

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058787.D
 Acq On : 15 Oct 2019 17:00
 Operator : JC/SP
 Sample : K5355-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-33

Quant Time: Oct 16 05:17:43 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

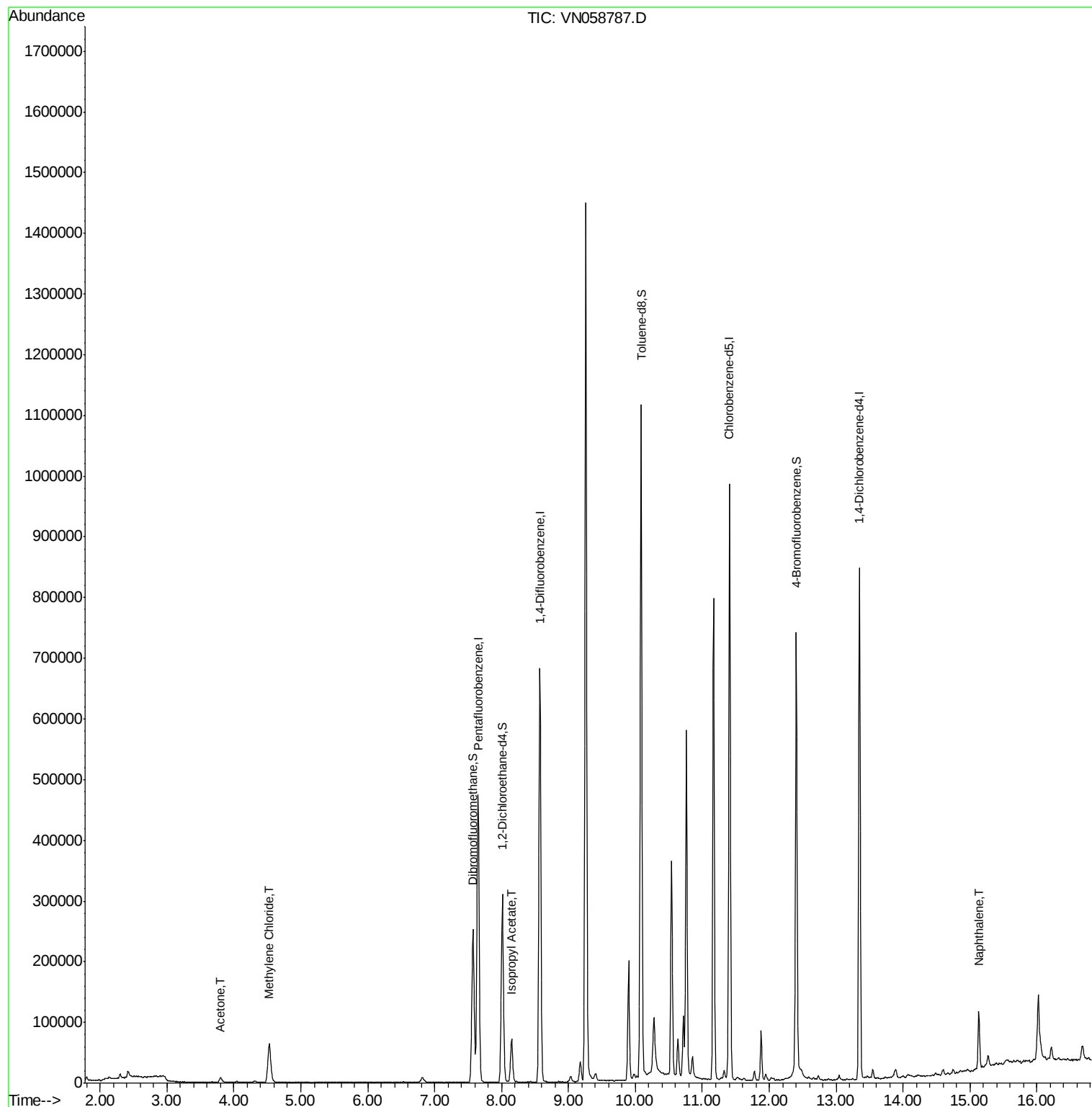
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	369404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	586615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	267840	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
35) Dibromofluoromethane	7.57	113	188999	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
50) Toluene-d8	10.08	98	750106	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.40	95	240852	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
Target Compounds						
16) Acetone	3.80	43	14153	6.610	ug/l	94
20) Methylene Chloride	4.53	84	46912	10.484	ug/l	99
43) Isopropyl Acetate	8.15	43	83884	8.209	ug/l #	90
95) Naphthalene	15.13	128	72428	6.072	ug/l	98

(#) = 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: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

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ClientSampleId :

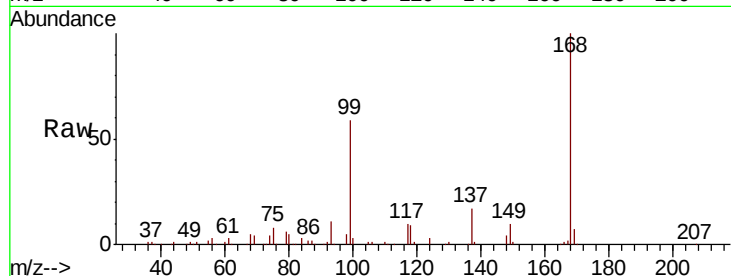
COMP-33

Tot Ion:168 Resp: 369404

Ion Ratio Lower Upper

168 100

99 59.3 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

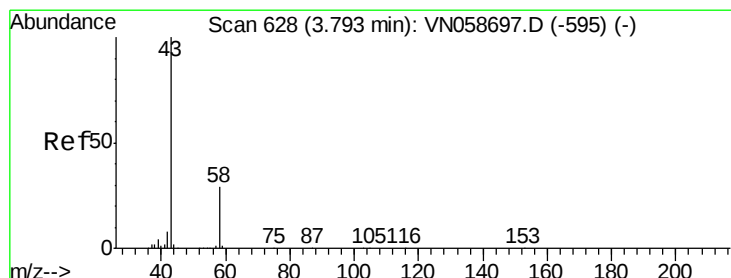
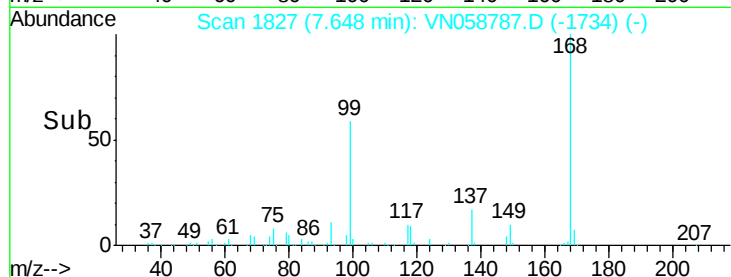
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.610 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058787.D

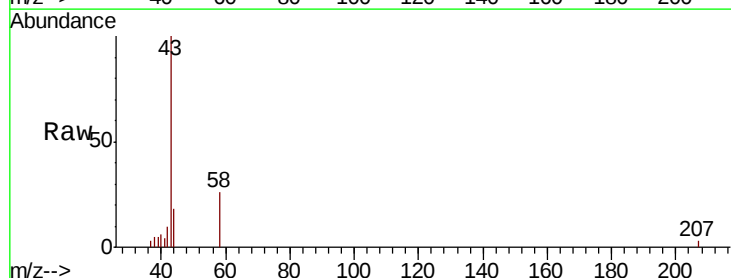
Acq: 15 Oct 2019 17:00

Tgt Ion: 43 Resp: 14153

Ion Ratio Lower Upper

43 100

58 25.9 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

5000

4000

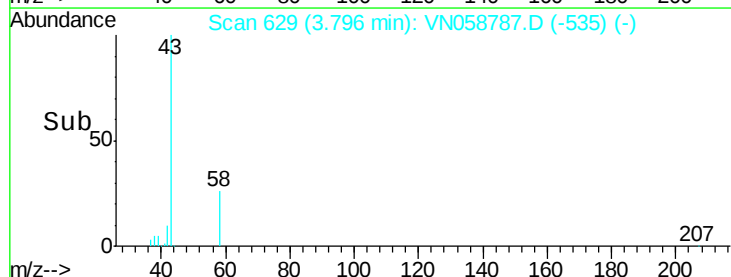
3000

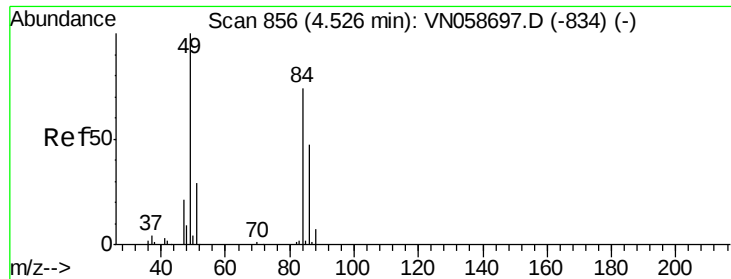
2000

1000

0

Time-->

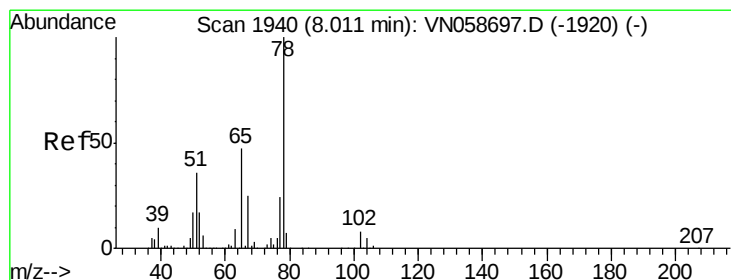
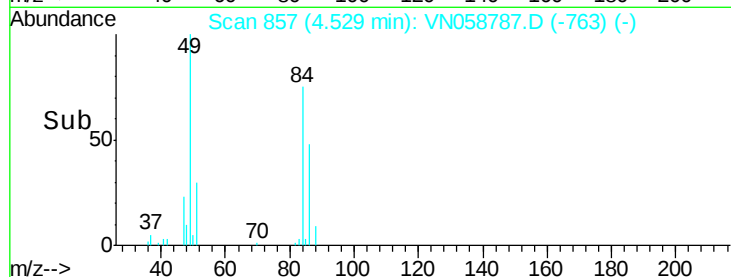
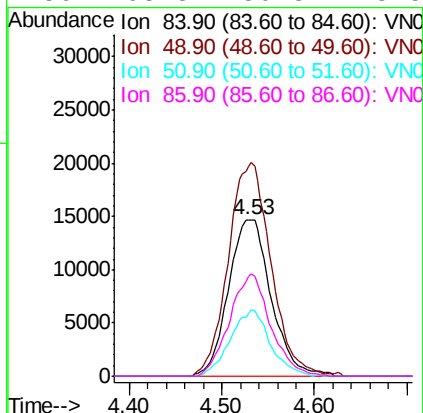
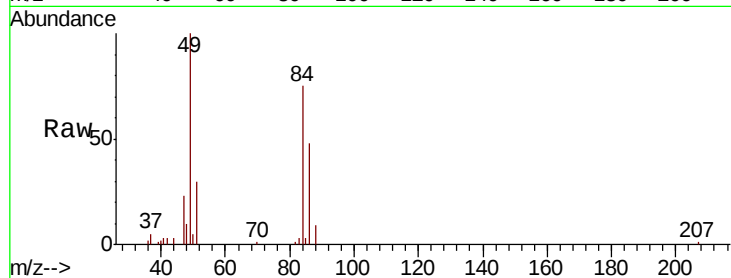




#20
Methylene Chloride
Concen: 10.484 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058787.D
Acq: 15 Oct 2019 17:00

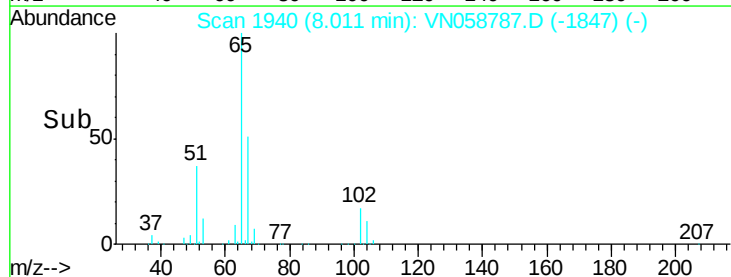
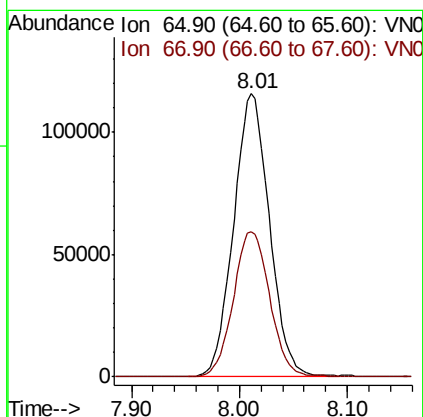
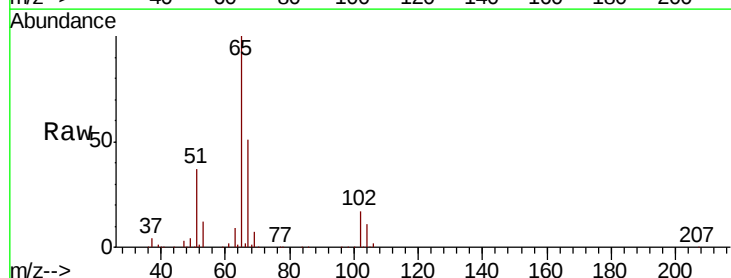
Instrument :
MSVOA_N
ClientSampleId :
COMP-33

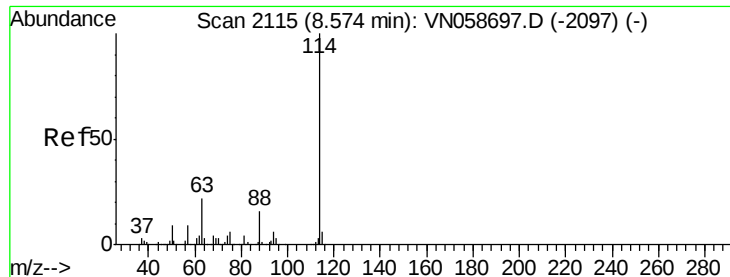
Tot Ion: 84 Resp: 46912
Ion Ratio Lower Upper
84 100
49 133.7 107.6 161.4
51 40.1 31.4 47.0
86 63.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 51.791 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058787.D
Acq: 15 Oct 2019 17:00

Tgt Ion: 65 Resp: 267840
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

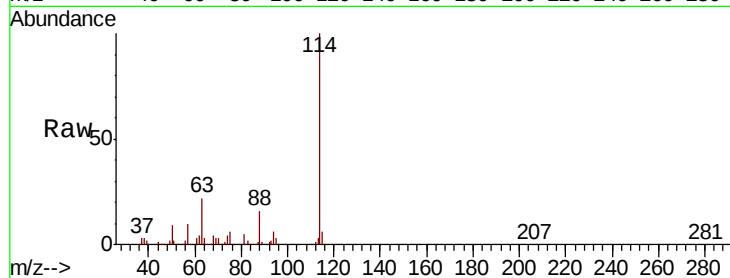




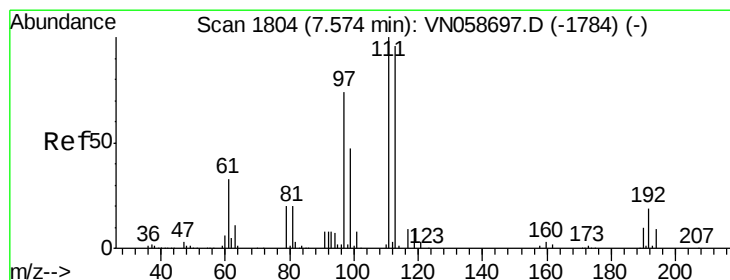
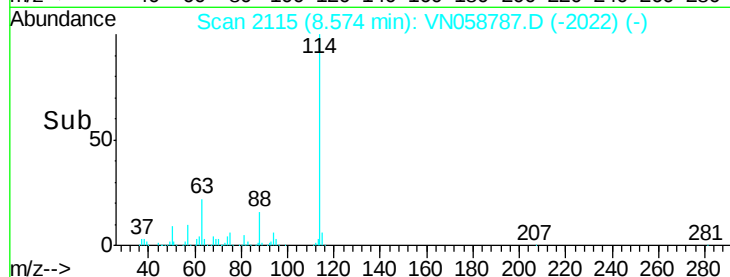
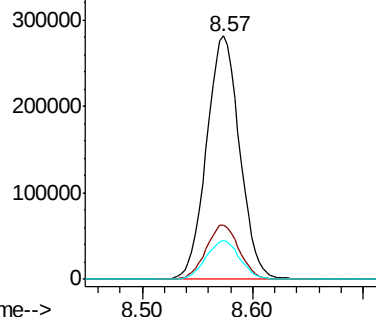
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058787.D
Acq: 15 Oct 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :
COMP-33

Tot Ion:114 Resp: 586615
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.8
88 15.8 0.0 32.0

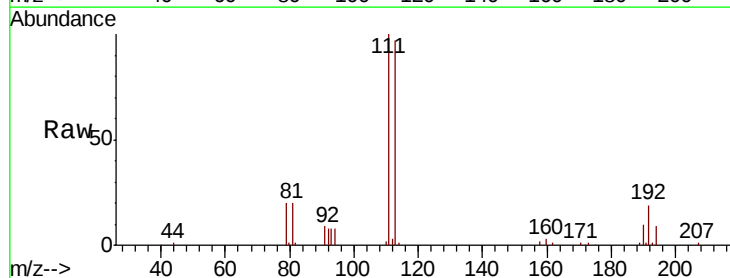


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

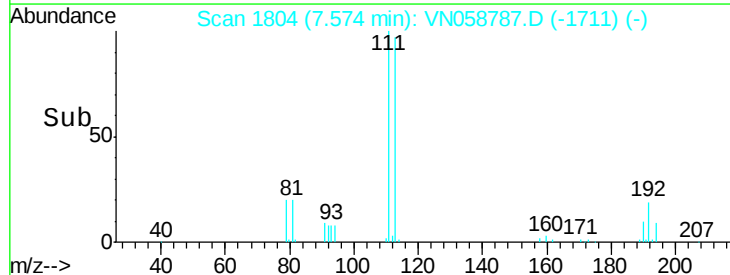
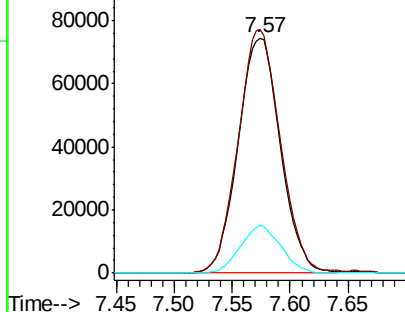


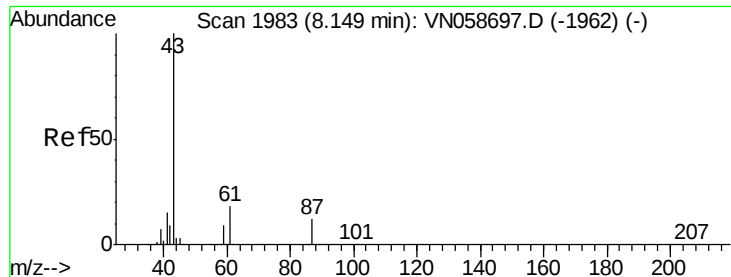
#35
Dibromofluoromethane
Concen: 52.161 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058787.D
Acq: 15 Oct 2019 17:00

Tgt Ion:113 Resp: 188999
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.4 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: 8.209 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

COMP-33

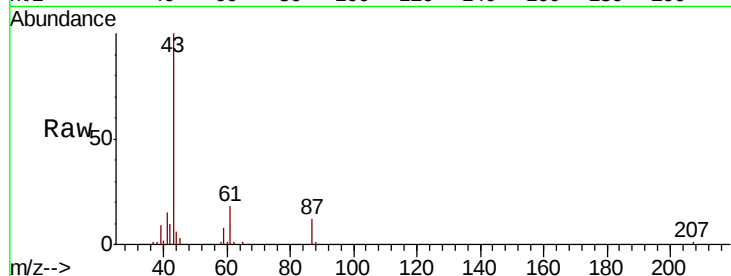
Tot Ion: 43 Resp: 83884

Ion Ratio Lower Upper

43 100

61 18.4 20.3 30.5#

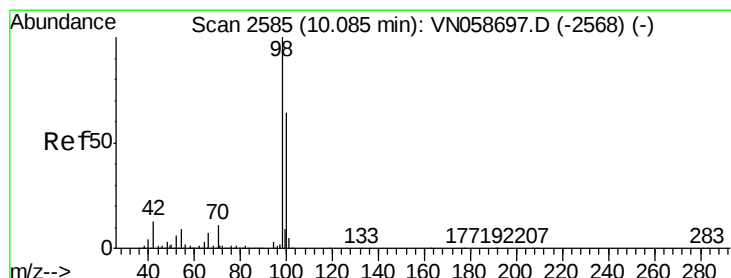
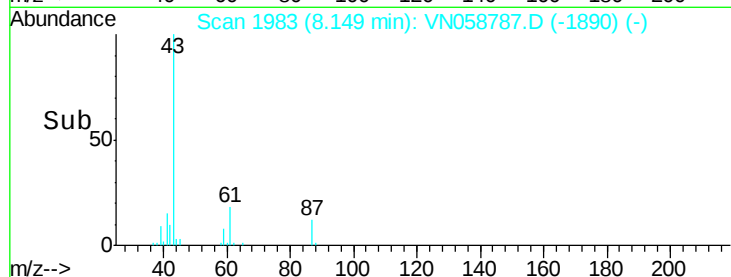
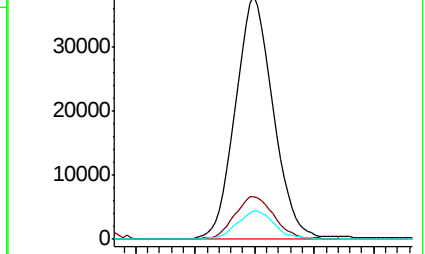
87 11.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN058787.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058787.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058787.D (-1890) (-)



#50

Toluene-d8

Concen: 51.769 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058787.D

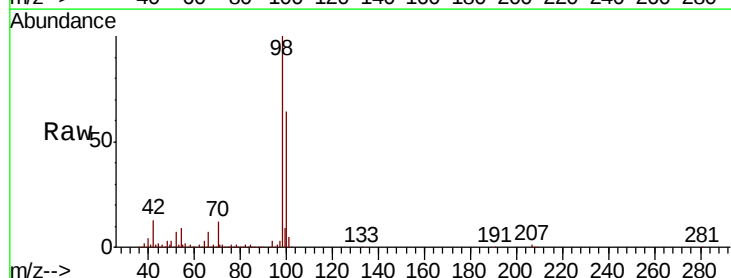
Acq: 15 Oct 2019 17:00

Tgt Ion: 98 Resp: 750106

Ion Ratio Lower Upper

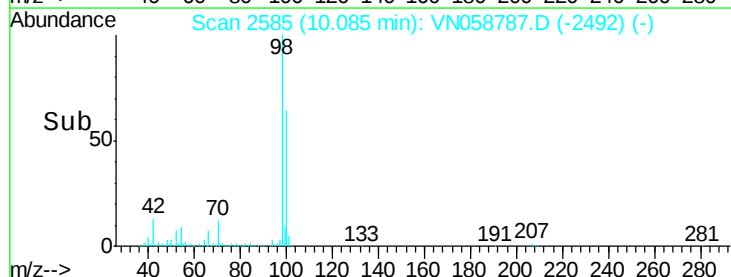
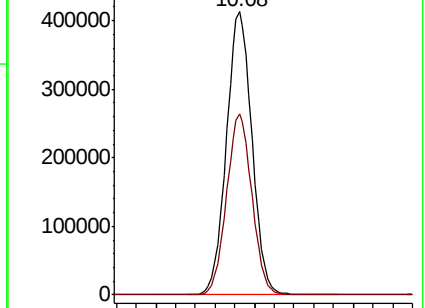
98 100

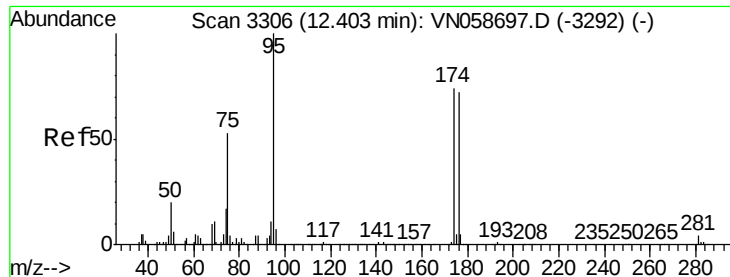
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058787.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058787.D (-2492) (-)

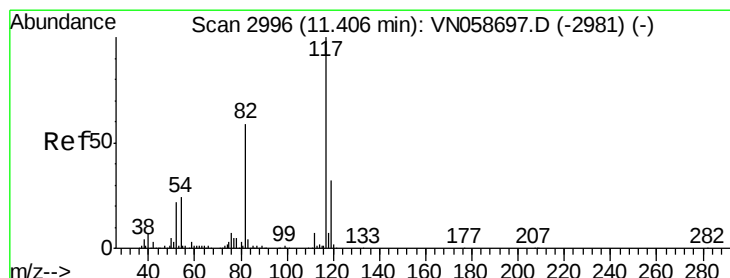
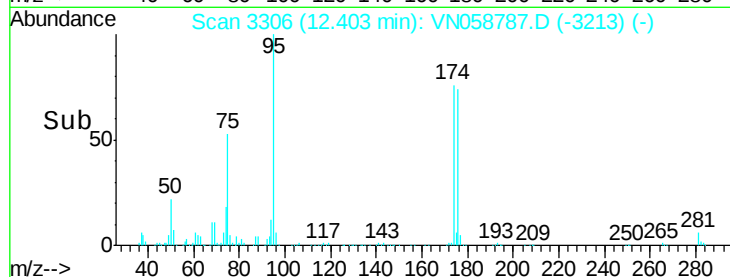
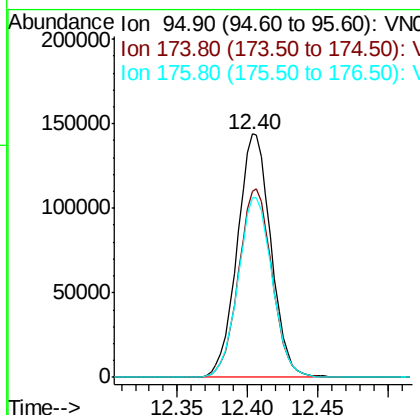
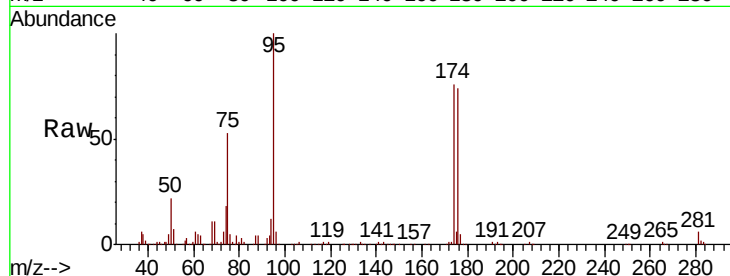




#62
4-Bromofluorobenzene
Concen: 43.914 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058787.D
Acq: 15 Oct 2019 17:00

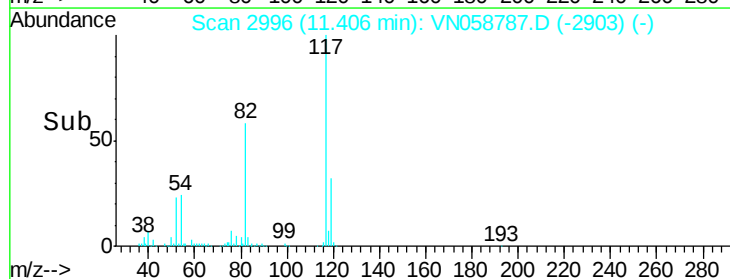
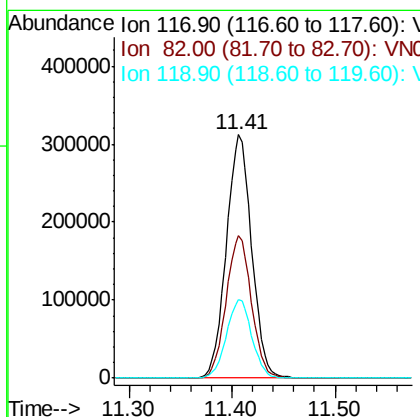
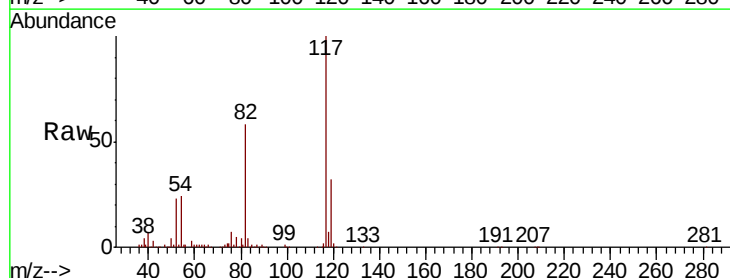
Instrument :
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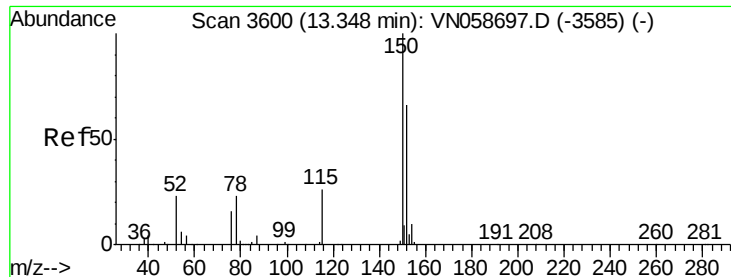
Tot Ion	95	Resp	240852
Ion Ratio	100	Lower	Upper
174	77.3	0.0	150.4
176	75.0	0.0	146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058787.D
Acq: 15 Oct 2019 17:00

Tgt Ion	117	Resp	534312
Ion Ratio	100	Lower	Upper
82	58.3	47.0	70.4
119	32.4	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: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA_N

ClientSampled :

COMP-33

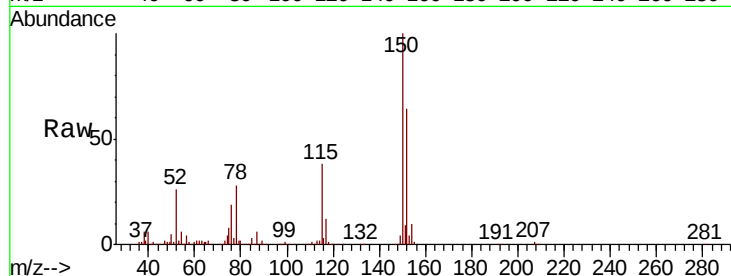
Tot Ion:152 Resp: 214870

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.2

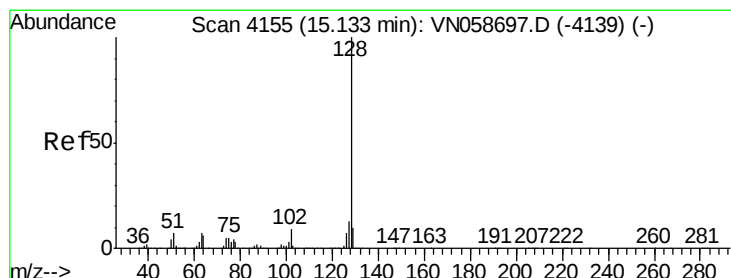
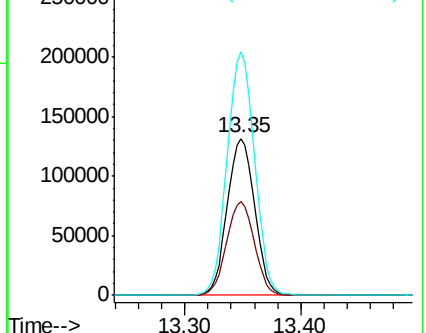
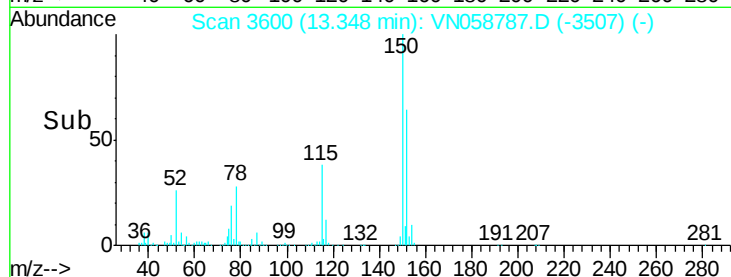
150 155.2 0.0 345.4



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: 6.072 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

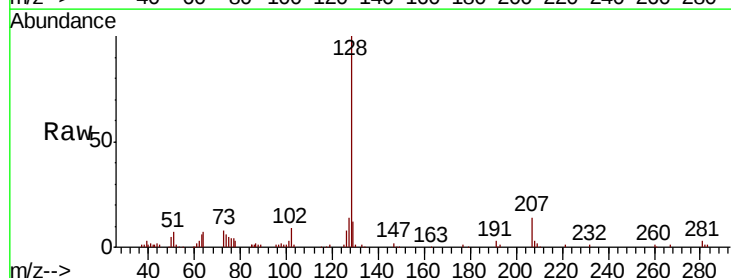
Tgt Ion:128 Resp: 72428

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 11.5 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

