

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057367.D
 Acq On : 16 Aug 2019 20:48
 Operator : JC/SP
 Sample : K4372-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMPOSITE

Manual Integrations
 APPROVED

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 8/19/2019 12:19:38 PM

Quant Time: Aug 17 04:13:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1113284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1544012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1298882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	364975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	505135	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.48%	
35) Dibromofluoromethane	7.58	113	460687	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
50) Toluene-d8	10.09	98	1789647	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.40	95	496382	37.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.88%	
Target Compounds						
16) Acetone	3.81	43	35087	8.357	ug/l	99
20) Methylene Chloride	4.55	84	148682	12.657	ug/l	98
43) Isopropyl Acetate	8.16	43	145273m	6.125	ug/l	
68) m/p-Xylenes	11.62	106	55488	3.249	ug/l	100

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

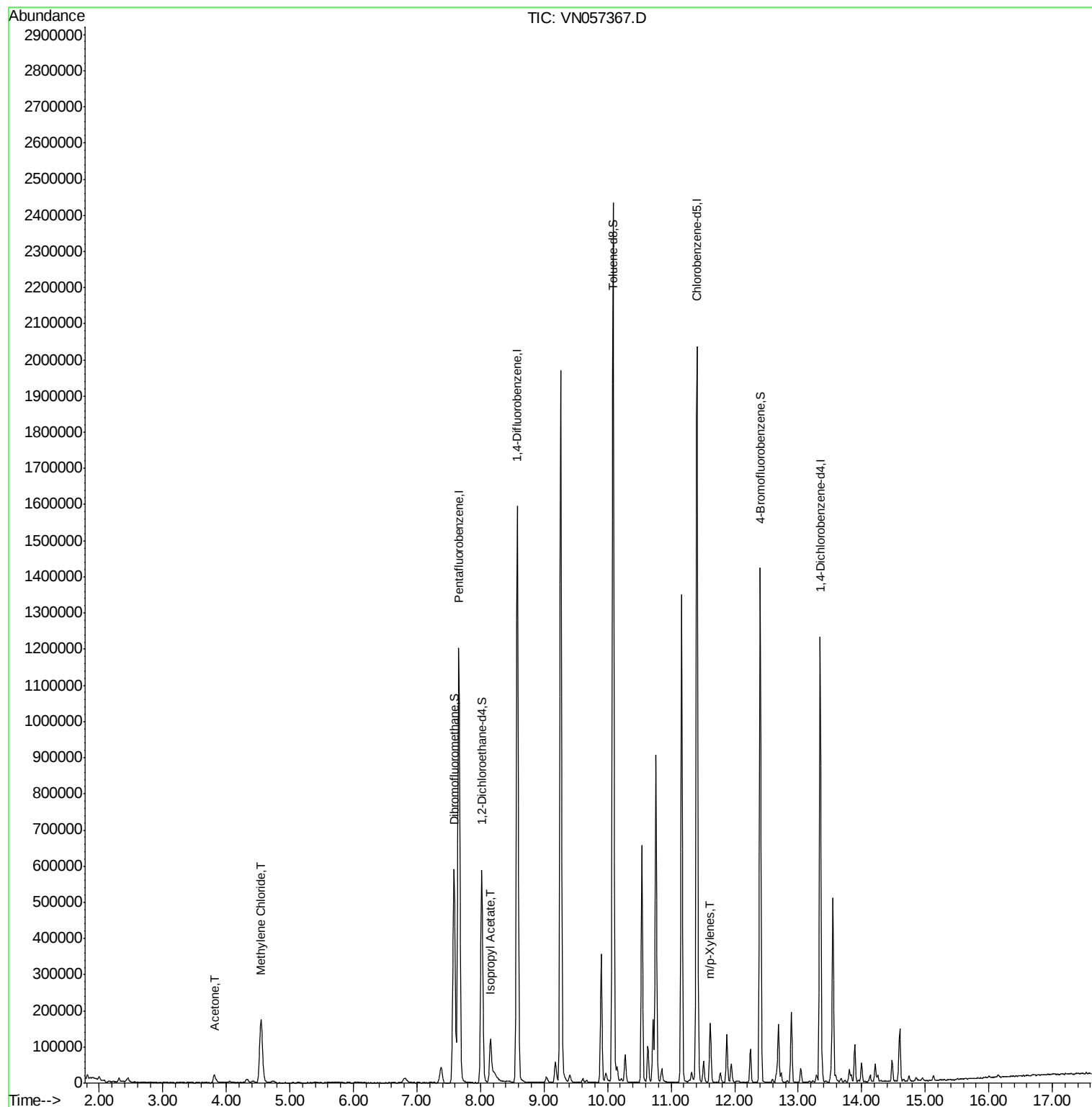
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081819\
Data File : VN057367.D
Acq On : 16 Aug 2019 20:48
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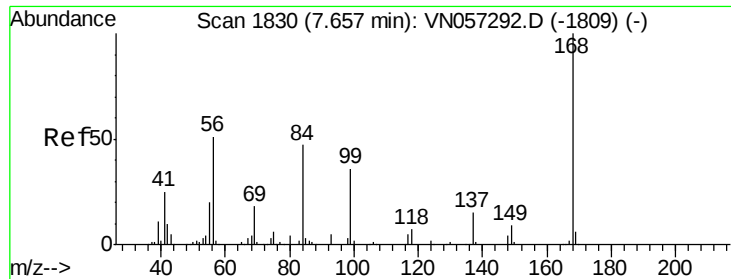
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMPOSITE

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Quant Time: Aug 17 04:13:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 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: VN057367.D

Acq: 16 Aug 2019 20:48

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMPOSITE

Tot Ion:168 Resp: 1113284

Ion Ratio Lower Upper

168 100

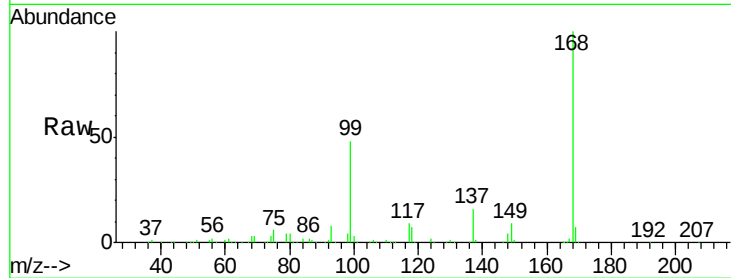
99 47.5 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

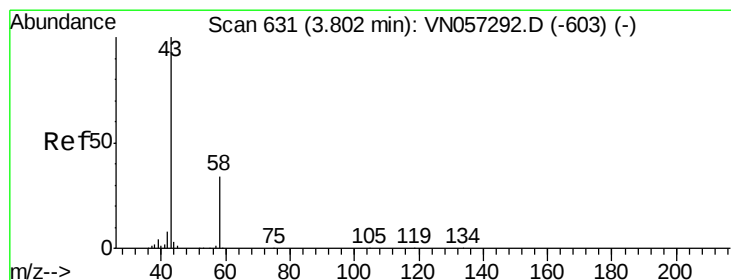
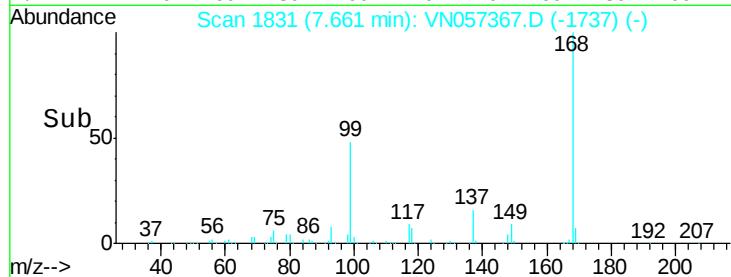
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.357 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057367.D

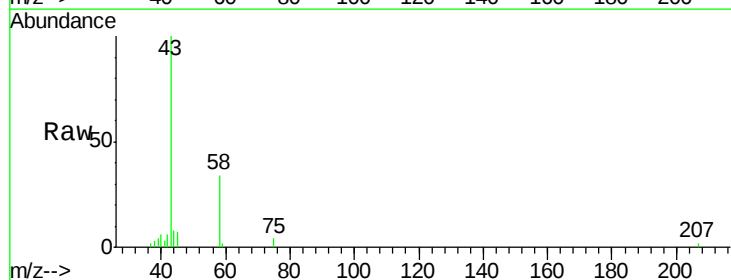
Acq: 16 Aug 2019 20:48

Tgt Ion: 43 Resp: 35087

Ion Ratio Lower Upper

43 100

58 34.4 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

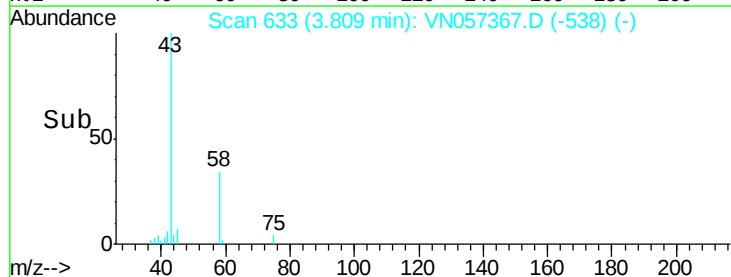
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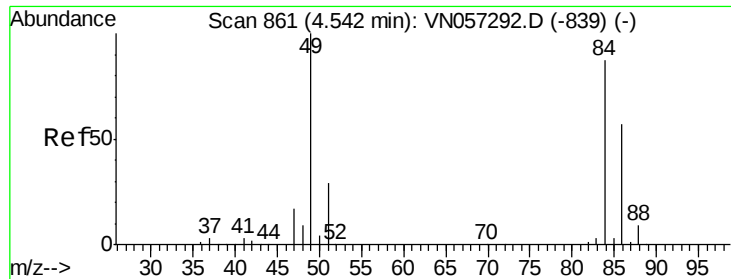
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Time-->





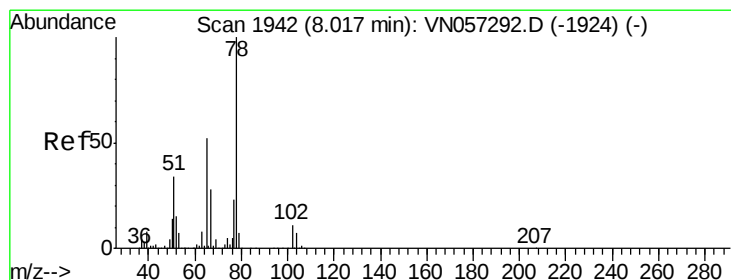
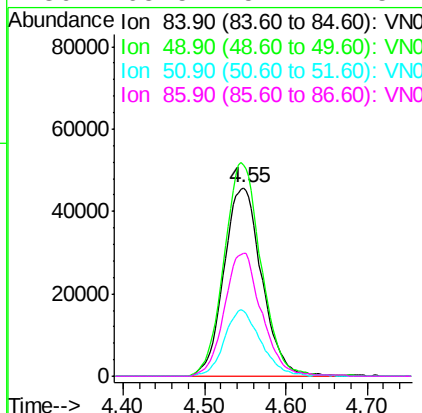
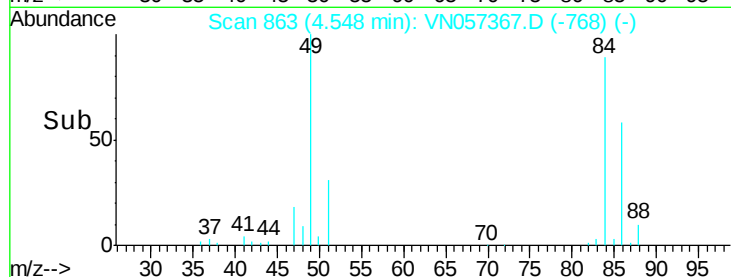
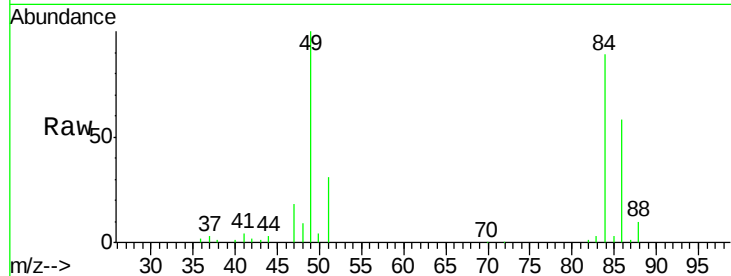
#20
Methylene Chloride
Concen: 12.657 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057367.D
Acq: 16 Aug 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMPOSITE

Tot Ion	84	Resp	148682
Ion	Ratio	Lower	Upper
84	100		
49	112.2	92.0	138.0
51	34.9	27.1	40.7
86	65.5	52.2	78.2

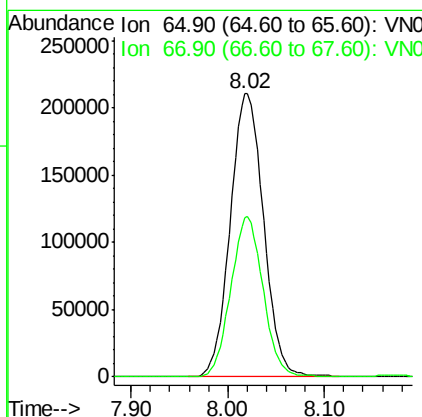
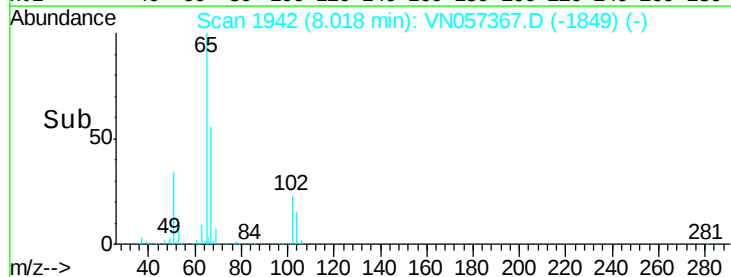
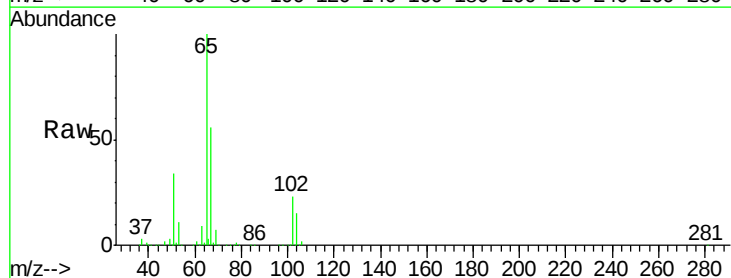
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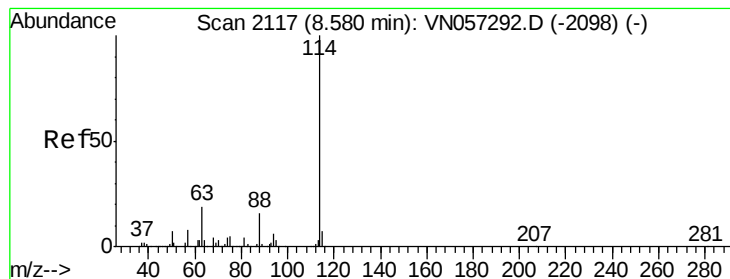
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#33
1,2-Dichloroethane-d4
Concen: 41.738 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057367.D
Acq: 16 Aug 2019 20:48

Tgt Ion	65	Resp	505135
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057367.D

Acq: 16 Aug 2019 20:48

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMPOSITE

Tot Ion:114 Resp: 1544012

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.8

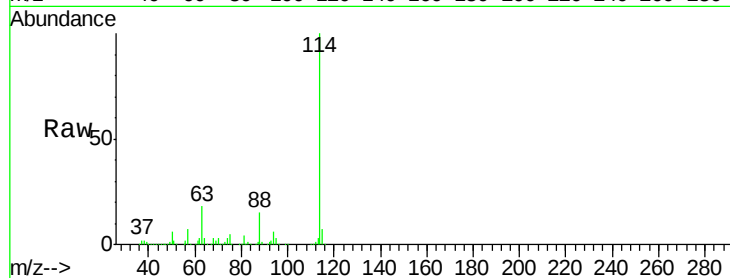
88 15.1 0.0 31.4

Manual Integrations

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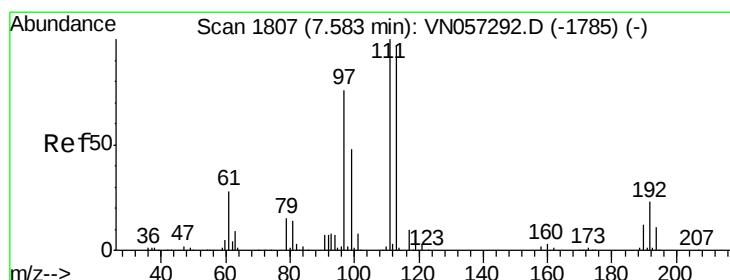
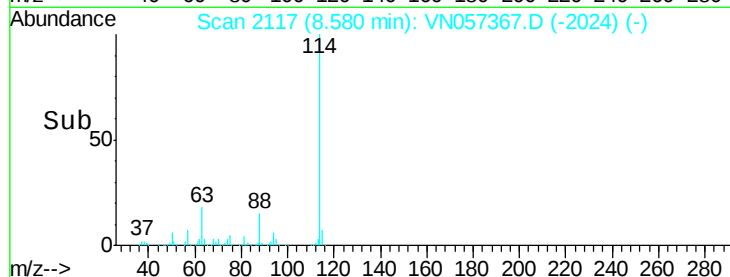
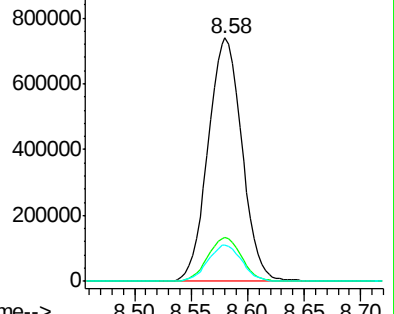
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.517 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057367.D

Acq: 16 Aug 2019 20:48

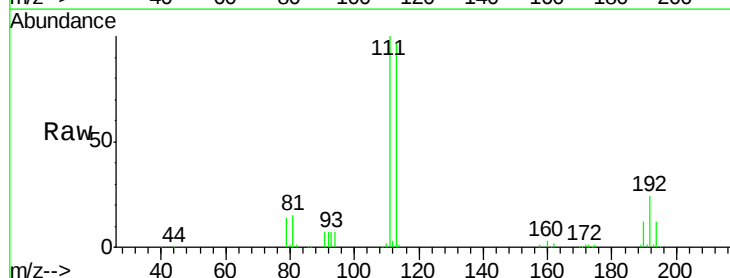
Tgt Ion:113 Resp: 460687

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

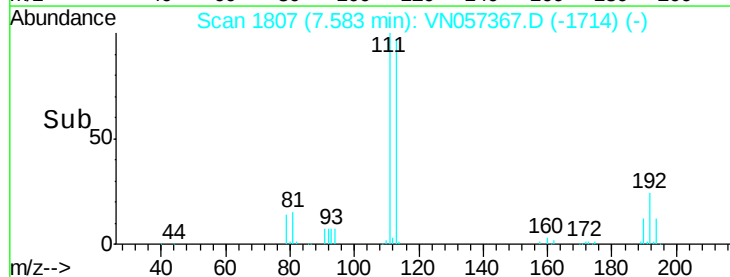
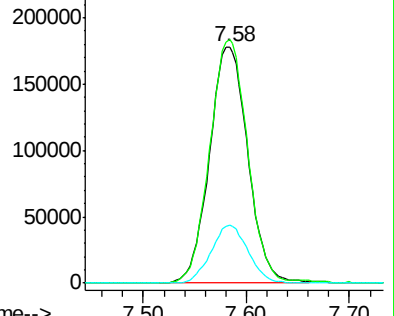
192 23.9 19.3 28.9

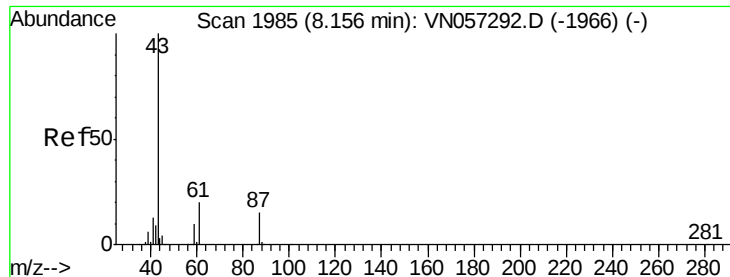


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





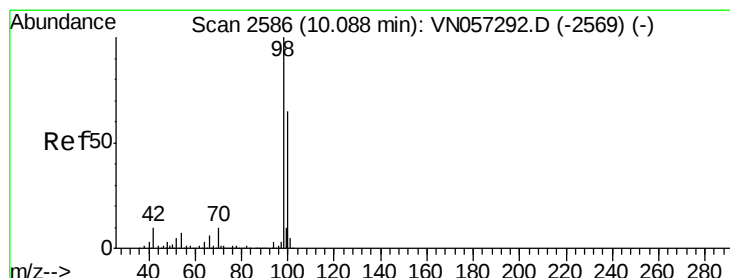
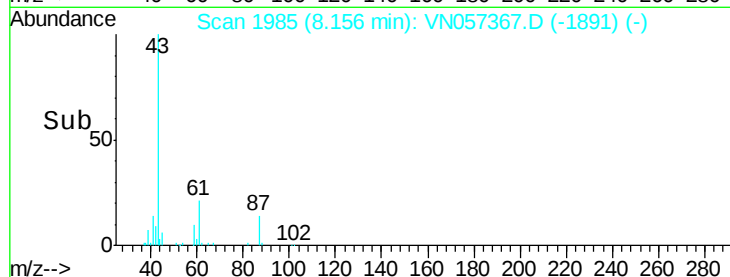
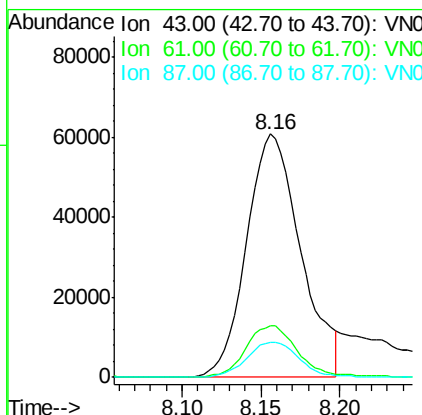
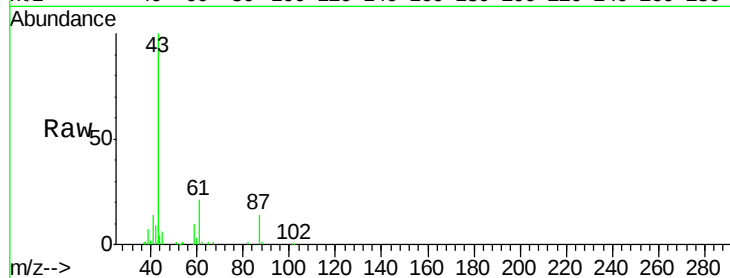
#43
Isopropyl Acetate
Concen: 6.125 ug/l m
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057367.D
Acq: 16 Aug 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMPOSITE

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	21.6	32.4#
87	13.9	11.4	17.0

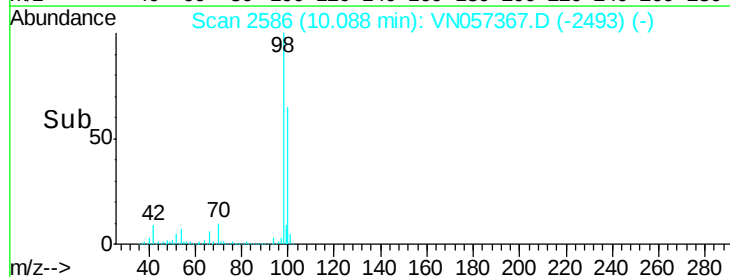
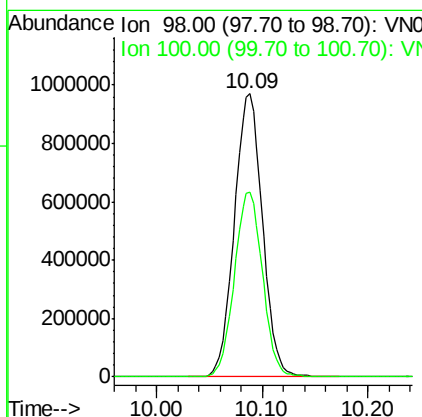
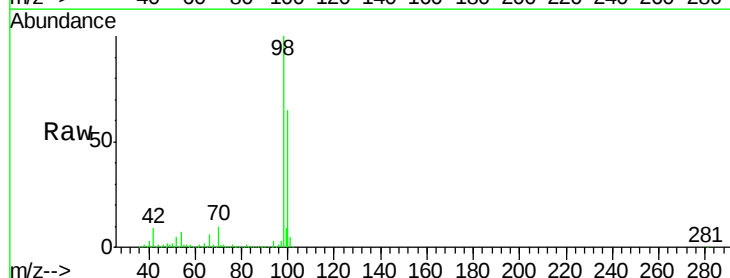
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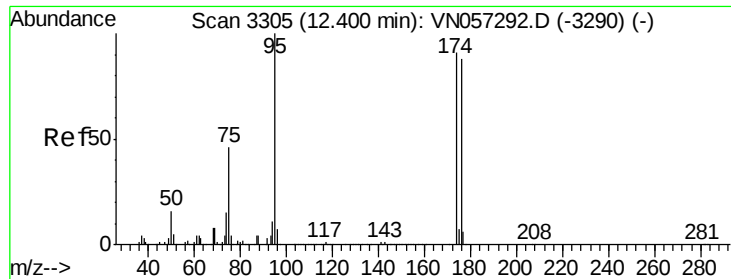
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#50
Toluene-d8
Concen: 48.344 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057367.D
Acq: 16 Aug 2019 20:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9





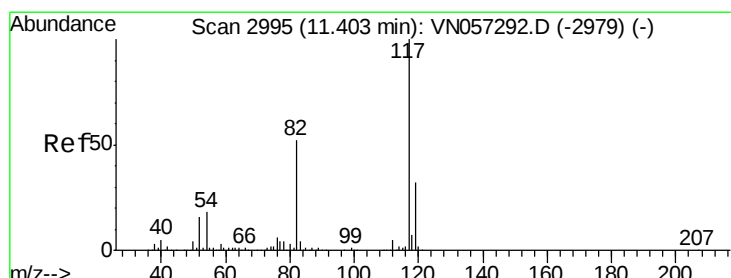
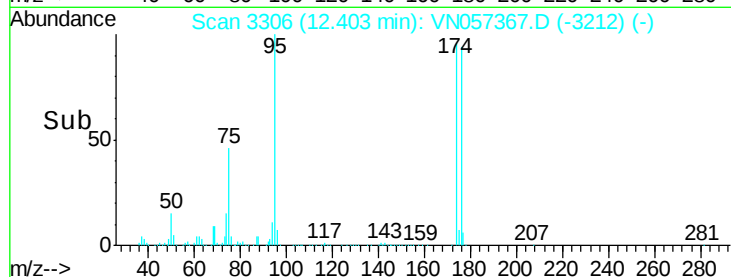
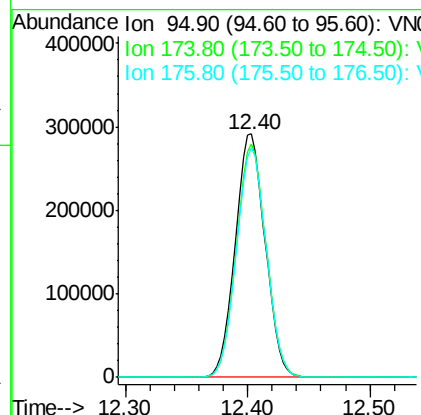
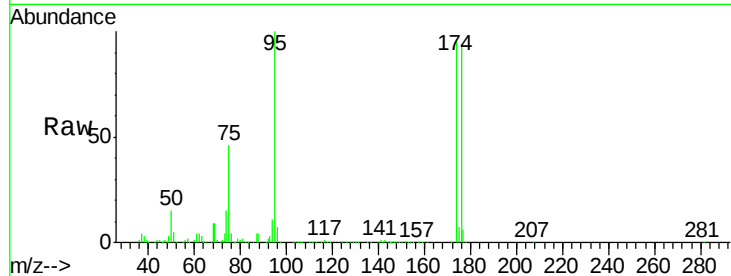
#62
4-Bromofluorobenzene
Concen: 37.943 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057367.D
Acq: 16 Aug 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMPOSITE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	496382		
174	95.4	0.0	185.0	
176	94.0	0.0	181.0	

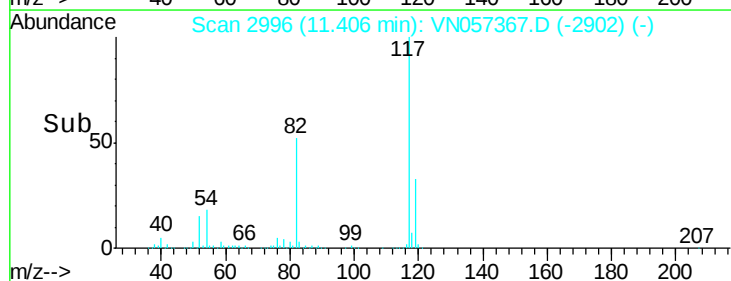
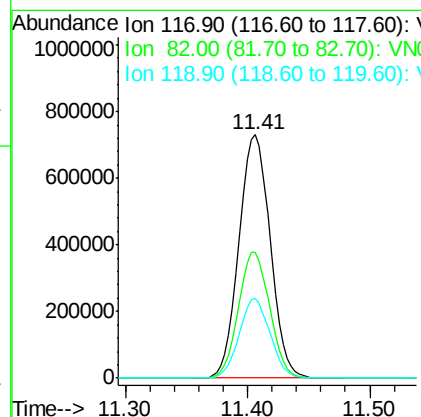
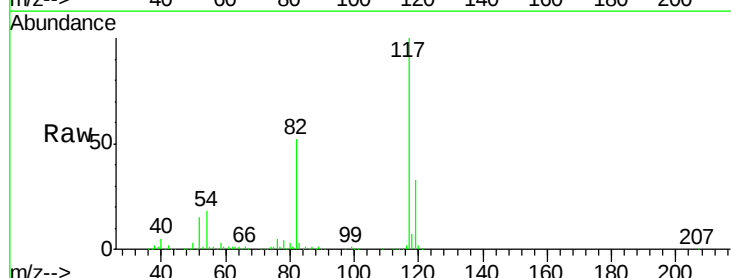
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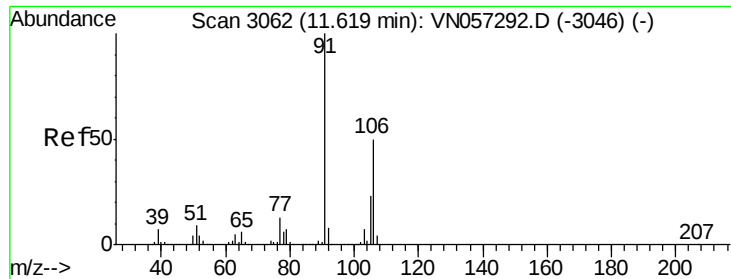
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057367.D
Acq: 16 Aug 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1298882		
82	51.9	41.2	61.8	
119	32.7	25.8	38.8	





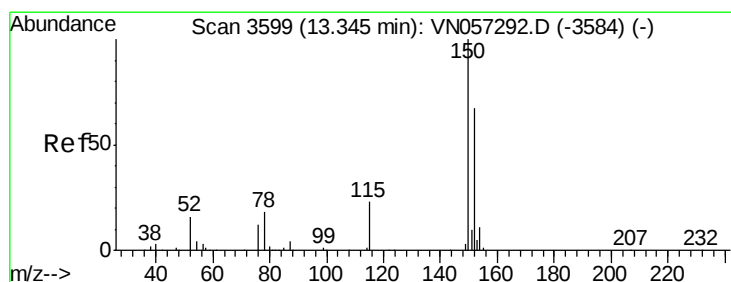
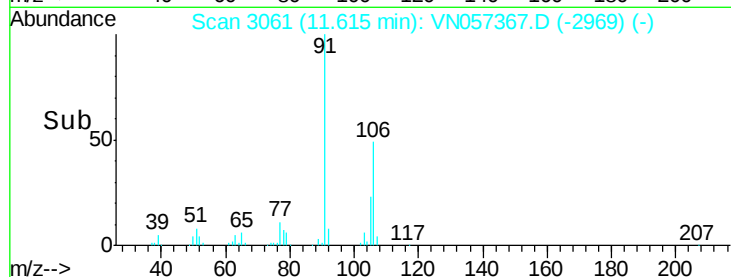
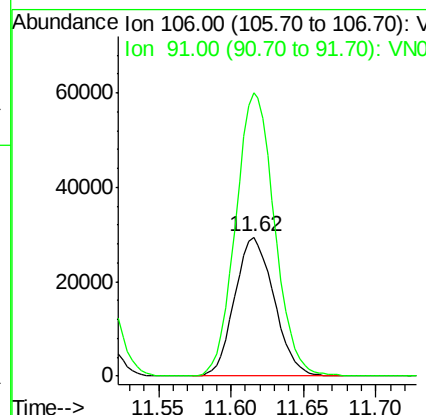
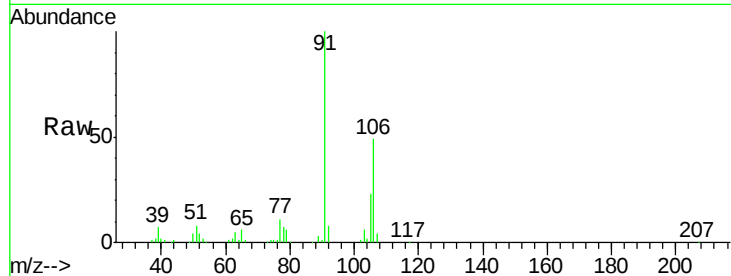
#68
m/p-Xvlenes
Concen: 3.249 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN057367.D
Acq: 16 Aug 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMPOSITE

Tot Ion:106 Resp: 55488
Ion Ratio Lower Upper
106 100
91 201.3 161.5 242.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057367.D
Acq: 16 Aug 2019 20:48

Tgt Ion:152 Resp: 364975
Ion Ratio Lower Upper
152 100
115 55.9 27.3 81.9
150 157.4 0.0 344.4

