

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054378.D
 Acq On : 17 Mar 2019 11:02
 Operator : JC/SP
 Sample : K1940-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWS

Manual Integrations
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MMDadoda
 3/18/2019 11:28:22 AM

Quant Time: Mar 18 08:55:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1764568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2598655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2225592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	947867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	884935	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	7.59	113	788057	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	10.09	98	2989685	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.40	95	953145	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	157840	29.417	ug/l	100
20) Methylene Chloride	4.54	84	90436	5.133	ug/l	95
25) 2-Butanone	6.85	43	45952	7.297	ug/l	94
30) Chloroform	7.38	83	40743	1.295	ug/l	98
43) Isopropyl Acetate	8.17	43	24254	1.005	ug/l #	94
67) Ethyl Benzene	11.51	91	344374	4.251	ug/l	100
68) m/p-Xylenes	11.62	106	645519	20.388	ug/l	99
69) o-Xylene	11.95	106	499079	16.170	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	111792	1.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	335734	5.425	ug/l	99
86) p-Isopropyltoluene	13.29	119	538046	8.145	ug/l	99
89) n-Butylbenzene	13.61	91	69872m	1.392	ug/l	
95) Naphthalene	15.13	128	240064	8.843	ug/l #	94

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

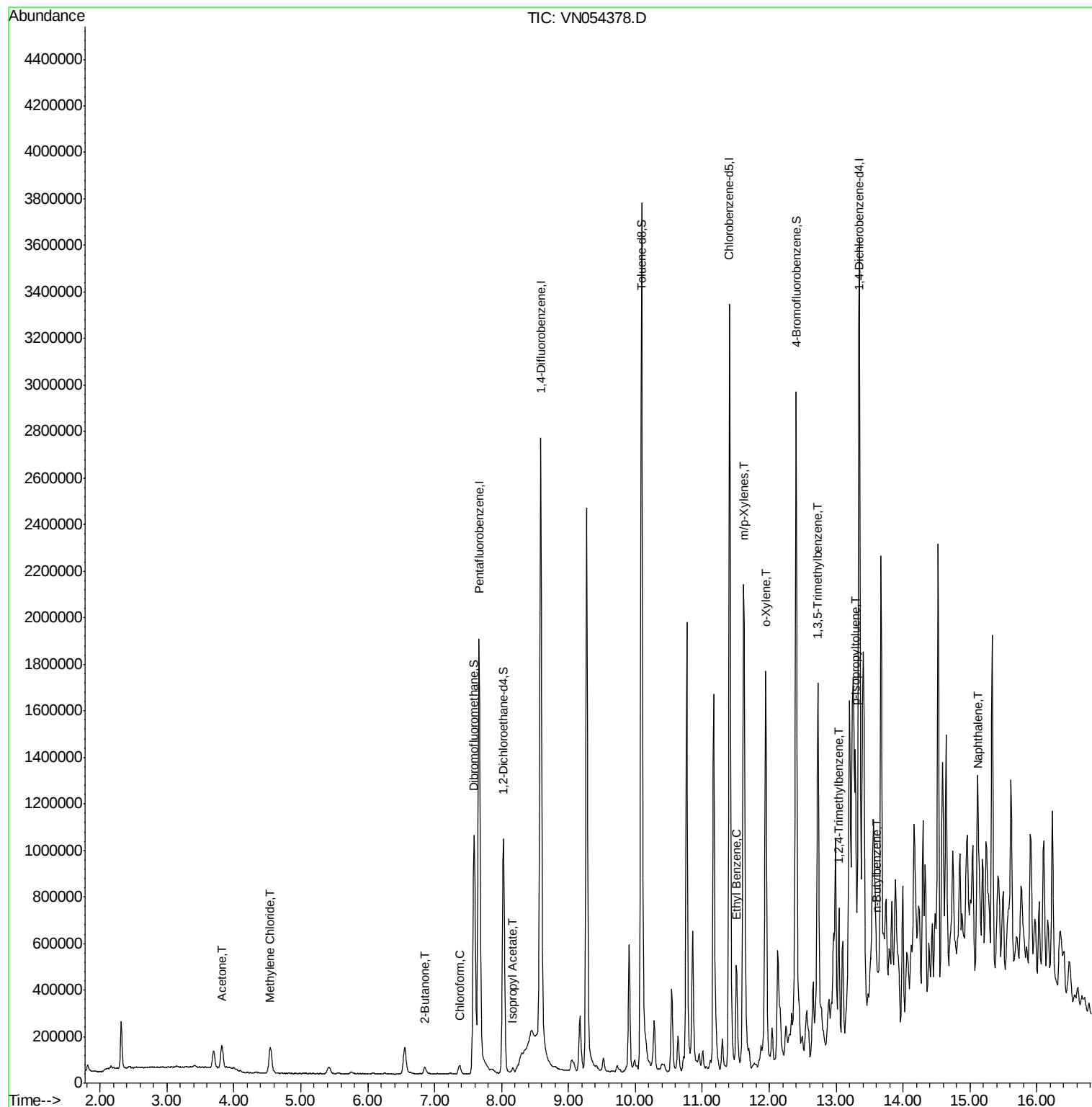
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054378.D
Acq On : 17 Mar 2019 11:02
Operator : JC/SP
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 51 Sample Multiplier: 1

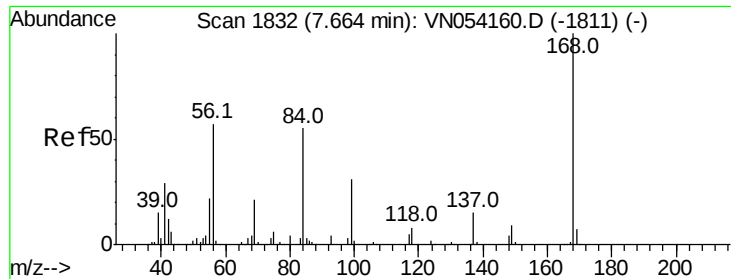
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Mar 18 08:55:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

OVS

Tot Ion:168 Resp: 1764568

Ion Ratio Lower Upper

168 100

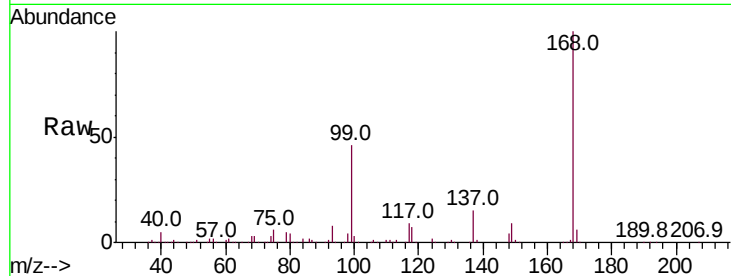
99 46.2 37.1 55.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

800000

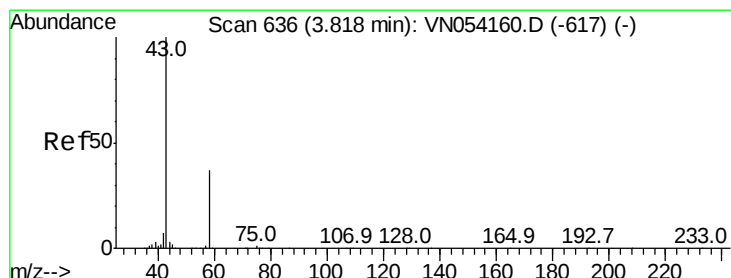
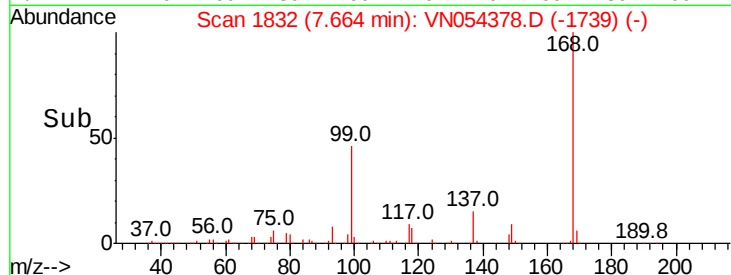
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 29.417 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054378.D

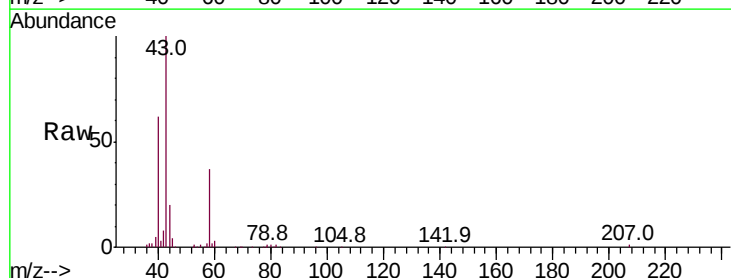
Acq: 17 Mar 2019 11:02

Tgt Ion: 43 Resp: 157840

Ion Ratio Lower Upper

43 100

58 37.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

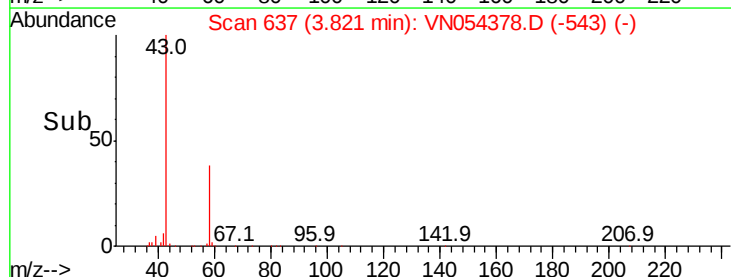
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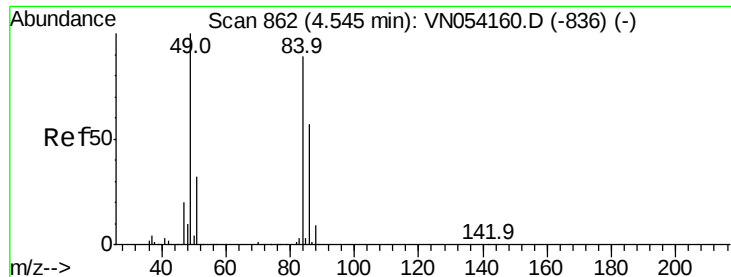
40000

20000

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Time-->





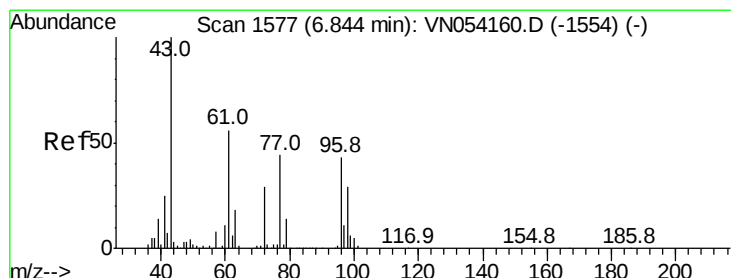
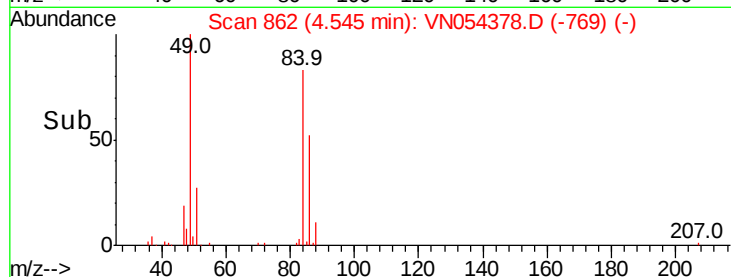
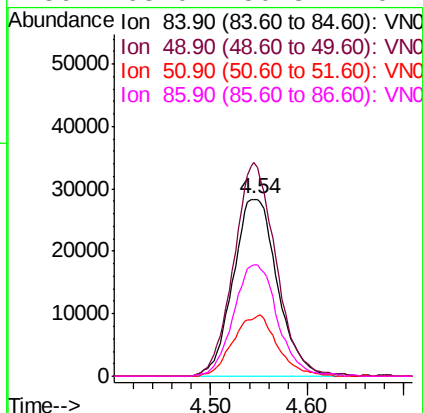
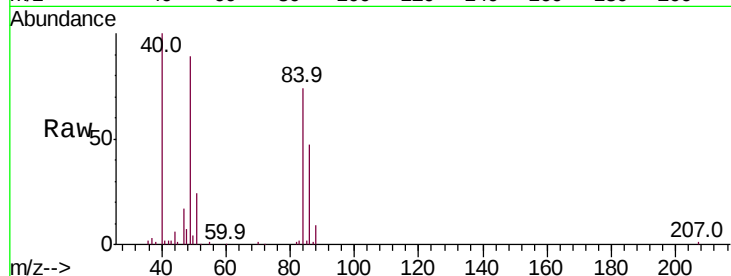
#20
Methvlene Chloride
Concen: 5.133 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054378.D
Acq: 17 Mar 2019 11:02

Instrument :
MSVOA_N
ClientSampled :
OWS

Tot Ion:	84	Resp:	90436
Ion	Ratio	Lower	Upper
84	100		
49	120.6	89.7	134.5
51	32.7	28.2	42.4
86	63.0	50.8	76.2

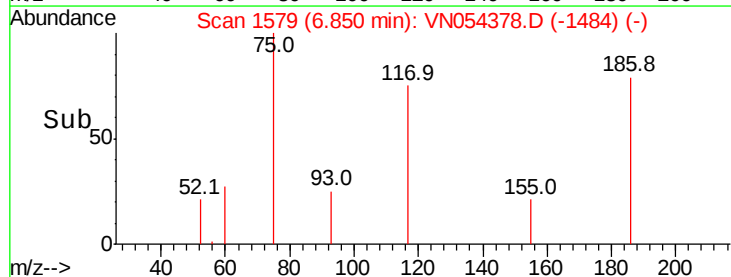
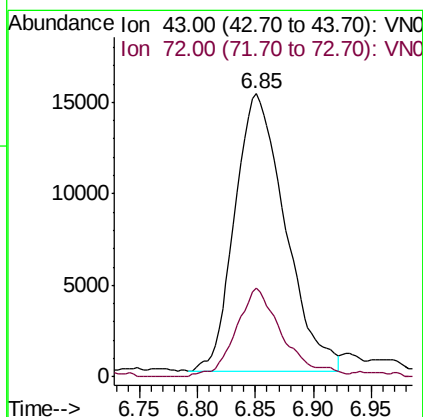
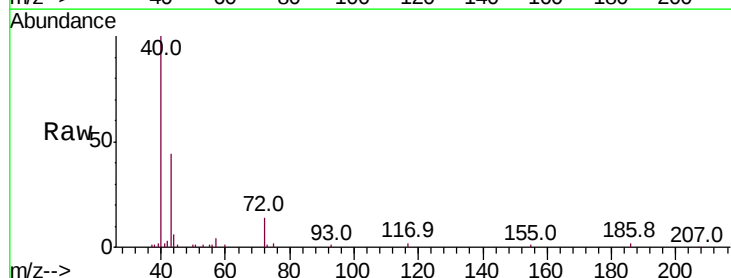
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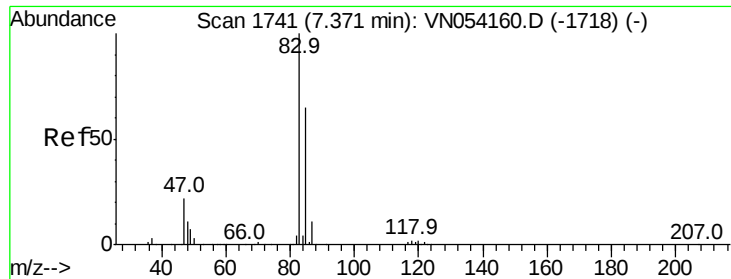
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#25
2-Butanone
Concen: 7.297 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN054378.D
Acq: 17 Mar 2019 11:02

Tgt Ion:	43	Resp:	45952
Ion	Ratio	Lower	Upper
43	100		
72	32.1	23.0	34.6





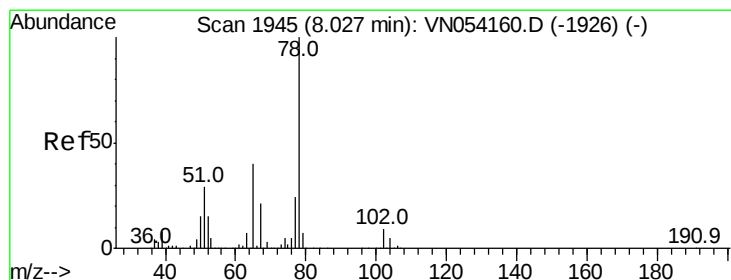
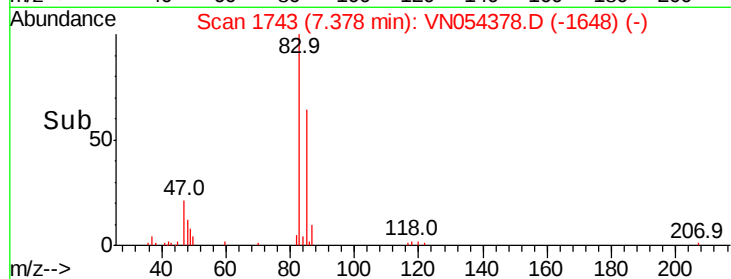
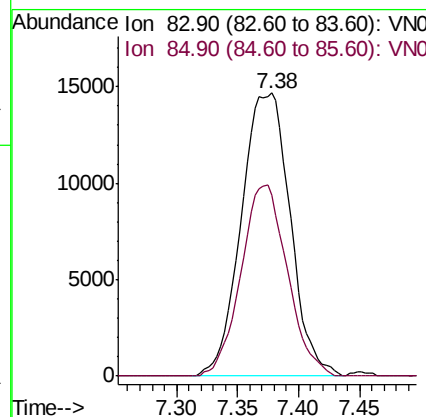
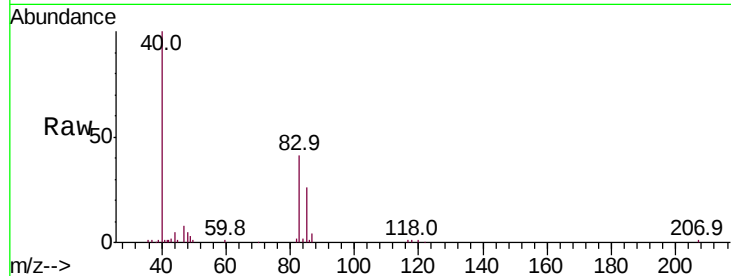
#30
Chloroform
Concen: 1.295 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN054378.D
Acq: 17 Mar 2019 11:02

Instrument :
MSVOA_N
ClientSampleId :
OWS

Tot Ion: 83 Resp: 40743
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4

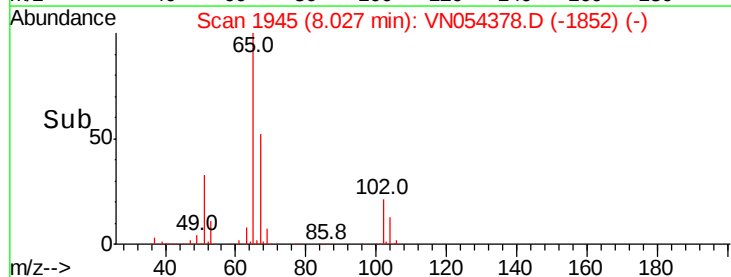
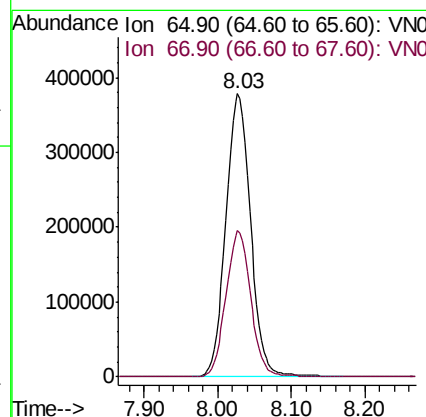
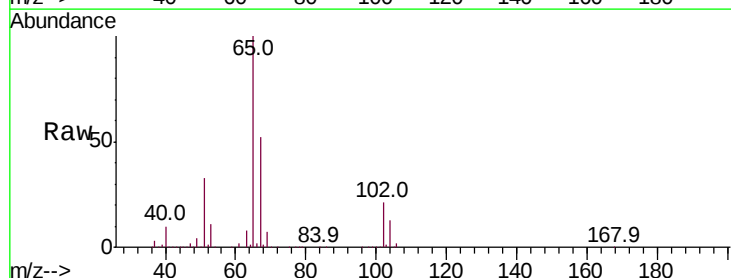
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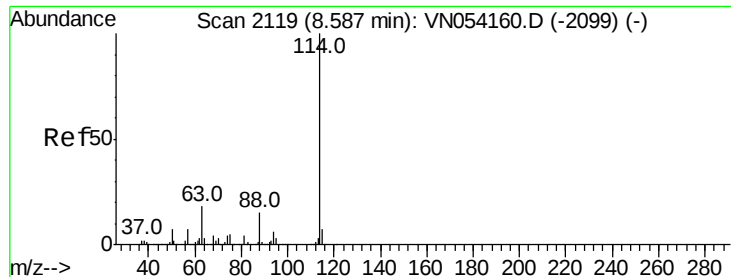
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#33
1,2-Dichloroethane-d4
Concen: 47.222 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054378.D
Acq: 17 Mar 2019 11:02

Tgt Ion: 65 Resp: 884935
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

OWS

Tot Ion:114 Resp: 2598655

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

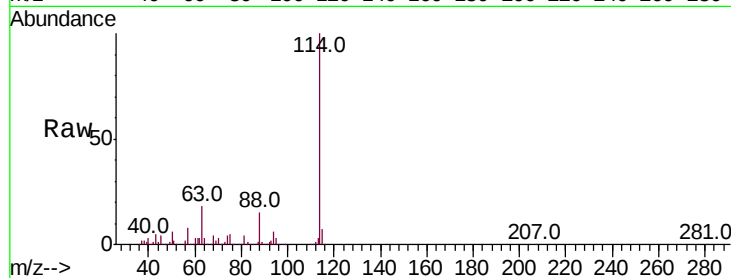
88 14.9 0.0 30.2

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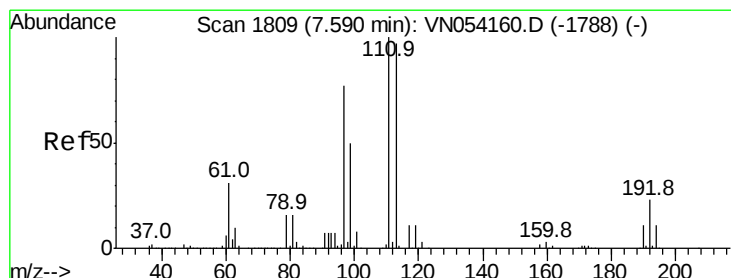
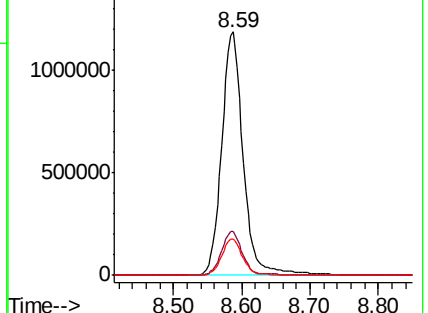
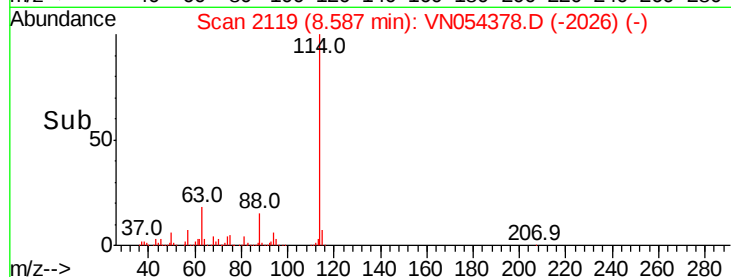
3/18/2019 11:28:22 AM



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: 47.019 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

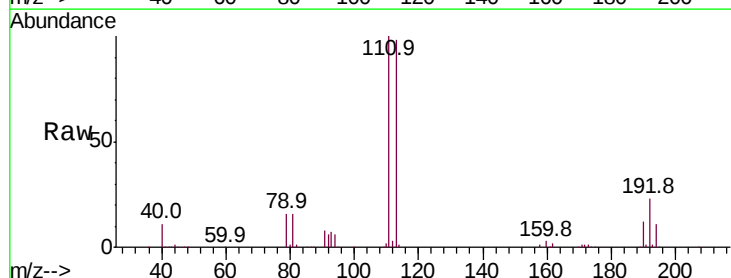
Tgt Ion:113 Resp: 788057

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

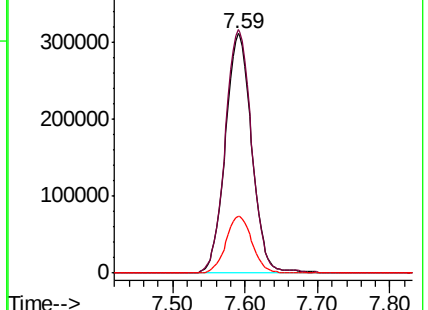
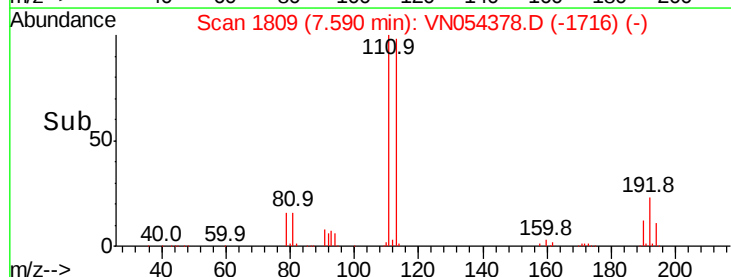
192 23.4 19.2 28.8

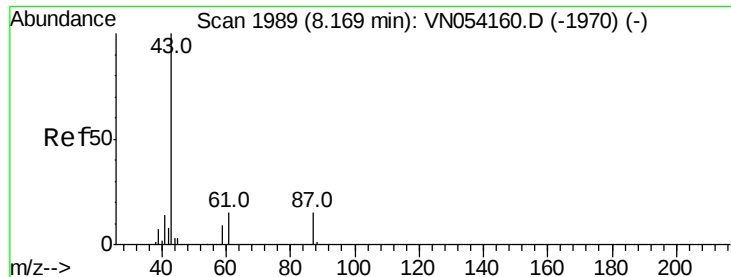


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.005 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Instrument :

MSVOA_N

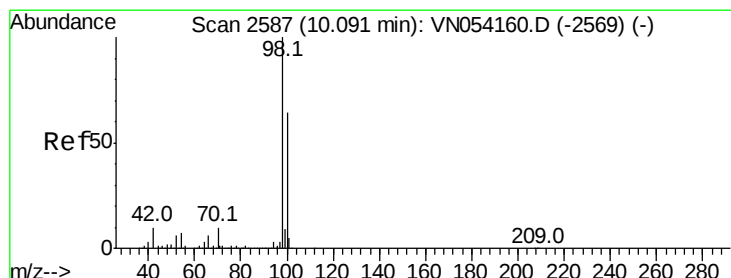
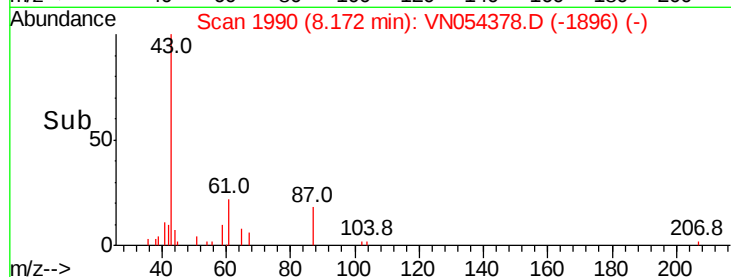
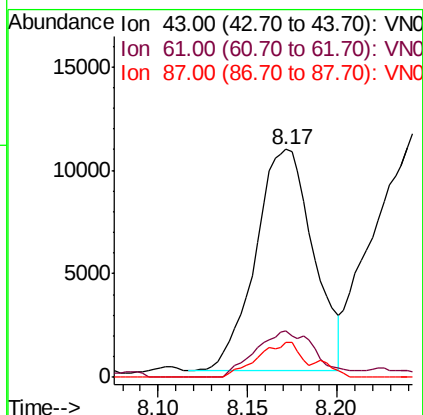
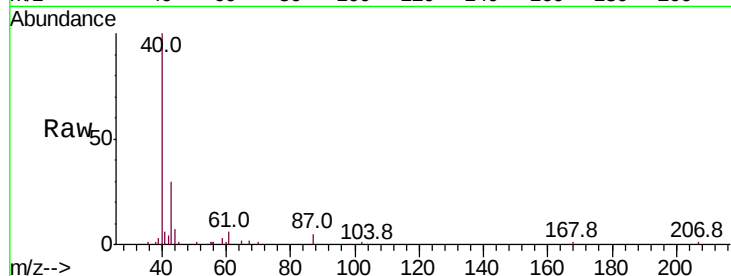
ClientSampleId :

OVS

Tot Ion:	43	Resp:	24254
Ion	Ratio	Lower	Upper
43	100		
61	21.9	15.8	23.8
87	11.8	12.0	18.0#

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#50

Toluene-d8

Concen: 48.300 ug/l

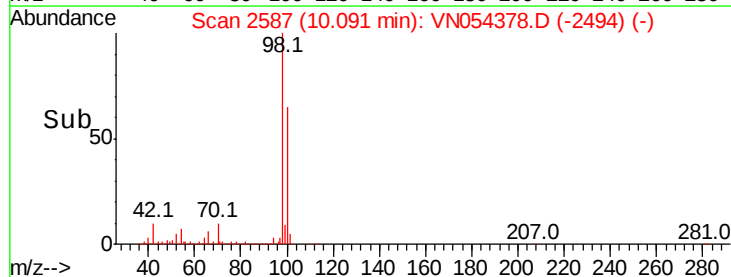
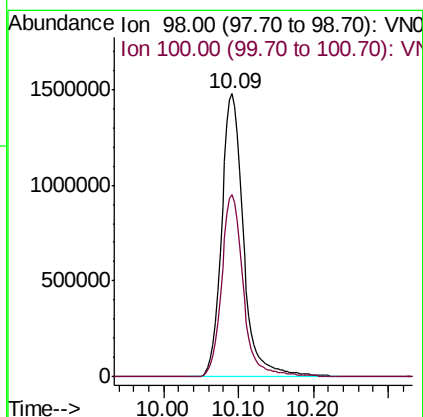
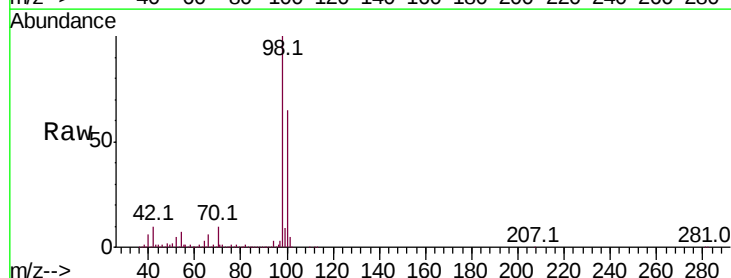
RT: 10.09 min Scan# 2587

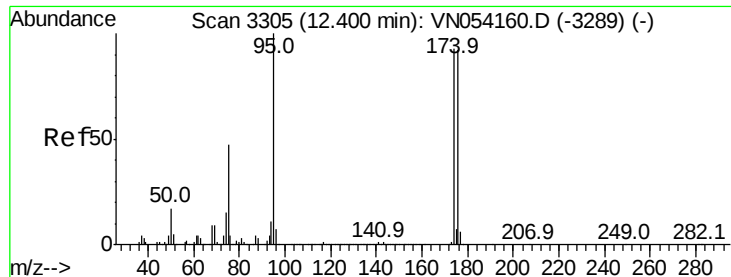
Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Tgt Ion:	98	Resp:	2989685
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 44.009 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Instrument :

MSVOA_N

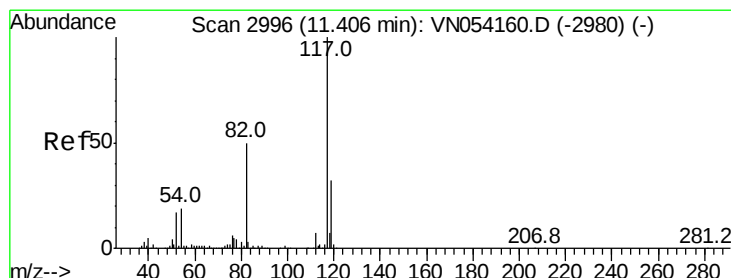
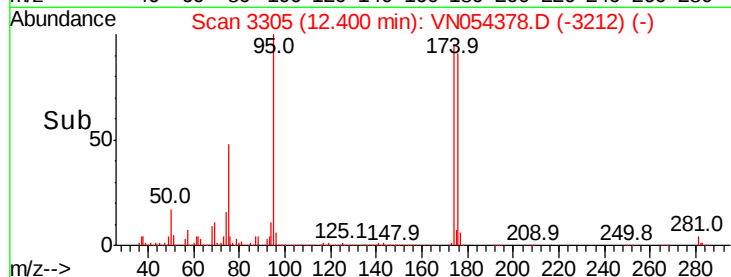
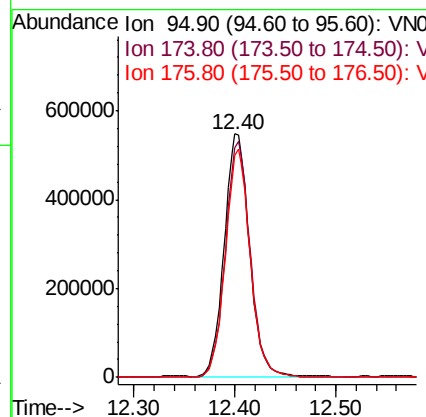
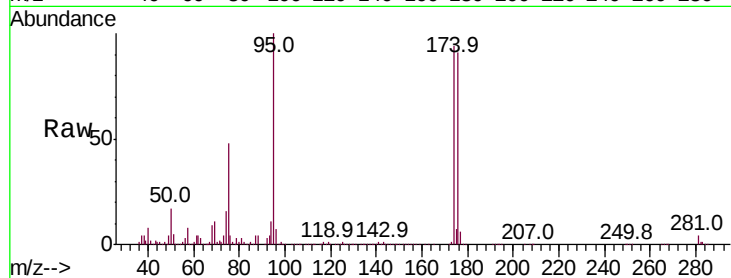
ClientSampled :

OVS

Tot Ion:	95	Resp:	953145
Ion Ratio	Lower	Upper	
95	100		
174	96.3	0.0	191.0
176	92.5	0.0	187.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

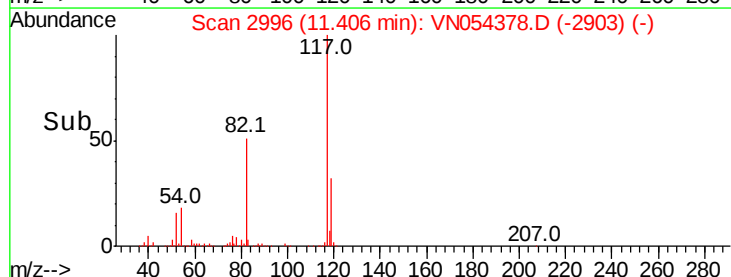
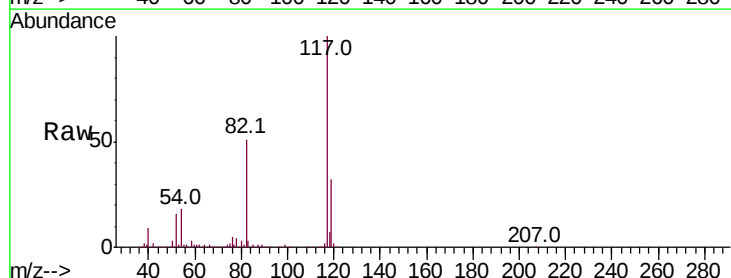
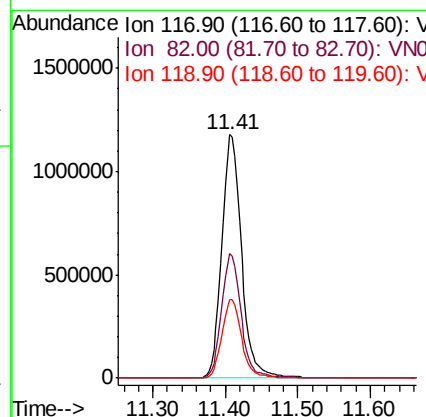
RT: 11.41 min Scan# 2996

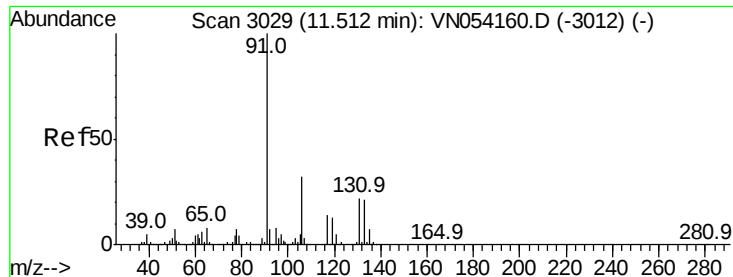
Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Tgt Ion:	117	Resp:	2225592
Ion Ratio	Lower	Upper	
117	100		
82	50.9	40.0	60.0
119	32.2	25.8	38.6





#67

Ethyl Benzene

Concen: 4.251 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

OWS

Tot Ion: 91 Resp: 344374

Ion Ratio Lower Upper

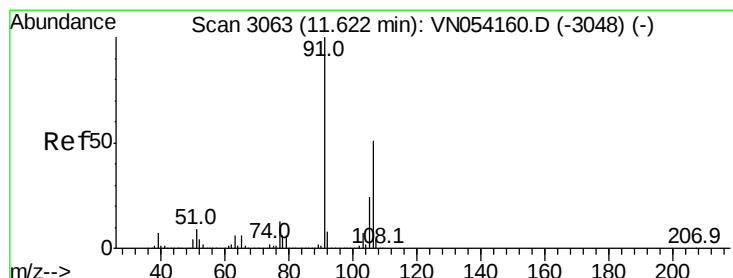
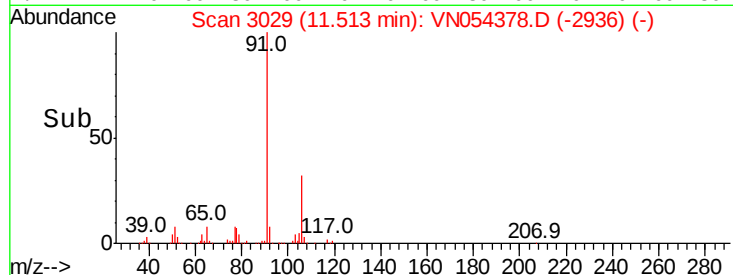
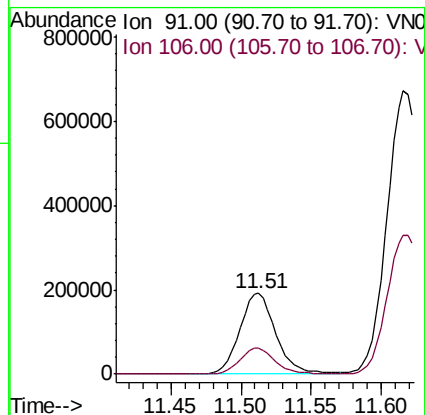
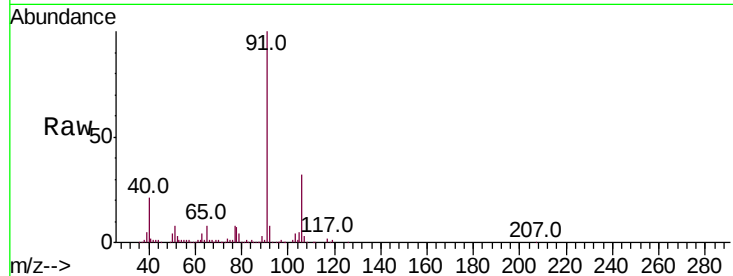
91 100

106 32.0 25.5 38.3

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#68

m/p-Xylenes

Concen: 20.388 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN054378.D

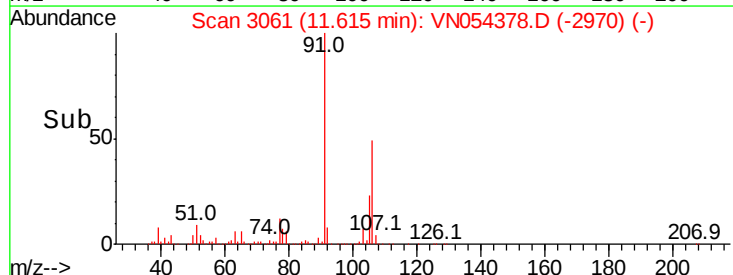
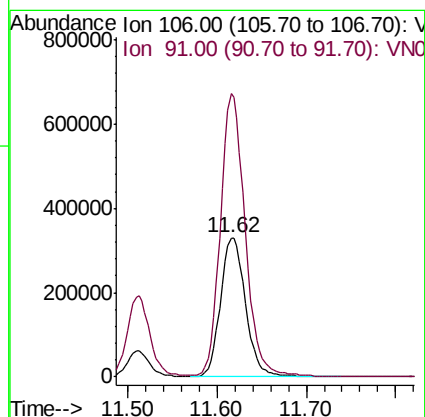
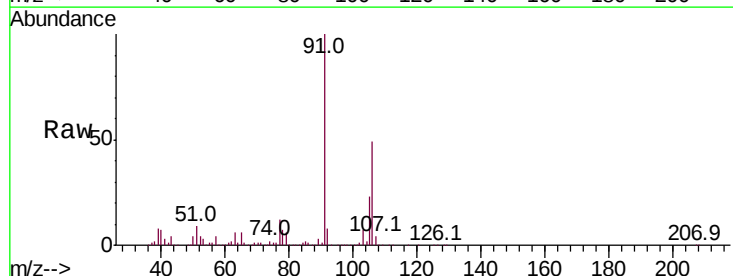
Acq: 17 Mar 2019 11:02

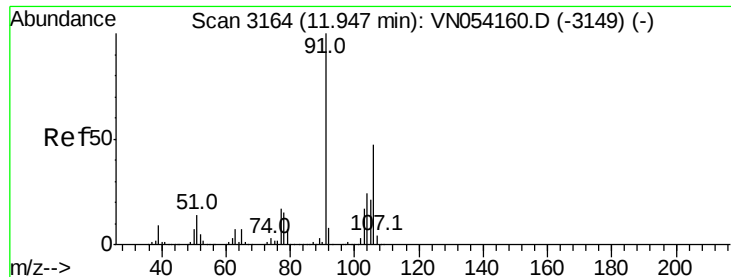
Tgt Ion: 106 Resp: 645519

Ion Ratio Lower Upper

106 100

91 200.5 159.4 239.2





#69

o-Xylene

Concen: 16.170 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

OWS

Tot Ion:106 Resp: 499079

Ion Ratio Lower Upper

106 100

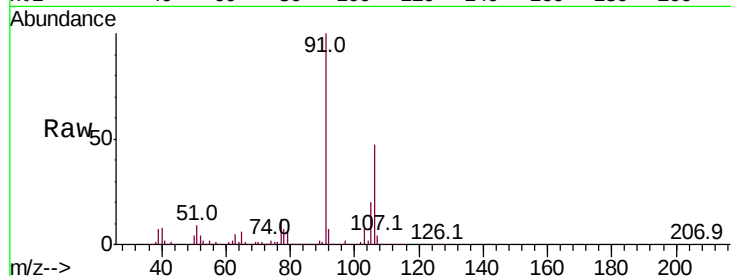
91 212.6 105.7 317.1

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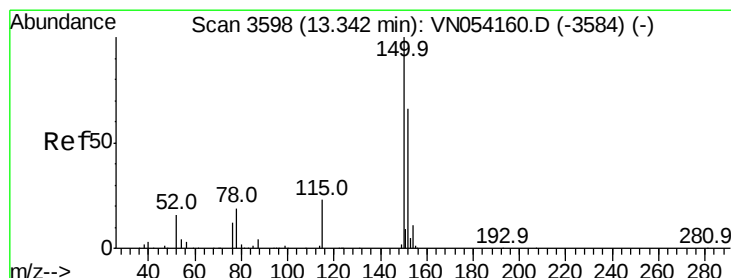
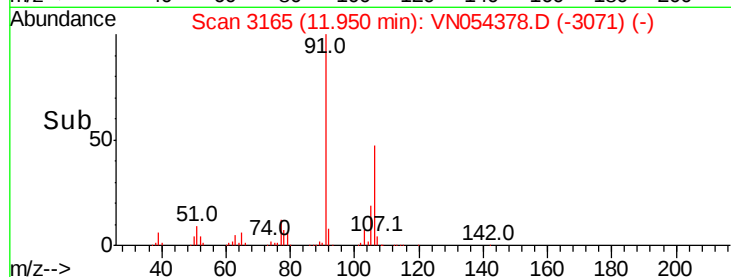
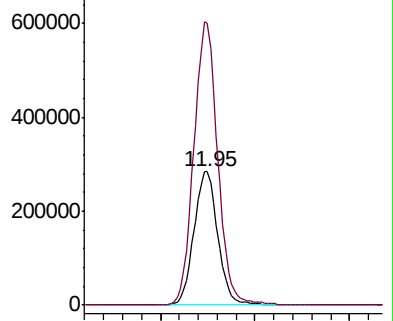
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

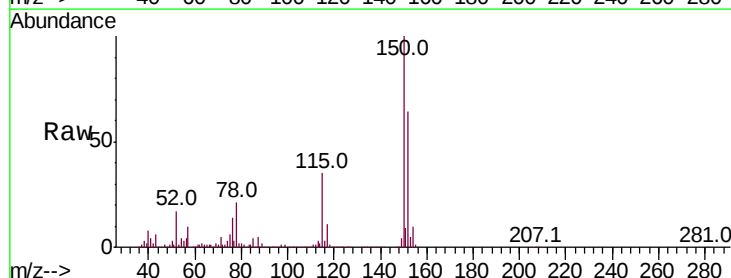
Tgt Ion:152 Resp: 947867

Ion Ratio Lower Upper

152 100

115 56.3 27.2 81.6

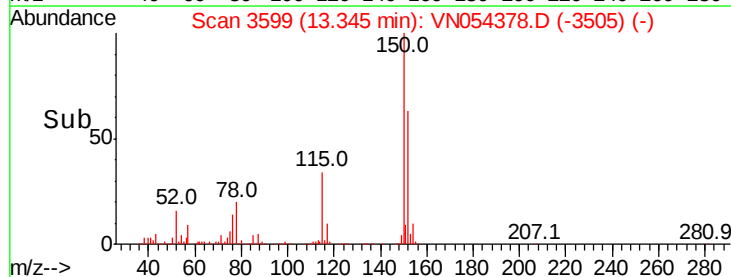
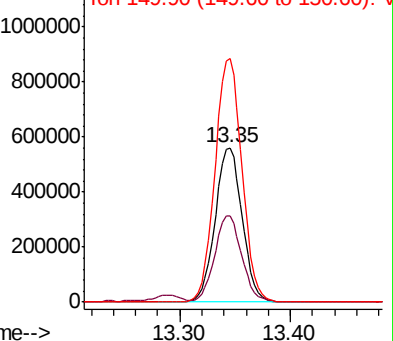
150 157.5 0.0 349.2

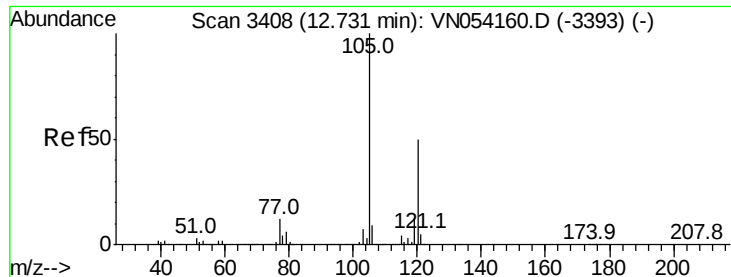


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.772 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054378.D

Acq: 17 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

OVS

Tot Ion:105 Resp: 111792

Ion Ratio Lower Upper

105 100

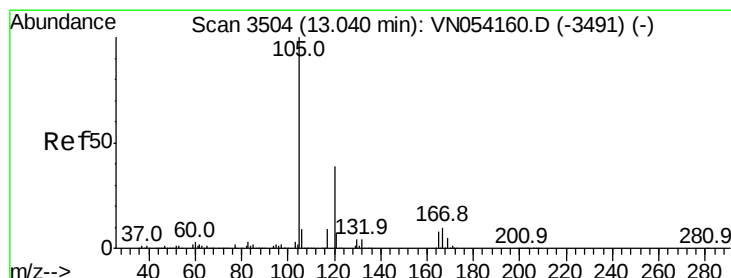
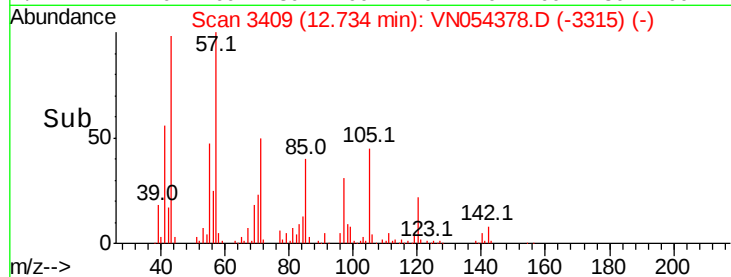
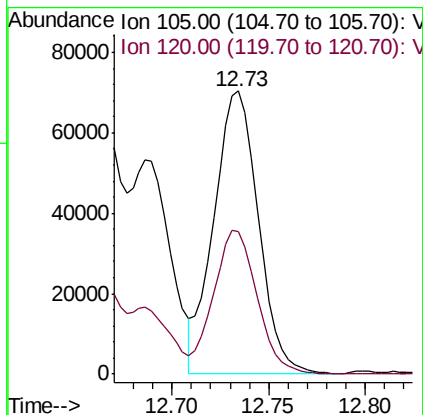
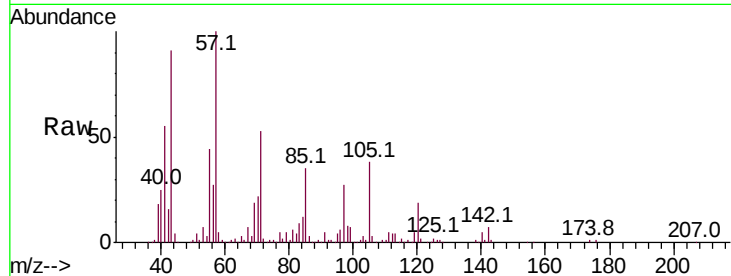
120 50.1 25.0 75.0

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 5.425 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054378.D

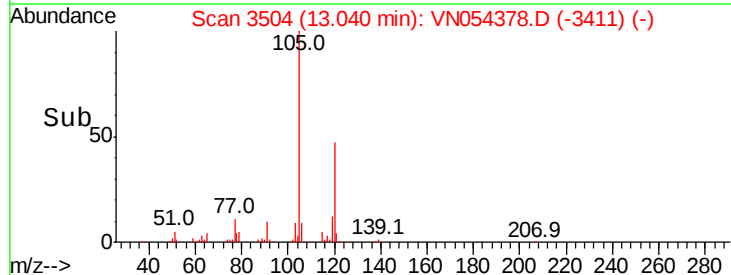
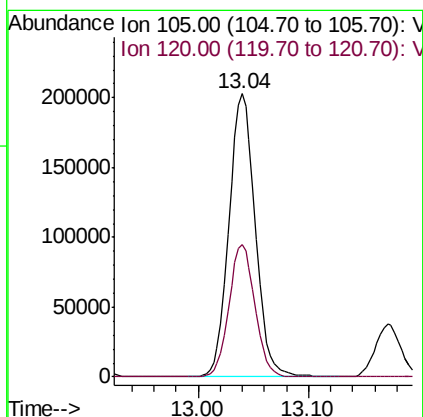
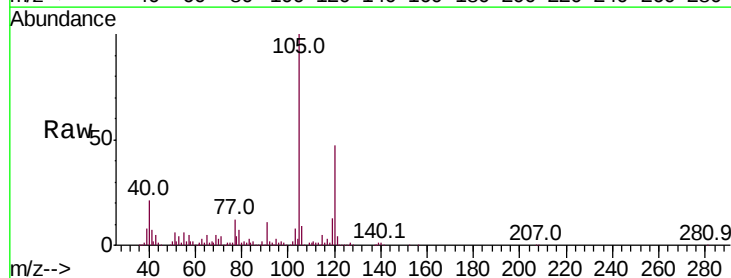
Acq: 17 Mar 2019 11:02

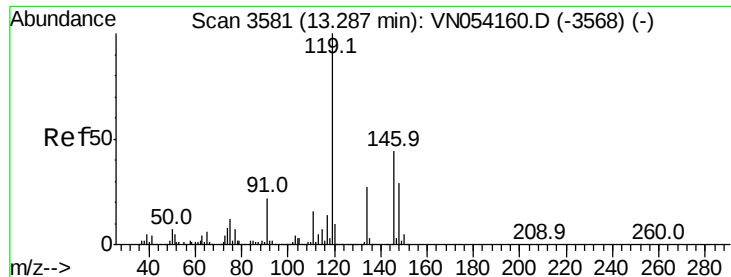
Tgt Ion:105 Resp: 335734

Ion Ratio Lower Upper

105 100

120 46.0 23.4 70.3





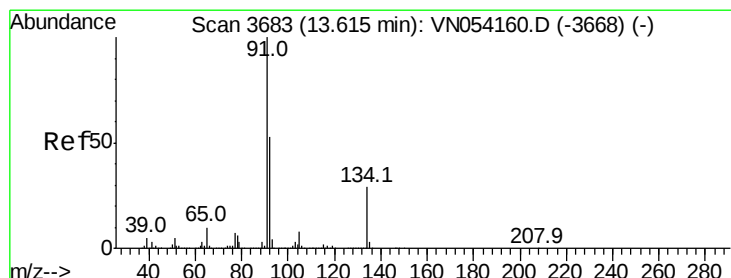
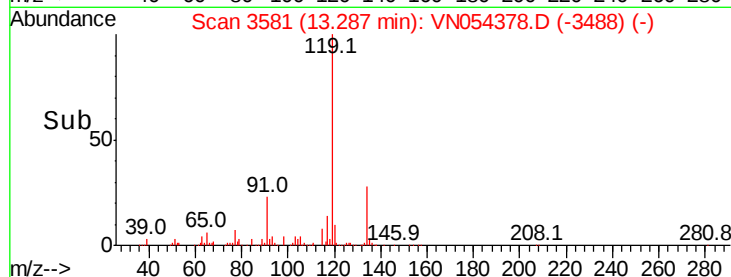
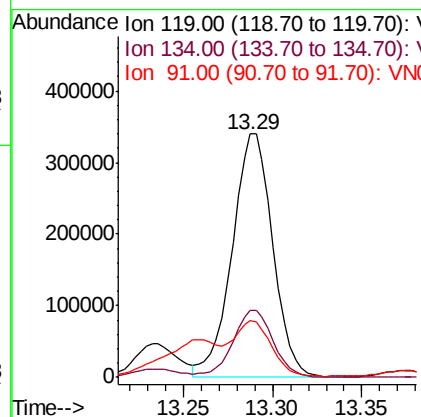
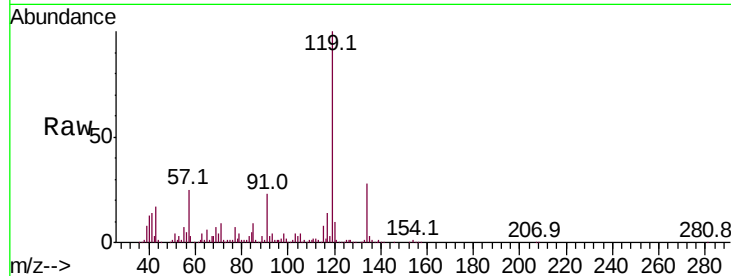
#86
 p-Isopropyltoluene
 Concen: 8.145 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054378.D
 Acq: 17 Mar 2019 11:02

Instrument :
 MSVOA_N
 ClientSampled :
 OWS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	538046		
134	27.2		13.6	40.8
91	21.5		11.1	33.3

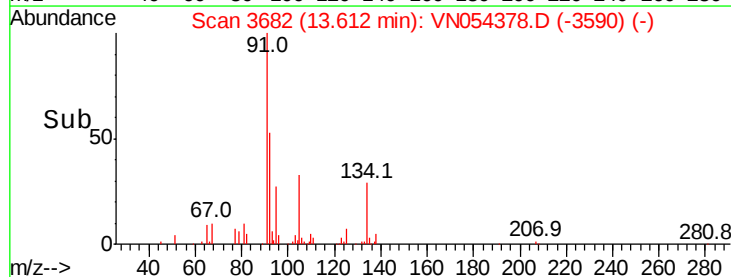
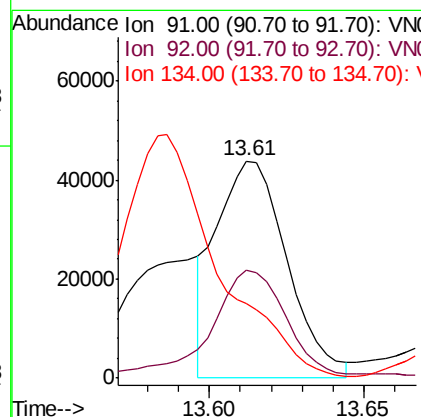
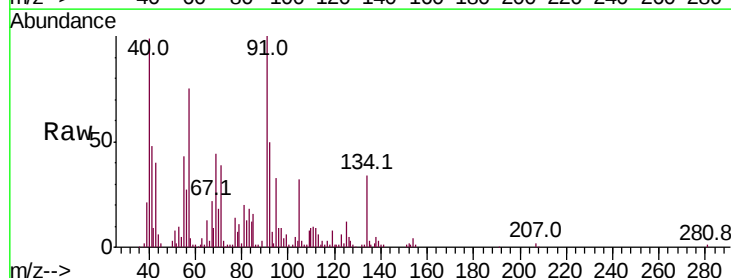
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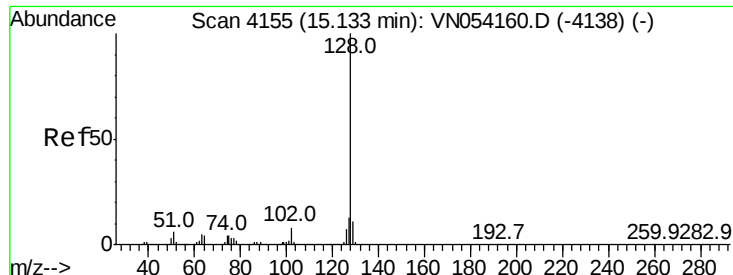
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#89
 n-Butylbenzene
 Concen: 1.392 ug/l m
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054378.D
 Acq: 17 Mar 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	69872		
92	50.1		26.2	78.6
134	0.0		14.3	42.9#





#95
Naphthalene
Concen: 8.843 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054378.D
Acq: 17 Mar 2019 11:02

Instrument :
MSVOA_N
ClientSampleId :
OWS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	15.3	10.1	15.1#
129	12.4	8.7	13.1

Manual Integrations
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