	341037	178.036	ug/l	99
16) Acetone	3.82	43	1121033	186.617	ug/l	99
17) Carbon Disulfide	4.05	76	55395	2.155	ug/l	98
18) Methyl Acetate	4.34	43	57663	3.547	ug/l	96
25) 2-Butanone	6.84	43	328369	39.572	ug/l	100
49) 1,4-Dioxane	9.20	88	18132	81.922	ug/l	88
51) 4-Methyl-2-Pentanone	9.99	43	309757	19.982	ug/l	99
52) Toluene	10.16	92	205556	8.146	ug/l	97
95) Naphthalene	15.13	128	48102	5.693	ug/l	98

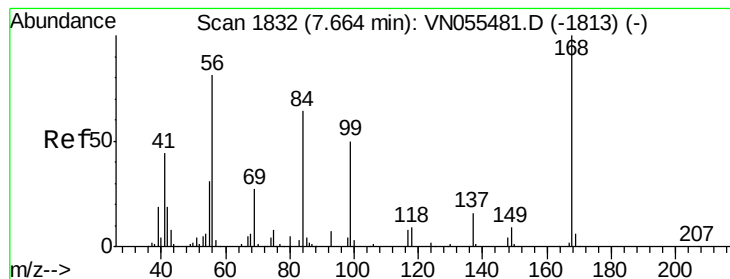
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055501.D

Acq: 9 May 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

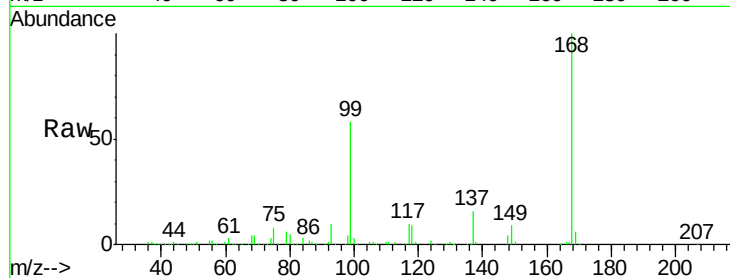
COMP-2

Tot Ion:168 Resp: 861646

Ion Ratio Lower Upper

168 100

99 58.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

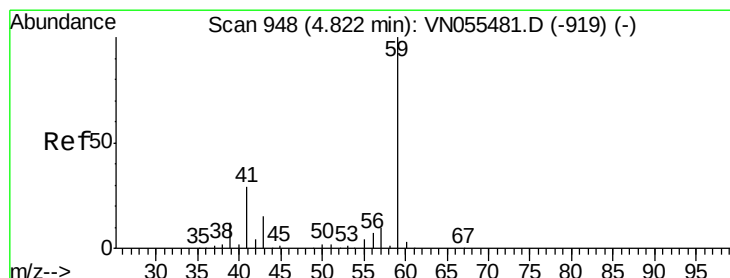
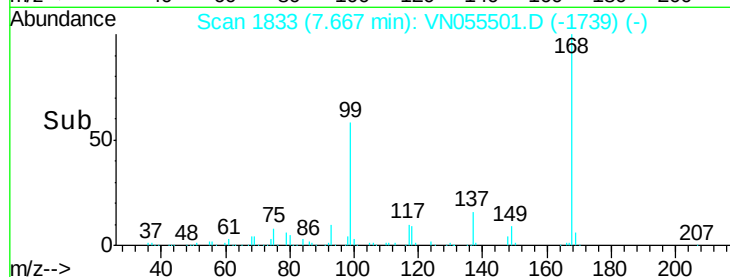
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 178.036 ug/l

RT: 4.81 min Scan# 944

Delta R.T. -0.01 min

Lab File: VN055501.D

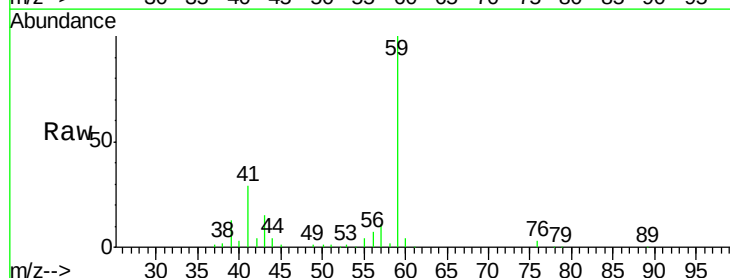
Acq: 9 May 2019 16:54

Tgt Ion: 59 Resp: 341037

Ion Ratio Lower Upper

59 100

57 10.5 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.81

100000

80000

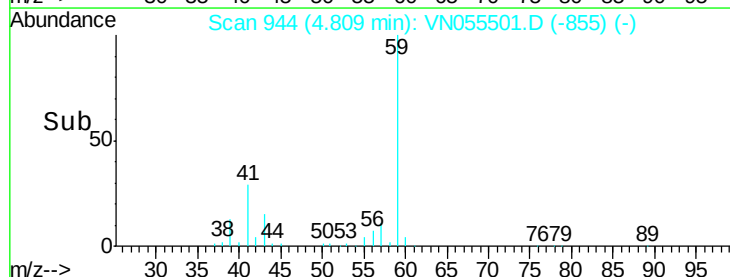
60000

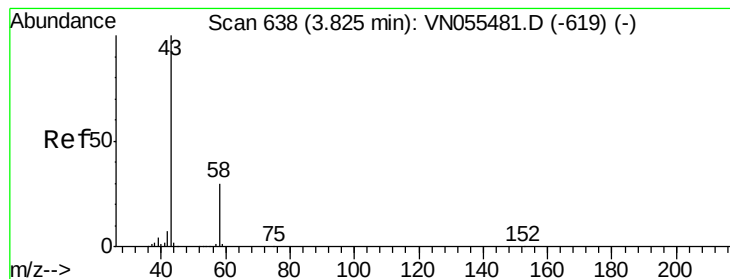
40000

20000

0

Time-->





#16

Acetone

Concen: 186.617 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055501.D

Acq: 9 May 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

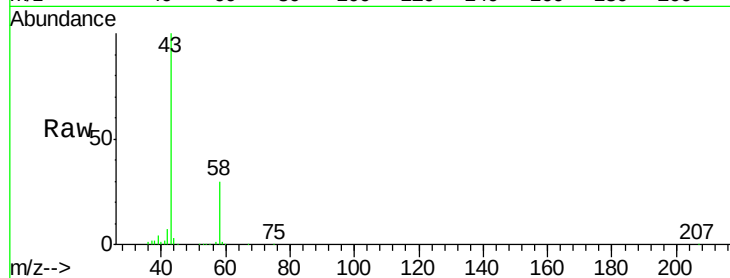
COMP-2

Tot Ion: 43 Resp: 1121033

Ion Ratio Lower Upper

43 100

58 29.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN055501.D (-545) (-)

Ion 58.00 (57.70 to 58.70): VN055501.D (-545) (-)

3.82

400000

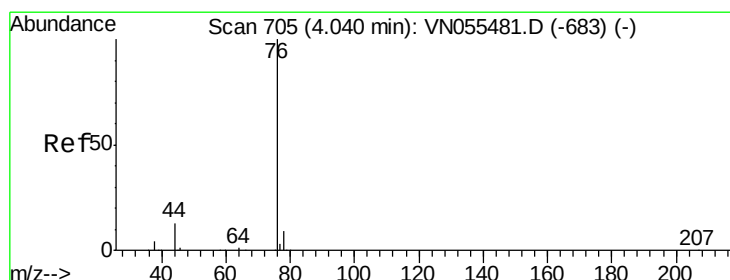
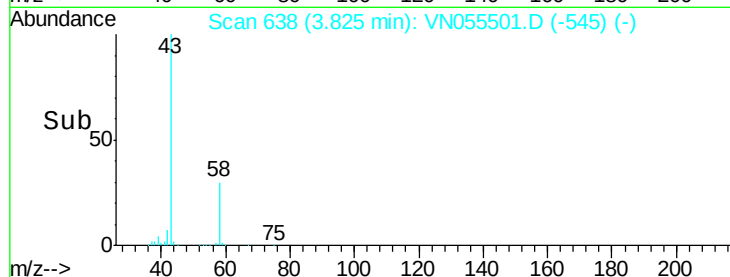
300000

200000

100000

0

Time-->



#17

Carbon Disulfide

Concen: 2.155 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN055501.D

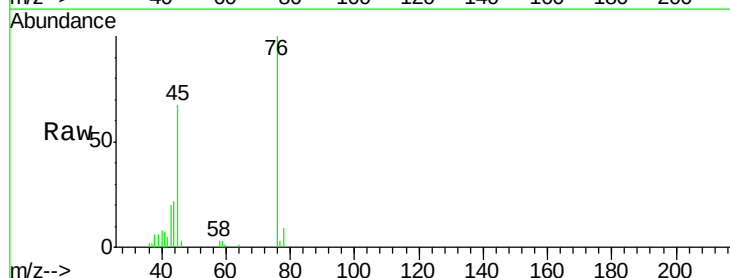
Acq: 9 May 2019 16:54

Tgt Ion: 76 Resp: 55395

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN055501.D (-612) (-)

Ion 77.90 (77.60 to 78.60): VN055501.D (-612) (-)

4.05

20000

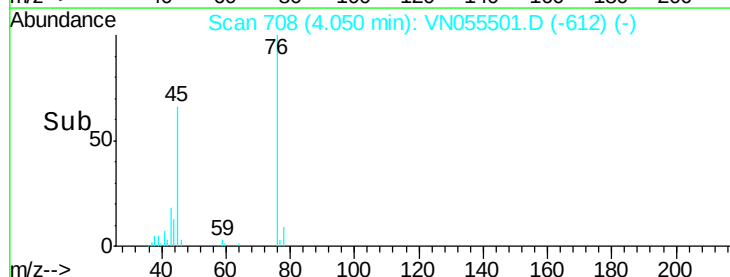
15000

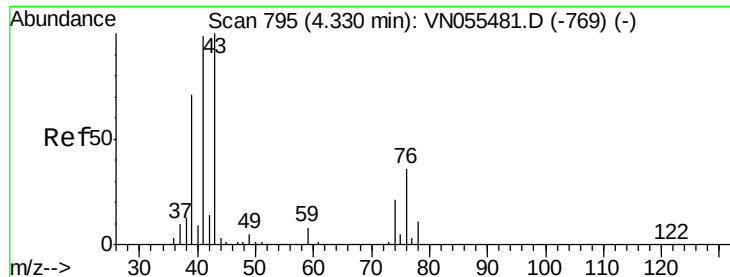
10000

5000

0

Time-->

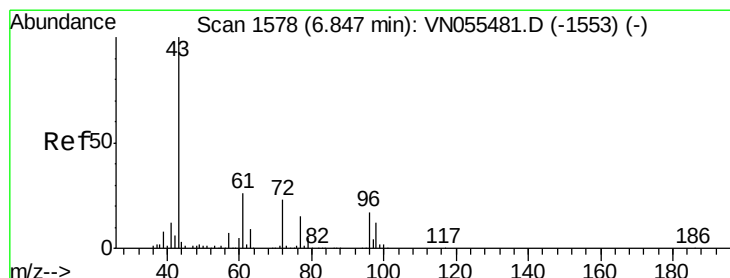
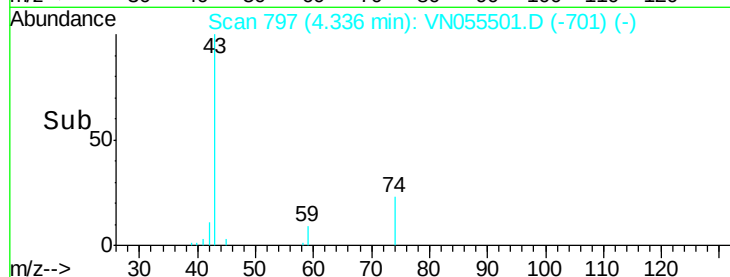
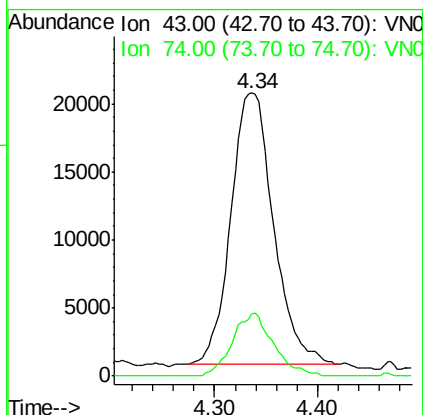
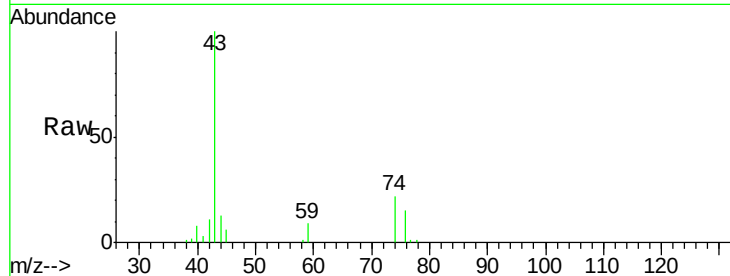




#18
Methvl Acetate
Concen: 3.547 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055501.D
Acq: 9 May 2019 16:54

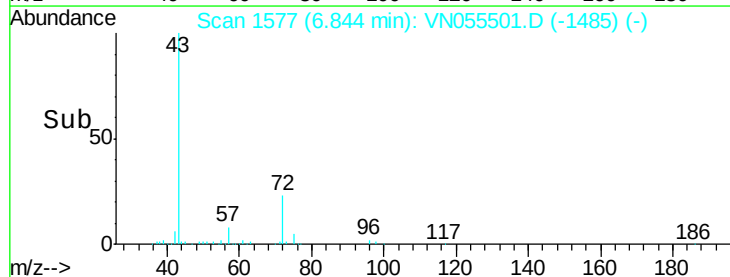
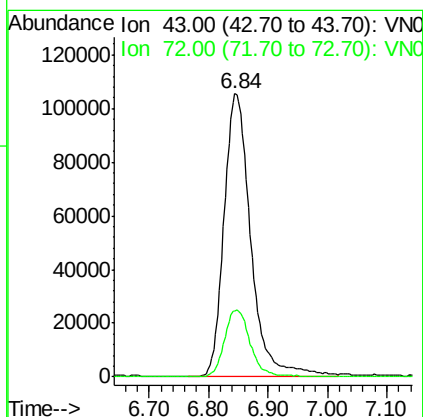
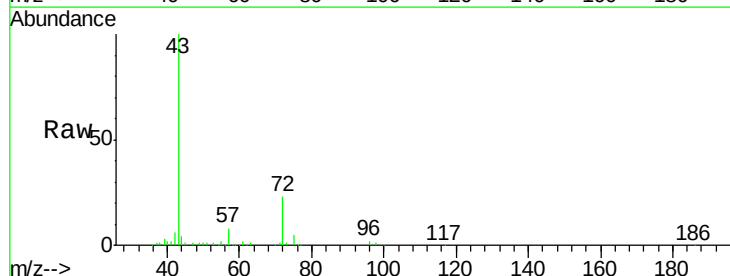
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

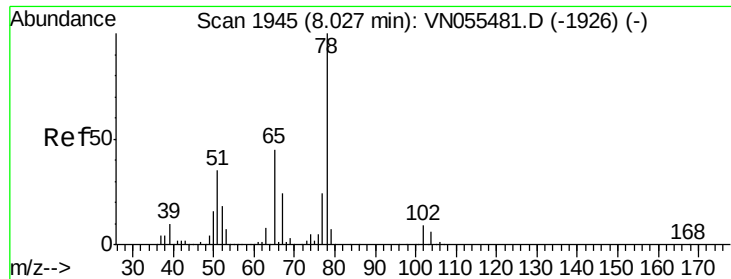
Tot Ion: 43 Resp: 57663
Ion Ratio Lower Upper
43 100
74 22.2 16.3 24.5



#25
2-Butanone
Concen: 39.572 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055501.D
Acq: 9 May 2019 16:54

Tgt Ion: 43 Resp: 328369
Ion Ratio Lower Upper
43 100
72 23.4 18.6 27.8

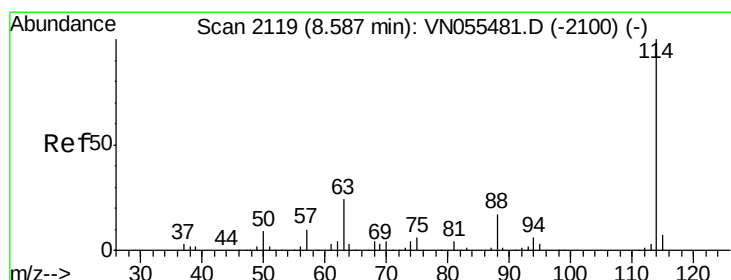
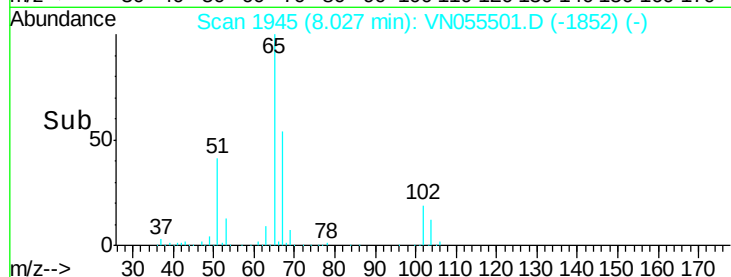
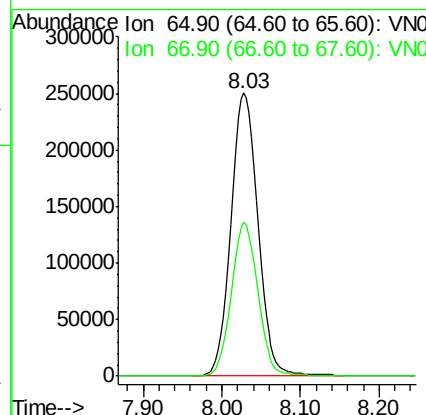
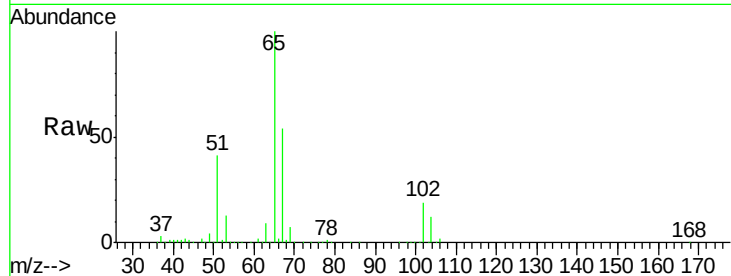




#33
 1,2-Dichloroethane-d4
 Concen: 45.932 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055501.D
 Acq: 9 May 2019 16:54

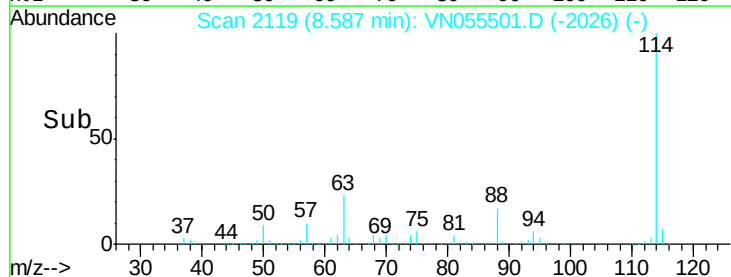
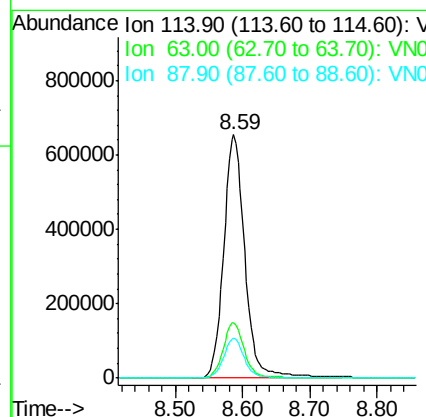
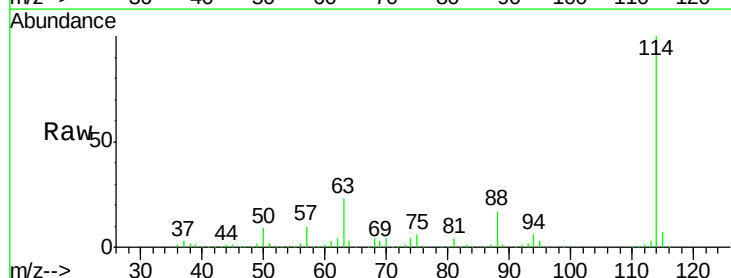
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-2

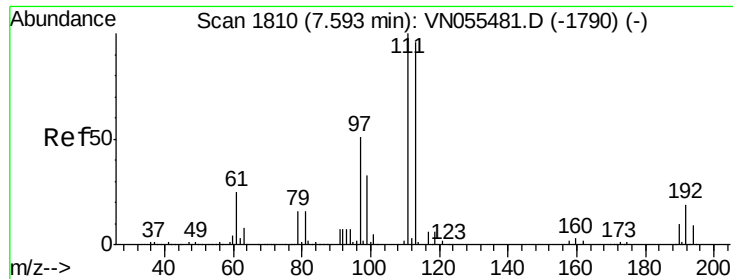
Tot Ion: 65 Resp: 595894
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055501.D
 Acq: 9 May 2019 16:54

Tgt Ion: 114 Resp: 1443630
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.6 0.0 34.0

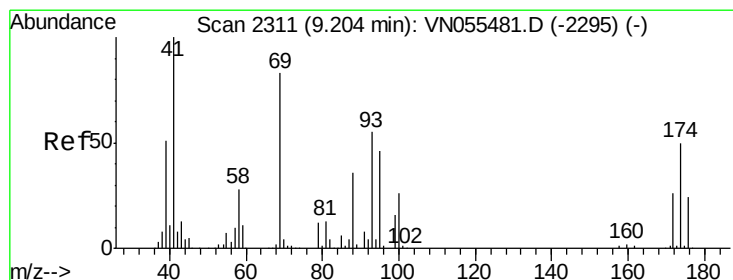
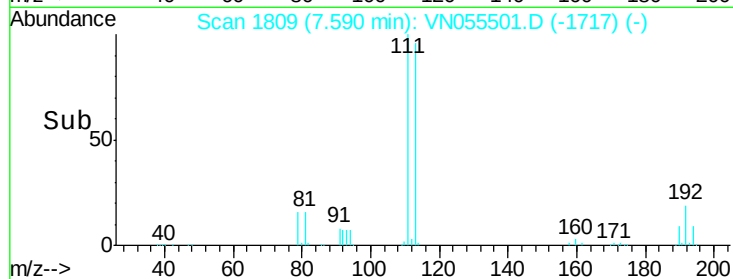
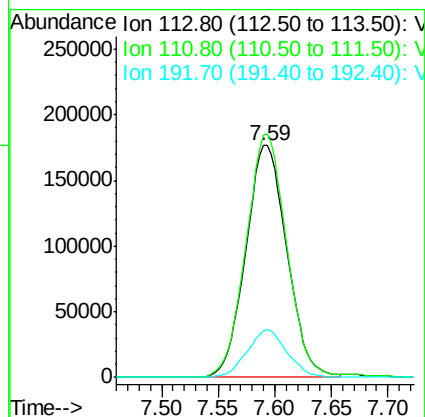
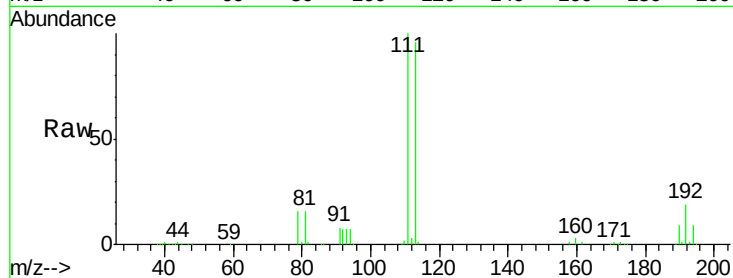




#35
 Dibromofluoromethane
 Concen: 48.005 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055501.D
 Acq: 9 May 2019 16:54

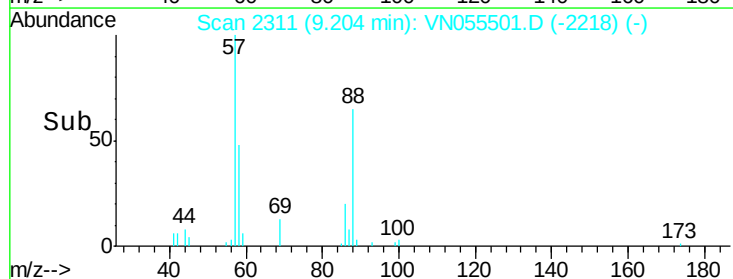
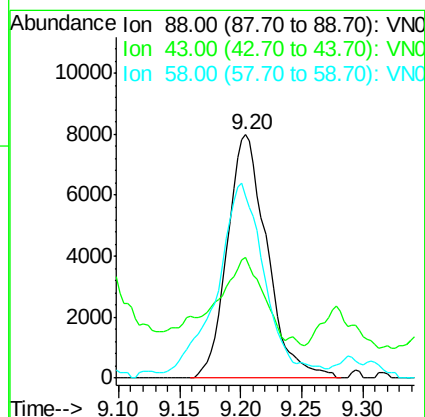
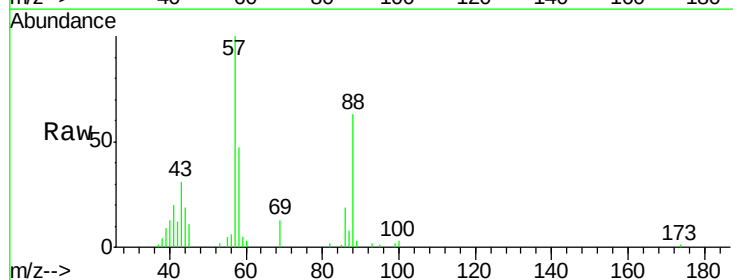
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

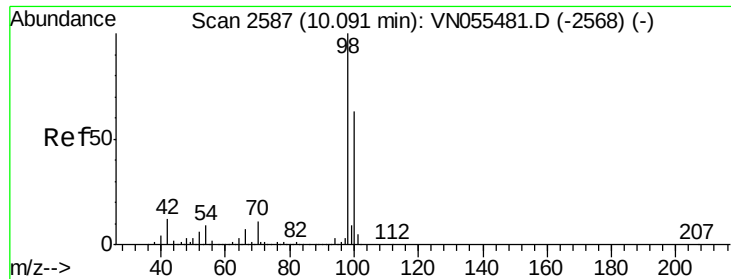
Tot Ion:113 Resp: 447045
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 19.9 15.6 23.4



#49
 1,4-Dioxane
 Concen: 81.922 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN055501.D
 Acq: 9 May 2019 16:54

Tgt Ion: 88 Resp: 18132
 Ion Ratio Lower Upper
 88 100
 43 33.6 27.8 41.8
 58 90.9 61.8 92.6





#50

Toluene-d8

Concen: 48.701 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055501.D

Acq: 9 May 2019 16:54

Instrument :

MSVOA_N

ClientSampled :

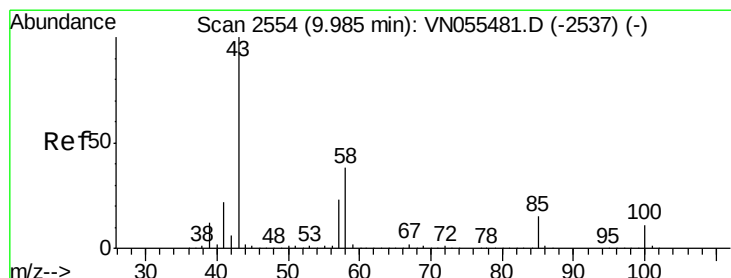
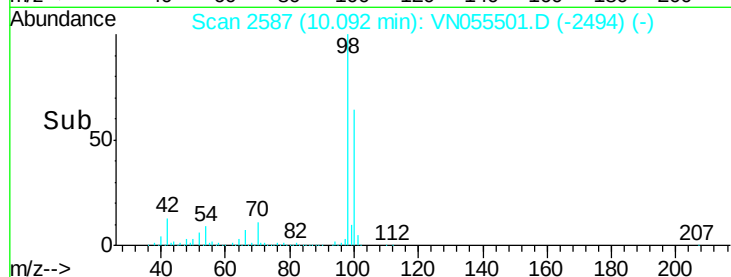
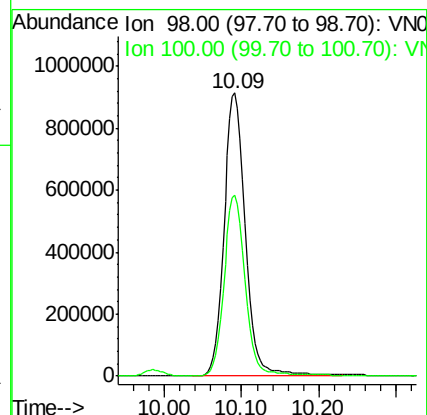
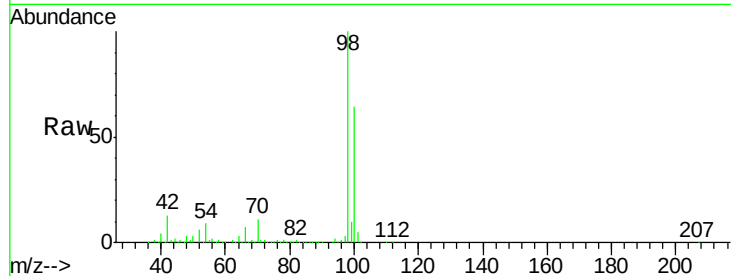
COMP-2

Tot Ion: 98 Resp: 1767355

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 19.982 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055501.D

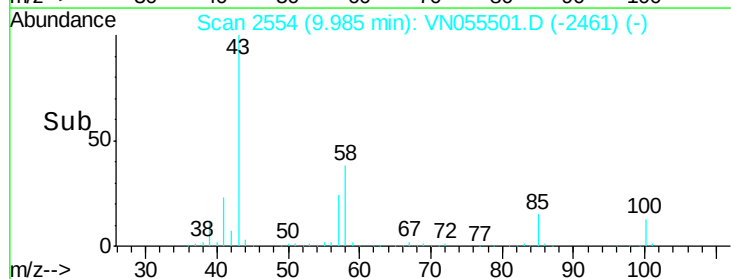
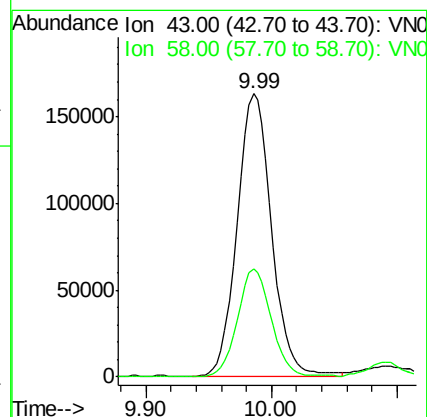
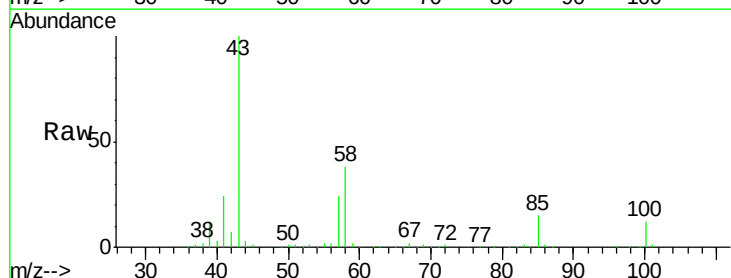
Acq: 9 May 2019 16:54

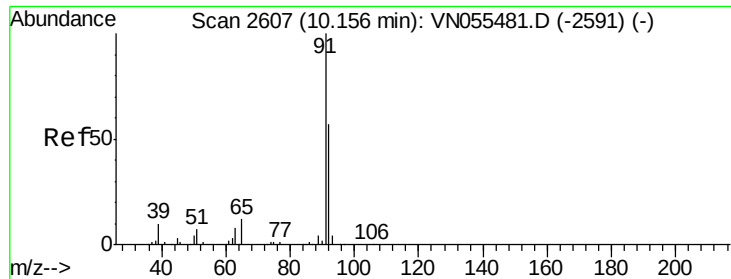
Tgt Ion: 43 Resp: 309757

Ion Ratio Lower Upper

43 100

58 37.8 29.9 44.9





#52

Toluene

Concen: 8.146 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055501.D

Acq: 9 May 2019 16:54

Instrument :

MSVOA_N

ClientSampled :

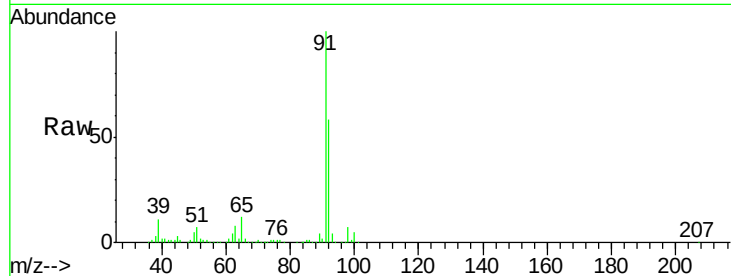
COMP-2

Tot Ion: 92 Resp: 205556

Ion Ratio Lower Upper

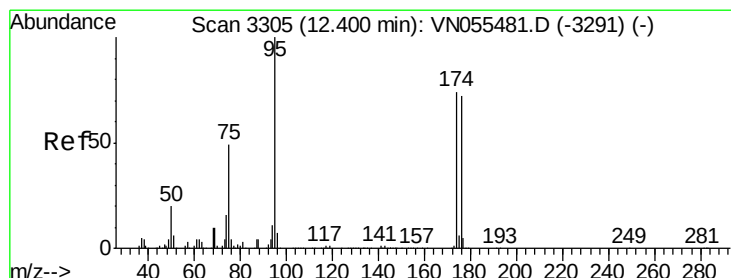
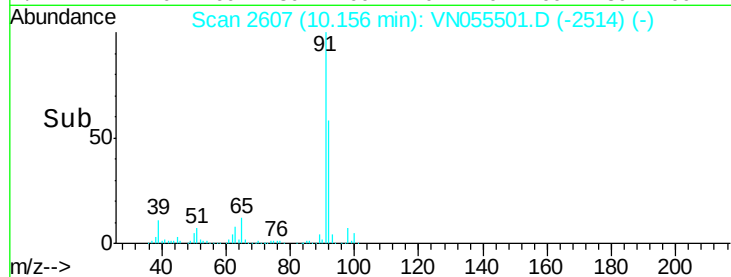
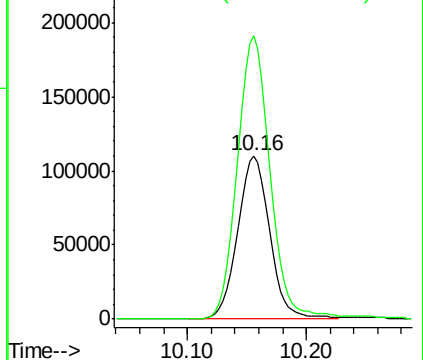
92 100

91 179.7 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 43.731 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055501.D

Acq: 9 May 2019 16:54

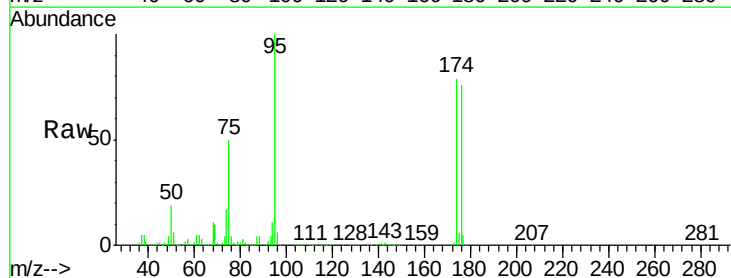
Tgt Ion: 95 Resp: 535118

Ion Ratio Lower Upper

95 100

174 78.3 0.0 152.2

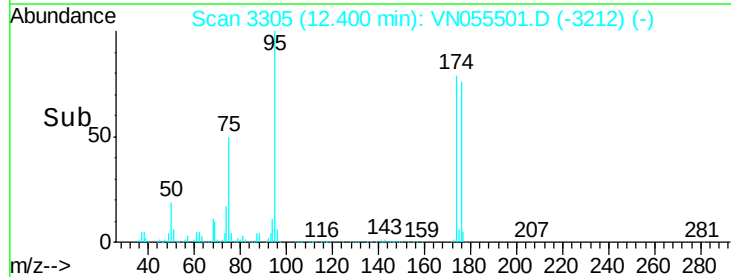
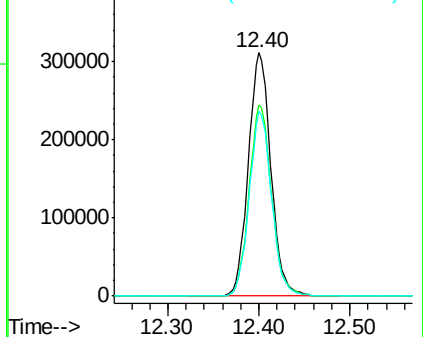
176 75.1 0.0 147.8

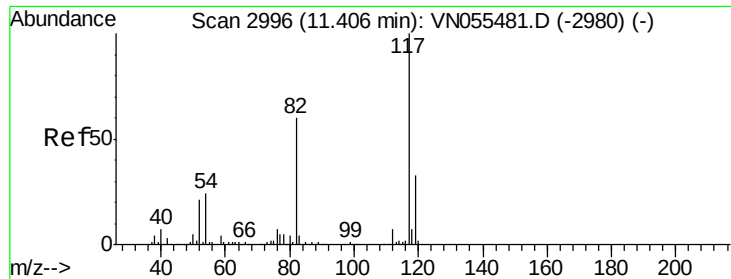


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

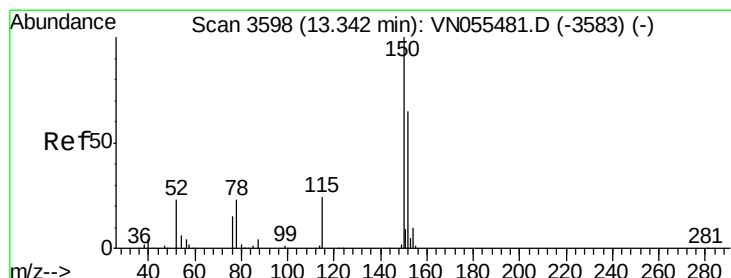
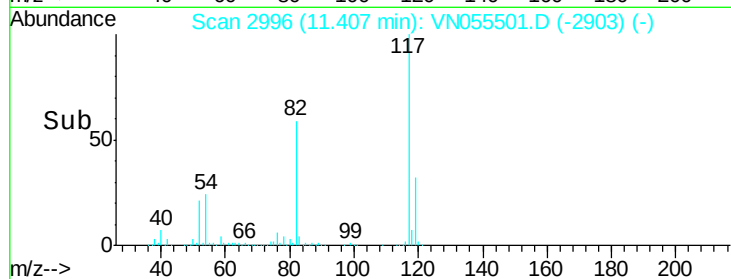
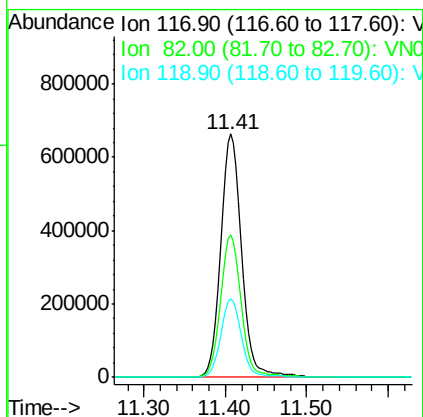
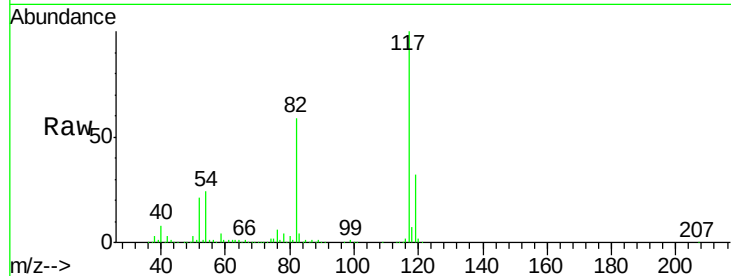




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055501.D
Acq: 9 May 2019 16:54

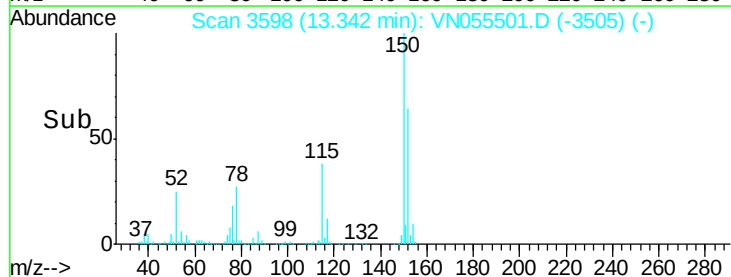
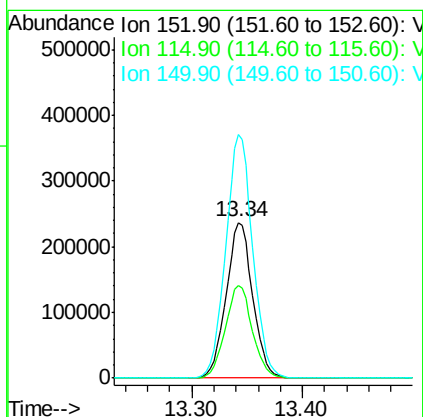
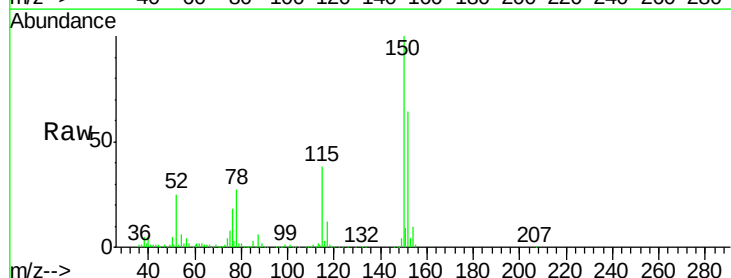
Instrument :
MSVOA_N
ClientSampled :
COMP-2

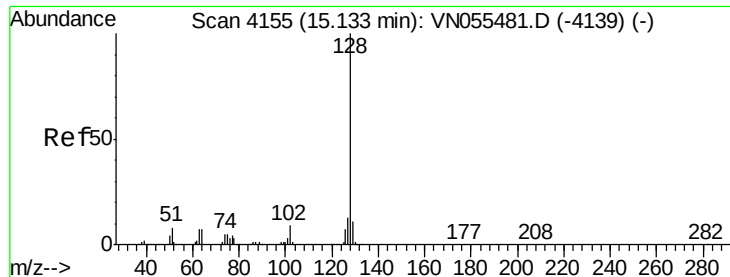
Tot Ion:117 Resp: 1208506
Ion Ratio Lower Upper
117 100
82 58.7 48.0 72.0
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055501.D
Acq: 9 May 2019 16:54

Tgt Ion:152 Resp: 393964
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 158.8 0.0 355.0

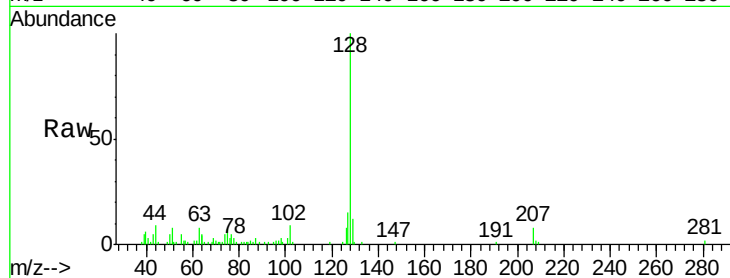




#95
Naphthalene
Concen: 5.693 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055501.D
Acq: 9 May 2019 16:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.0	15.0
129	11.3	8.8	13.2



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

