

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054415.D
 Acq On : 19 Mar 2019 1:50
 Operator : JC/SP
 Sample : K1691-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-A

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 9:22:48 AM

Quant Time: Mar 19 07:25:16 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	7.67	168	1844786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2721975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2304928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	861175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	921625	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	7.59	113	836368	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	3150314	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	950397	41.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.78%	
Target Compounds						
16) Acetone	3.83	43	16411	2.926	ug/l	94
20) Methylene Chloride	4.52	84	36149313m	1962.590	ug/l	
43) Isopropyl Acetate	8.17	43	28898	1.143	ug/l	98
95) Naphthalene	15.13	128	15322	3.847	ug/l	96

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

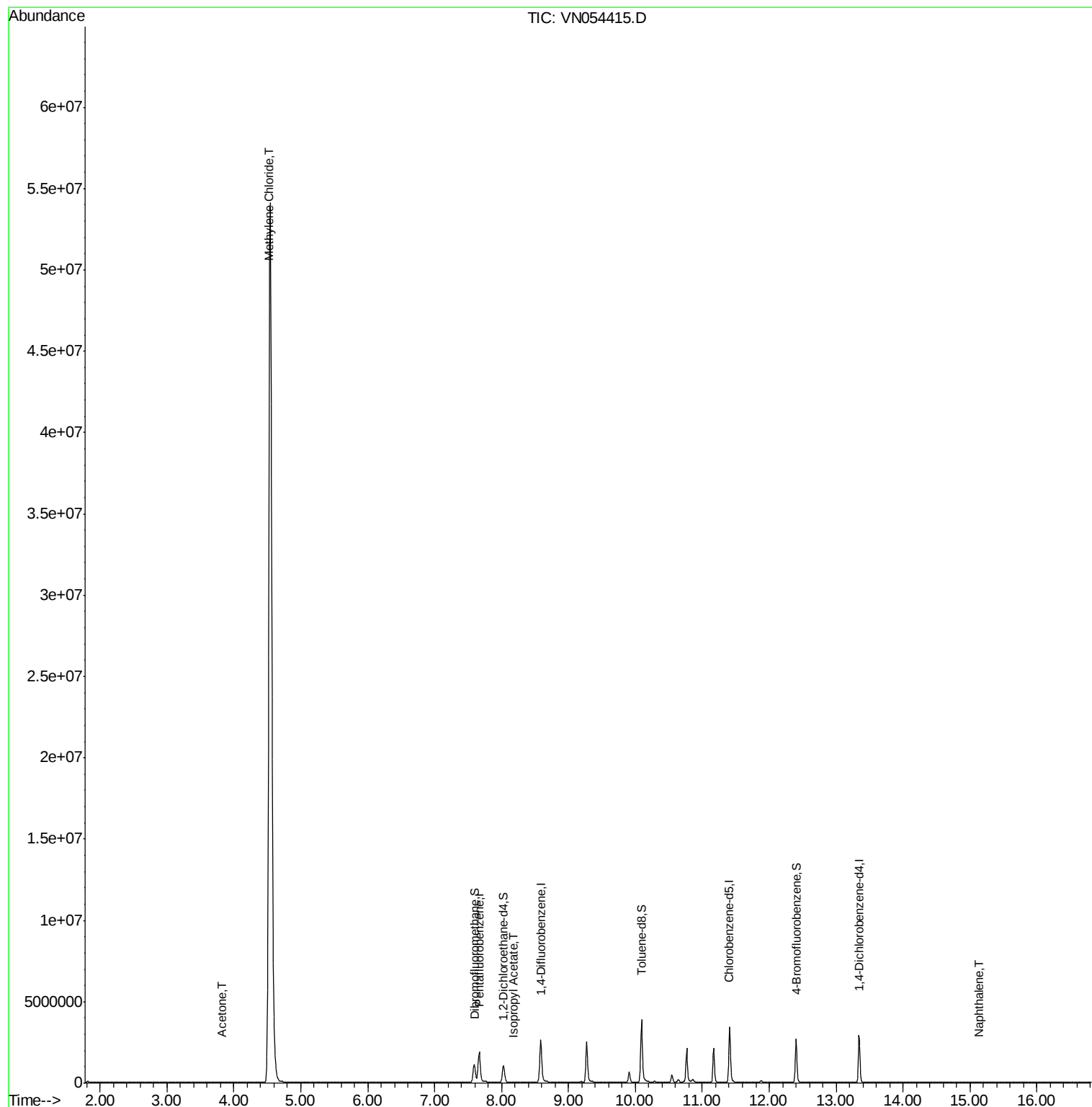
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
Data File : VN054415.D
Acq On : 19 Mar 2019 1:50
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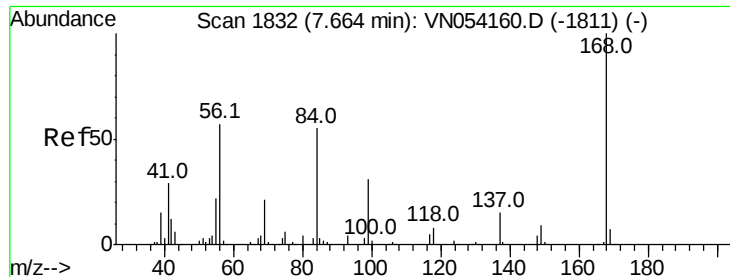
Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-A

Manual Integrations
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Quant Time: Mar 19 07:25:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054415.D

Acq: 19 Mar 2019 1:50

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-A

Tot Ion:168 Resp: 1844786

Ion Ratio Lower Upper

168 100

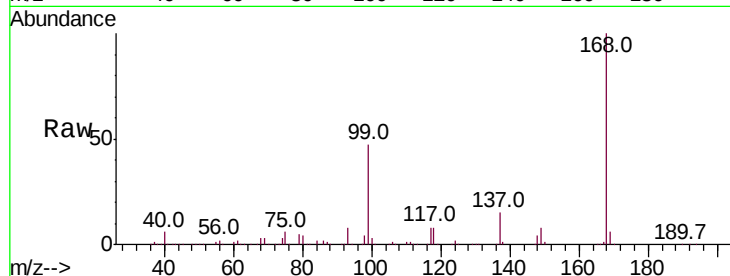
99 47.4 37.1 55.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

600000

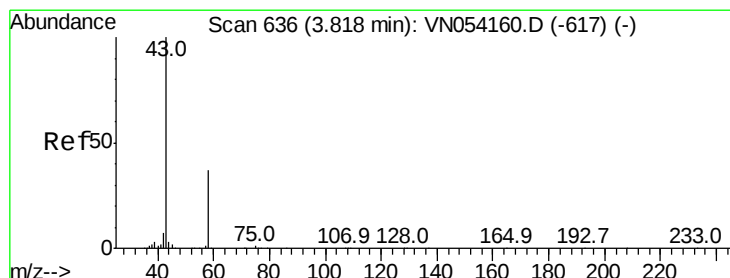
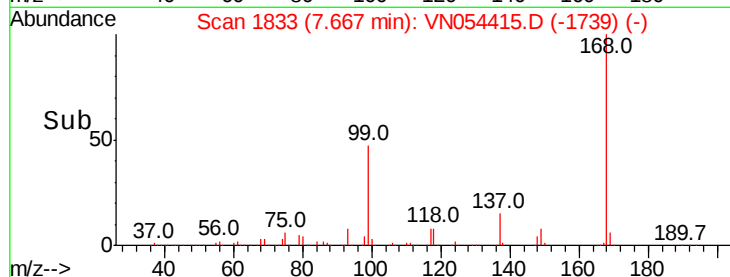
400000

200000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 2.926 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054415.D

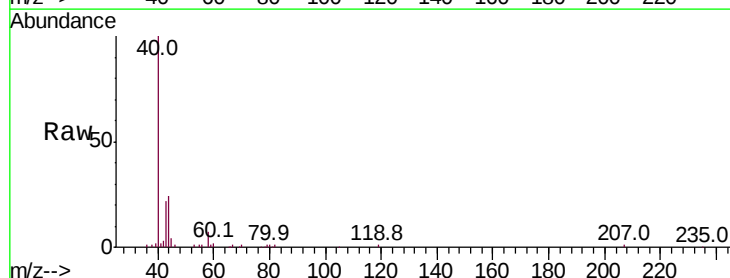
Acq: 19 Mar 2019 1:50

Tgt Ion: 43 Resp: 16411

Ion Ratio Lower Upper

43 100

58 33.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

10000

8000

6000

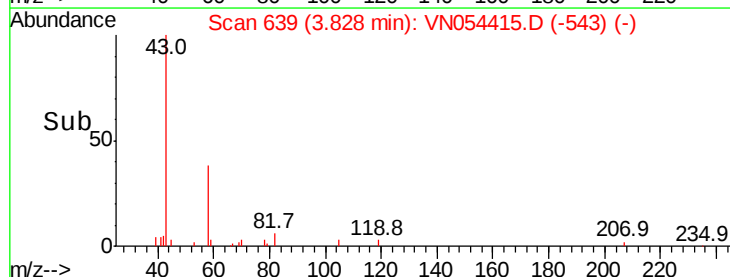
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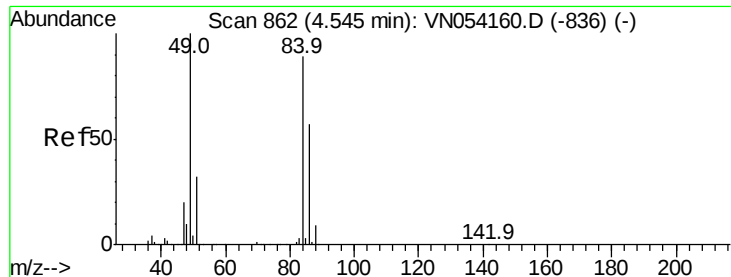
2000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 1962.590 ug/l m

RT: 4.52 min Scan# 855

Delta R.T. -0.02 min

Lab File: VN054415.D

Acq: 19 Mar 2019 1:50

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-A

Tot Ion: 84 Resp: 36149313

Ion	Ratio	Lower	Upper
84	100		
49	100.0	89.7	134.5
51	34.9	28.2	42.4
86	64.9	50.8	76.2

84 100

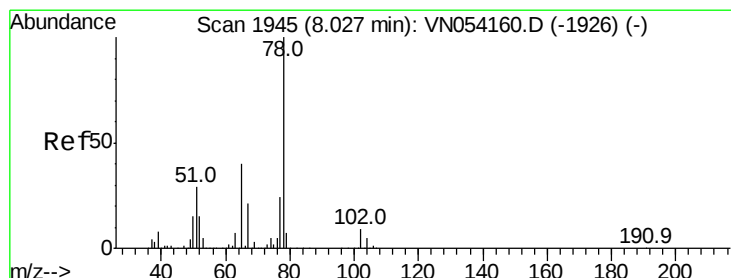
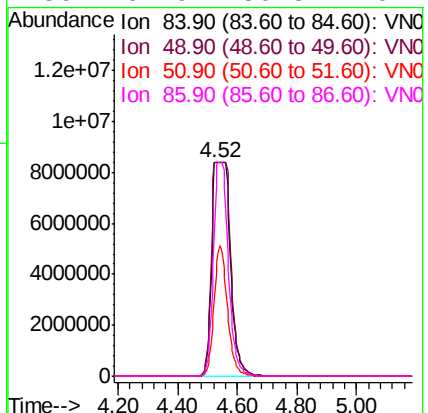
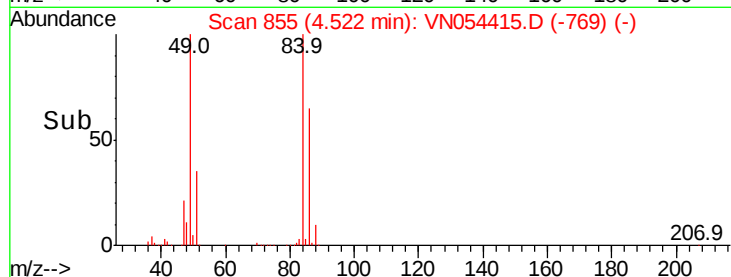
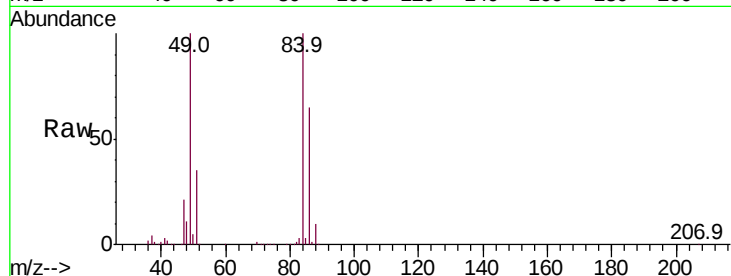
49 100.0 89.7 134.5

51 34.9 28.2 42.4

86 64.9 50.8 76.2

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#33

1,2-Dichloroethane-d4

Concen: 47.042 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054415.D

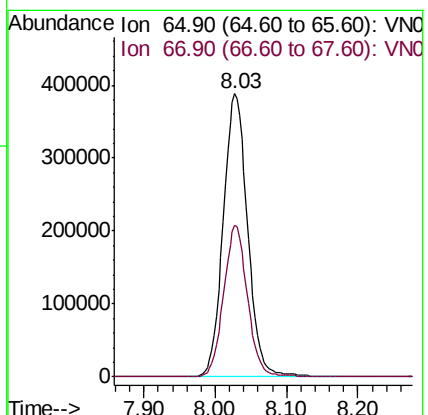
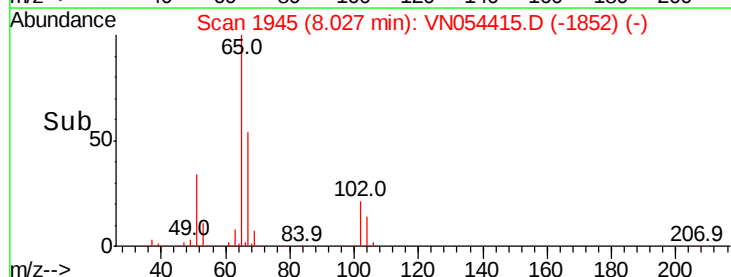
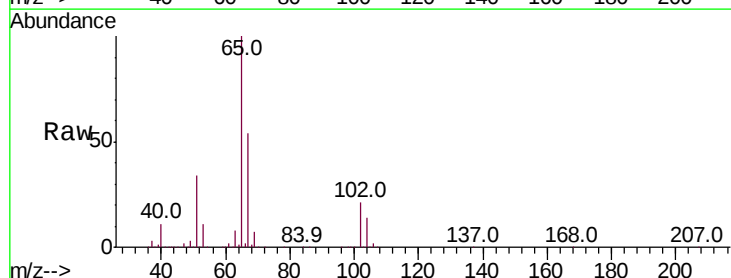
Acq: 19 Mar 2019 1:50

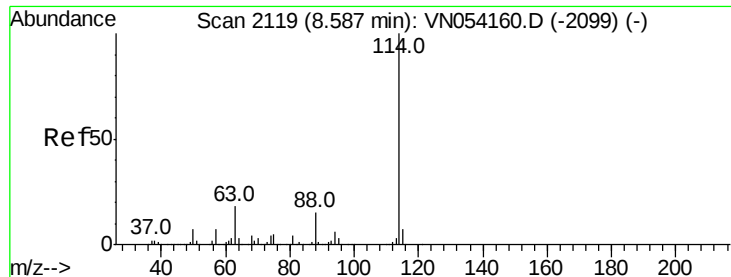
Tgt Ion: 65 Resp: 921625

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6

65 100

67 52.5 0.0 104.6





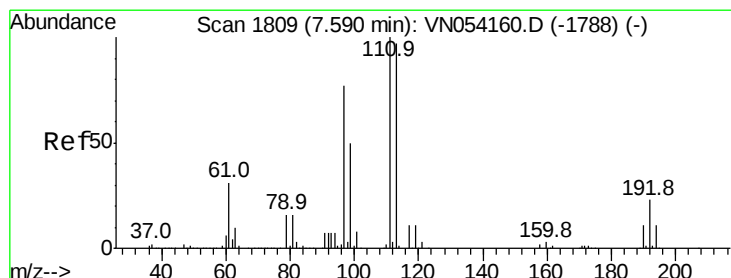
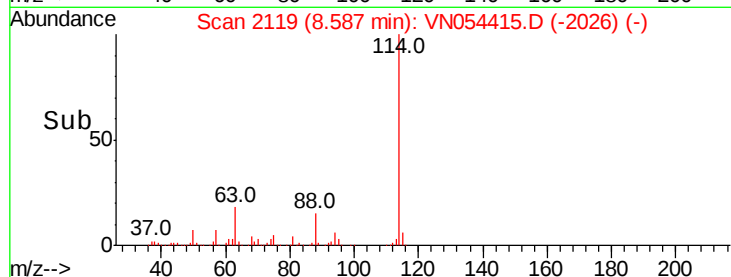
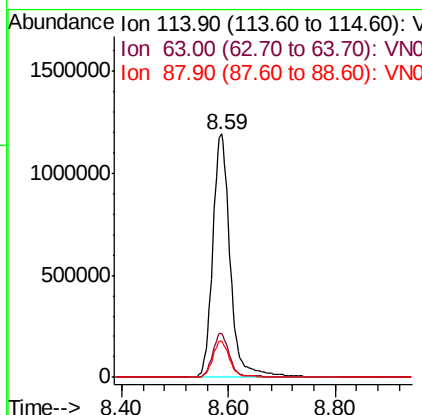
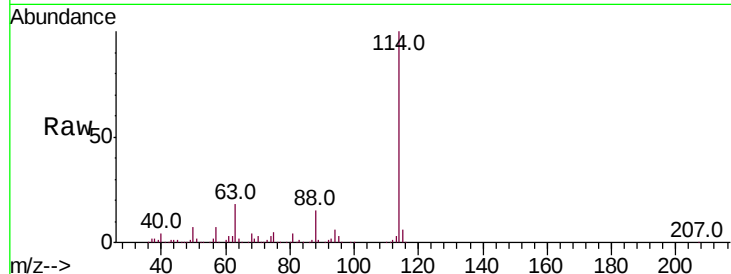
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054415.D
 Acq: 19 Mar 2019 1:50

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	14.6	0.0	30.2

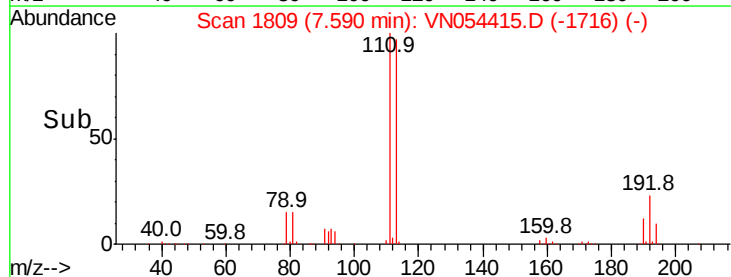
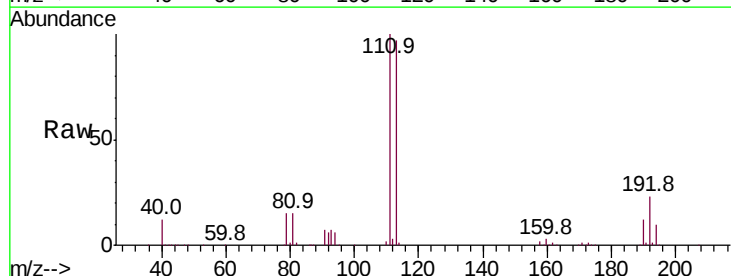
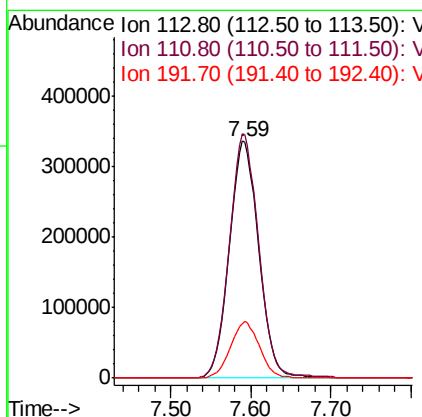
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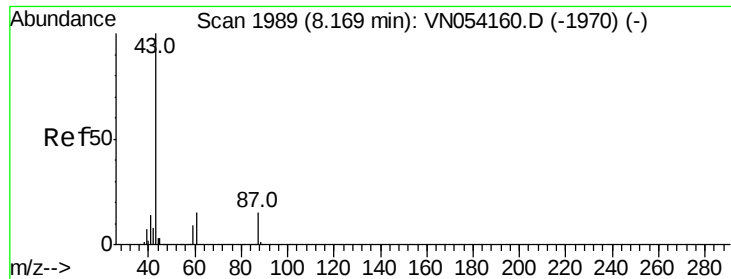
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#35
 Dibromofluoromethane
 Concen: 47.641 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054415.D
 Acq: 19 Mar 2019 1:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	23.6	19.2	28.8





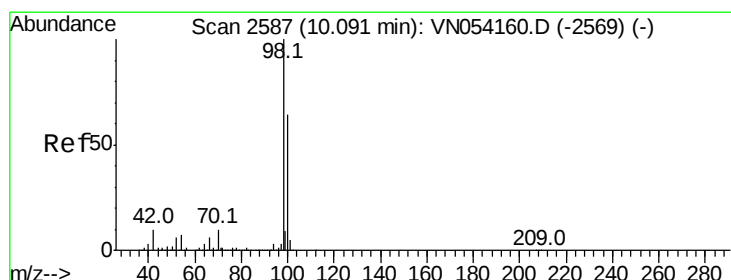
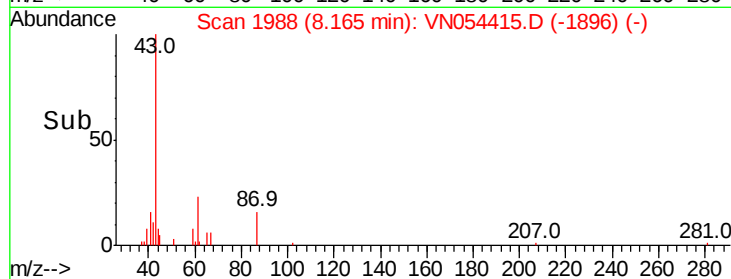
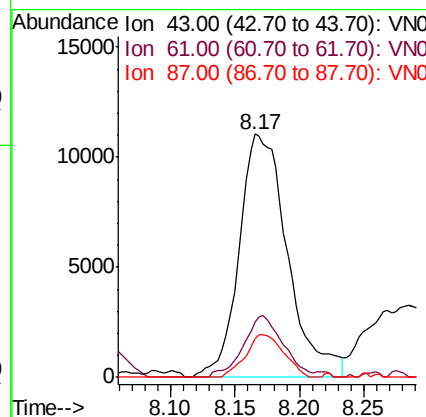
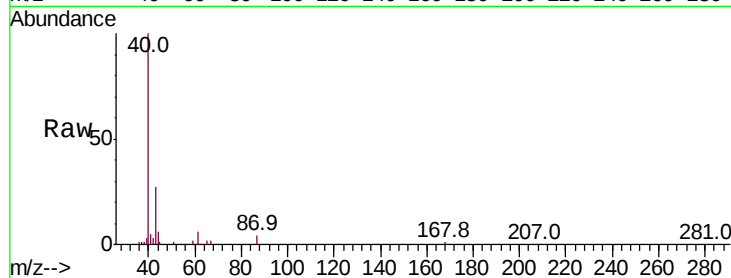
#43
Isopropyl Acetate
Concen: 1.143 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN054415.D
Acq: 19 Mar 2019 1:50

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-A

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	15.8	23.8
87	13.9	12.0	18.0

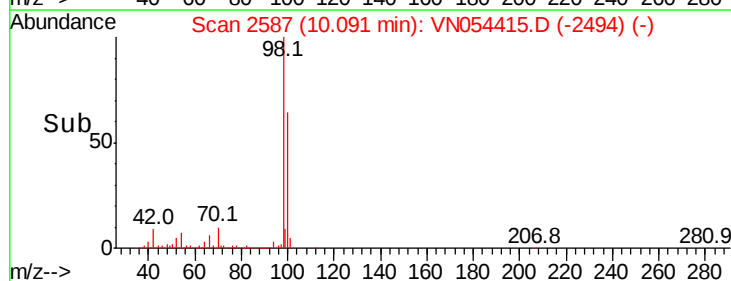
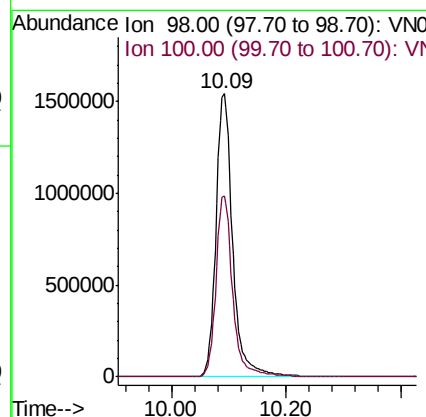
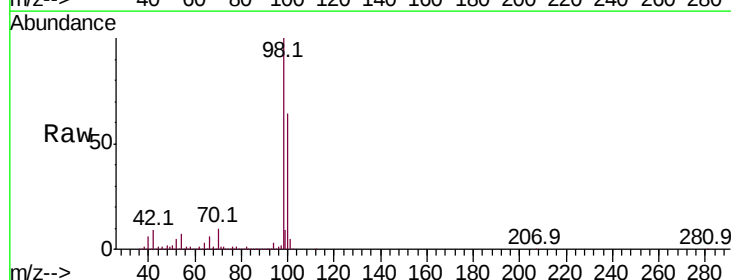
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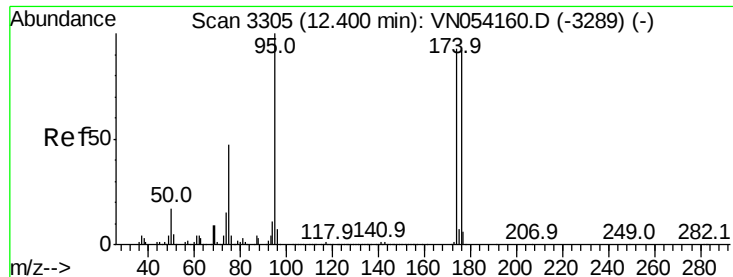
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#50
Toluene-d8
Concen: 48.589 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054415.D
Acq: 19 Mar 2019 1:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8





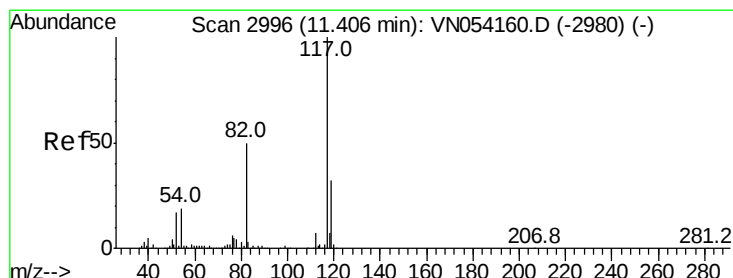
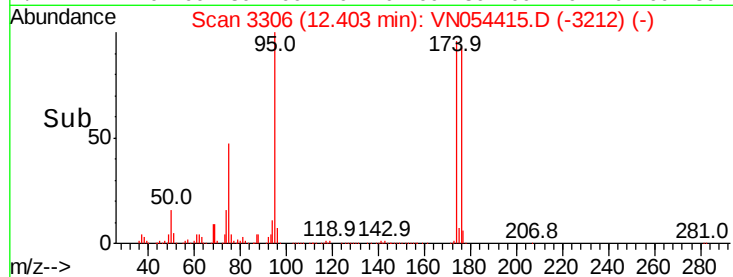
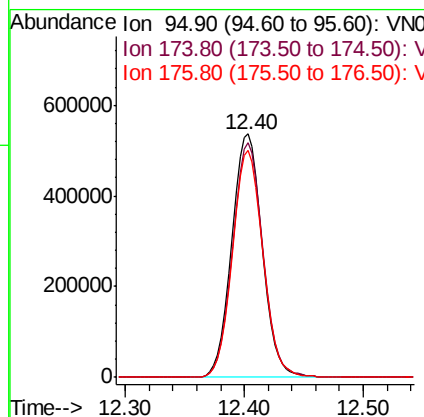
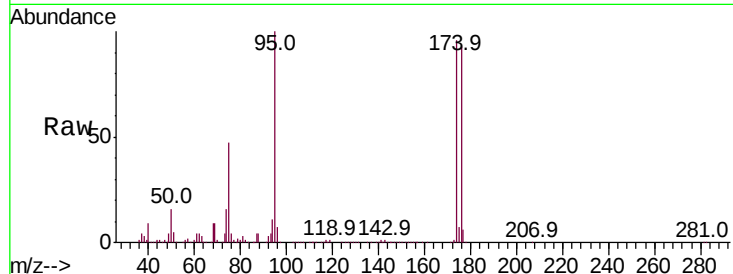
#62
4-Bromofluorobenzene
Concen: 41.894 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054415.D
Acq: 19 Mar 2019 1:50

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-A

Tot Ion	Ratio	Resp	Lower	Upper
95	100	950397		
174	96.0	0.0	191.0	
176	93.1	0.0	187.4	

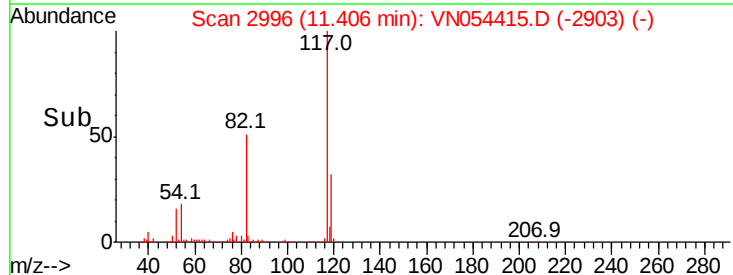
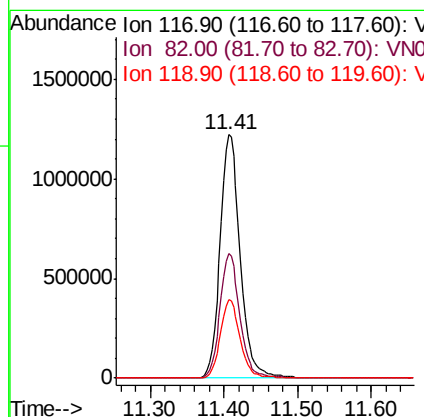
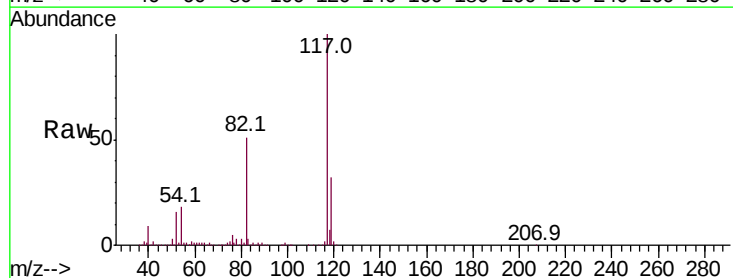
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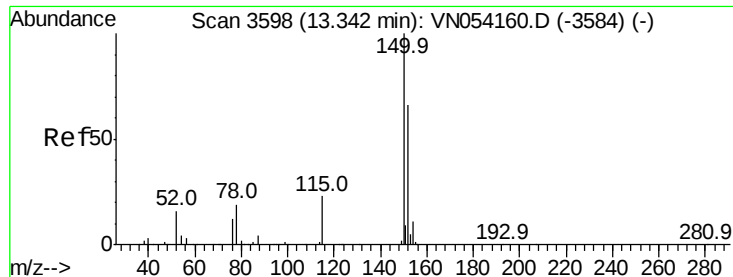
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054415.D
Acq: 19 Mar 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	2304928		
82	50.9	40.0	60.0	
119	32.0	25.8	38.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054415.D

Acq: 19 Mar 2019 1:50

Instrument :

MSVOA_N

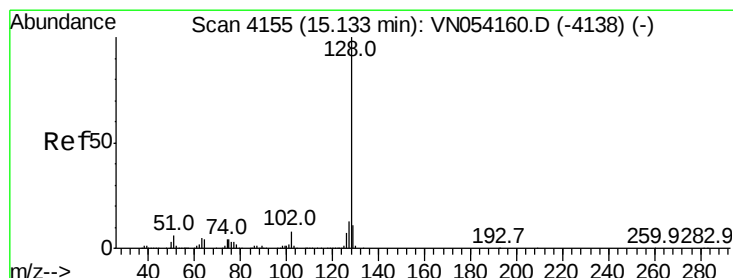
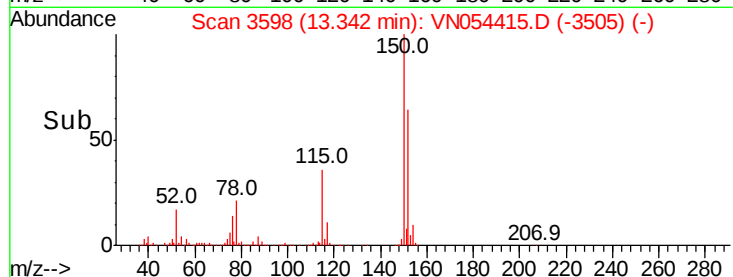
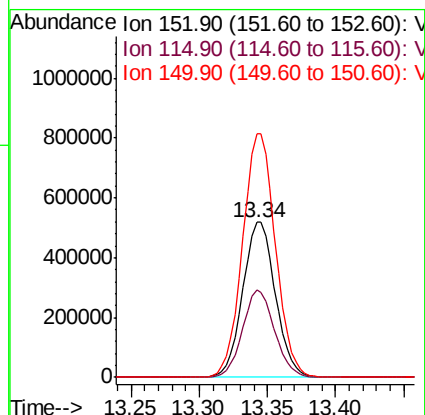
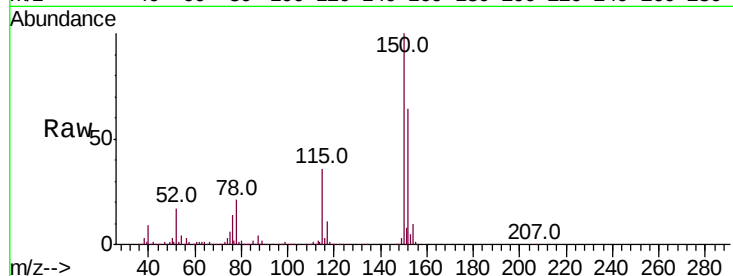
ClientSampleId :

CL-01-031519-A

Tot Ion:	152	Resp:	861175
Ion Ratio	Lower	Upper	
152	100		
115	55.5	27.2	81.6
150	157.9	0.0	349.2

Manual Integrations
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#95

Naphthalene

Concen: 3.847 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054415.D

Acq: 19 Mar 2019 1:50

Tgt Ion:	128	Resp:	15322
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.1	15.1
129	12.2	8.7	13.1

