

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059269.D
 Acq On : 15 Nov 2019 16:25
 Operator : JC/SP
 Sample : K5857-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4-1

Manual Integrations
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Quant Time: Nov 16 02:07:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	472585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	736029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	640218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	275857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	280012	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	7.57	113	218206	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.08	98	885917	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	300260	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
16) Acetone	3.79	43	7829943	2591.888	ug/l #	73
25) 2-Butanone	6.81	43	266867	67.028	ug/l	99
40) Benzene	8.02	78	24104	1.163	ug/l	96
43) Isopropyl Acetate	8.15	43	208052	17.051	ug/l #	91
52) Toluene	10.14	92	20793	1.675	ug/l	97
68) m/p-Xylenes	11.62	106	15979	1.926	ug/l	92
84) 1,2,4-Trimethylbenzene	13.06	105	24464m	1.487	ug/l	
95) Naphthalene	15.13	128	46072	6.072	ug/l #	97

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

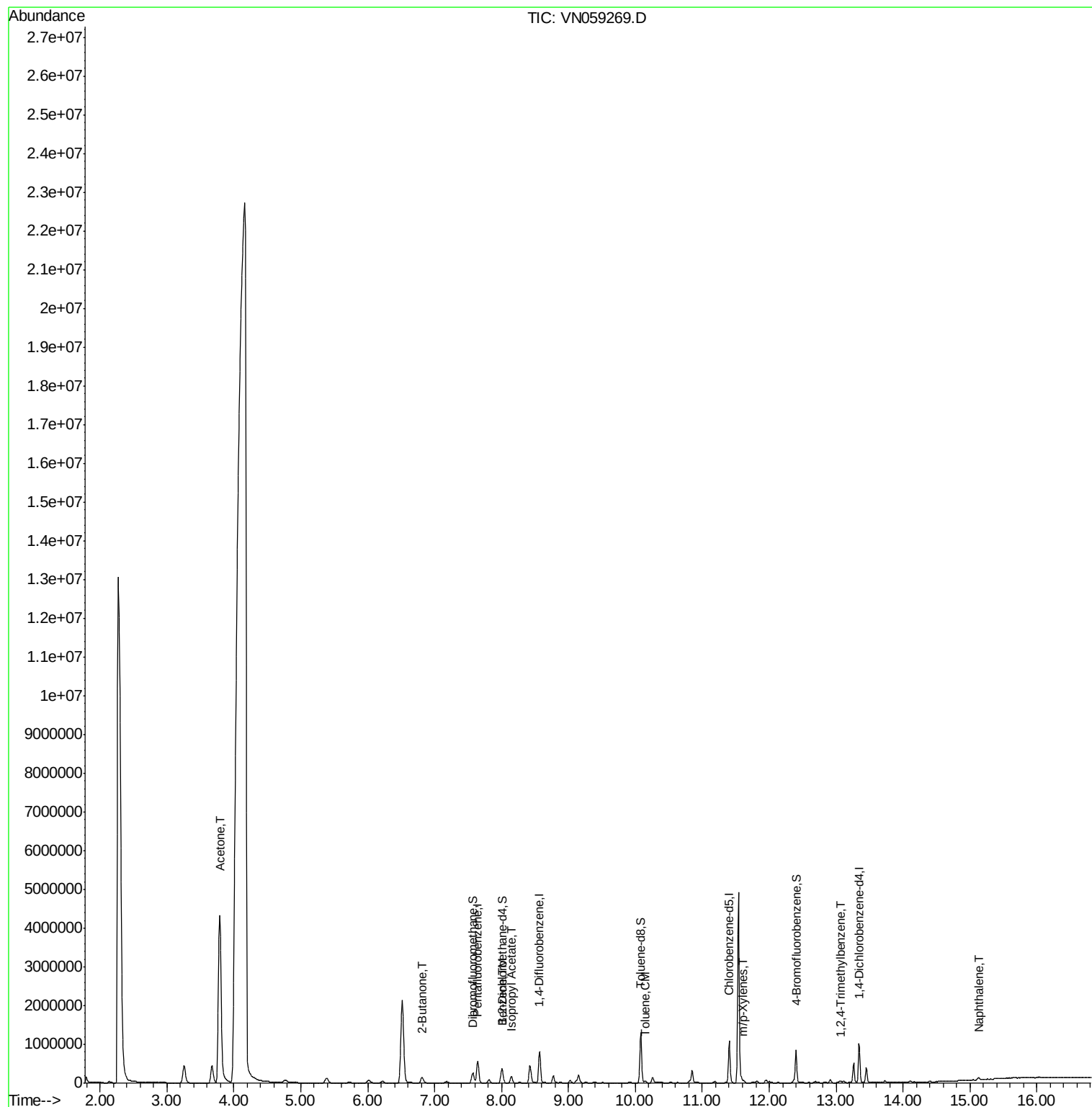
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111519\
Data File : VN059269.D
Acq On : 15 Nov 2019 16:25
Operator : JC/SP
Sample : K5857-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

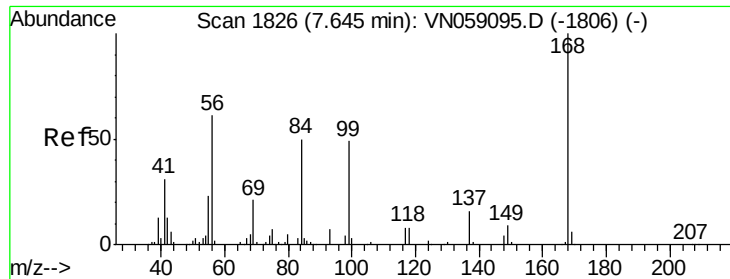
Instrument :
MSVOA_N
ClientSampleId :
COMP-4-1

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Quant Time: Nov 16 02:07:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

COMP-4-1

Tot Ion:168 Resp: 472585

Ion Ratio Lower Upper

168 100

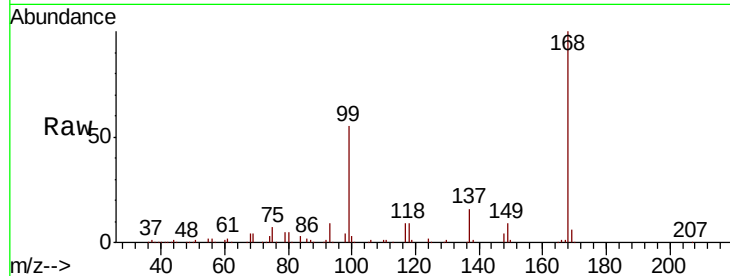
99 55.0 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

150000

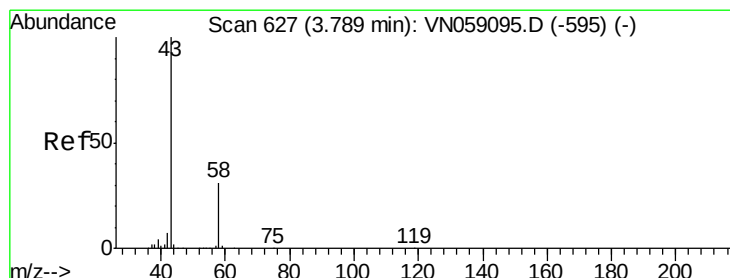
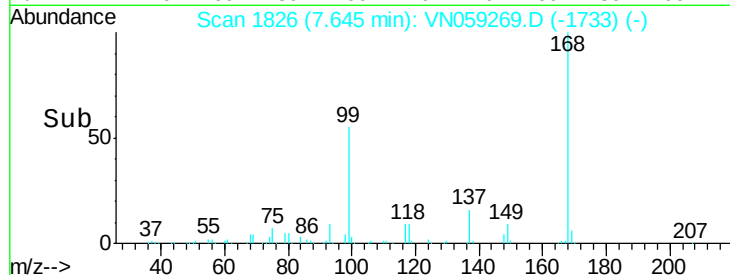
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 2591.888 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059269.D

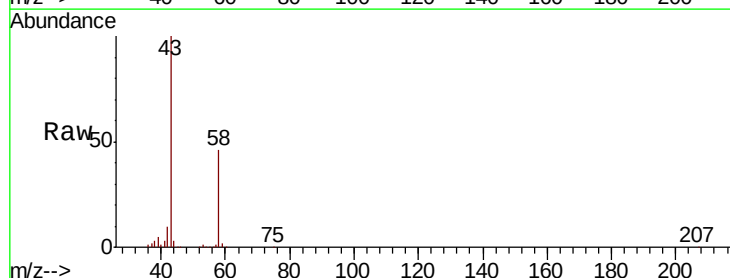
Acq: 15 Nov 2019 16:25

Tgt Ion: 43 Resp: 7829943

Ion Ratio Lower Upper

43 100

58 45.7 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

3000000

2500000

2000000

1500000

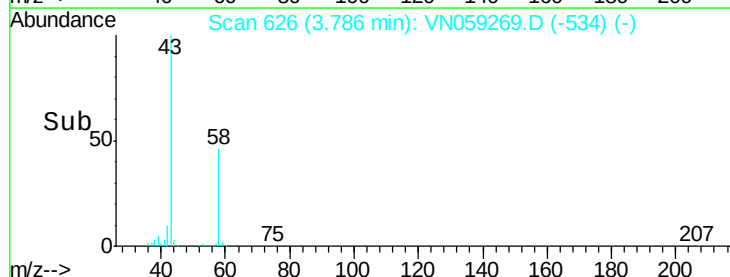
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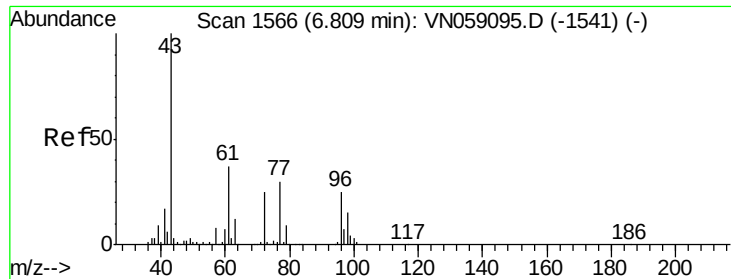
500000

0

3.60 3.70 3.80 3.90 4.00

Time-->





#25

2-Butanone

Concen: 67.028 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

ClientSampled :

COMP-4-1

Tot Ion: 43 Resp: 266867

Ion Ratio Lower Upper

43 100

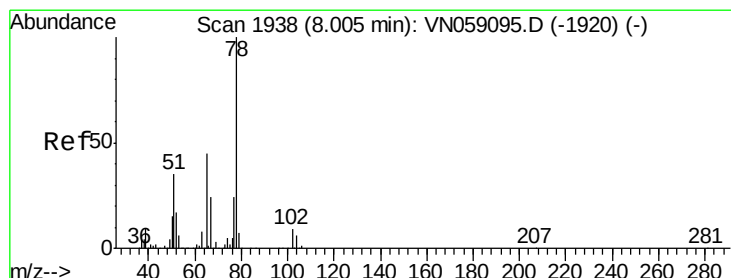
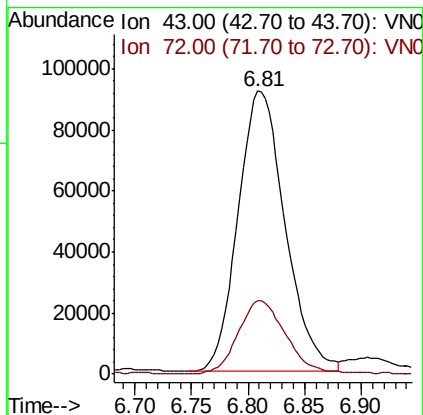
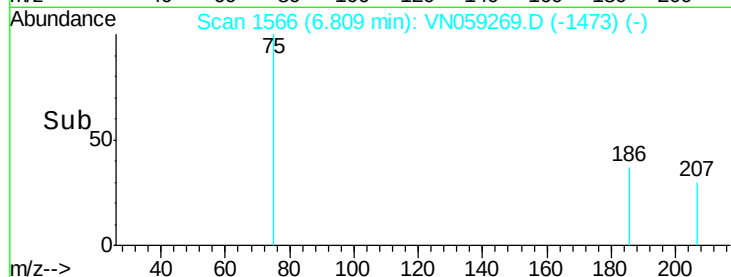
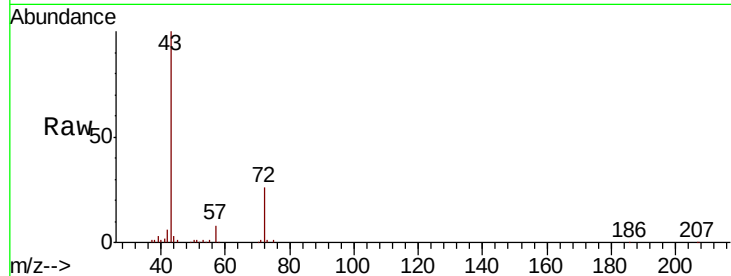
72 25.9 20.3 30.5

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#33

1,2-Dichloroethane-d4

Concen: 48.201 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059269.D

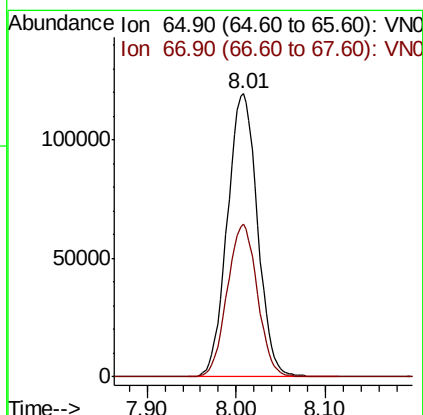
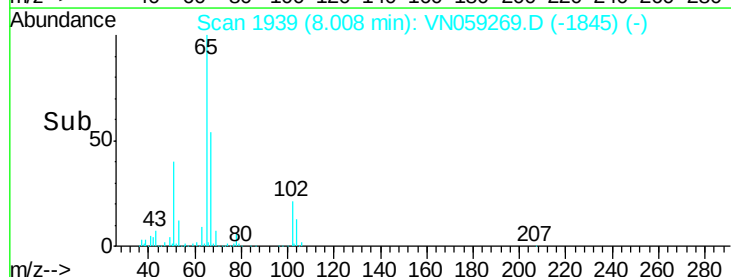
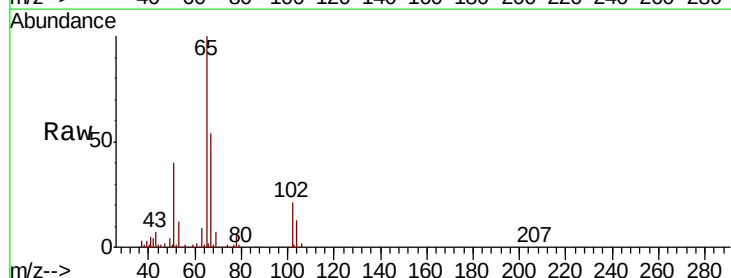
Acq: 15 Nov 2019 16:25

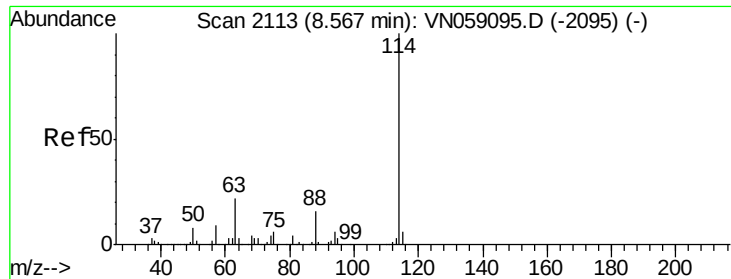
Tgt Ion: 65 Resp: 280012

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.4





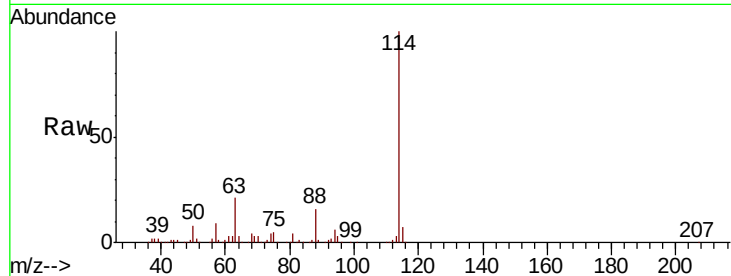
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059269.D
 Acq: 15 Nov 2019 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4-1

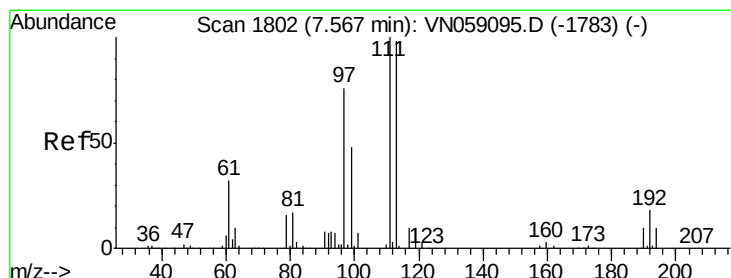
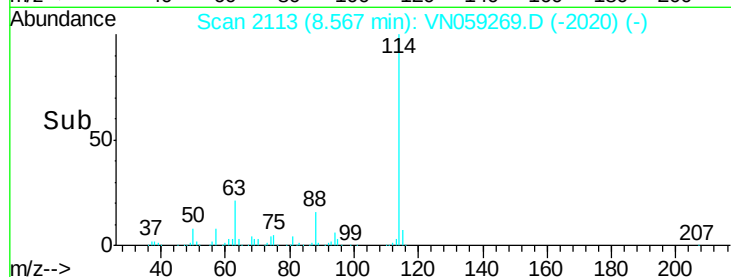
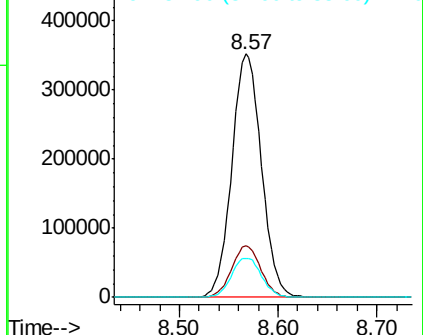
Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.1	0.0	43.4
88	16.1	0.0	32.2

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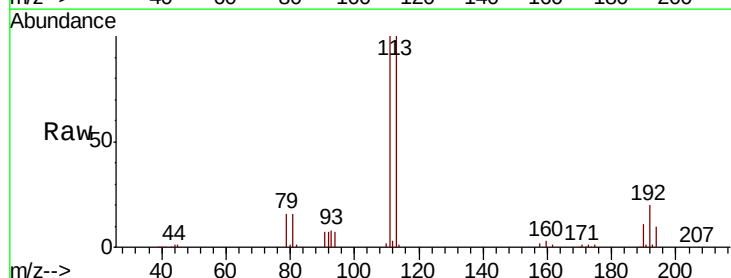


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

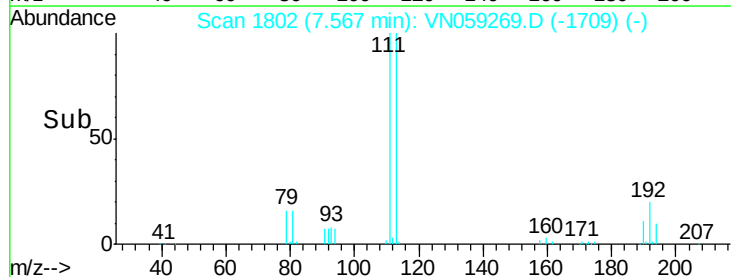
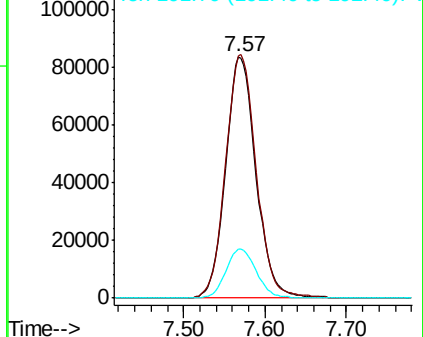


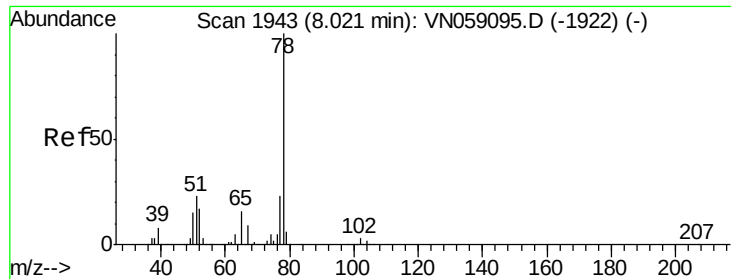
#35
 Dibromofluoromethane
 Concen: 49.651 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059269.D
 Acq: 15 Nov 2019 16:25

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.2	82.8	124.2
192	20.4	16.1	24.1



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





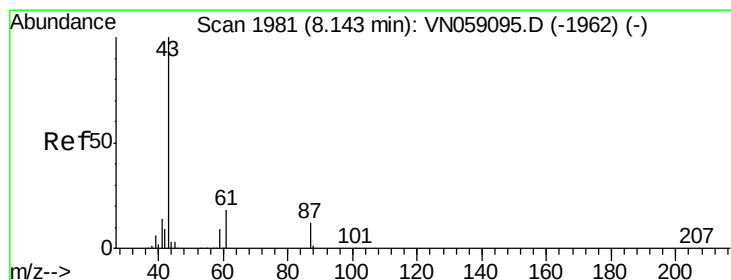
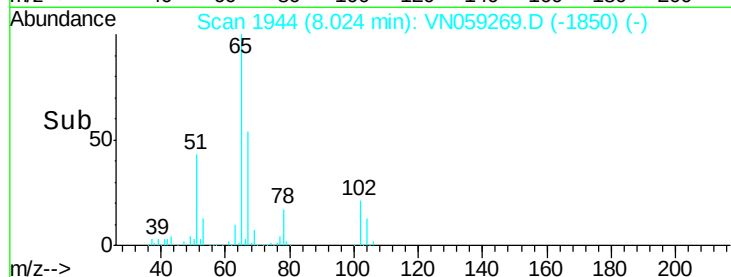
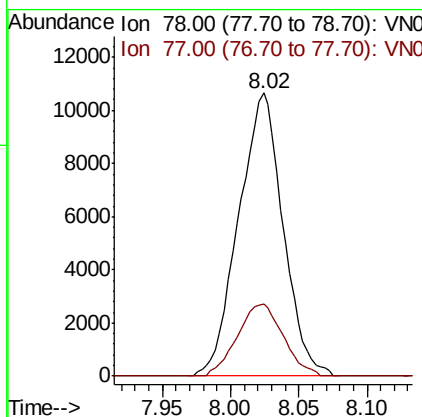
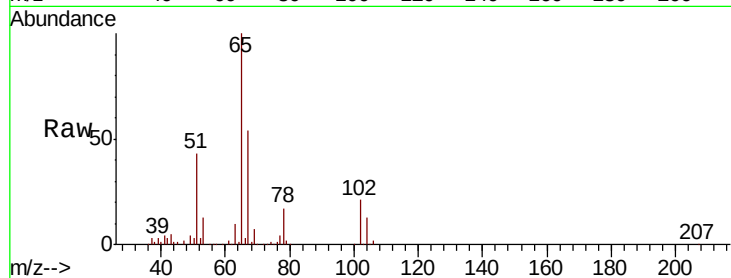
#40
Benzene
Concen: 1.163 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-4-1

Tot Ion	78	Resp	24104
Ion Ratio	Lower	Upper	
78	100		
77	25.7	18.8	28.2

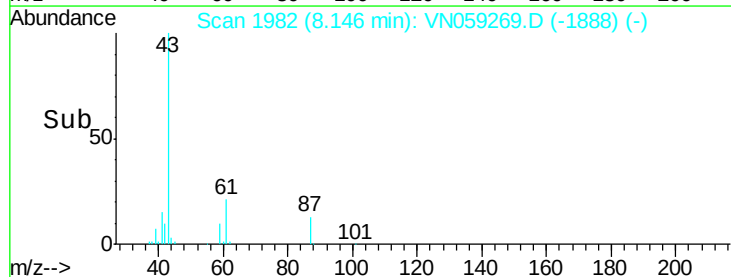
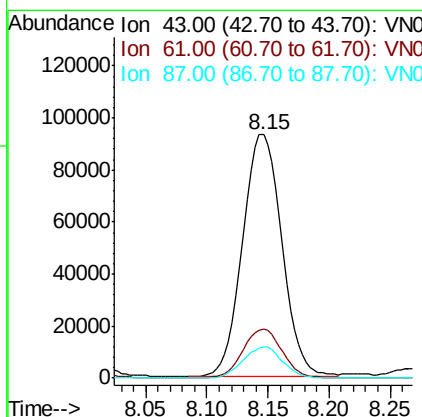
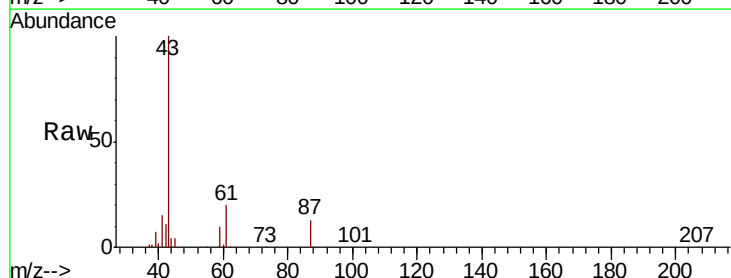
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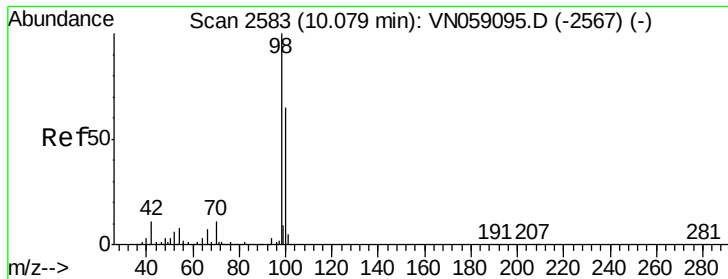
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#43
Isopropyl Acetate
Concen: 17.051 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion	43	Resp	208052
Ion Ratio	Lower	Upper	
43	100		
61	20.2	21.0	31.6#
87	13.0	9.8	14.6





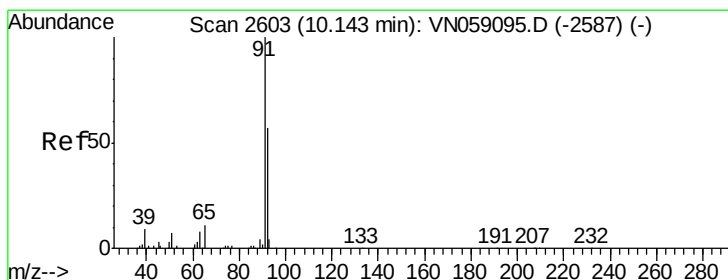
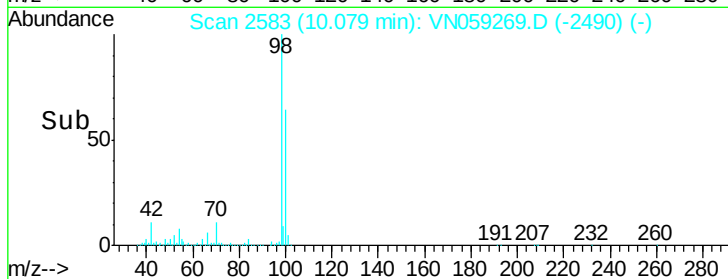
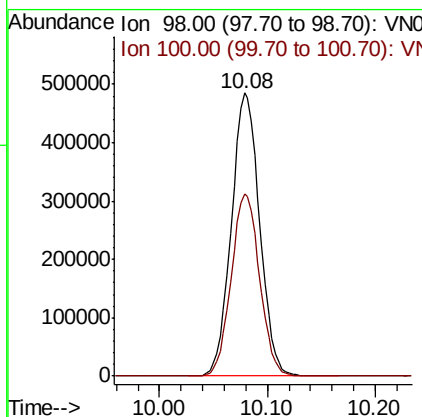
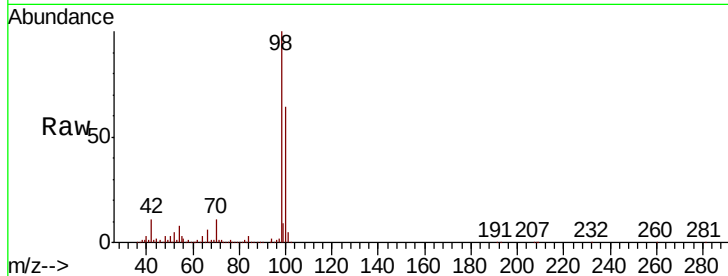
#50
Toluene-d8
Concen: 51.177 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-4-1

Tot Ion	98	Resp	885917
Ion Ratio	100	Lower	Upper
98	100	52.2	78.2

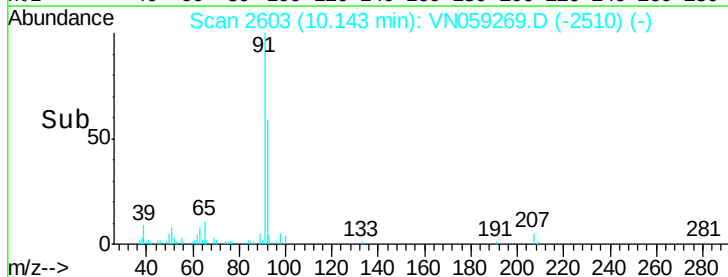
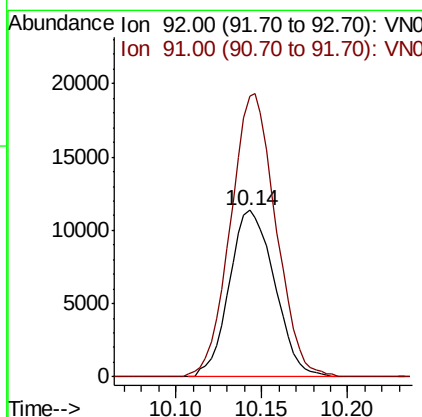
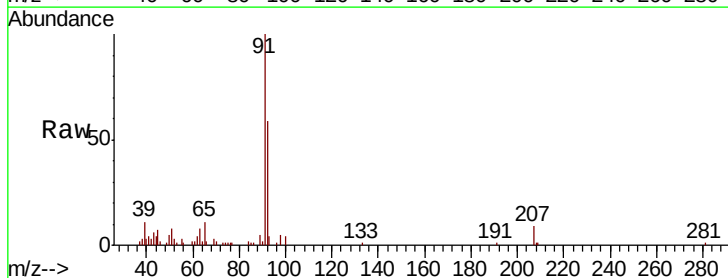
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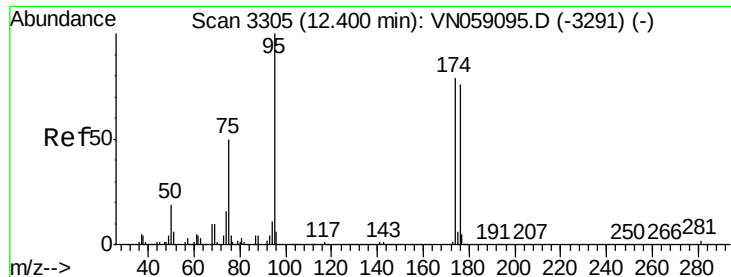
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#52
Toluene
Concen: 1.675 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion	92	Resp	20793
Ion Ratio	100	Lower	Upper
92	100	139.5	209.3





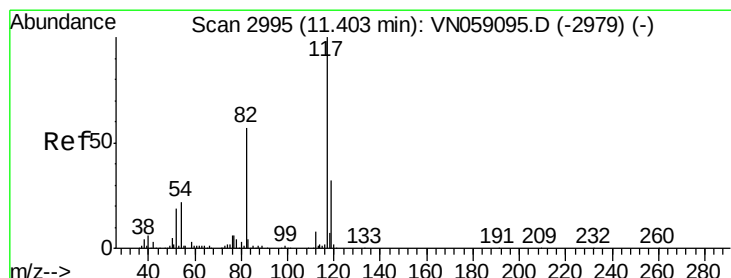
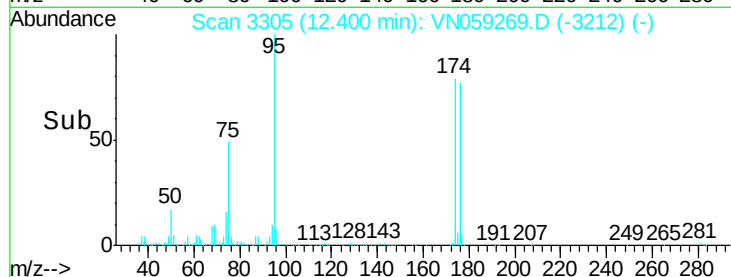
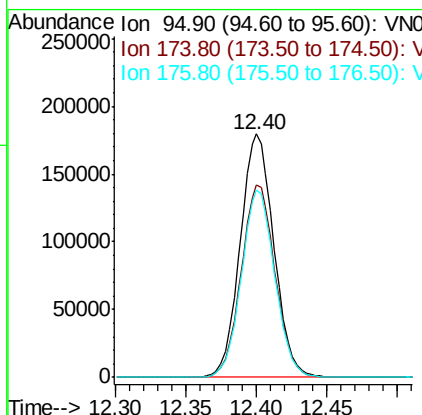
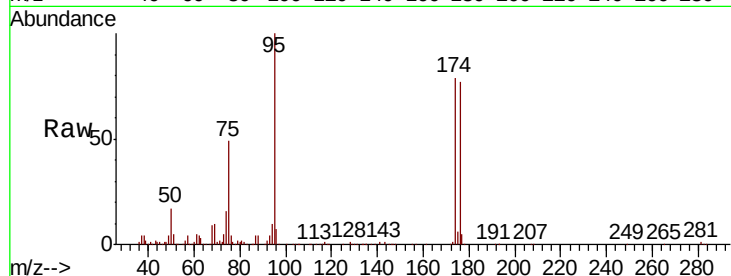
#62
4-Bromofluorobenzene
Concen: 48.106 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-4-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	300260		
174	79.5	0.0	158.2	
176	76.6	0.0	151.8	

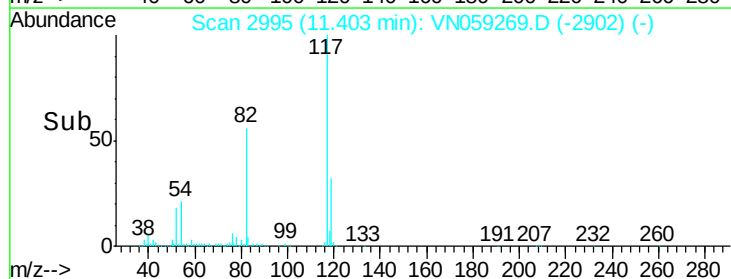
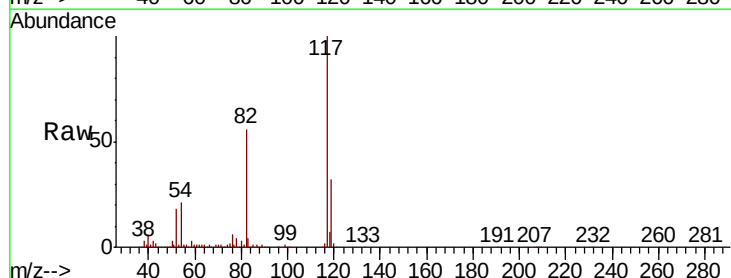
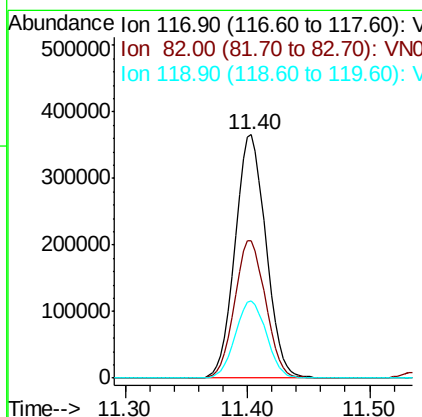
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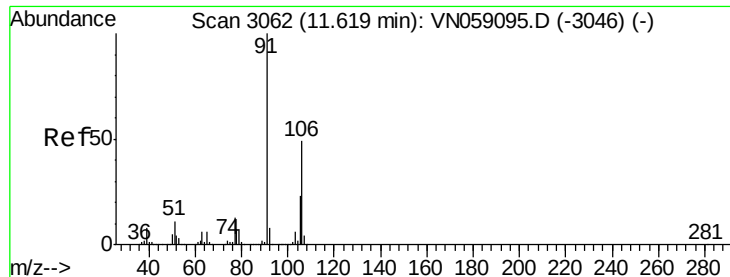
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	640218		
82	56.4	45.8	68.8	
119	31.8	25.8	38.6	





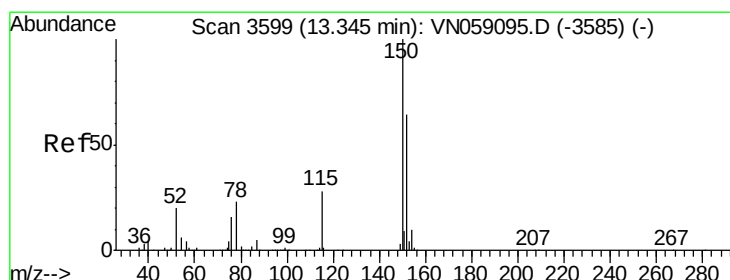
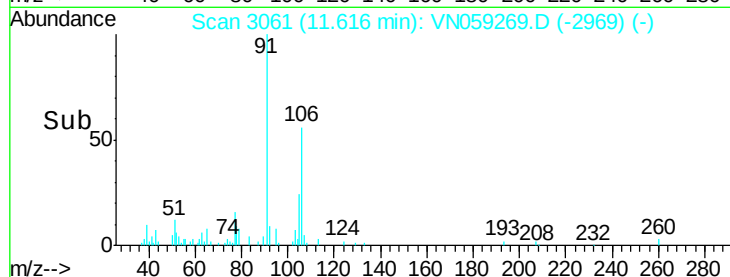
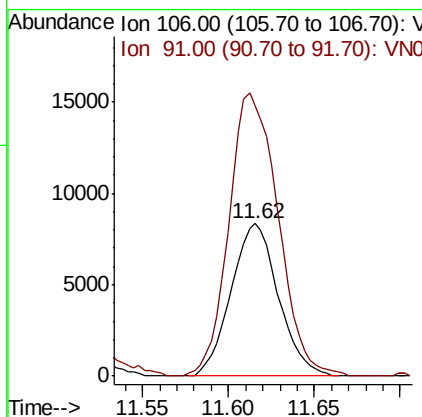
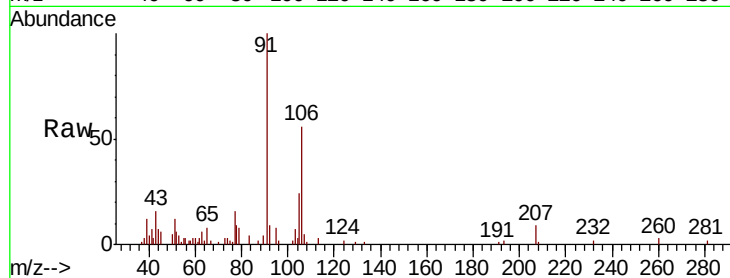
#68
m/p-Xylenes
Concen: 1.926 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-4-1

Tot Ion:106 Resp: 15979
Ion Ratio Lower Upper
106 100
91 193.4 164.7 247.1

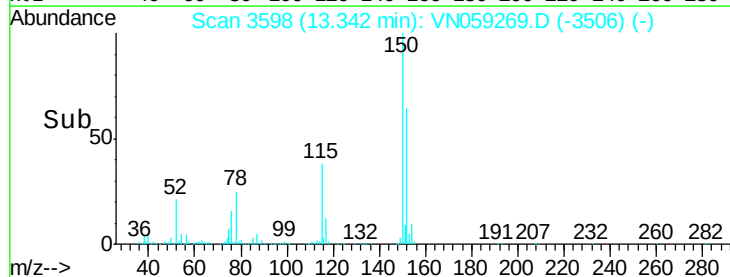
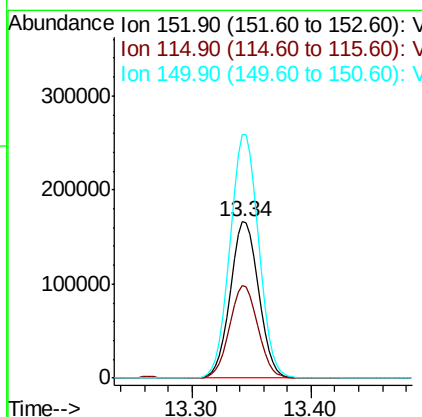
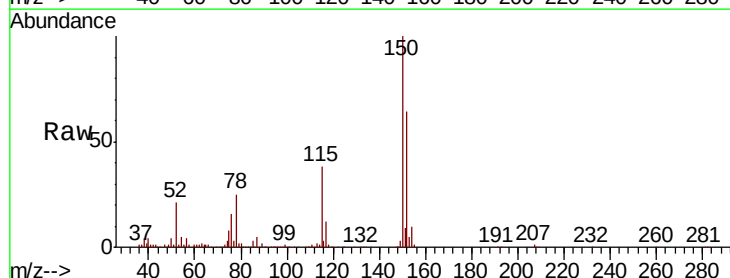
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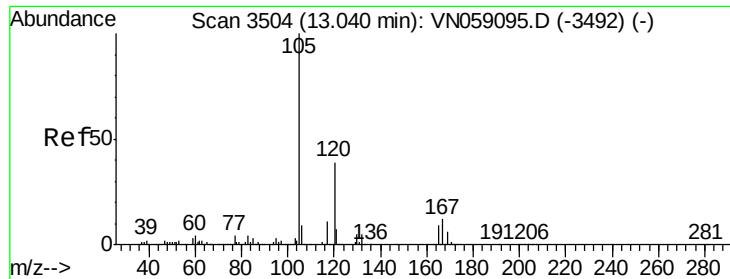
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion:152 Resp: 275857
Ion Ratio Lower Upper
152 100
115 58.7 29.4 88.2
150 156.5 0.0 345.8





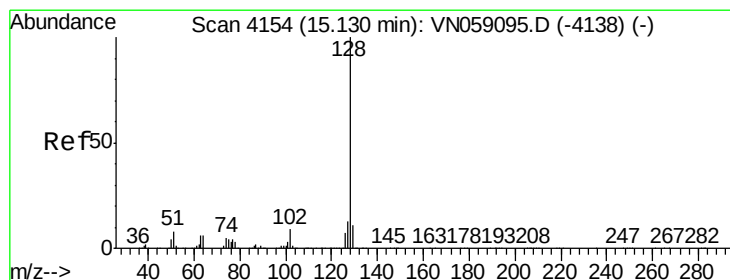
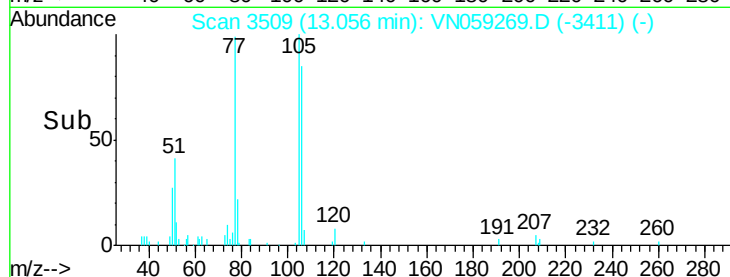
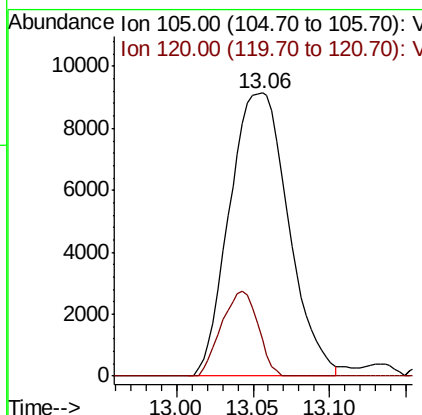
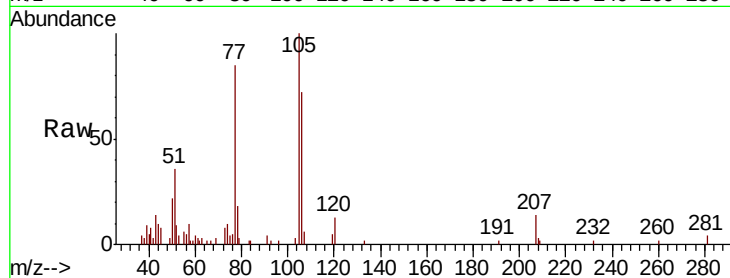
#84
 1,2,4-Trimethylbenzene
 Concen: 1.487 ug/l m
 RT: 13.06 min Scan# 3509
 Delta R.T. 0.02 min
 Lab File: VN059269.D
 Acq: 15 Nov 2019 16:25

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-4-1

Tot Ion:105 Resp: 24464
 Ion Ratio Lower Upper
 105 100
 120 2.7 22.8 68.4#

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:09:33 PM



#95
 Naphthalene
 Concen: 6.072 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN059269.D
 Acq: 15 Nov 2019 16:25

Tgt Ion:128 Resp: 46072
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.2
 129 12.9 8.6 12.8#

