

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101719\
 Data File : VN058840.D
 Acq On : 17 Oct 2019 19:56
 Operator : JC/SP
 Sample : K5394-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-15-E1-(20)

Quant Time: Oct 18 04:49:51 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

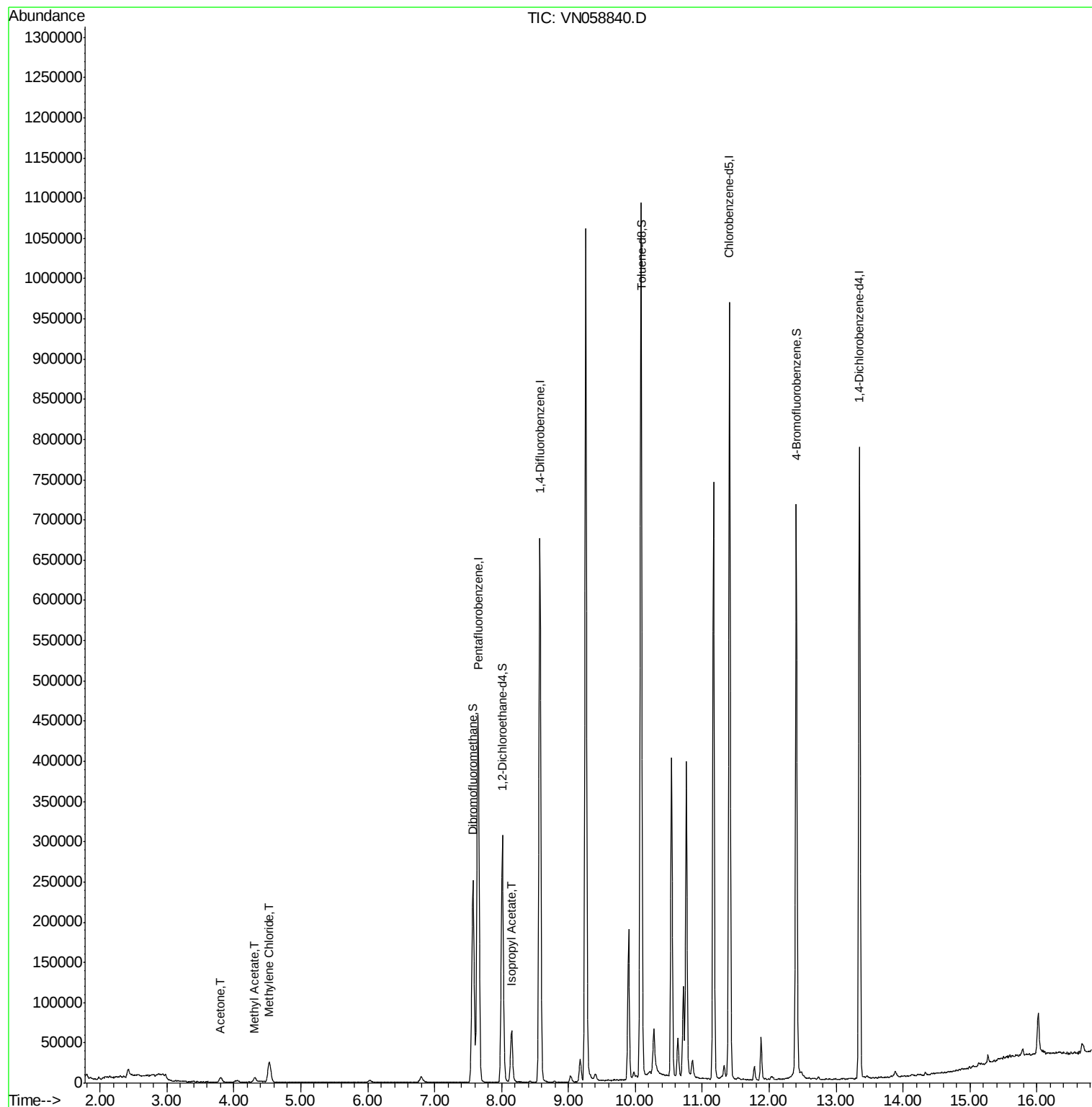
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	352699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	570300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	525877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	199398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	265255	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
35) Dibromofluoromethane	7.57	113	188678	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
50) Toluene-d8	10.09	98	731885	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	235905	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
16) Acetone	3.80	43	10811	5.289	ug/l	93
18) Methyl Acetate	4.31	43	9676	1.866	ug/l	99
20) Methylene Chloride	4.53	84	18749	4.389	ug/l	92
43) Isopropyl Acetate	8.15	43	78067	7.858	ug/l #	91

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

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
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: VN058840.D

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Instrument :

MSVOA_N

ClientSampleId :

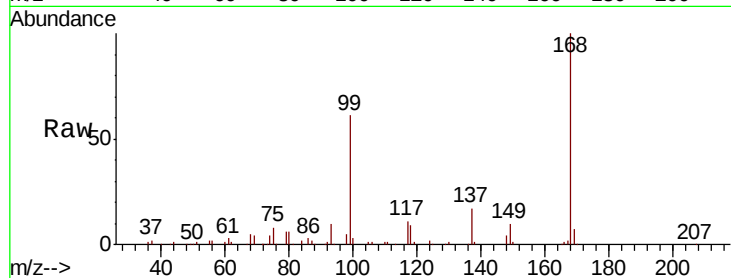
T-15-E1-(20)

Tot Ion:168 Resp: 352699

Ion Ratio Lower Upper

168 100

99 61.4 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

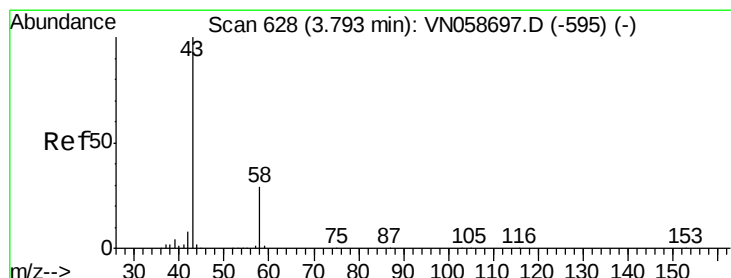
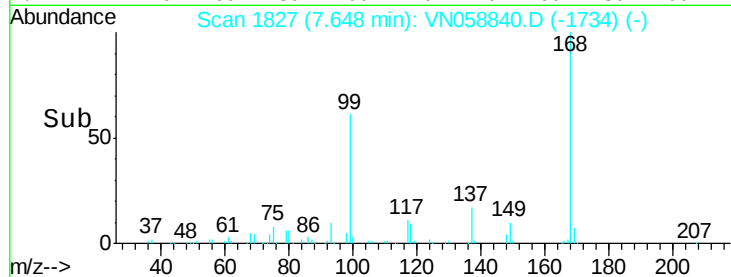
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.289 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058840.D

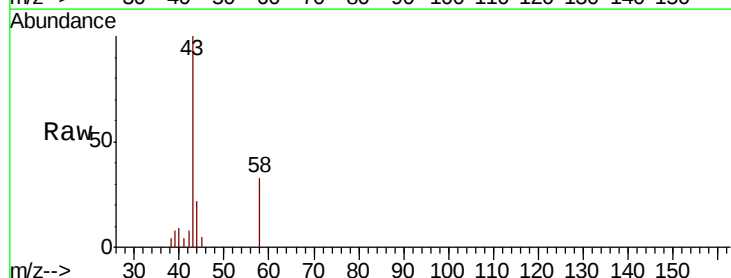
Acq: 17 Oct 2019 19:56

Tgt Ion: 43 Resp: 10811

Ion Ratio Lower Upper

43 100

58 33.1 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

4000

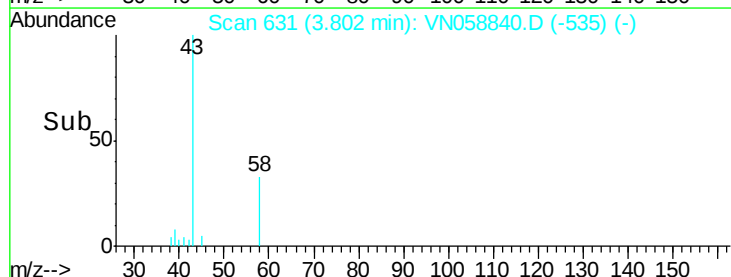
3000

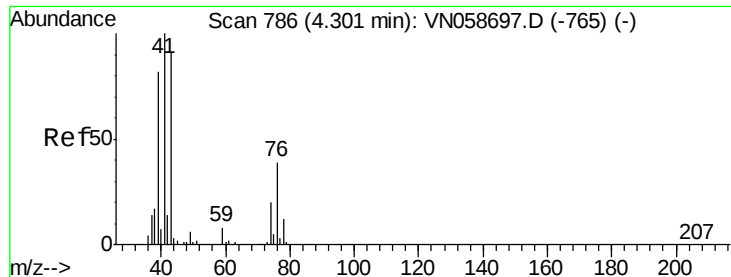
2000

1000

0

Time-->





#18

Methyl Acetate

Concen: 1.866 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058840.D

Acq: 17 Oct 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

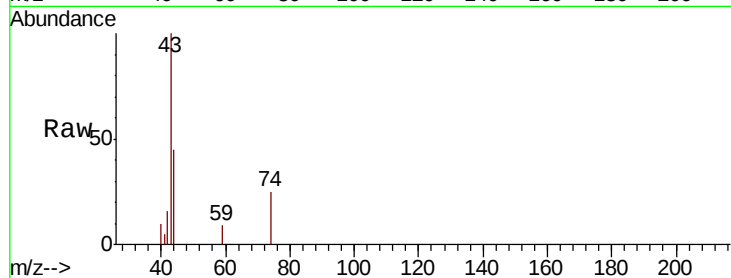
T-15-E1-(20)

Tot Ion: 43 Resp: 9676

Ion Ratio Lower Upper

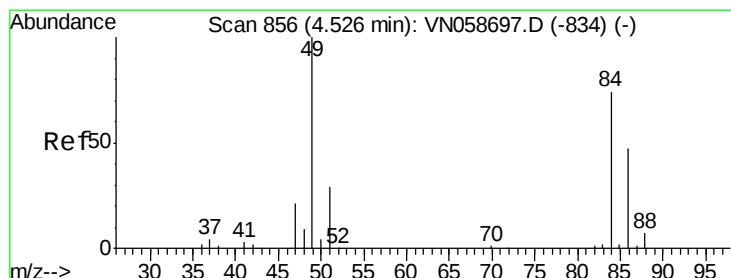
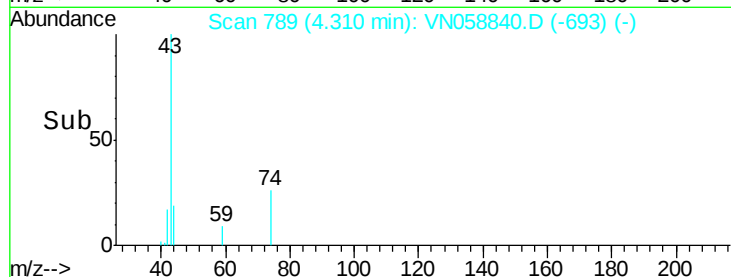
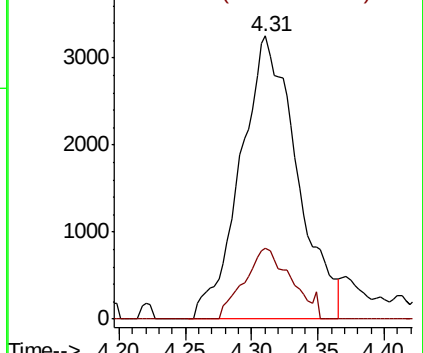
43 100

74 20.9 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 4.389 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058840.D

Acq: 17 Oct 2019 19:56

Tgt Ion: 84 Resp: 18749

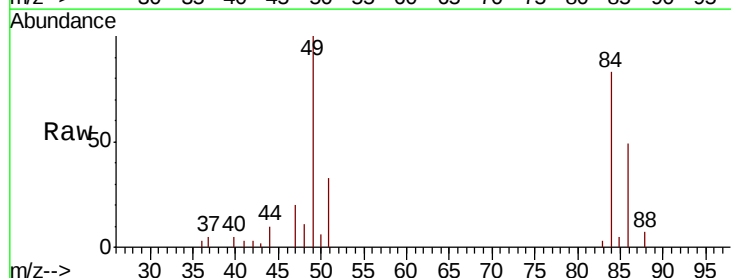
Ion Ratio Lower Upper

84 100

49 120.3 107.6 161.4

51 39.5 31.4 47.0

86 58.6 50.3 75.5

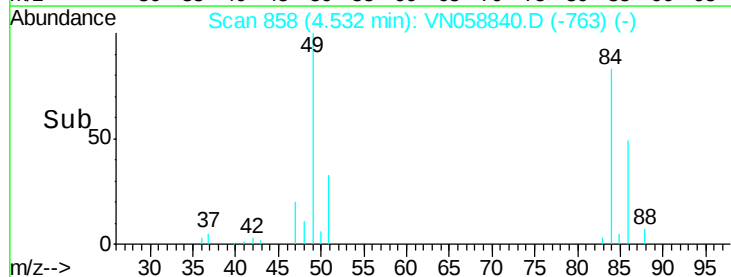
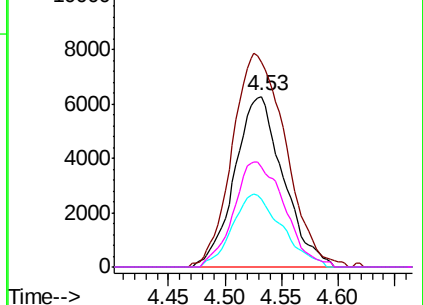


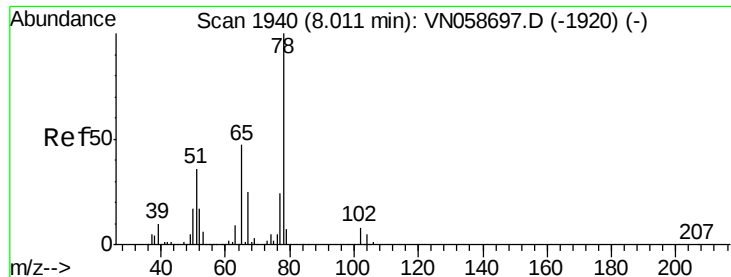
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.720 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058840.D

Acq: 17 Oct 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

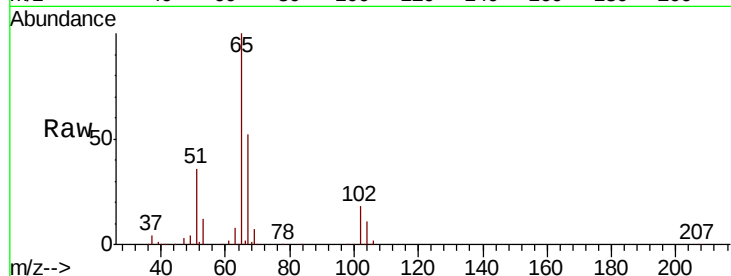
T-15-E1-(20)

Tot Ion: 65 Resp: 265255

Ion Ratio Lower Upper

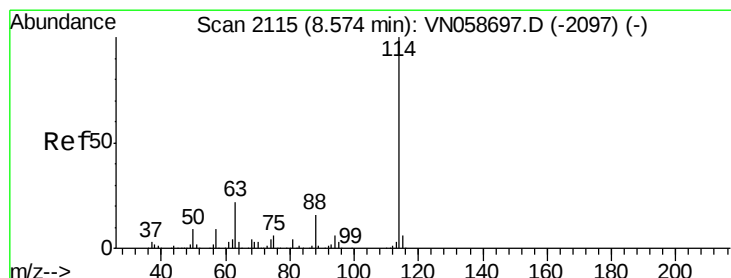
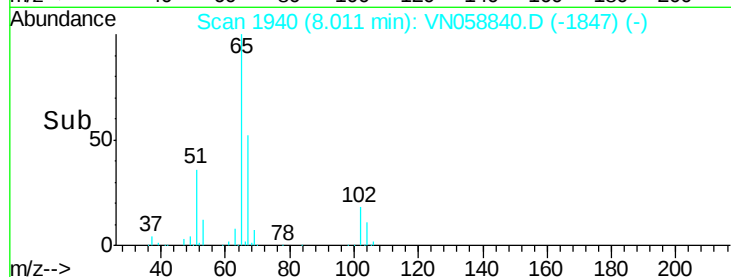
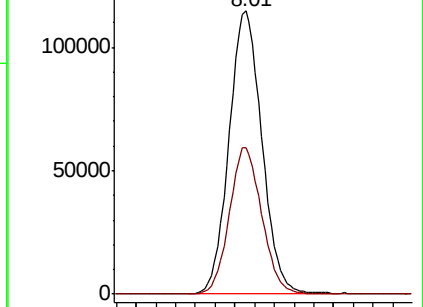
65 100

67 51.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058840.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058840.D (-1847) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058840.D

Acq: 17 Oct 2019 19:56

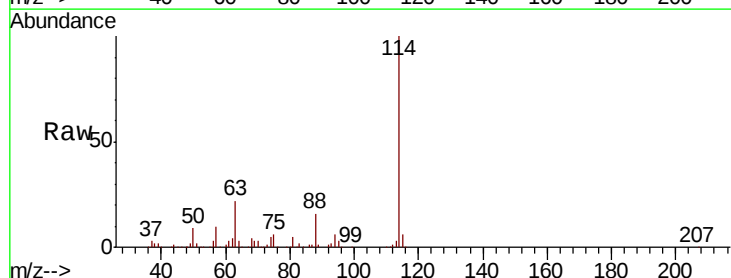
Tgt Ion: 114 Resp: 570300

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

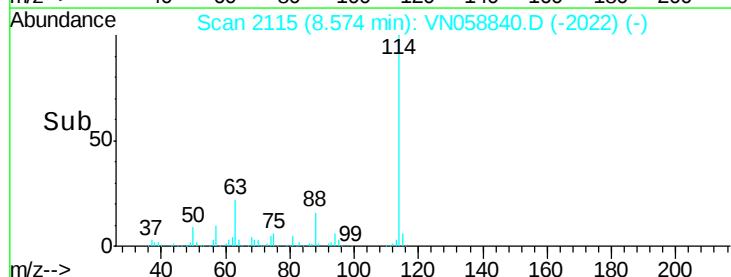
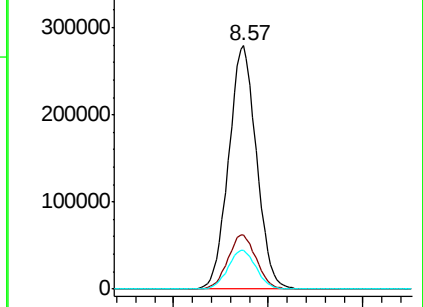
88 15.7 0.0 32.0

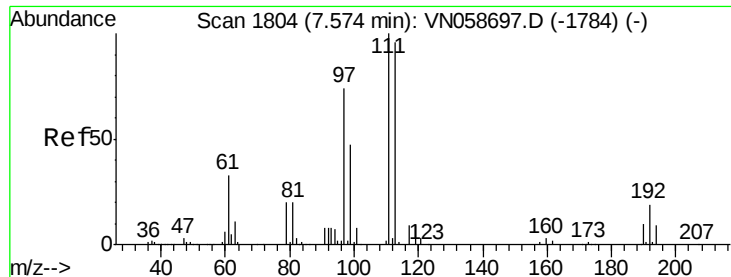


Abundance Ion 113.90 (113.60 to 114.60): VN058840.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058840.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058840.D (-2022) (-)

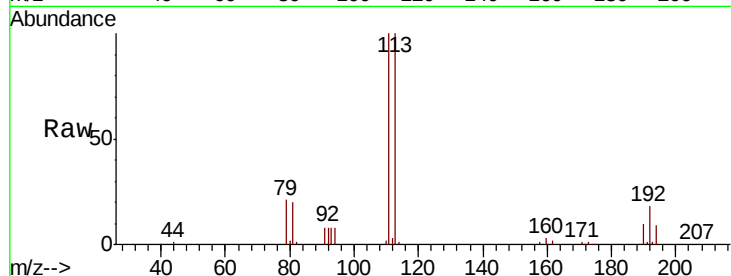




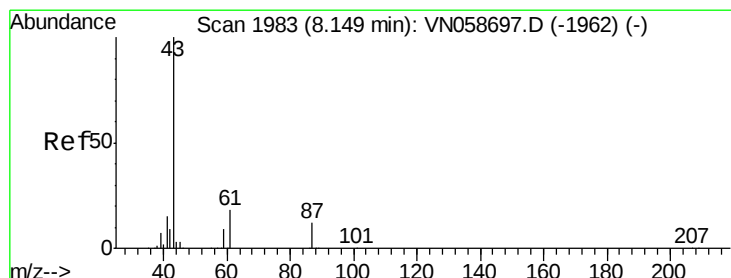
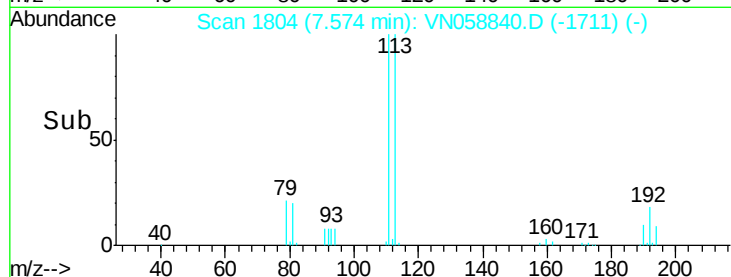
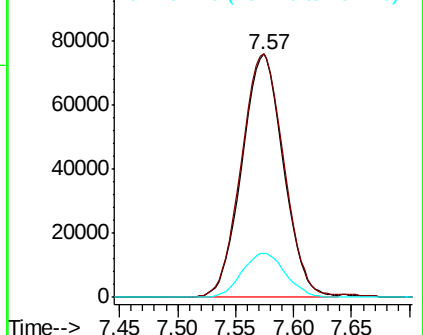
#35
 Dibromofluoromethane
 Concen: 53.562 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058840.D
 Acq: 17 Oct 2019 19:56

Instrument :
 MSVOA_N
 ClientSampleId :
 T-15-E1-(20)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	18.9	15.0	22.6

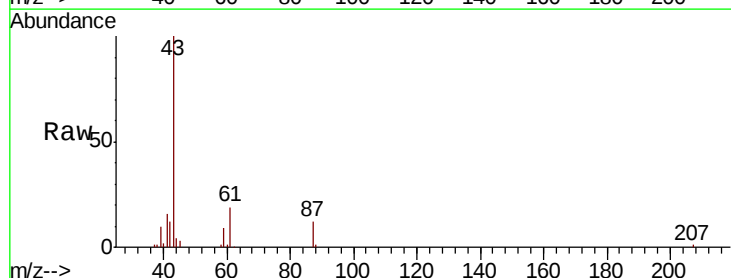


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

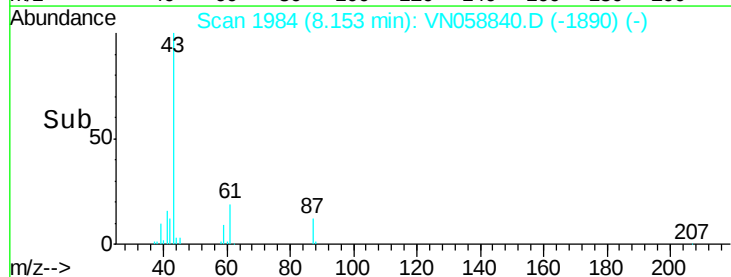
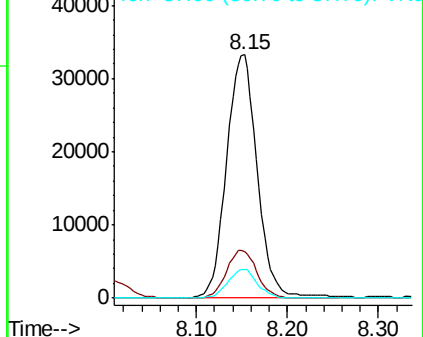


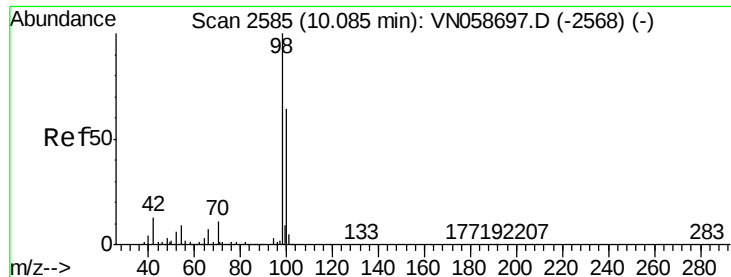
#43
 Isopropyl Acetate
 Concen: 7.858 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058840.D
 Acq: 17 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	20.3	30.5#
87	11.2	9.8	14.6



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.957 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058840.D

Acq: 17 Oct 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

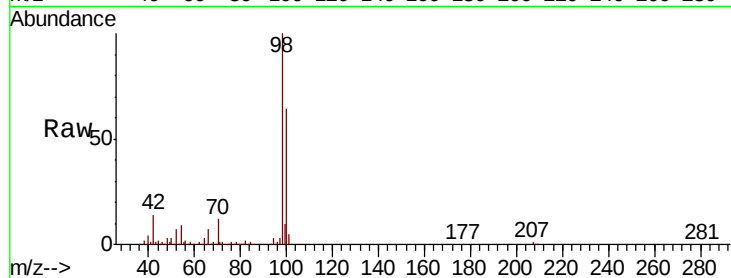
T-15-E1-(20)

Tot Ion: 98 Resp: 731885

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058697.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058697.D (-2568) (-)

10.09

400000

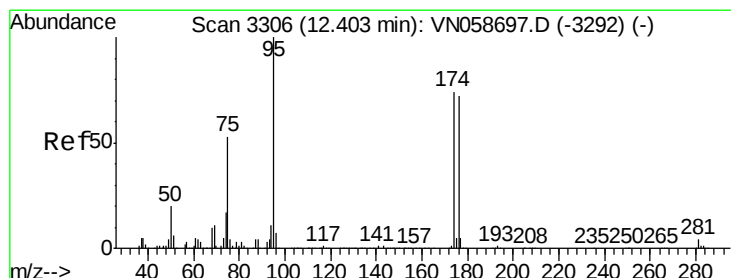
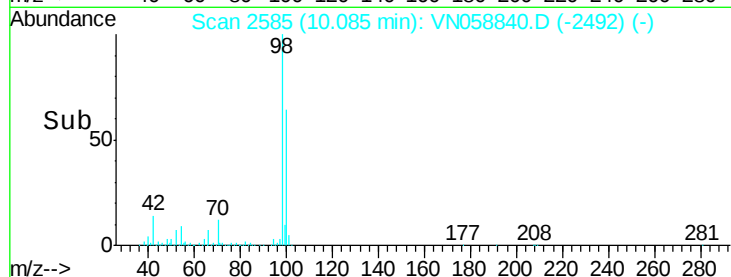
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.242 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058840.D

Acq: 17 Oct 2019 19:56

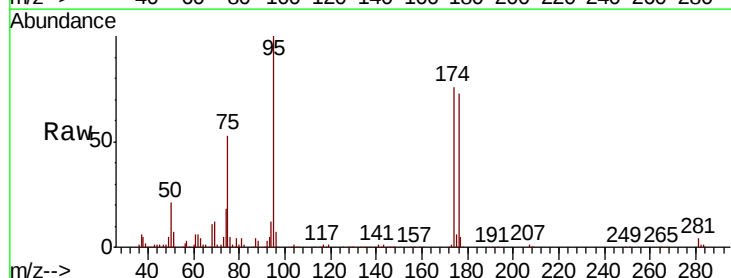
Tgt Ion: 95 Resp: 235905

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

176 73.2 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

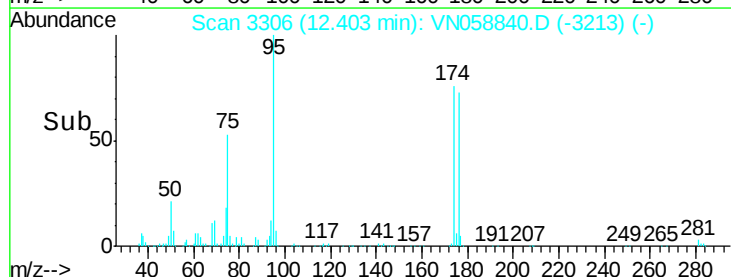
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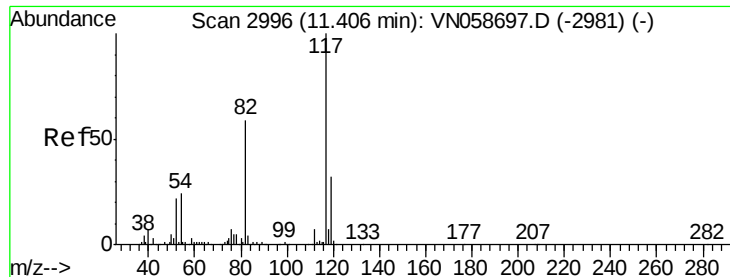
100000

50000

0

Time-->

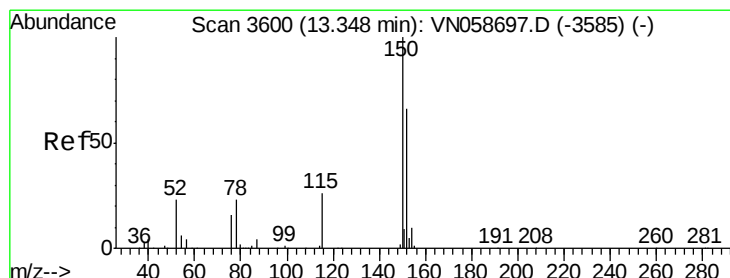
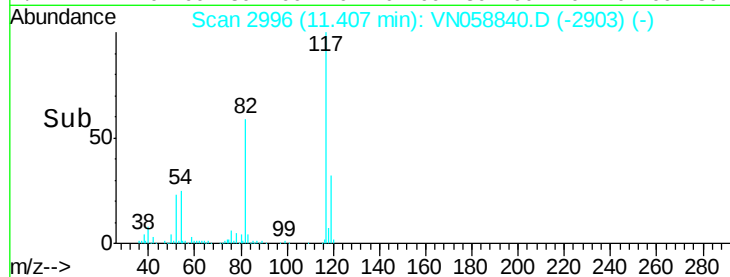
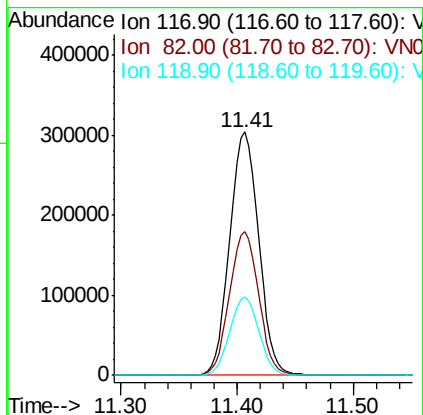
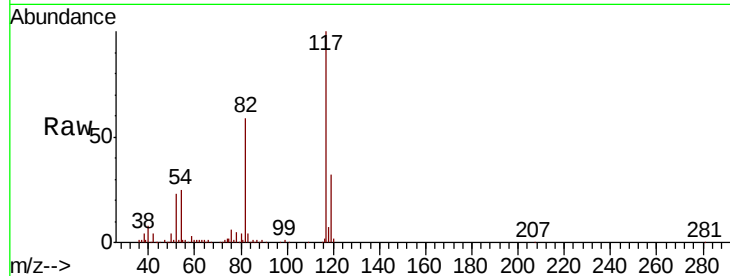




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058840.D
Acq: 17 Oct 2019 19:56

Instrument :
MSVOA_N
ClientSampleId :
T-15-E1-(20)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.0	70.4
119	32.2	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058840.D
Acq: 17 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.4	91.2
150	159.2	0.0	345.4

