

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058786.D
 Acq On : 15 Oct 2019 16:38
 Operator : JC/SP
 Sample : K5355-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-32

Quant Time: Oct 16 05:15:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	370898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	593637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222257	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	271847	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
35) Dibromofluoromethane	7.57	113	196433	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
50) Toluene-d8	10.09	98	758851	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.40	95	251523	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	

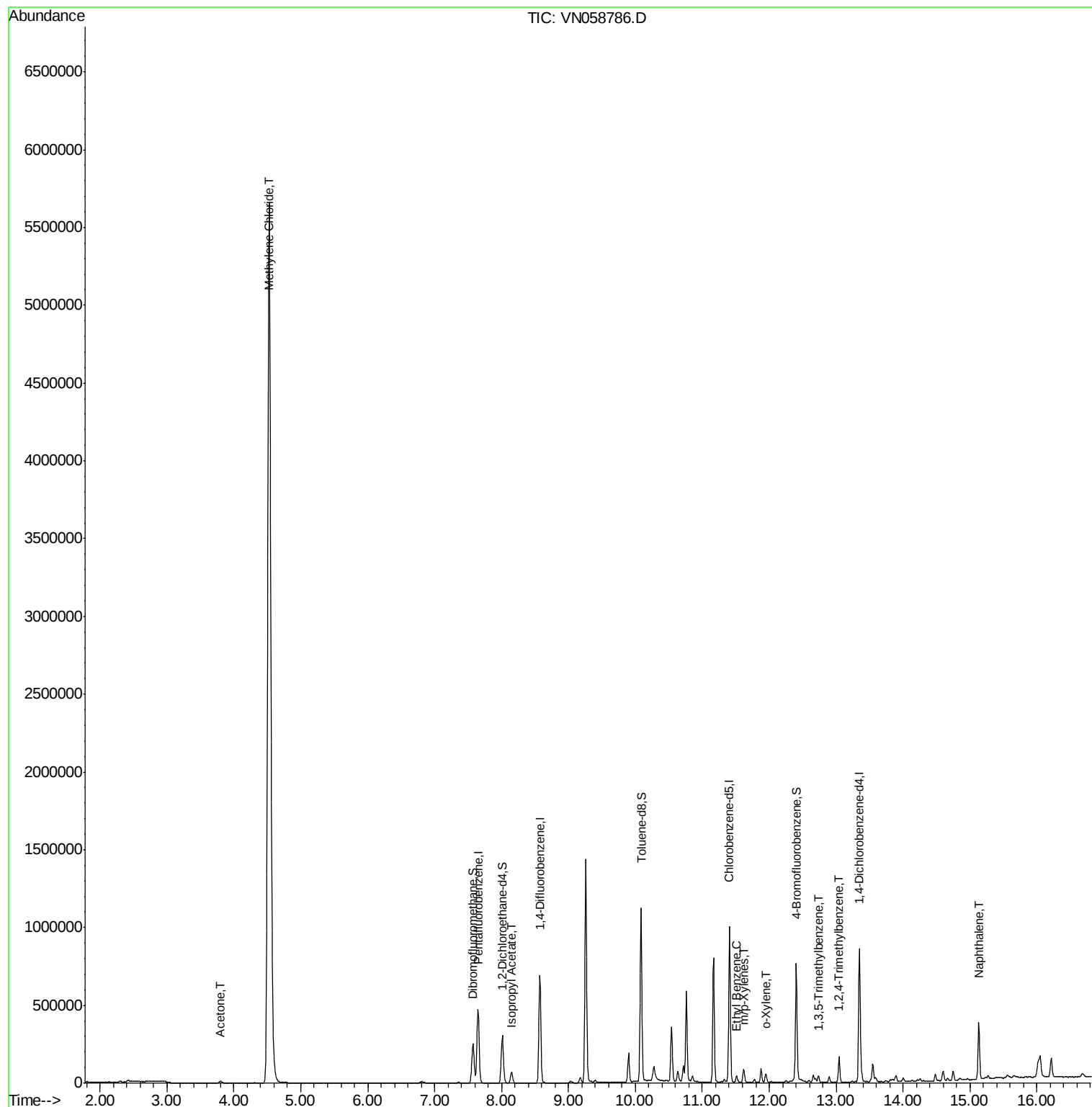
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	17471	8.127	ug/l	95
20) Methylene Chloride	4.53	84	4356765	969.741	ug/l	95
43) Isopropyl Acetate	8.15	43	84509	8.172	ug/l #	89
67) Ethyl Benzene	11.51	91	28389	1.437	ug/l	98
68) m/p-Xylenes	11.62	106	25758	3.474	ug/l	100
69) o-Xylene	11.95	106	11542	1.609	ug/l	90
80) 1,3,5-Trimethylbenzene	12.73	105	22787	1.658	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	90815	6.657	ug/l	100
95) Naphthalene	15.13	128	289435	23.460	ug/l	100

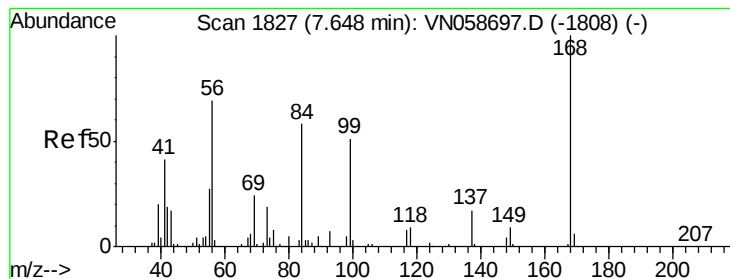
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058786.D

Acq: 15 Oct 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

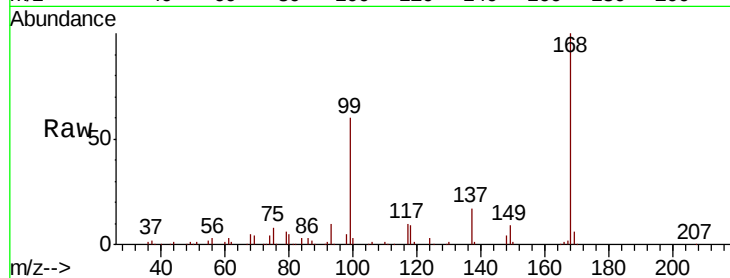
COMP-32

Tot Ion:168 Resp: 370898

Ion Ratio Lower Upper

168 100

99 59.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

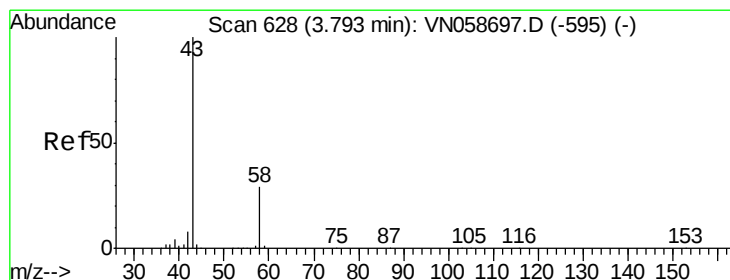
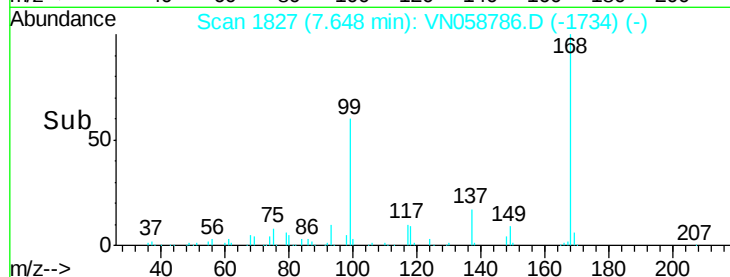
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.127 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058786.D

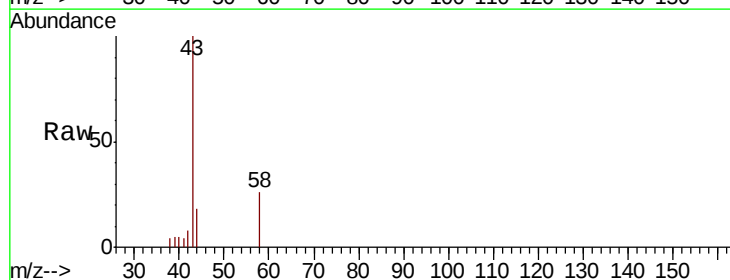
Acq: 15 Oct 2019 16:38

Tgt Ion: 43 Resp: 17471

Ion Ratio Lower Upper

43 100

58 26.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

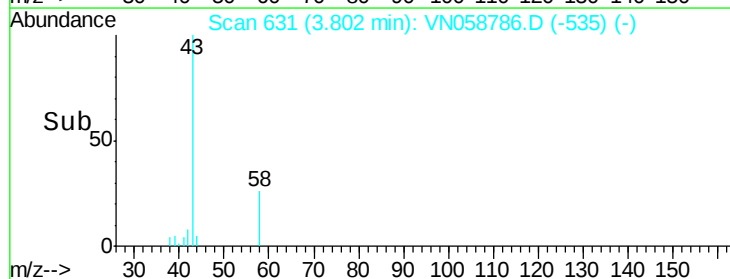
6000

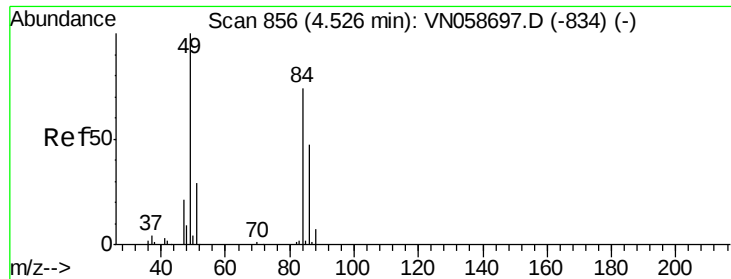
4000

2000

0

Time-->



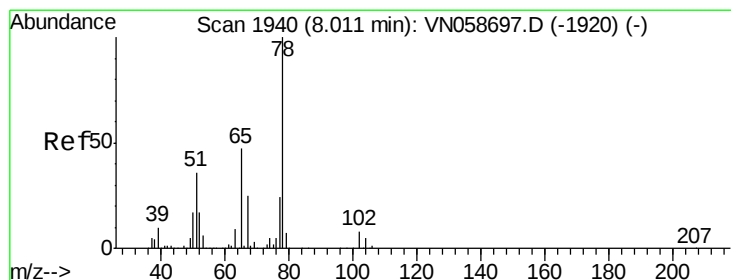
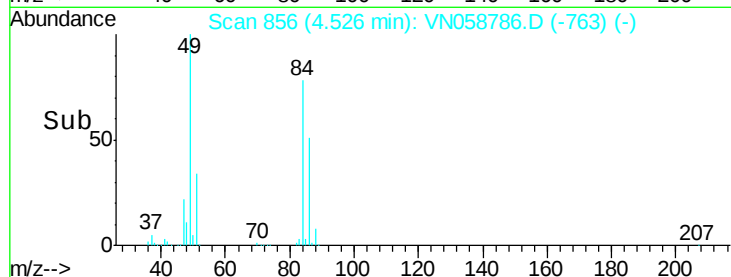
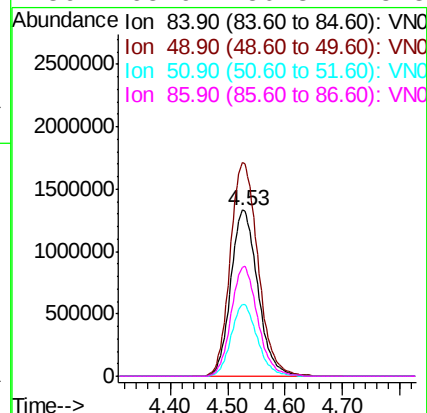
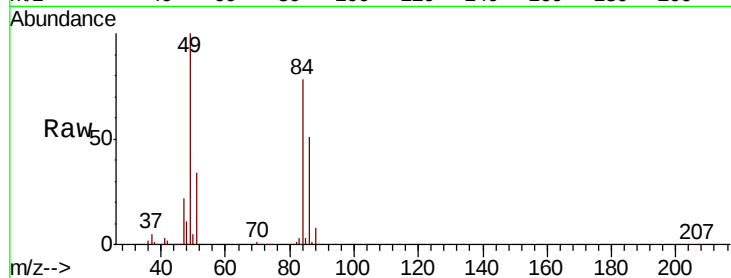


#20
Methylene Chloride
Concen: 969.741 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058786.D
Acq: 15 Oct 2019 16:38

Instrument :
MSVOA_N
ClientSampled :
COMP-32

Tot Ion: 84 Resp: 4356765

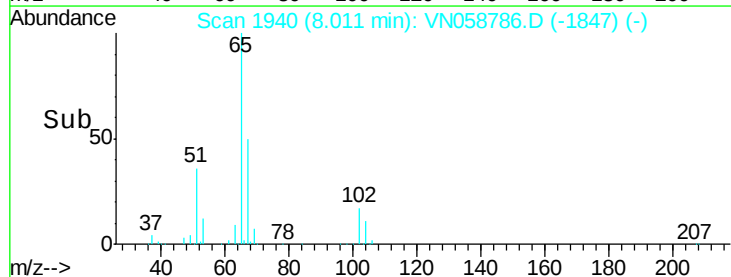
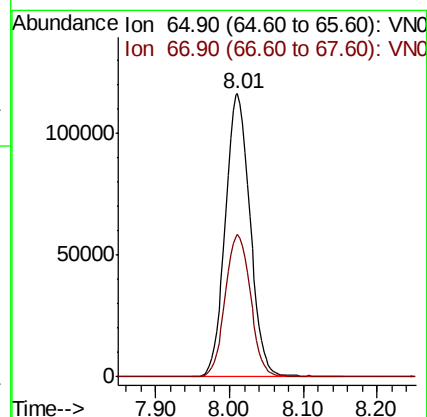
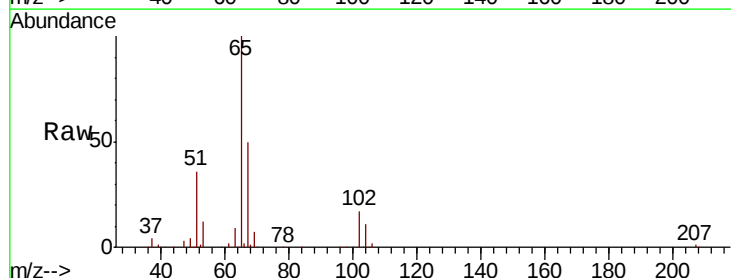
Ion	Ratio	Lower	Upper
84	100		
49	128.8	107.6	161.4
51	43.5	31.4	47.0
86	65.9	50.3	75.5

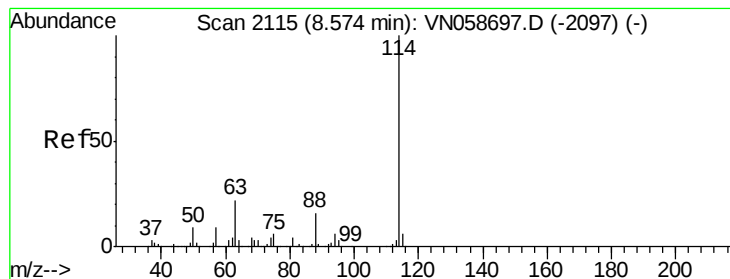


#33
1,2-Dichloroethane-d4
Concen: 52.354 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058786.D
Acq: 15 Oct 2019 16:38

Tgt Ion: 65 Resp: 271847

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058786.D

Acq: 15 Oct 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

COMP-32

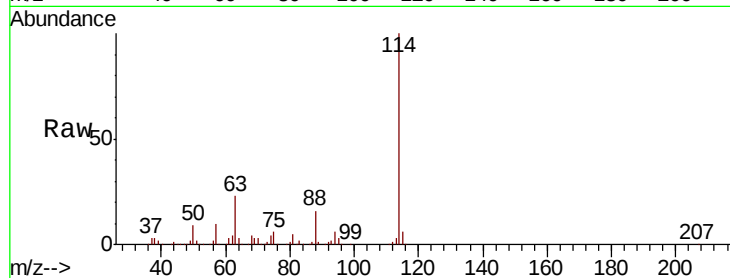
Tot Ion:114 Resp: 593637

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.8

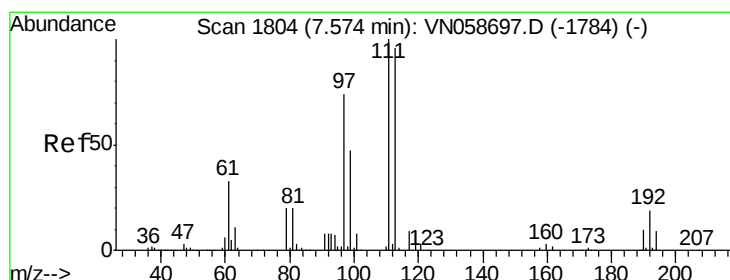
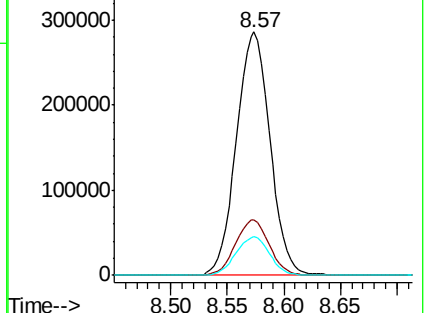
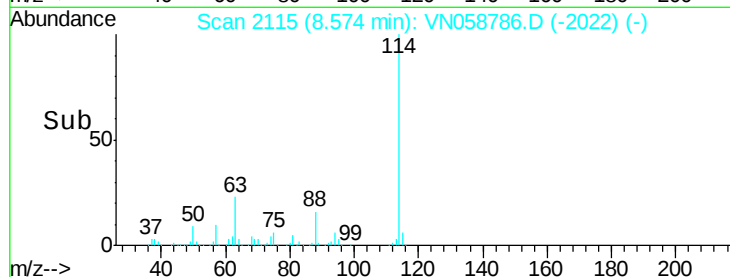
88 15.7 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 53.571 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN058786.D

Acq: 15 Oct 2019 16:38

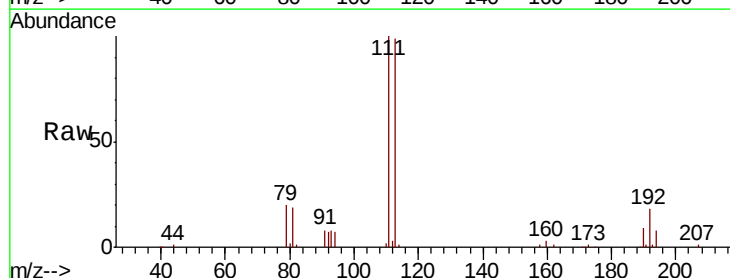
Tgt Ion:113 Resp: 196433

Ion Ratio Lower Upper

113 100

111 100.9 82.3 123.5

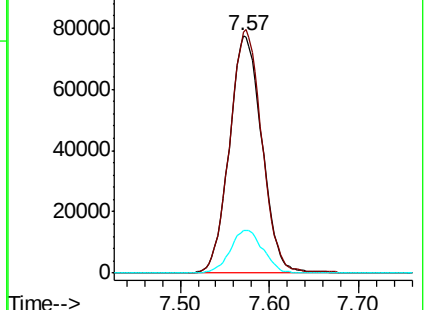
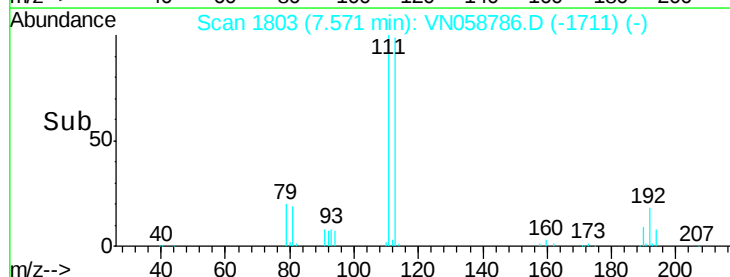
192 18.1 15.0 22.6

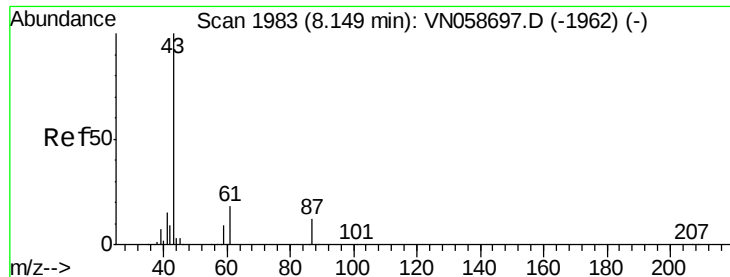


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.172 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058786.D

Acq: 15 Oct 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

COMP-32

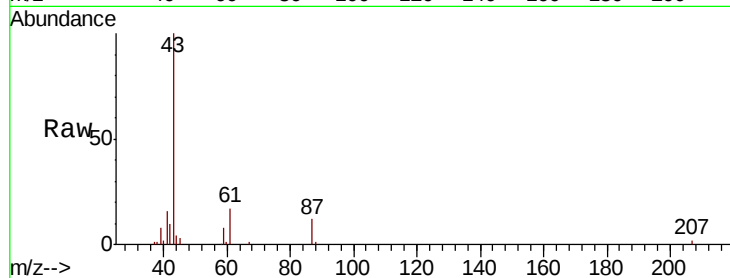
Tot Ion: 43 Resp: 84509

Ion Ratio Lower Upper

43 100

61 17.4 20.3 30.5#

87 11.9 9.8 14.6

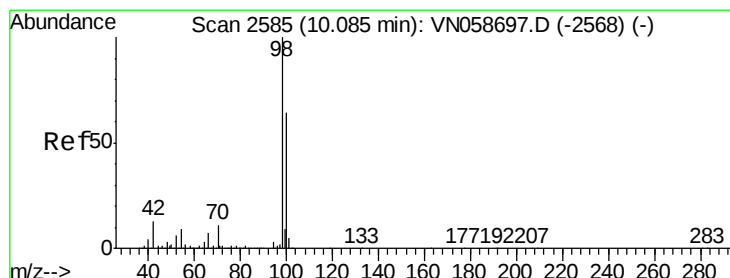
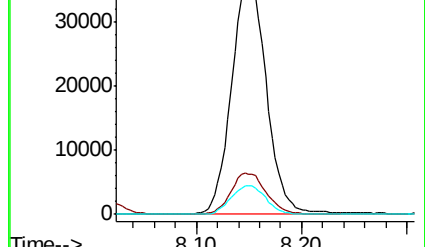
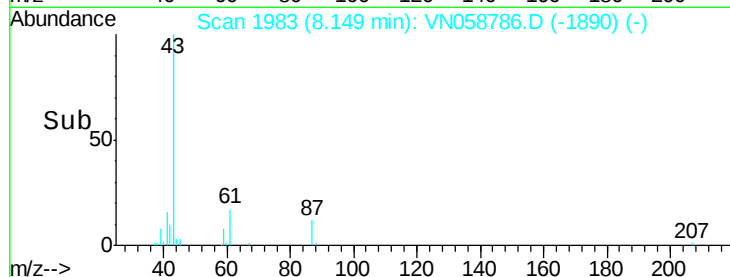


Abundance Ion 43.00 (42.70 to 43.70): VN058786.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058786.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058786.D (-1890) (-)

8.15



#50

Toluene-d8

Concen: 51.753 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058786.D

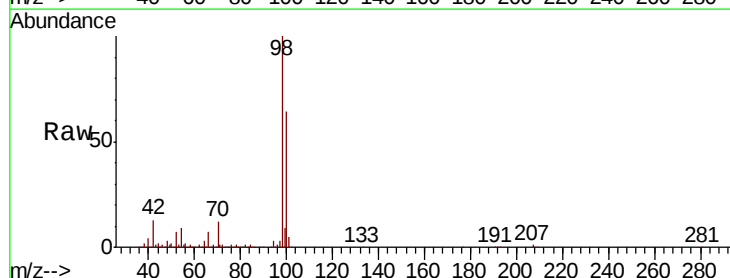
Acq: 15 Oct 2019 16:38

Tgt Ion: 98 Resp: 758851

Ion Ratio Lower Upper

98 100

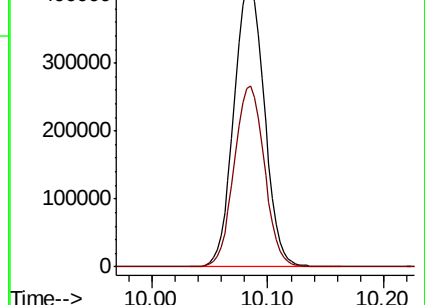
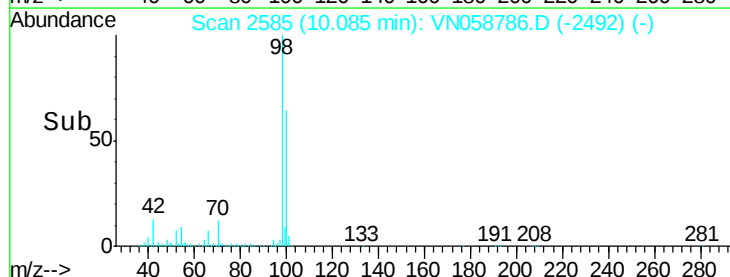
100 63.5 51.1 76.7

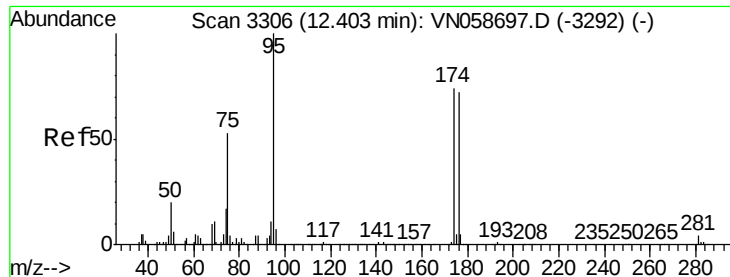


Abundance Ion 98.00 (97.70 to 98.70): VN058786.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058786.D (-2492) (-)

10.09





#62

4-Bromofluorobenzene

Concen: 45.317 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058786.D

Acq: 15 Oct 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

COMP-32

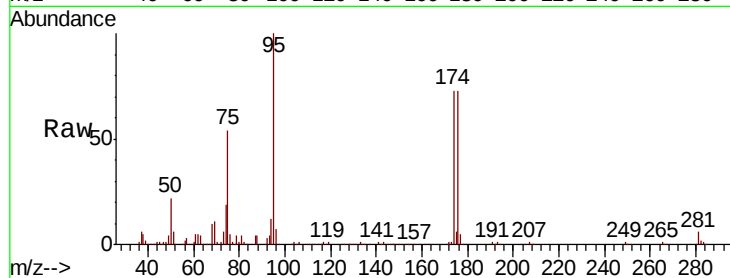
Tot Ion: 95 Resp: 251523

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.4

176 73.3 0.0 146.8

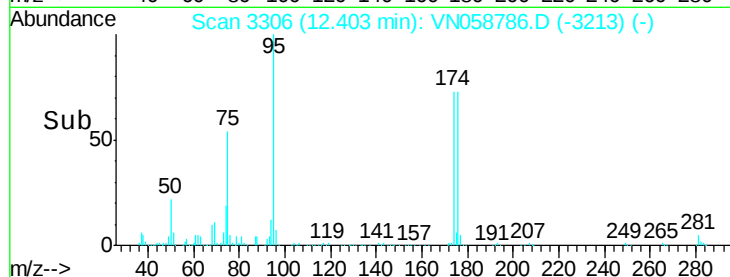


Abundance Ion 94.90 (94.60 to 95.60): VN058697.D (-3292) (-)

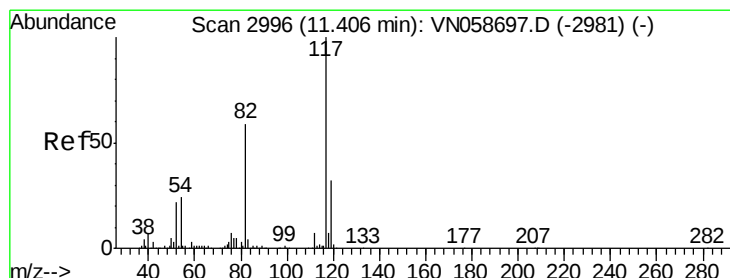
Ion 173.80 (173.50 to 174.50): VN058697.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058697.D (-3292) (-)

12.40



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058786.D

Acq: 15 Oct 2019 16:38

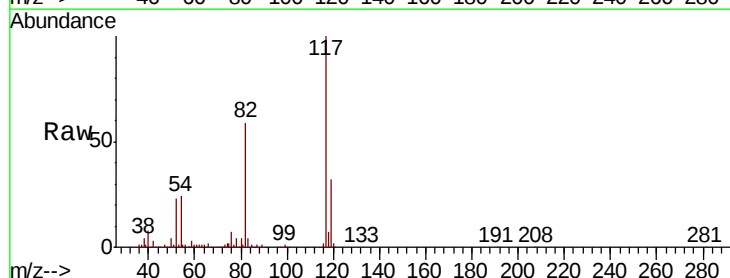
Tgt Ion: 117 Resp: 545823

Ion Ratio Lower Upper

117 100

82 59.0 47.0 70.4

119 32.4 25.4 38.2

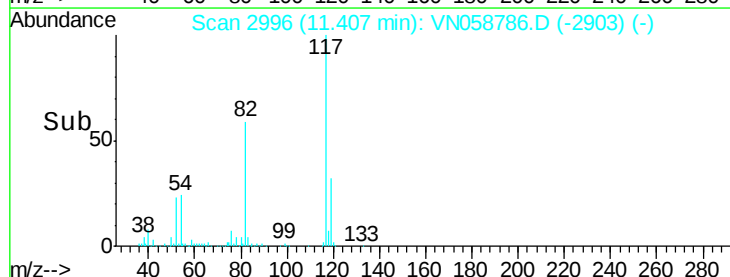


Abundance Ion 116.90 (116.60 to 117.60): VN058697.D (-2981) (-)

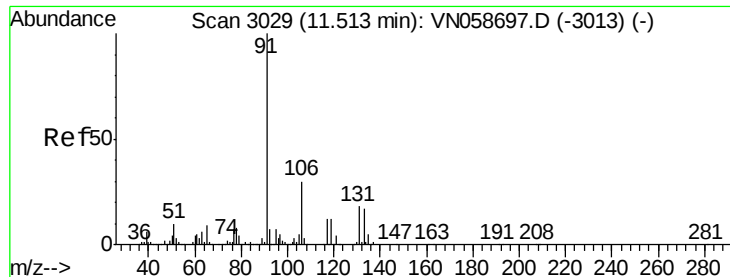
Ion 82.00 (81.70 to 82.70): VN058697.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058697.D (-2981) (-)

11.41



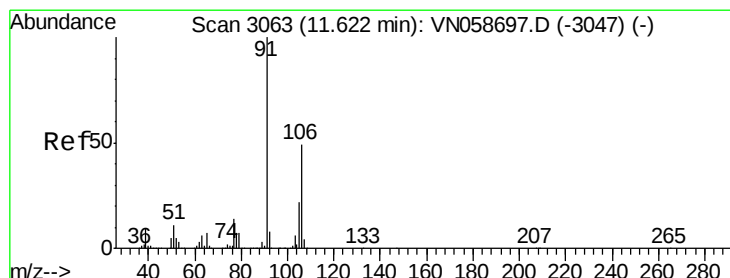
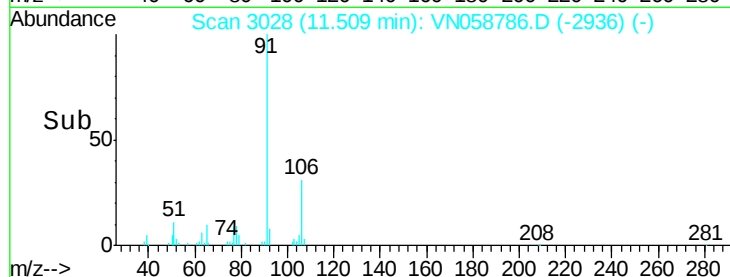
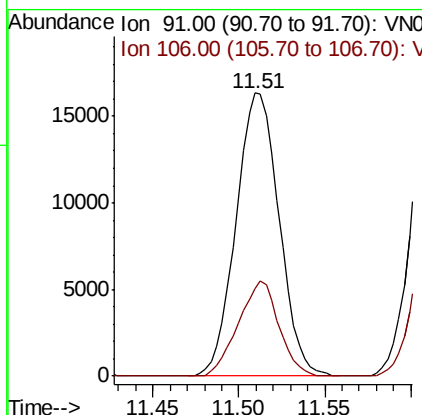
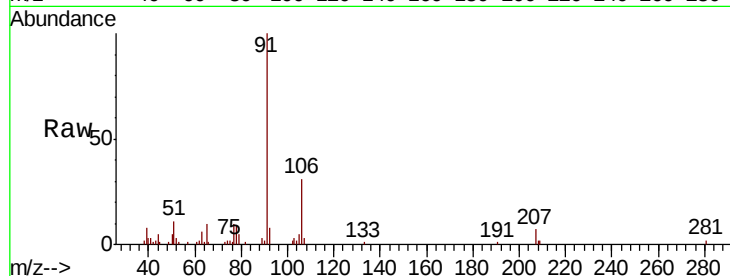
Time-->



#67
Ethyl Benzene
Concen: 1.437 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058786.D
Acq: 15 Oct 2019 16:38

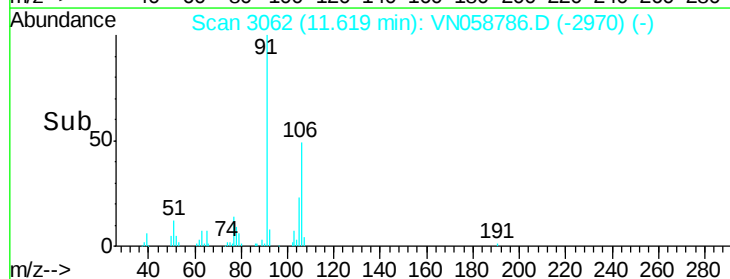
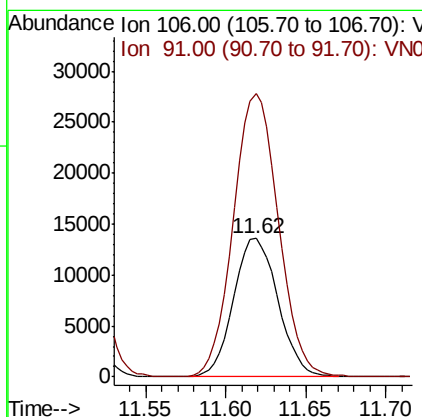
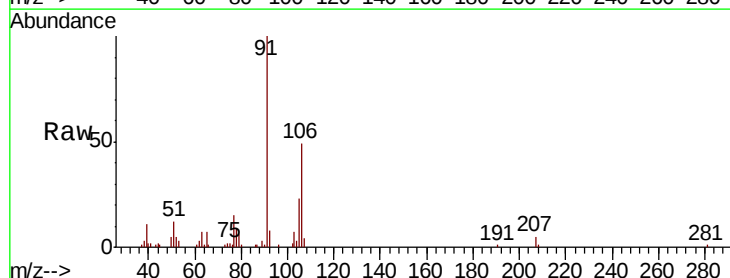
Instrument :
MSVOA_N
ClientSampled :
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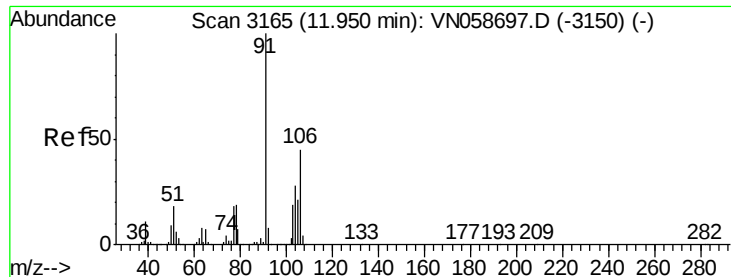
Tot Ion: 91 Resp: 28389
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1



#68
m/p-Xylenes
Concen: 3.474 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058786.D
Acq: 15 Oct 2019 16:38

Tgt Ion: 106 Resp: 25758
Ion Ratio Lower Upper
106 100
91 207.4 165.7 248.5

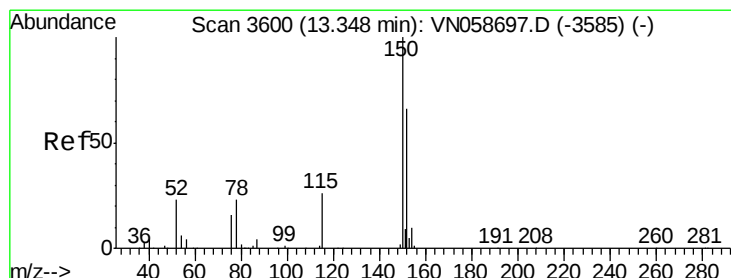
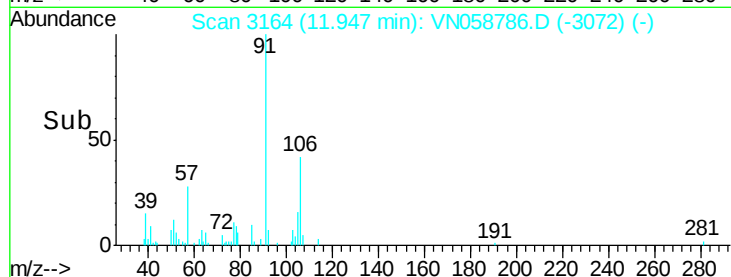
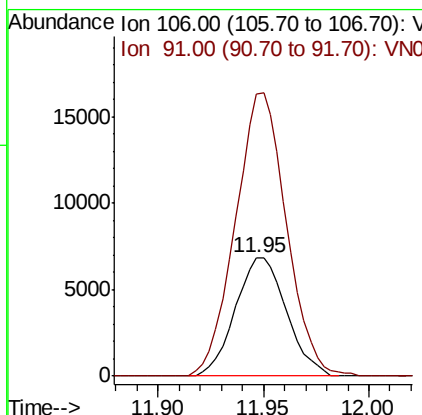
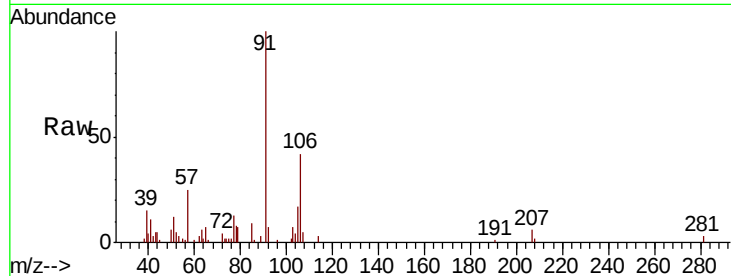




#69
o-Xylene
Concen: 1.609 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN058786.D
Acq: 15 Oct 2019 16:38

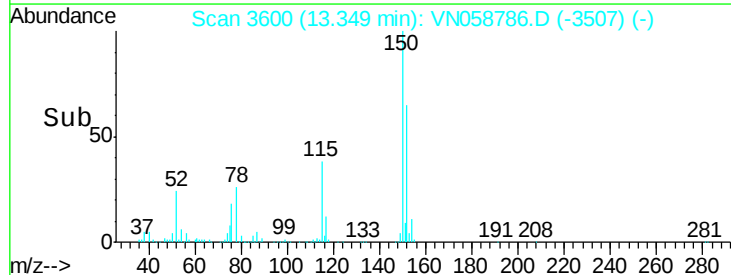
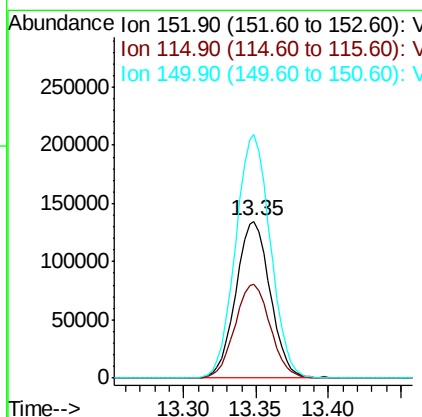
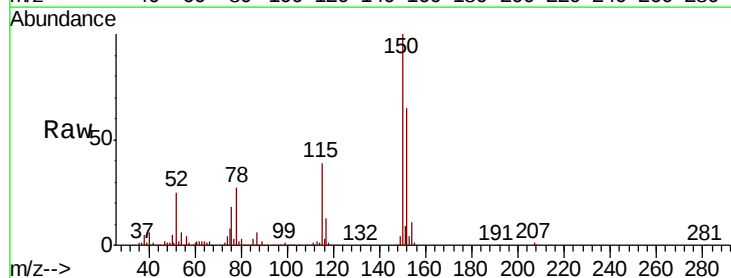
Instrument :
MSVOA_N
ClientSampleId :
COMP-32

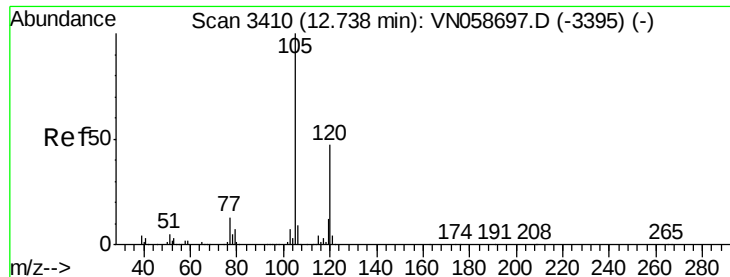
Tot Ion:106 Resp: 11542
Ion Ratio Lower Upper
106 100
91 238.5 110.9 332.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058786.D
Acq: 15 Oct 2019 16:38

Tgt Ion:152 Resp: 222257
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.2
150 157.1 0.0 345.4





#80

1,3,5-Trimethylbenzene

Concen: 1.658 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN058786.D

Acq: 15 Oct 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

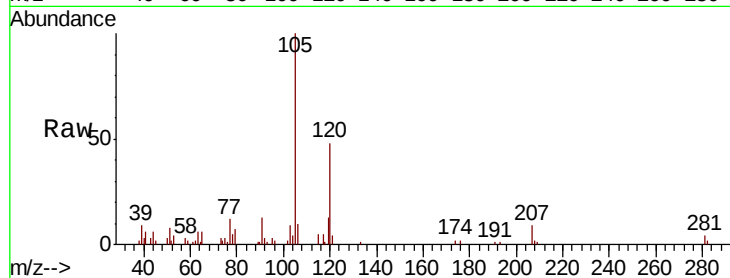
COMP-32

Tot Ion:105 Resp: 22787

Ion Ratio Lower Upper

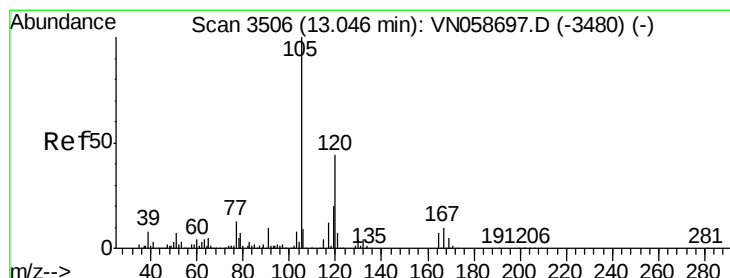
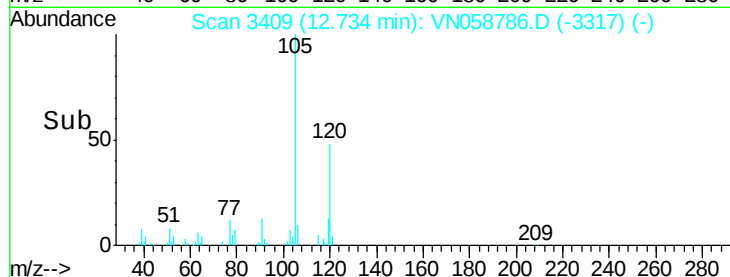
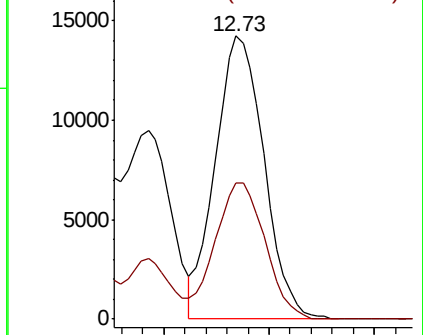
105 100

120 49.3 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.657 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058786.D

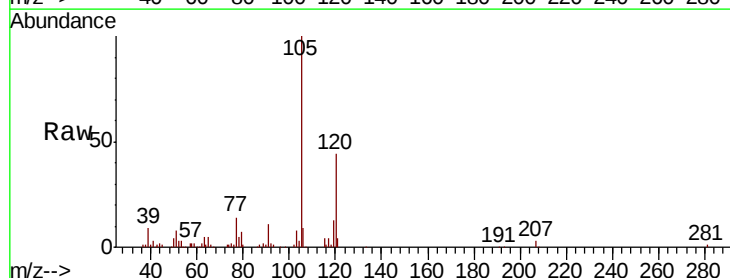
Acq: 15 Oct 2019 16:38

Tgt Ion:105 Resp: 90815

Ion Ratio Lower Upper

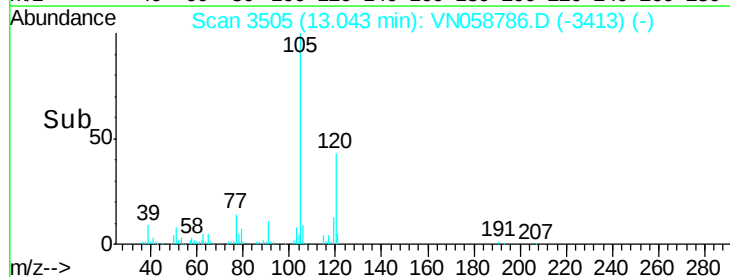
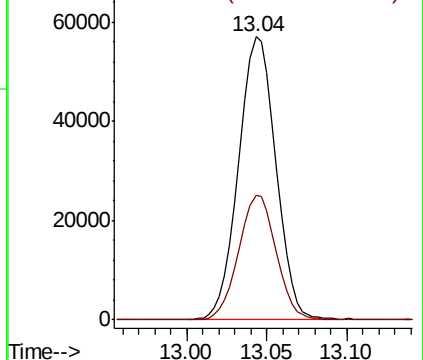
105 100

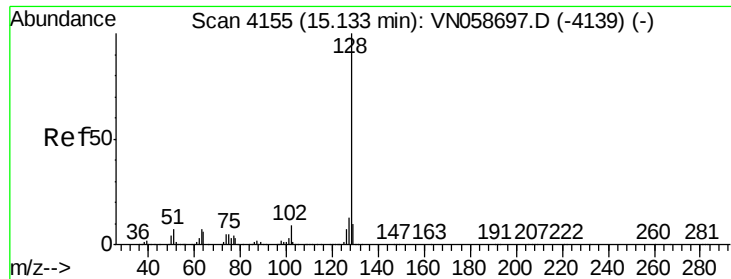
120 43.9 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

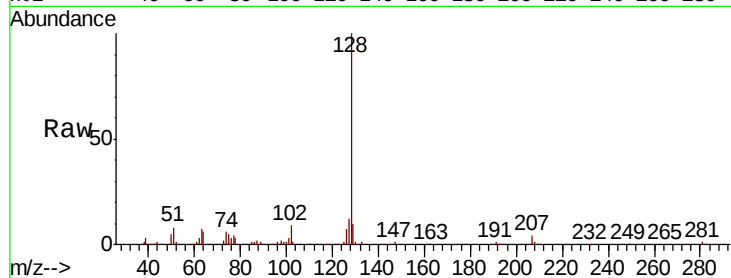




#95
Naphthalene
Concen: 23.460 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058786.D
Acq: 15 Oct 2019 16:38

Instrument :
MSVOA_N
ClientSampleId :
COMP-32

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.5	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

