

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057269.D
 Acq On : 14 Aug 2019 00:41
 Operator : JC/SP
 Sample : K4266-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C2-(4.3)

Quant Time: Aug 14 07:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

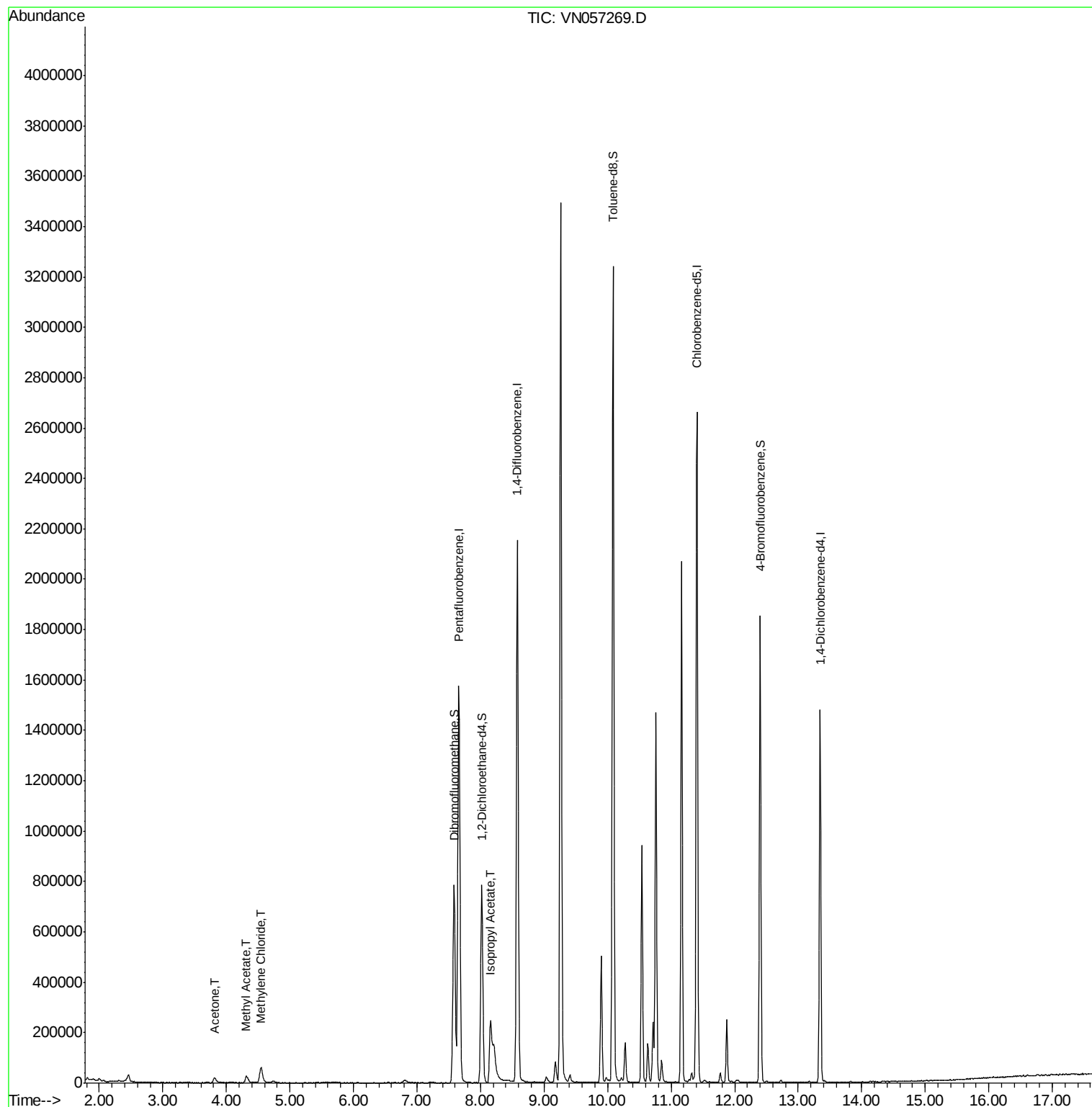
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1465580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2036228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1707376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	440738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	675667	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
35) Dibromofluoromethane	7.58	113	611272	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	10.09	98	2379397	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	624851	38.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.84%	
Target Compounds						
16) Acetone	3.81	43	32039	6.321	ug/l	93
18) Methyl Acetate	4.31	43	54469	3.076	ug/l #	69
20) Methylene Chloride	4.55	84	48779	3.294	ug/l	95
43) Isopropyl Acetate	8.16	43	315794	13.401	ug/l #	76

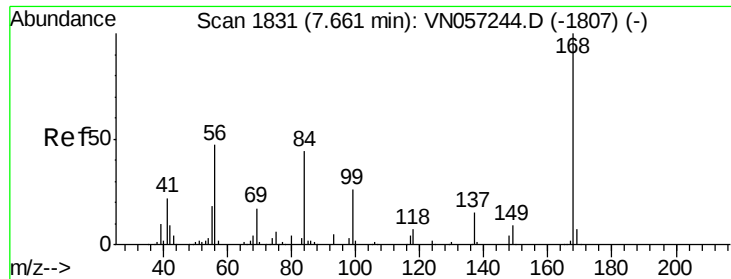
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081319\
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ClientSampleId :
R1-R2-C2-(4.3)

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Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

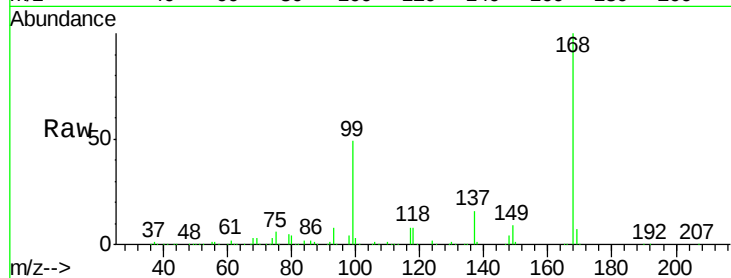
R1-R2-C2-(4.3)

Tot Ion:168 Resp: 1465580

Ion Ratio Lower Upper

168 100

99 48.6 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

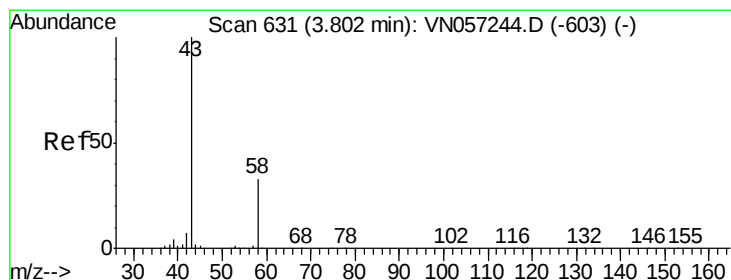
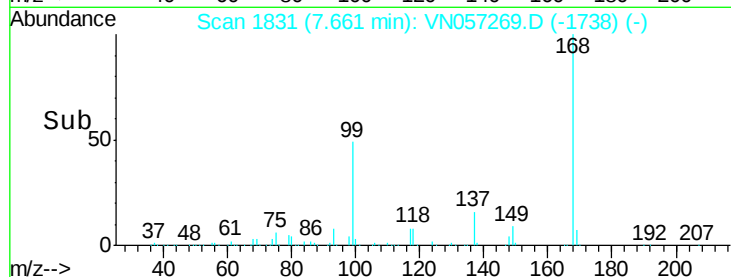
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 6.321 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057269.D

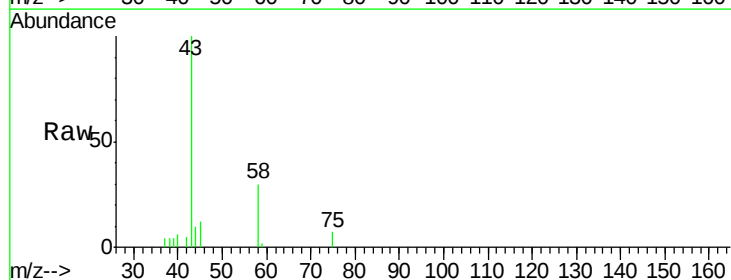
Acq: 14 Aug 2019 00:41

Tgt Ion: 43 Resp: 32039

Ion Ratio Lower Upper

43 100

58 29.5 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

12000

10000

8000

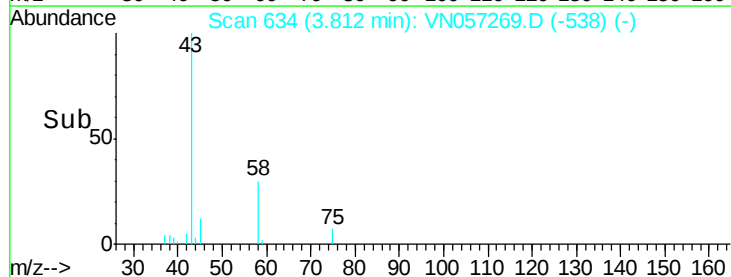
6000

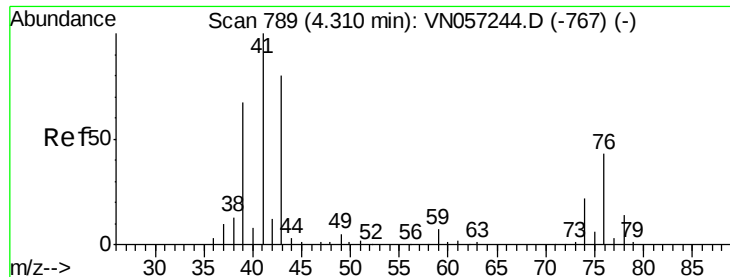
4000

2000

0

Time-->





#18

Methyl Acetate

Concen: 3.076 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

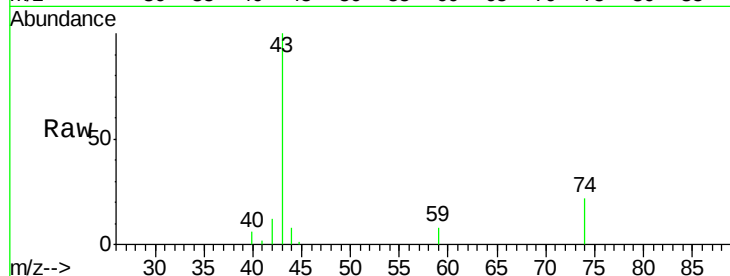
R1-R2-C2-(4.3)

Tot Ion: 43 Resp: 54469

Ion Ratio Lower Upper

43 100

74 10.3 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

20000

15000

10000

5000

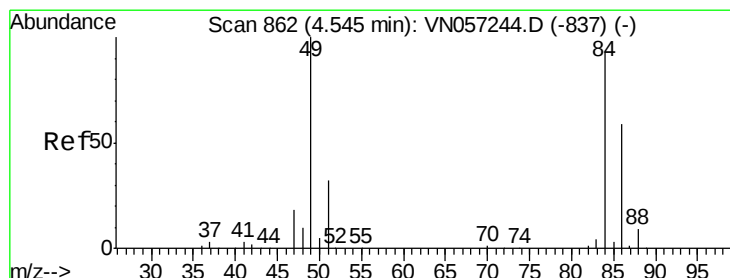
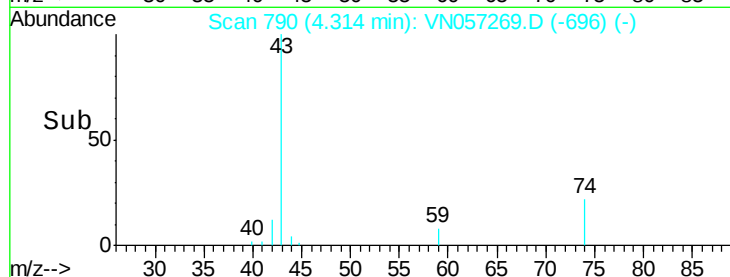
0

Time-->

4.20

4.30

4.40



#20

Methylene Chloride

Concen: 3.294 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Tgt Ion: 84 Resp: 48779

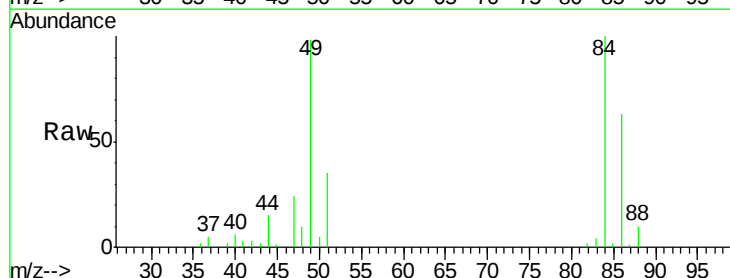
Ion Ratio Lower Upper

84 100

49 98.3 85.9 128.9

51 34.5 27.1 40.7

86 62.9 51.0 76.6



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

20000

15000

10000

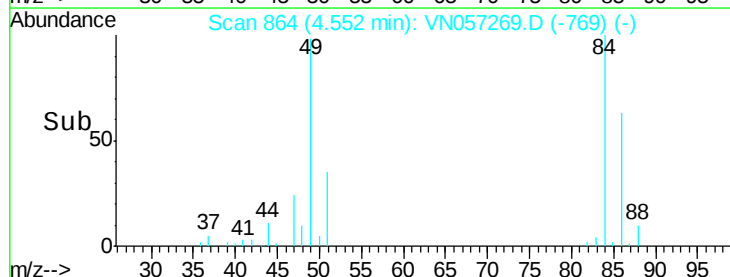
5000

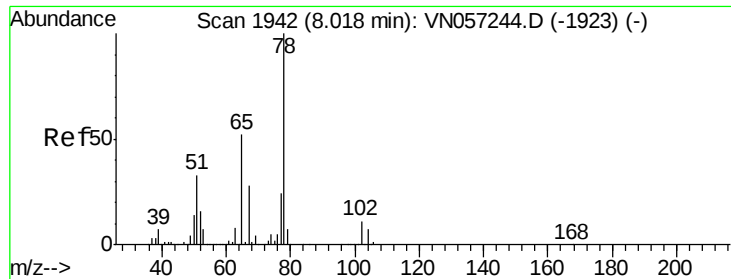
0

Time-->

4.50

4.60





#33

1,2-Dichloroethane-d4

Concen: 45.701 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

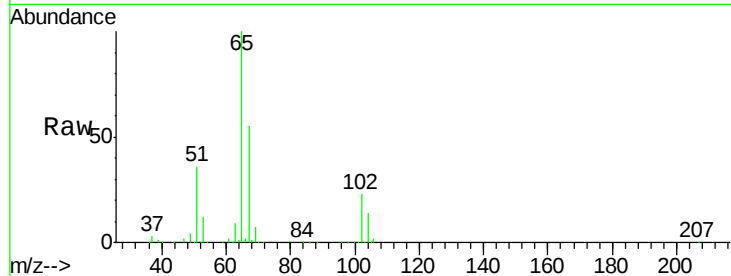
R1-R2-C2-(4.3)

Tot Ion: 65 Resp: 675667

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN057269.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057269.D (-1849) (-)

8.02

300000

250000

200000

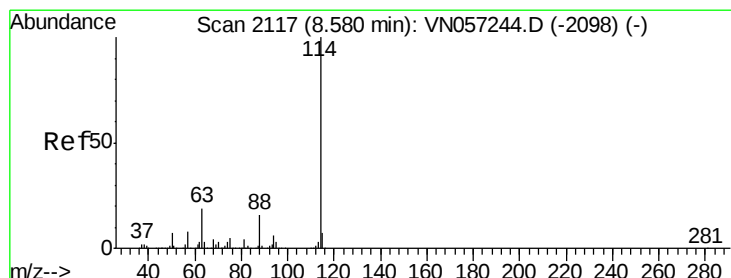
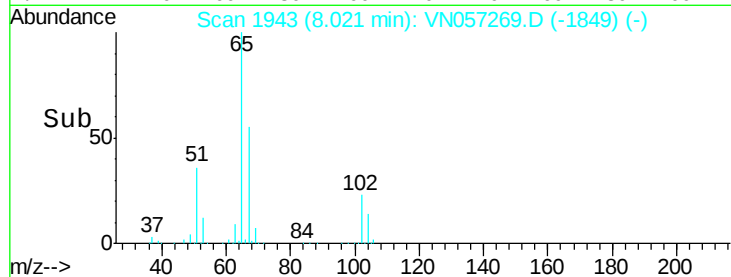
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

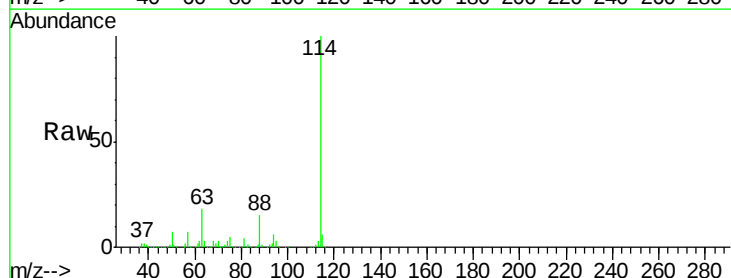
Tgt Ion: 114 Resp: 2036228

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

88 15.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN057269.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057269.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057269.D (-2024) (-)

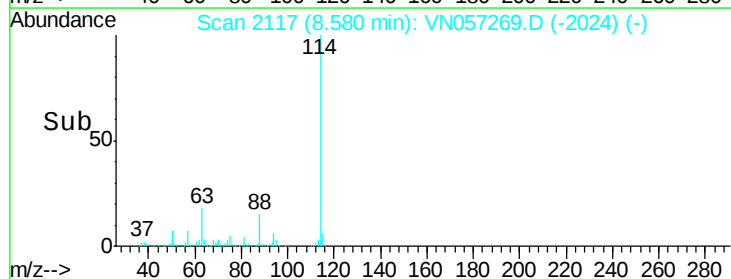
8.58

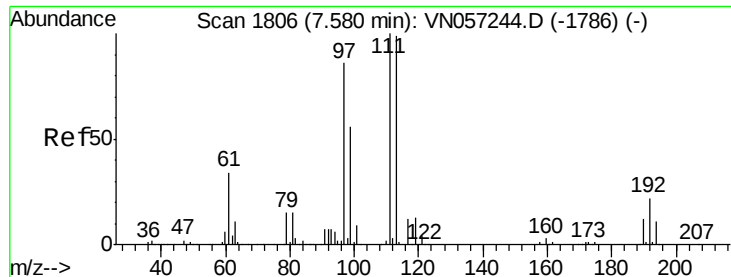
1000000

500000

0

Time--> 8.50 8.60 8.70

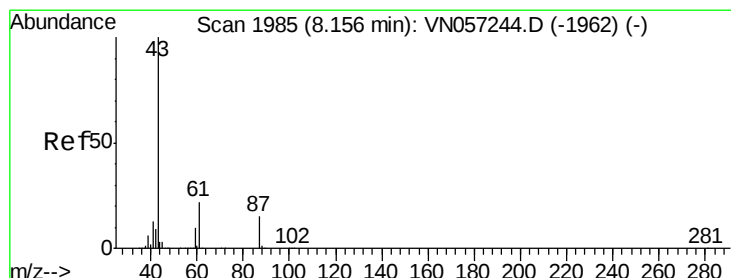
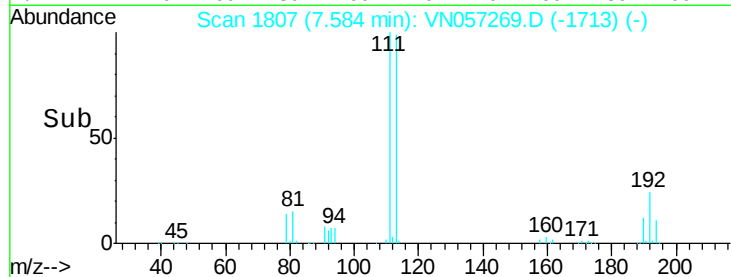
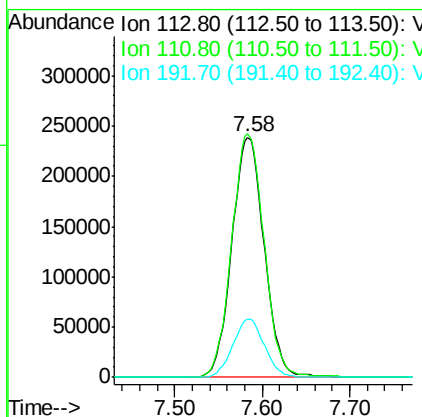
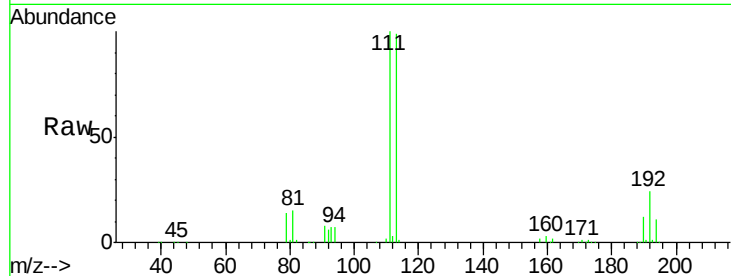




#35
 Dibromofluoromethane
 Concen: 47.015 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

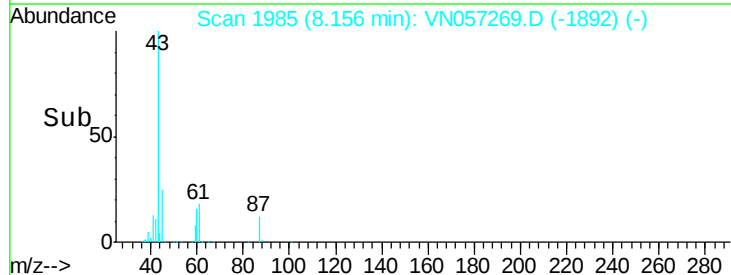
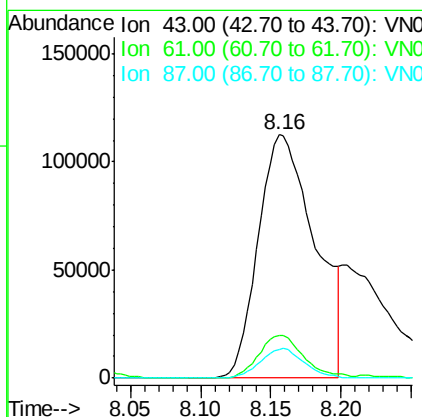
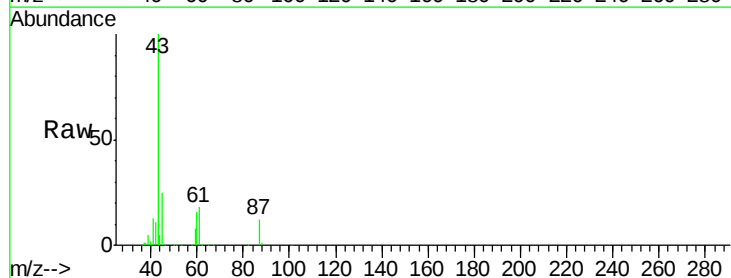
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C2-(4.3)

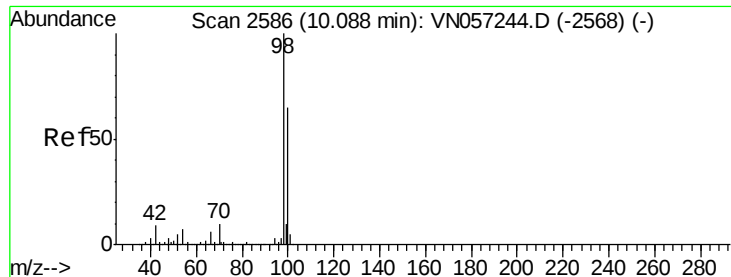
Tot Ion:113 Resp: 611272
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.2
 192 23.8 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 13.401 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

Tgt Ion: 43 Resp: 315794
 Ion Ratio Lower Upper
 43 100
 61 14.0 23.5 35.3#
 87 9.4 12.1 18.1#





#50

Toluene-d8

Concen: 50.175 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampled :

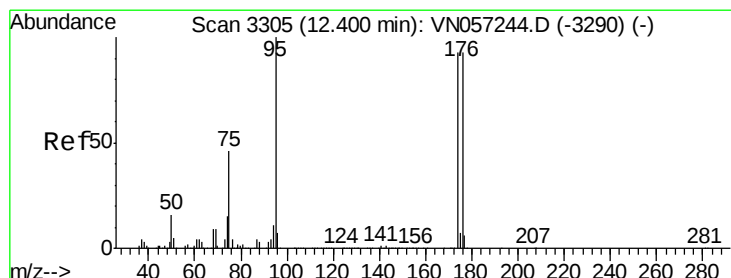
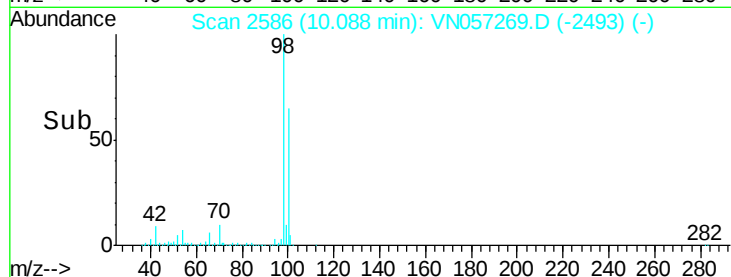
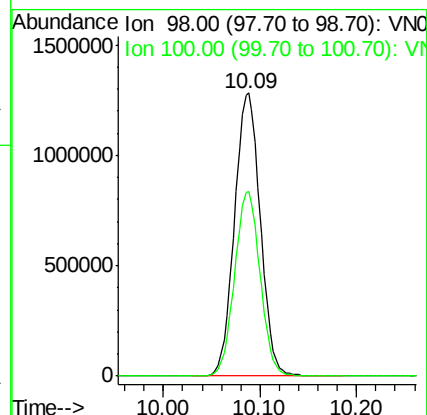
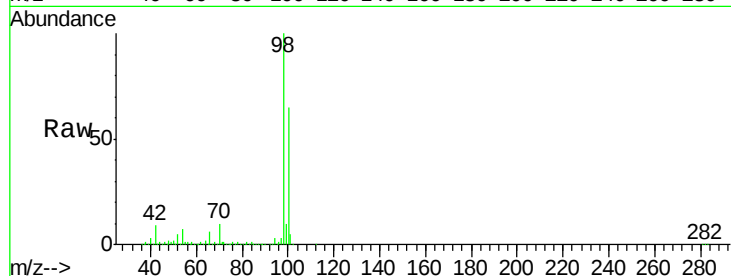
R1-R2-C2-(4.3)

Tot Ion: 98 Resp: 2379397

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 38.422 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

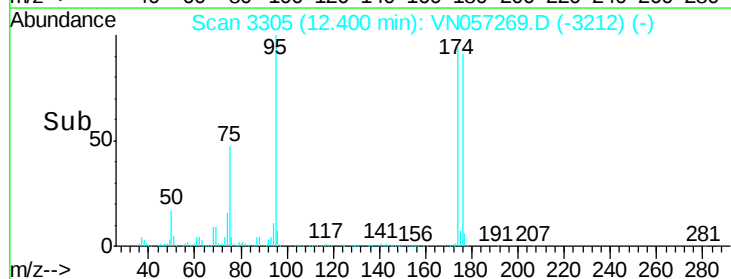
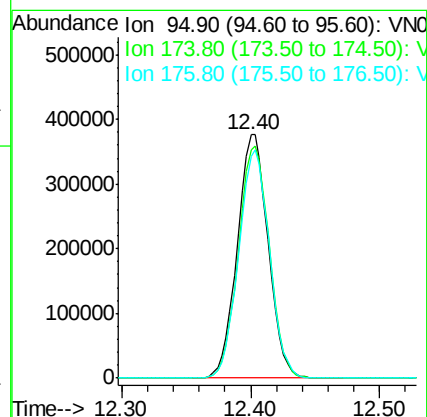
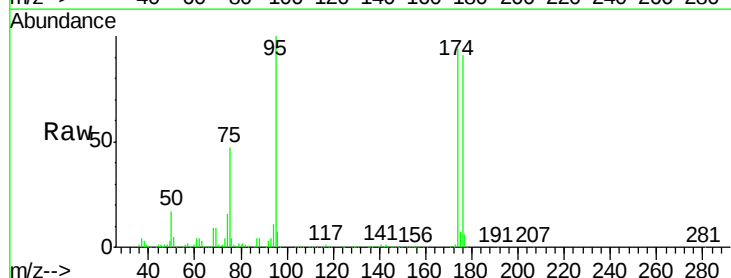
Tgt Ion: 95 Resp: 624851

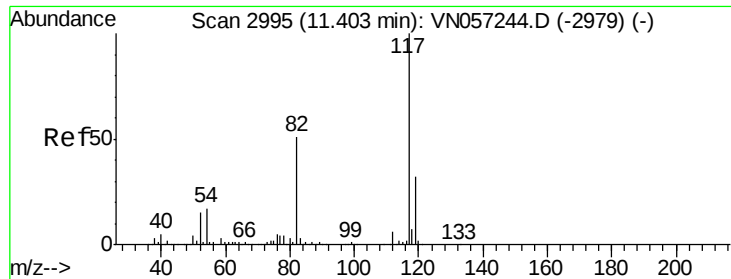
Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.6

176 93.3 0.0 185.8

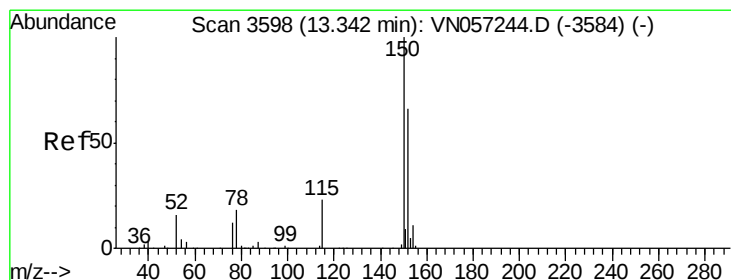
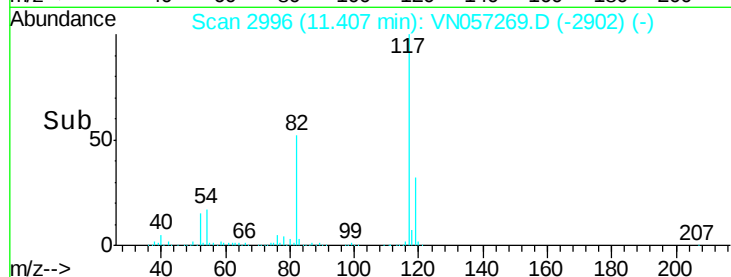
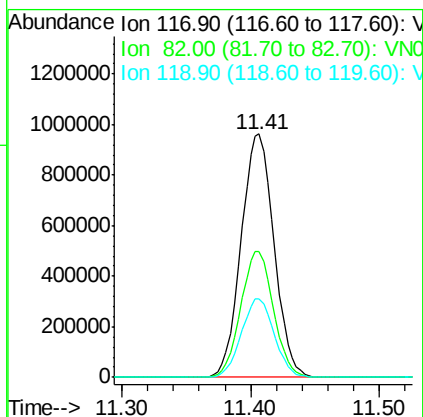
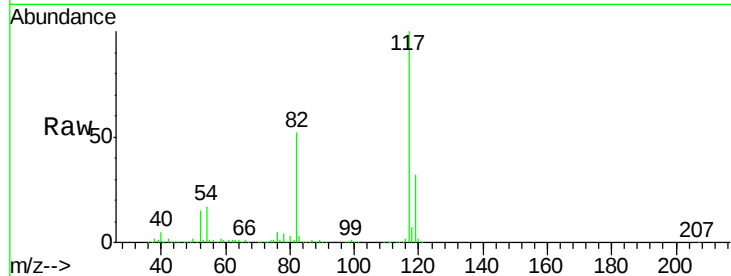




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057269.D
Acq: 14 Aug 2019 00:41

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C2-(4.3)

Tot Ion:117 Resp: 1707376
Ion Ratio Lower Upper
117 100
82 51.5 40.9 61.3
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057269.D
Acq: 14 Aug 2019 00:41

Tgt Ion:152 Resp: 440738
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 157.8 0.0 348.4

