

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051533.D
 Acq On : 26 Sep 2018 12:48
 Operator : MD\SY
 Sample : J4779-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-3A-092418

Manual Integrations
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 9/30/2018 9:55:10 AM

Quant Time: Sep 27 16:01:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	817723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1280846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1082078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	444984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	542143	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	7.59	113	478114	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	10.09	98	1795745	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.40	95	518943	41.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.18%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.34	43	15600	2.000	ug/l	91
20) Methylene Chloride	4.56	84	11654	1.150	ug/l	91
25) 2-Butanone	6.85	43	6656	1.898	ug/l #	76
30) Chloroform	7.38	83	16020	0.918	ug/l	86
31) Cyclohexane	7.67	56	15394	0.954	ug/l #	1
43) Isopropyl Acetate	8.17	43	383536	24.871	ug/l #	92
47) Bromodichloromethane	9.40	83	4707	0.318	ug/l #	88
51) 4-Methyl-2-Pentanone	9.99	43	2341	0.276	ug/l #	78
52) Toluene	10.16	92	10180	0.376	ug/l	96
67) Ethyl Benzene	11.51	91	32540	0.695	ug/l	100
68) m/p-Xylenes	11.62	106	51239	2.831	ug/l	99
69) o-Xylene	11.95	106	21963	1.262	ug/l	96
78) n-propylbenzene	12.59	91	9953	0.235	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	12721	0.416	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	50575	1.639	ug/l	98
85) sec-Butylbenzene	13.17	105	14280	0.387	ug/l	89
95) Naphthalene	15.13	128	148498	15.576	ug/l	99

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

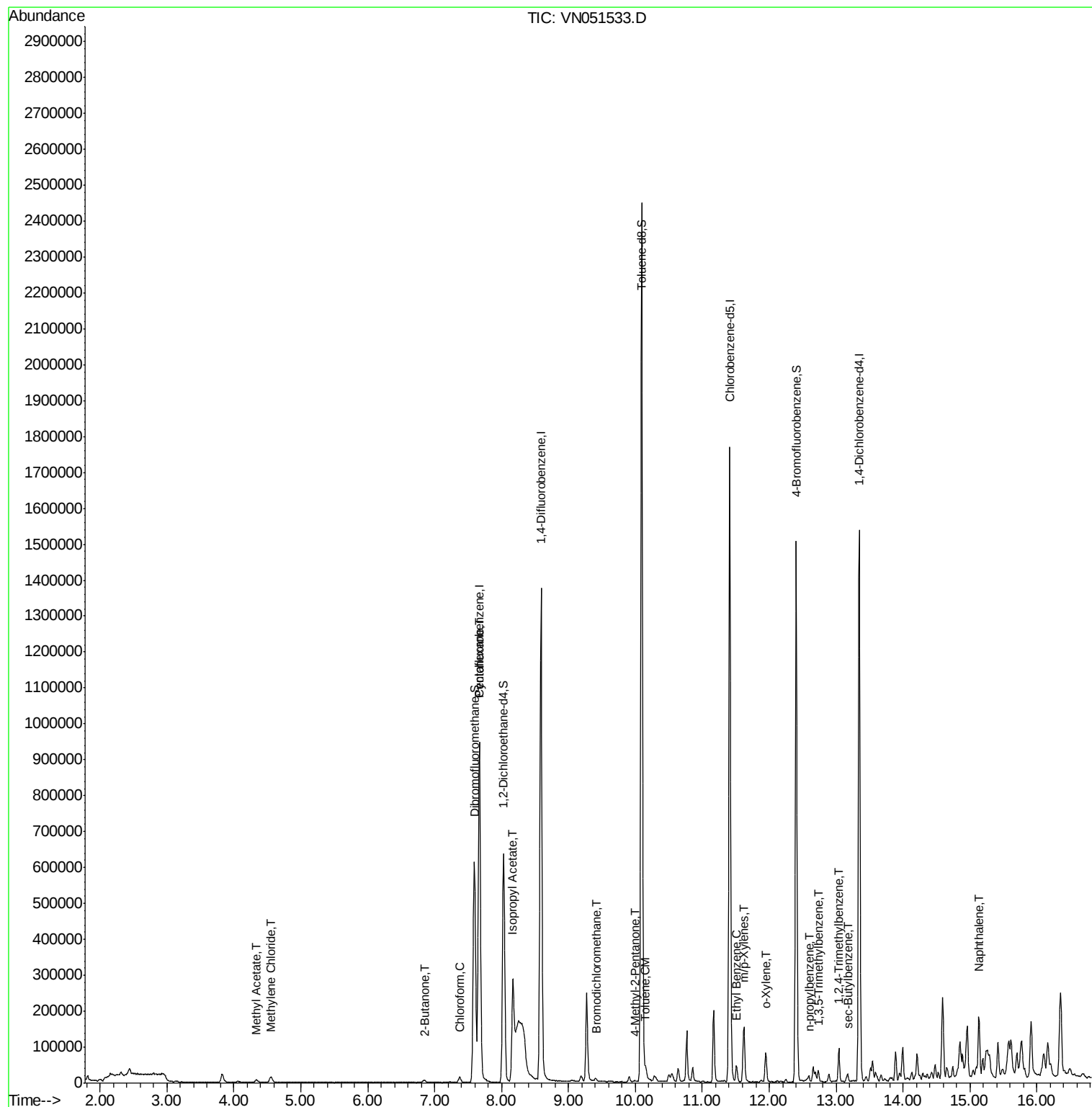
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
Data File : VN051533.D
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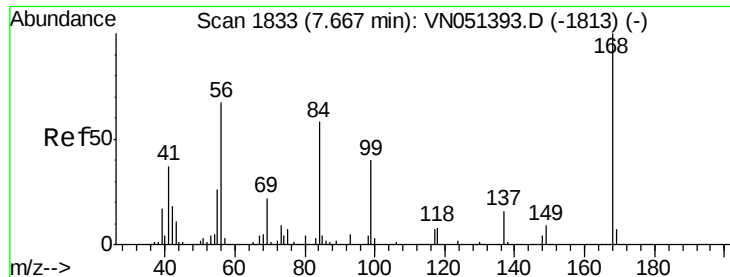
Instrument :
MSVOA_N
ClientSampleId :
SU-3A-092418

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Quant Time: Sep 27 16:01:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051533.D

Acq: 26 Sep 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

SU-3A-092418

Tgt Ion:168 Resp: 817723

Ion Ratio Lower Upper

168 100

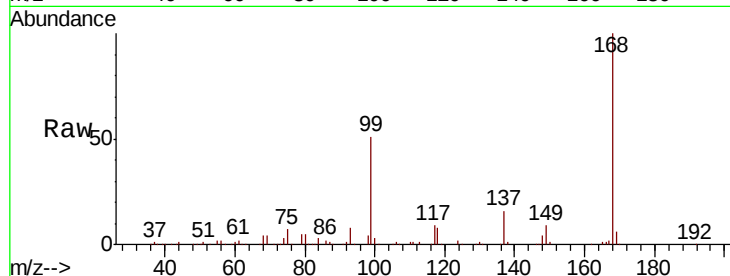
99 50.6 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): VN051533.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051533.D (-1813) (-)

7.67

300000

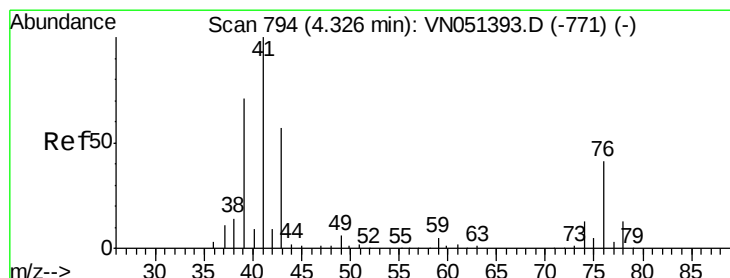
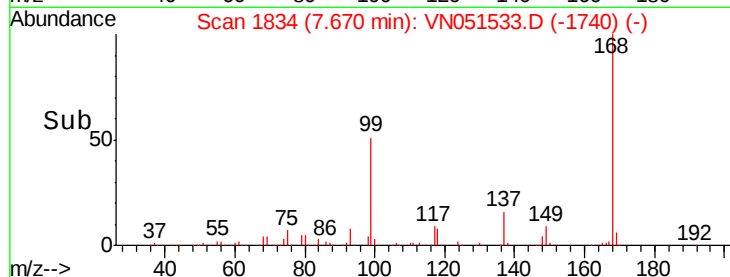
200000

100000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 2.000 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051533.D

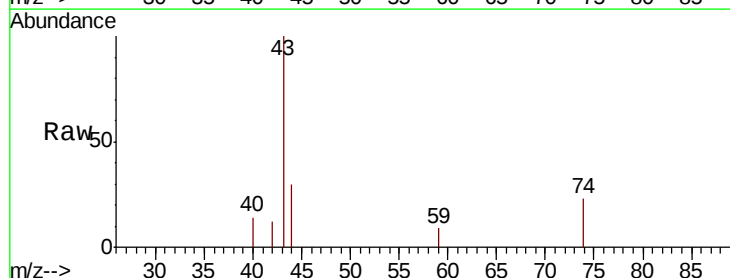
Acq: 26 Sep 2018 12:48

Tgt Ion: 43 Resp: 15600

Ion Ratio Lower Upper

43 100

74 18.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN051533.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051533.D (-771) (-)

4.34

5000

4000

3000

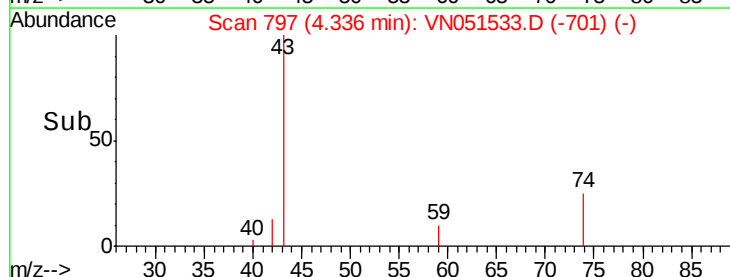
2000

1000

0

4.25 4.30 4.35 4.40 4.45

Time-->





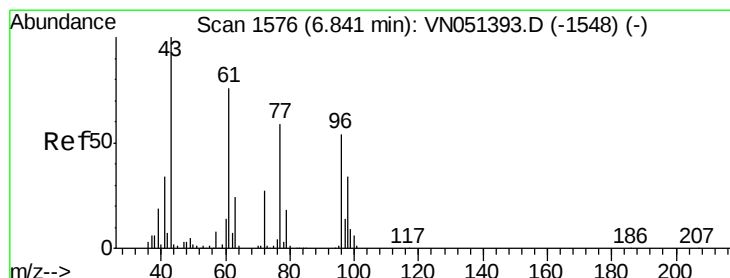
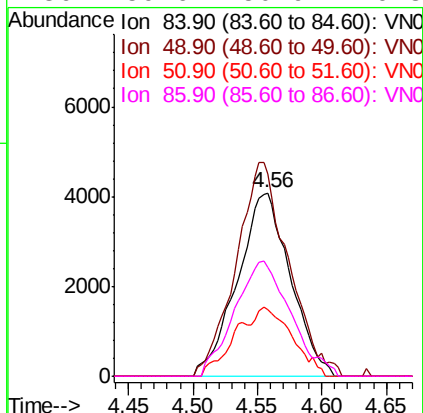
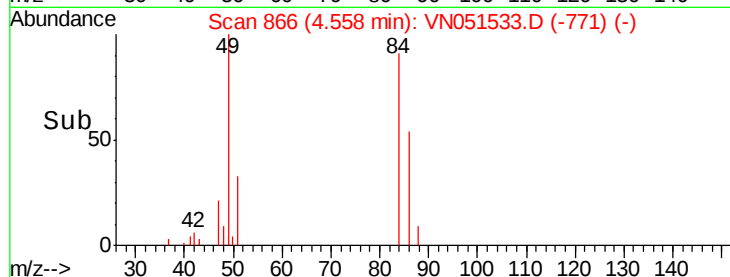
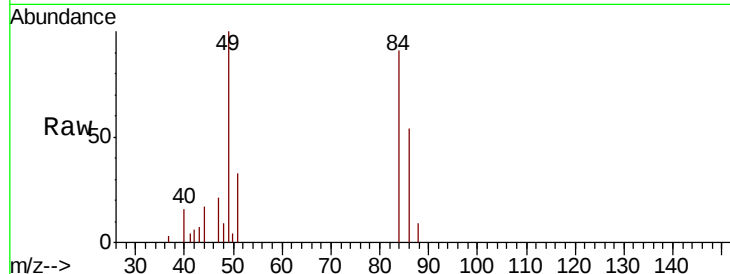
#20
Methylene Chloride
Concen: 1.150 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Instrument :
MSVOA_N
ClientSampleId :
SU-3A-092418

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.1	99.9	149.9
51	36.3	31.4	47.2
86	59.6	50.9	76.3

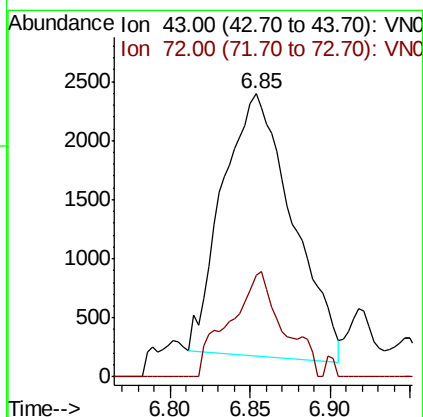
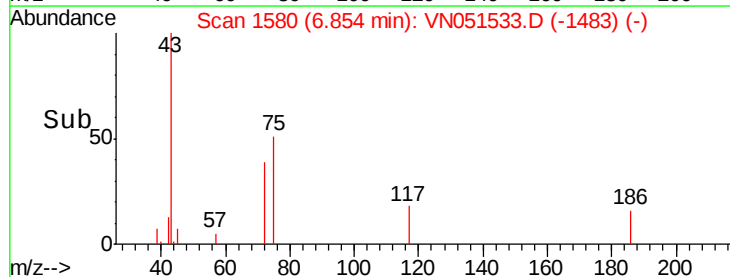
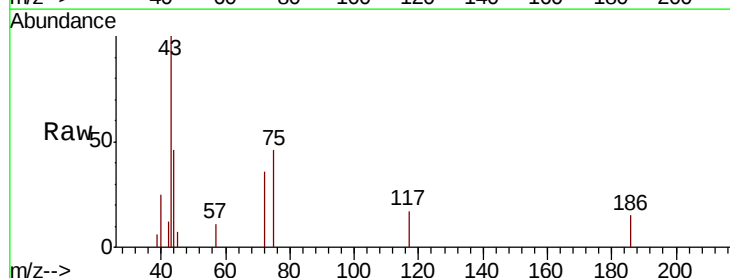
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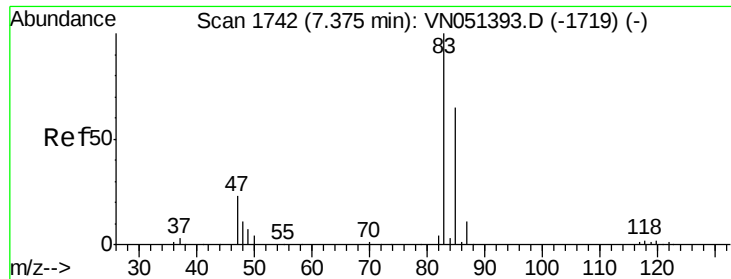
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#25
2-Butanone
Concen: 1.898 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
72	39.6	21.8	32.6#





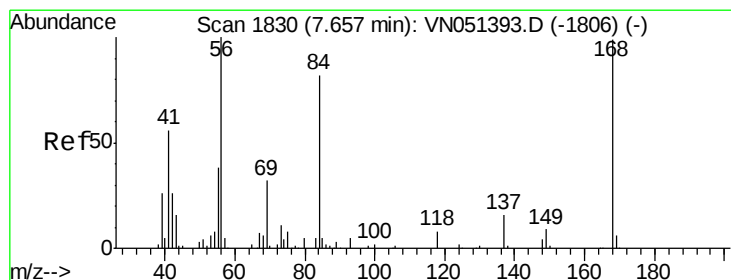
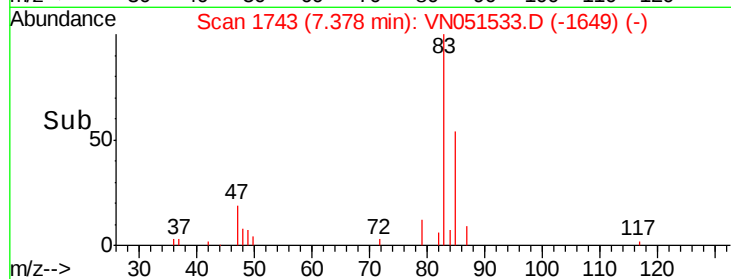
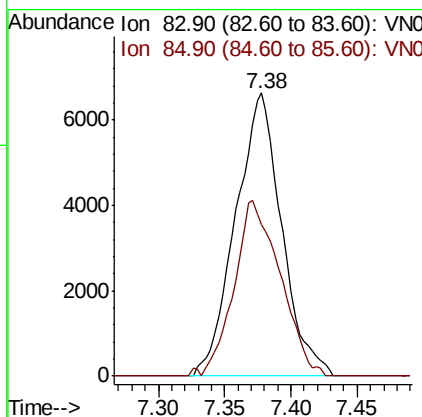
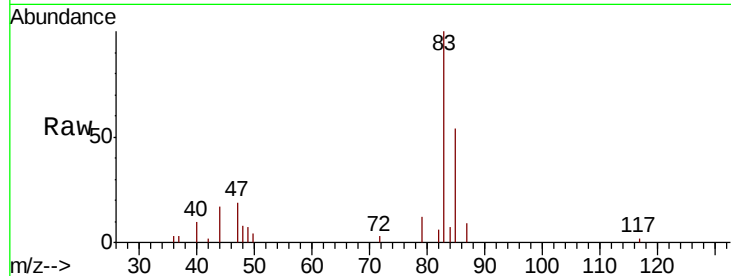
#30
Chloroform
Concen: 0.918 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Instrument :
MSVOA_N
ClientSampleId :
SU-3A-092418

Tgt Ion: 83 Resp: 16020
Ion Ratio Lower Upper
83 100
85 53.6 51.8 77.6

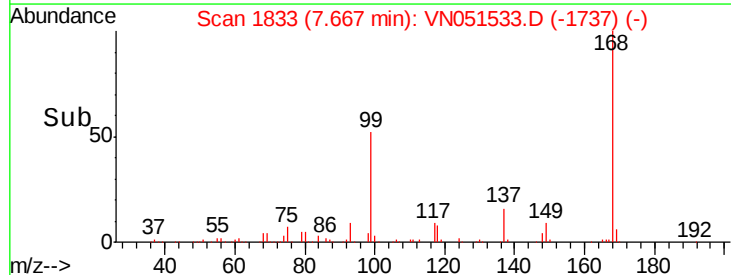
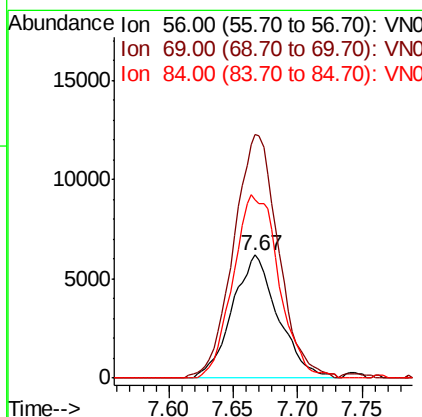
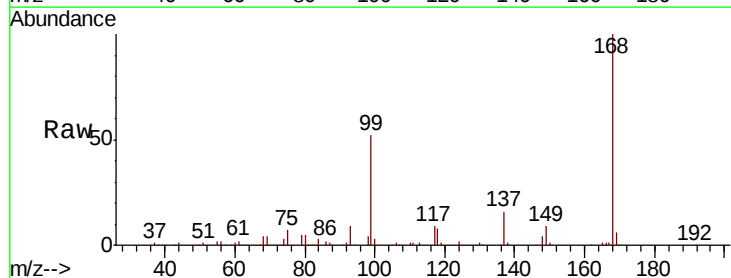
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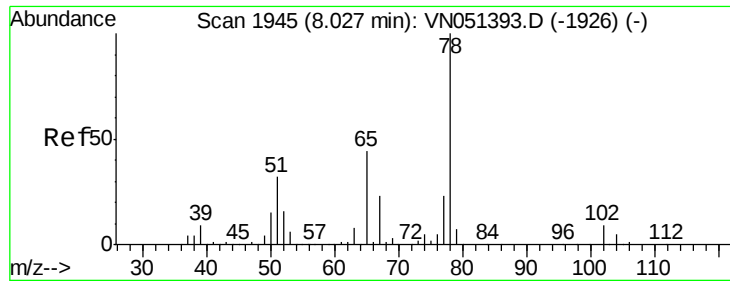
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#31
Cyclohexane
Concen: 0.954 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Tgt Ion: 56 Resp: 15394
Ion Ratio Lower Upper
56 100
69 197.7 25.8 38.6#
84 145.3 66.0 99.0#





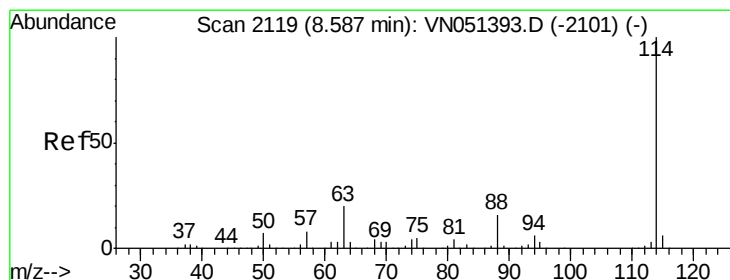
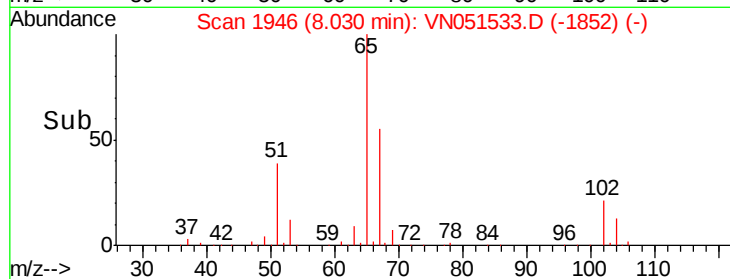
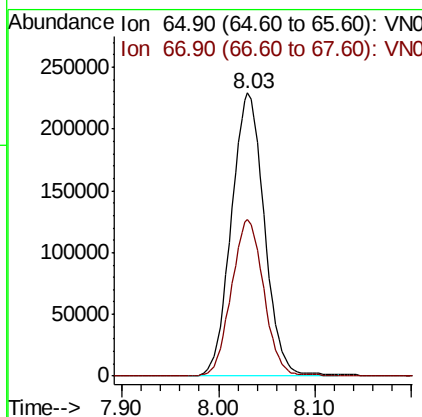
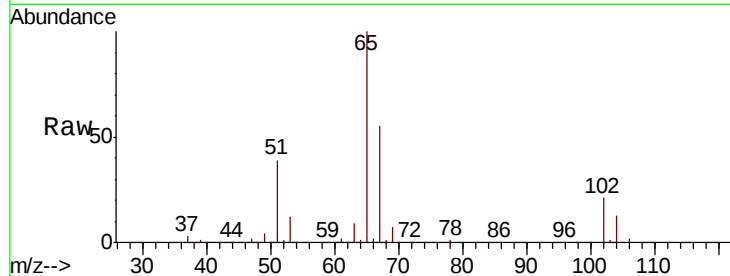
#33
 1,2-Dichloroethane-d4
 Concen: 52.926 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051533.D
 Acq: 26 Sep 2018 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-3A-092418

Tgt Ion: 65 Resp: 542143
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.8

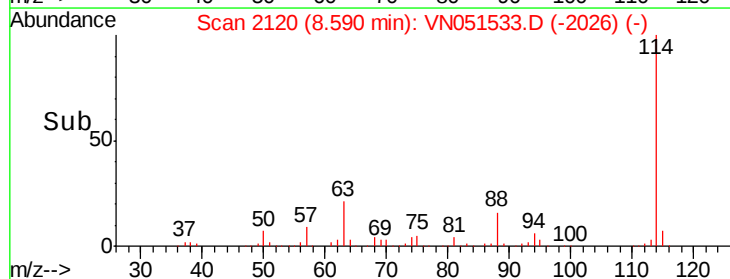
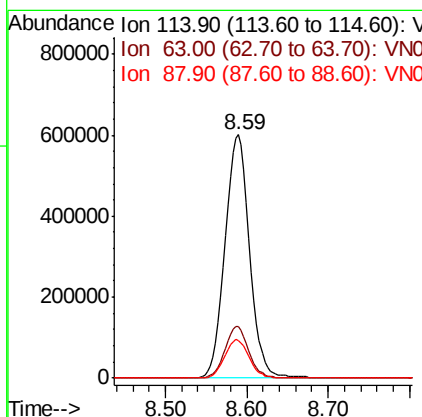
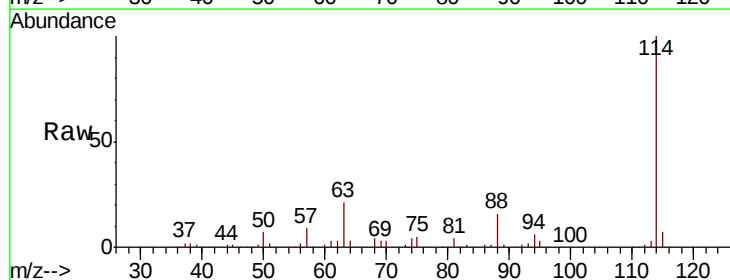
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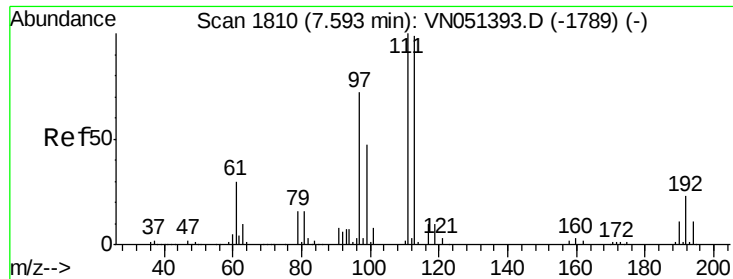
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051533.D
 Acq: 26 Sep 2018 12:48

Tgt Ion: 114 Resp: 1280846
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 15.5 0.0 31.4





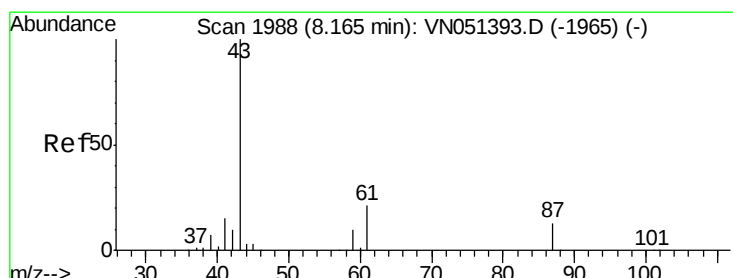
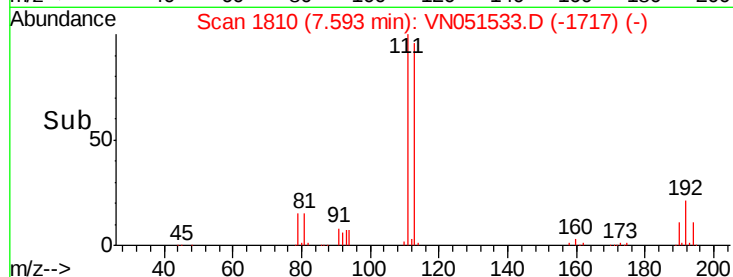
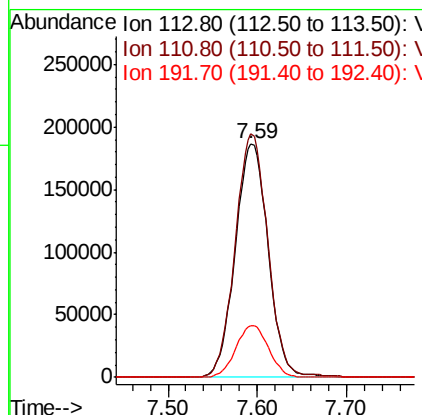
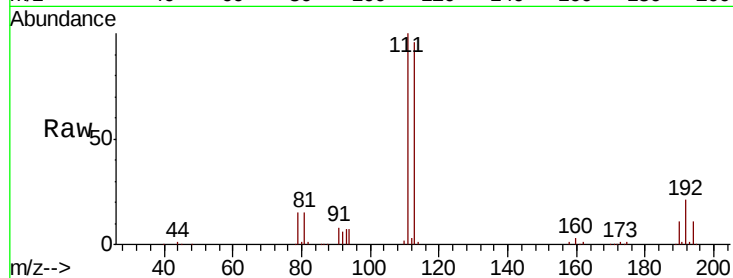
#35
 Dibromofluoromethane
 Concen: 46.680 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051533.D
 Acq: 26 Sep 2018 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-3A-092418

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	478114		
111	103.5	82.6	123.8	
192	22.2	18.0	27.0	

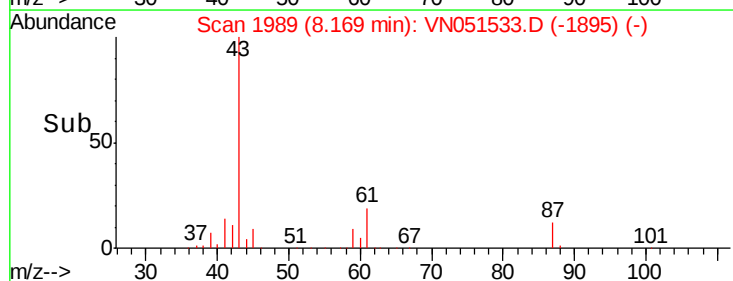
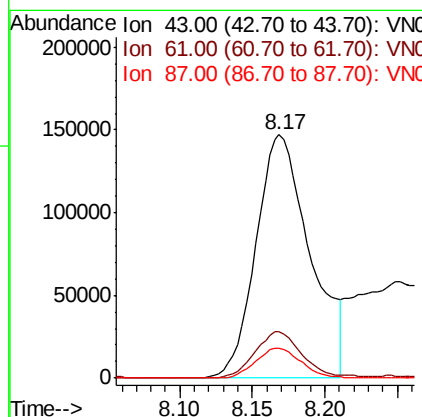
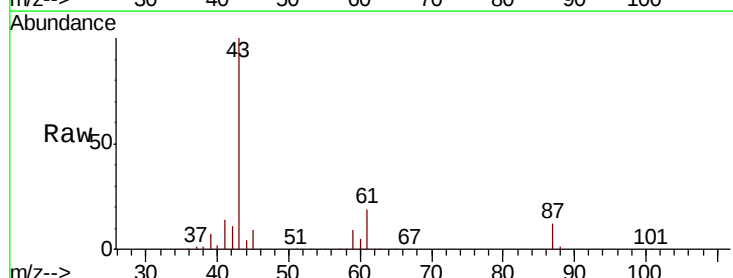
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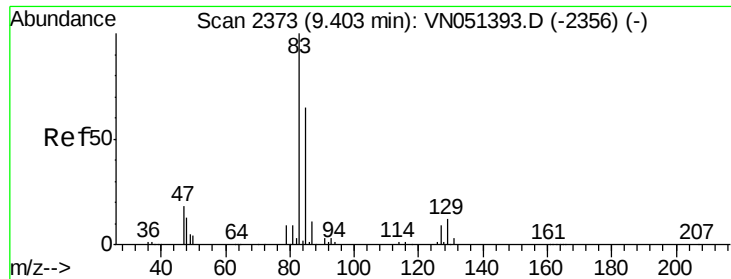
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#43
 Isopropyl Acetate
 Concen: 24.871 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051533.D
 Acq: 26 Sep 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	383536		
61	16.8	16.8	25.2	
87	10.3	10.7	16.1#	





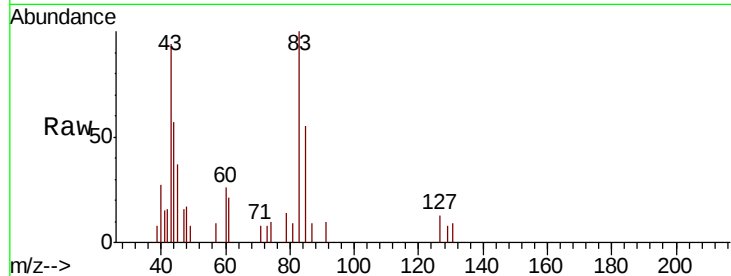
#47
Bromodichloromethane
Concen: 0.318 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Instrument :
MSVOA_N
ClientSampleId :
SU-3A-092418

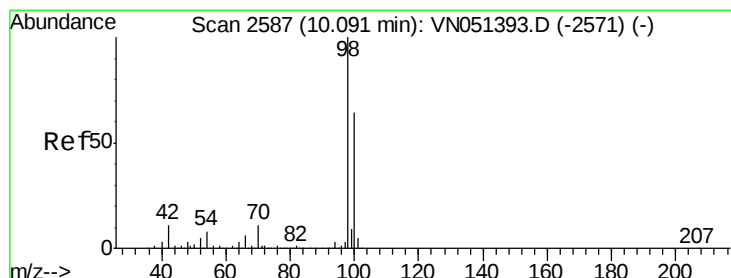
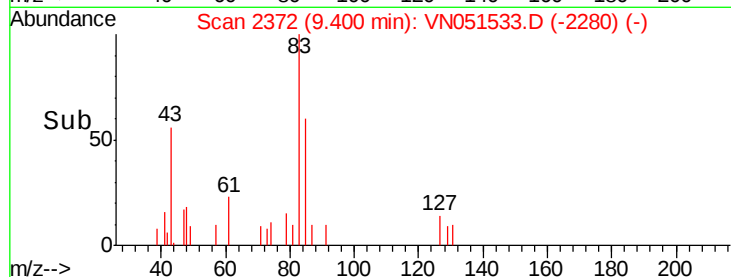
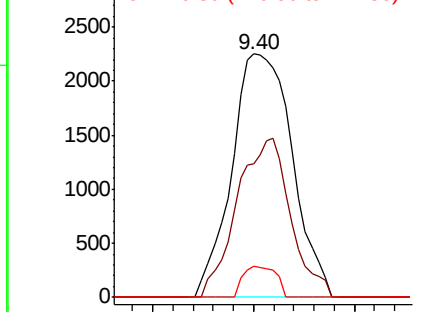
Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.9	51.8	77.6
127	13.0	7.4	11.2

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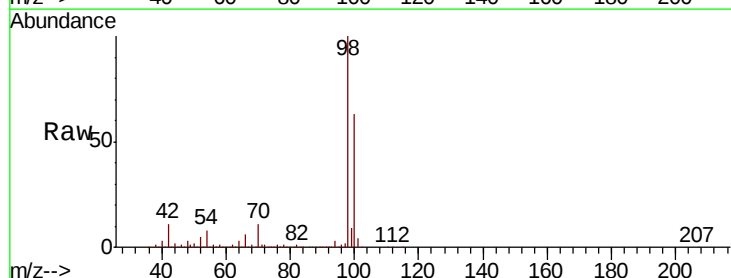


Abundance Ion 82.90 (82.60 to 83.60): VN051533.D (-2356) (-)

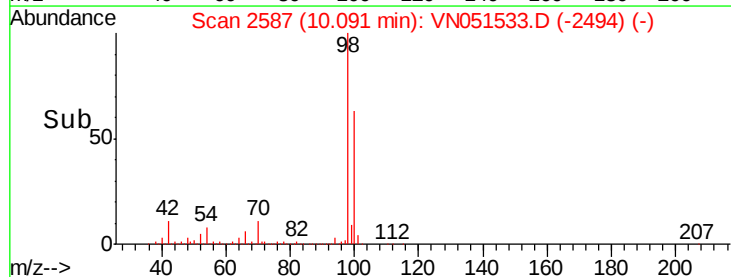
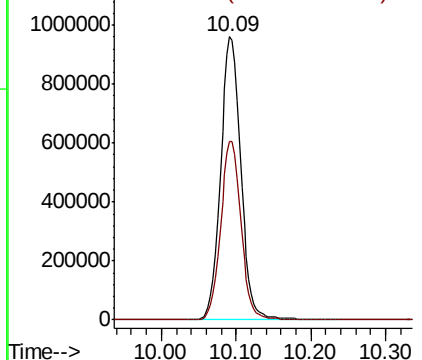


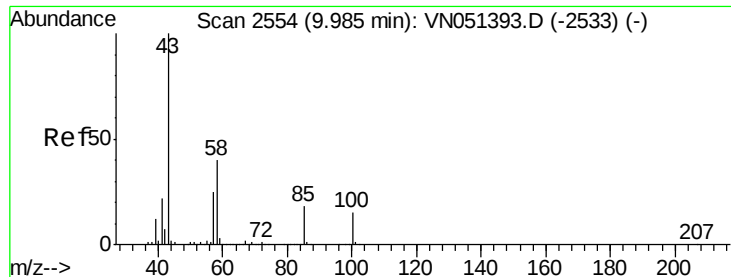
#50
Toluene-d8
Concen: 46.559 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.6	75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051533.D (-2571) (-)





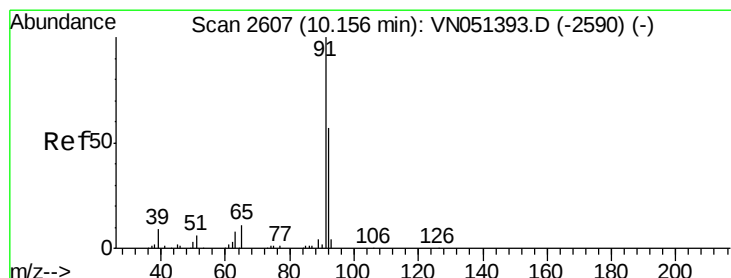
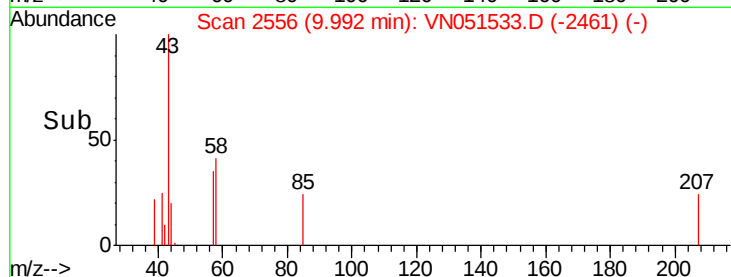
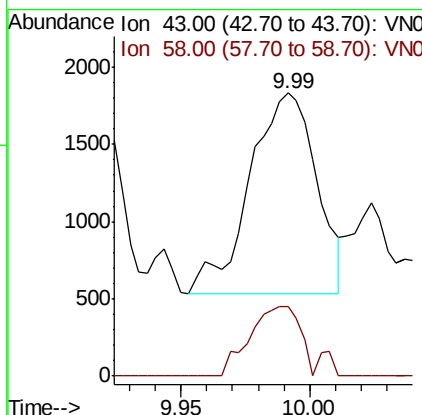
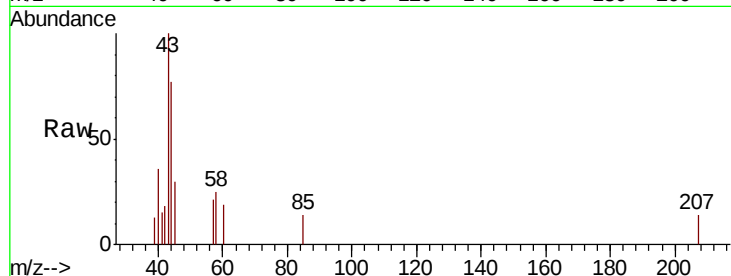
#51
 4-Methyl-2-Pentanone
 Concen: 0.276 ug/l
 RT: 9.99 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: VN051533.D
 Acq: 26 Sep 2018 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-3A-092418

Tgt Ion: 43 Resp: 2341
 Ion Ratio Lower Upper
 43 100
 58 26.1 31.5 47.3#

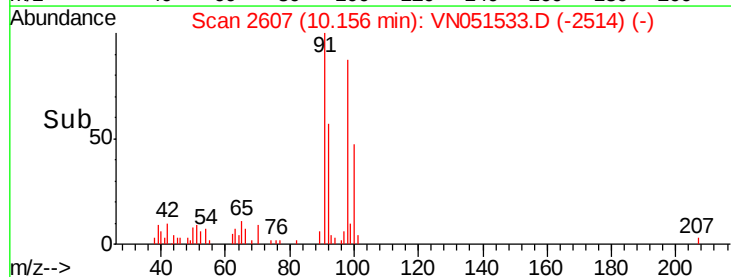
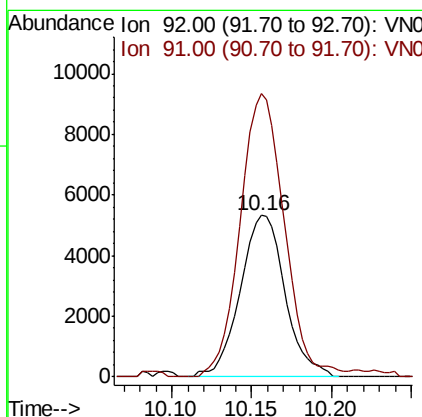
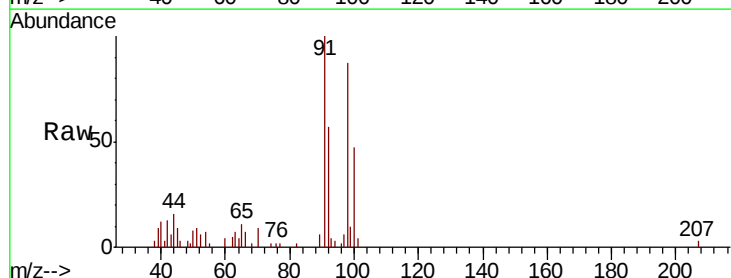
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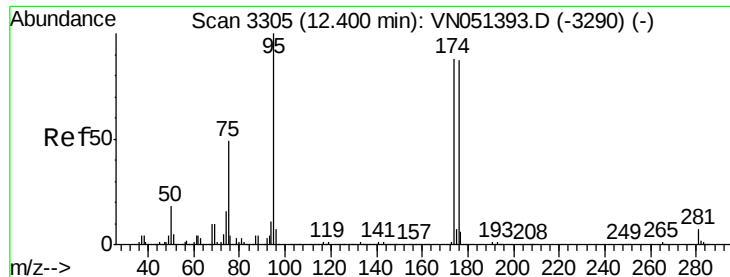
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#52
 Toluene
 Concen: 0.376 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051533.D
 Acq: 26 Sep 2018 12:48

Tgt Ion: 92 Resp: 10180
 Ion Ratio Lower Upper
 92 100
 91 172.7 142.2 213.4





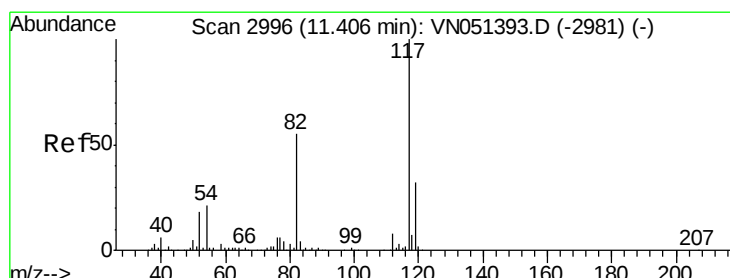
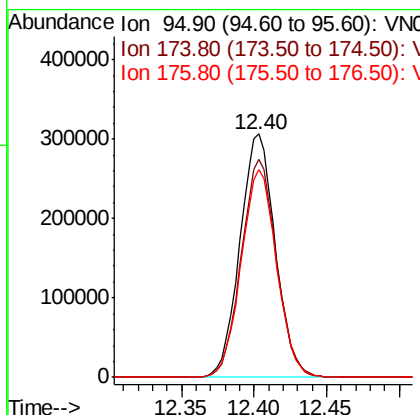
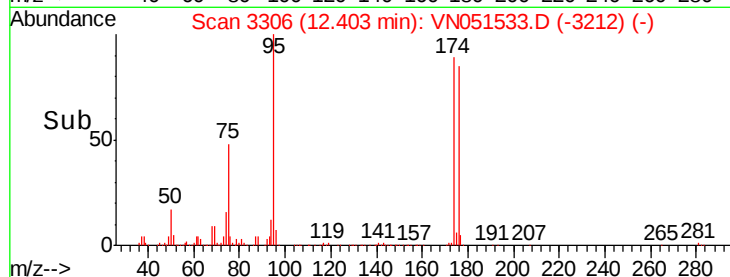
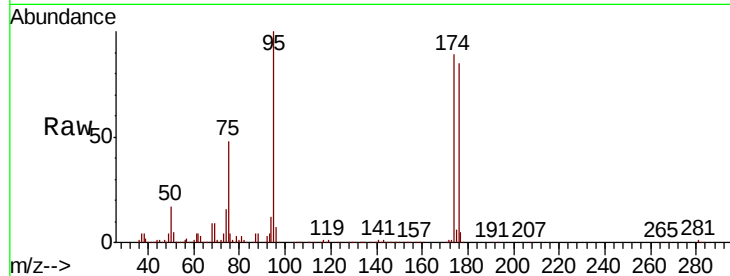
#62
4-Bromofluorobenzene
Concen: 41.592 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Instrument :
MSVOA_N
ClientSampleId :
SU-3A-092418

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	518943		
174	89.3	0.0	181.6	
176	85.6	0.0	176.4	

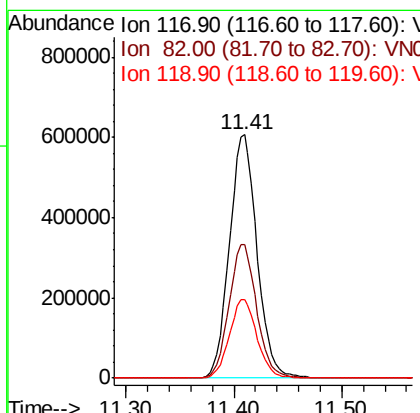
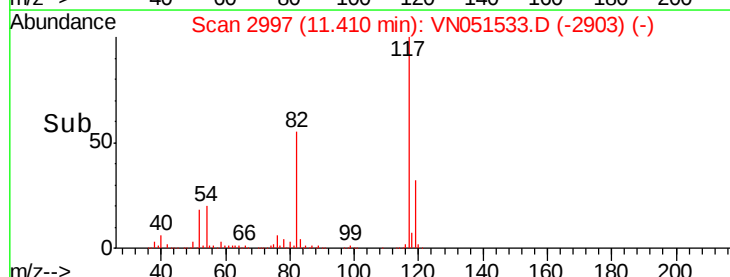
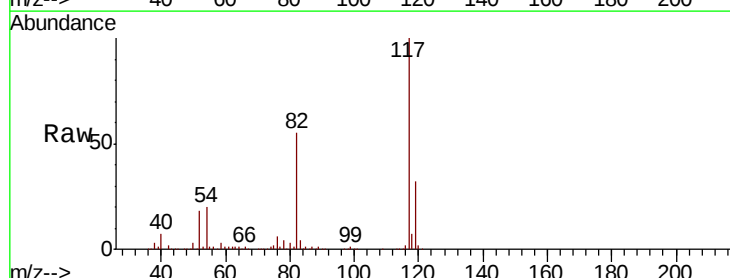
Manual Integrations
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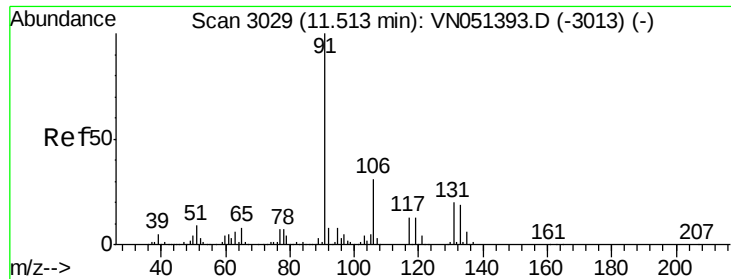
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1082078		
82	54.7	44.2	66.2	
119	32.4	25.9	38.9	





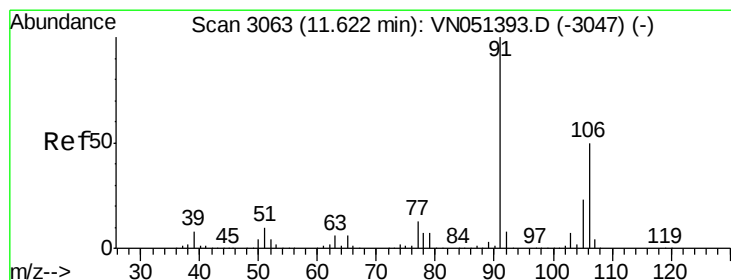
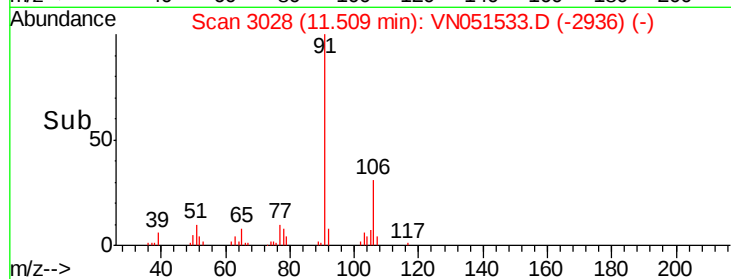
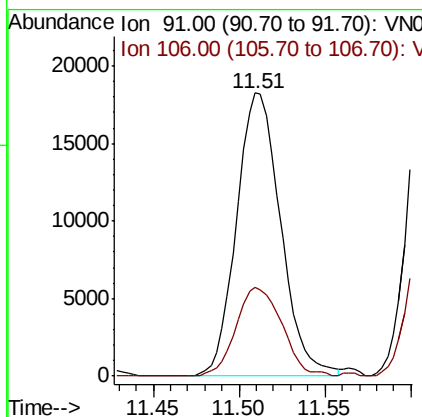
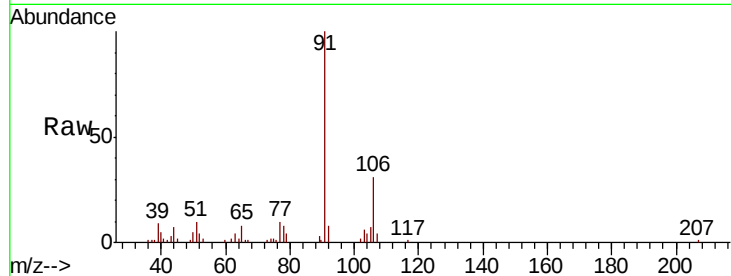
#67
Ethyl Benzene
Concen: 0.695 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Instrument :
MSVOA_N
ClientSampleId :
SU-3A-092418

Tgt Ion: 91 Resp: 32540
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

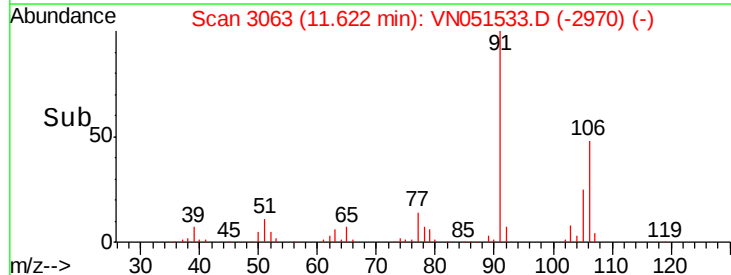
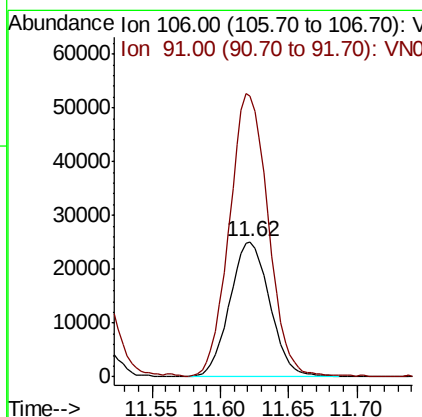
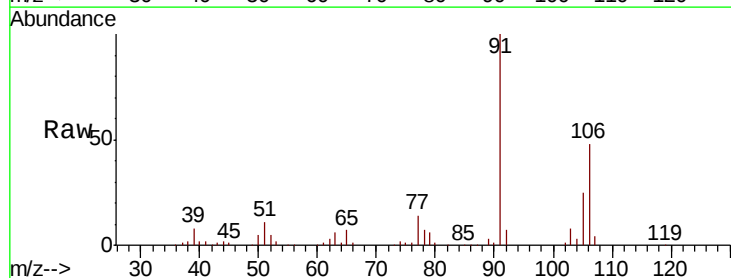
Manual Integrations
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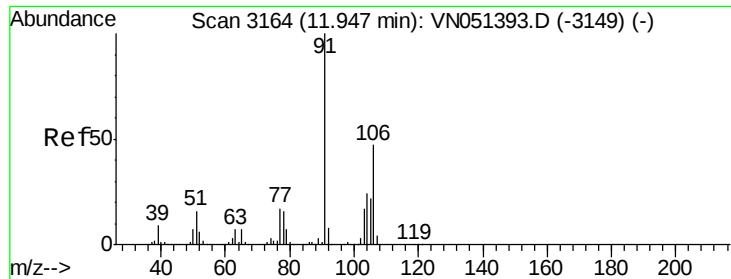
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#68
m/p-Xylenes
Concen: 2.831 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Tgt Ion: 106 Resp: 51239
Ion Ratio Lower Upper
106 100
91 203.3 161.3 241.9





#69

o-Xylene

Concen: 1.262 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN051533.D

Acq: 26 Sep 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

SU-3A-092418

Tgt Ion:106 Resp: 21963

Ion Ratio Lower Upper

106 100

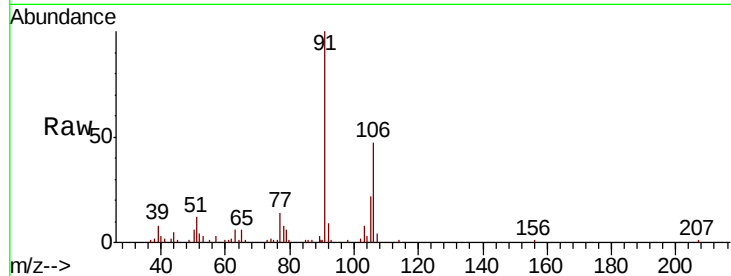
91 217.2 105.3 315.9

Manual Integrations

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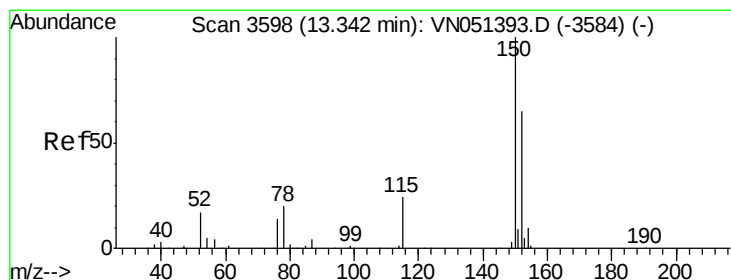
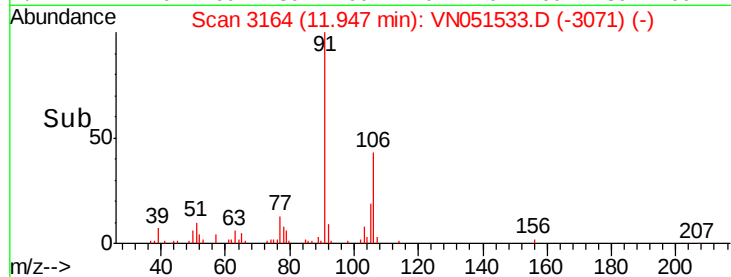
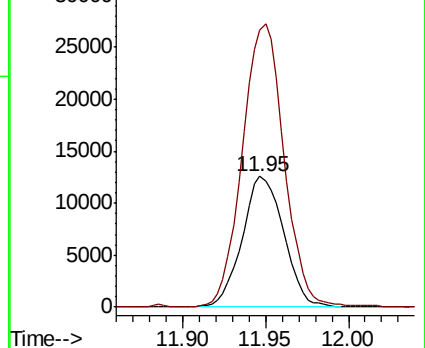
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Abundance Ion 106.00 (105.70 to 106.70): V

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: VN051533.D

Acq: 26 Sep 2018 12:48

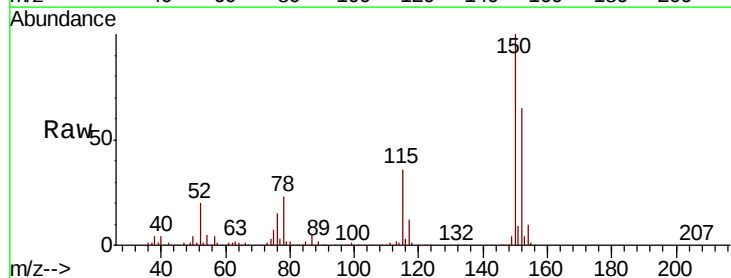
Tgt Ion:152 Resp: 444984

Ion Ratio Lower Upper

152 100

115 55.4 28.3 84.9

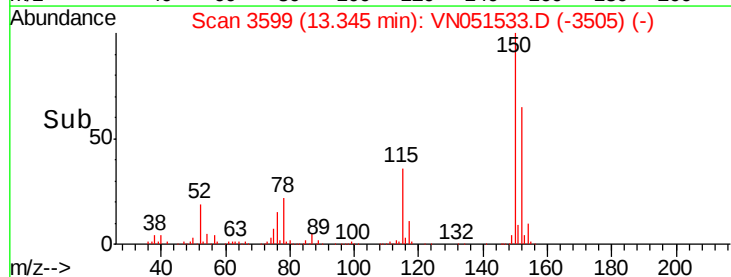
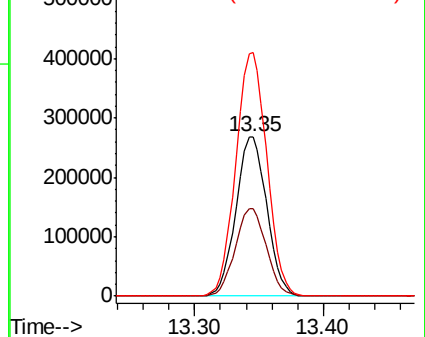
150 154.2 0.0 353.6

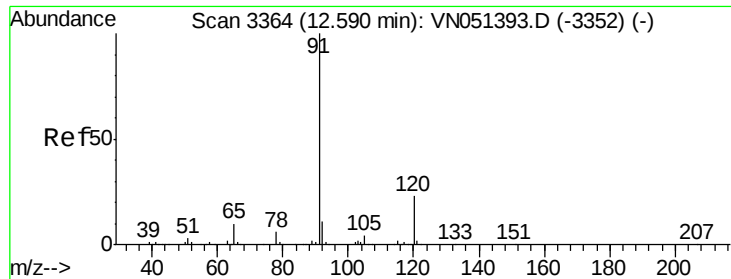


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





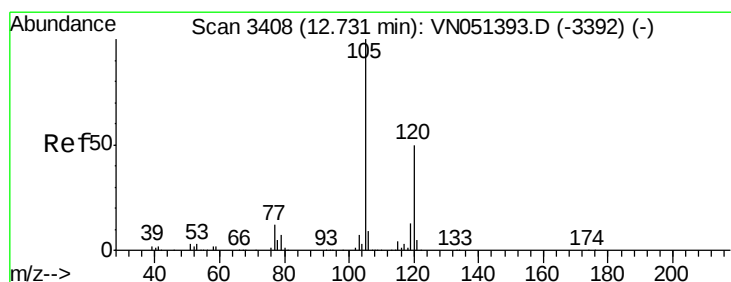
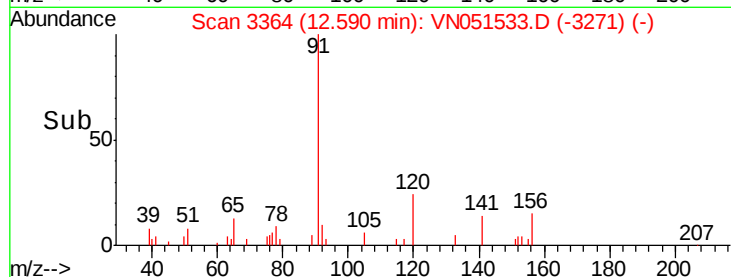
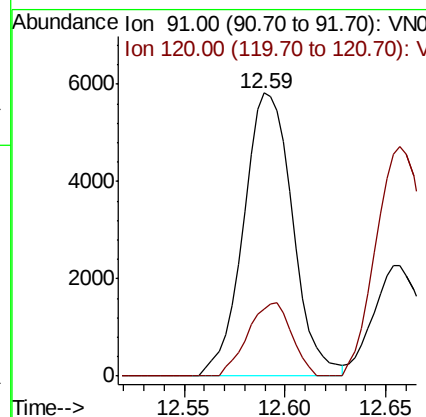
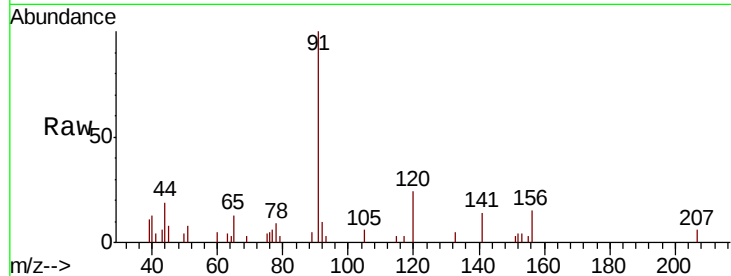
#78
n-propylbenzene
Concen: 0.235 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Instrument :
MSVOA_N
ClientSampleId :
SU-3A-092418

Tgt Ion: 91 Resp: 9953
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5

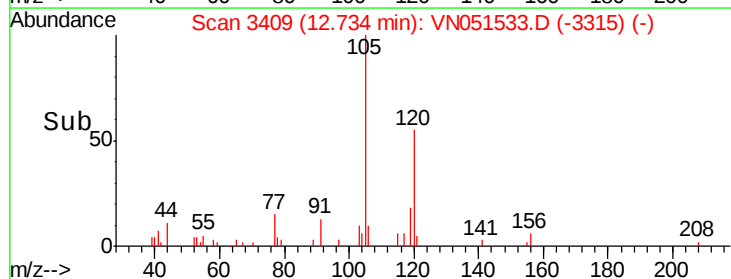
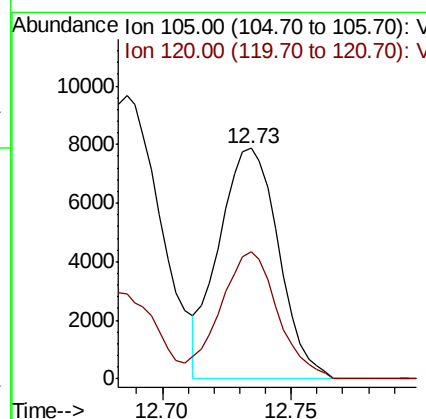
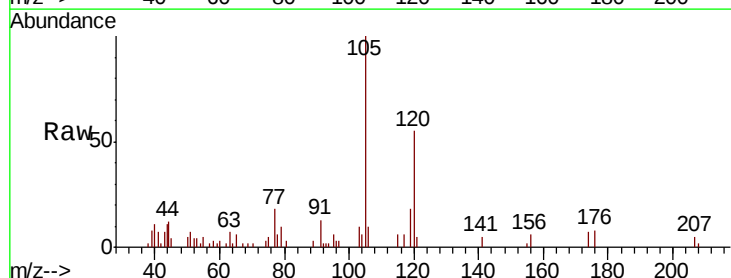
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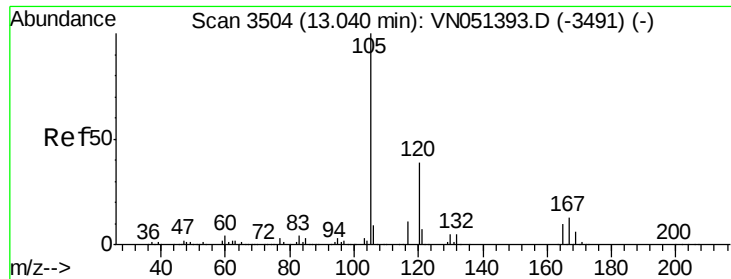
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#80
1,3,5-Trimethylbenzene
Concen: 0.416 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Tgt Ion: 105 Resp: 12721
Ion Ratio Lower Upper
105 100
120 53.3 24.8 74.4





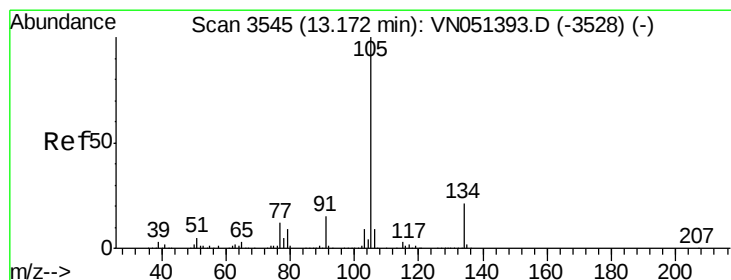
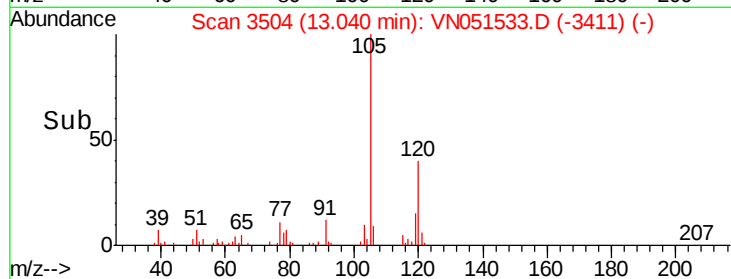
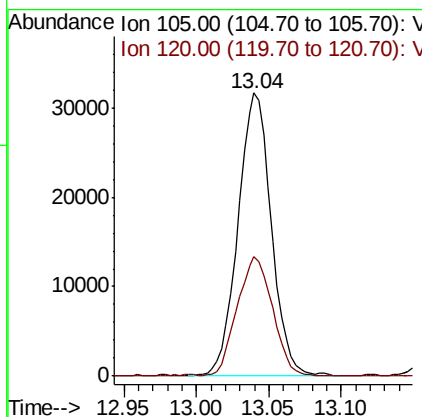
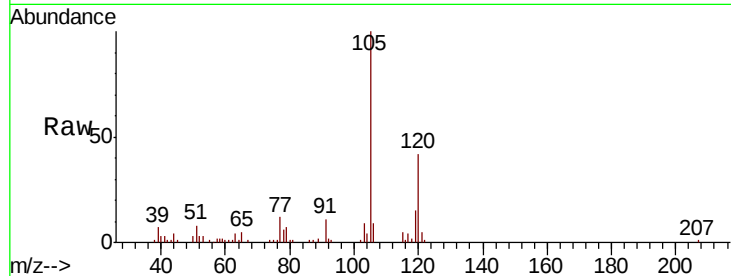
#84
 1,2,4-Trimethylbenzene
 Concen: 1.639 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051533.D
 Acq: 26 Sep 2018 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-3A-092418

Tgt Ion:105 Resp: 50575
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.7

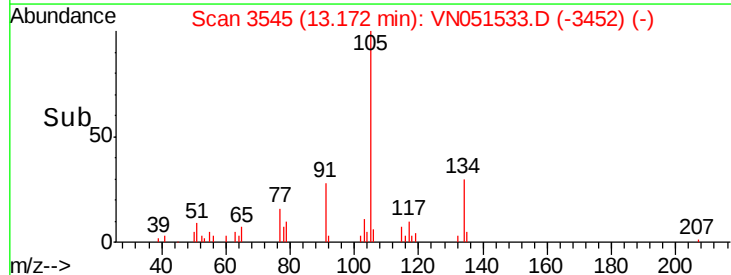
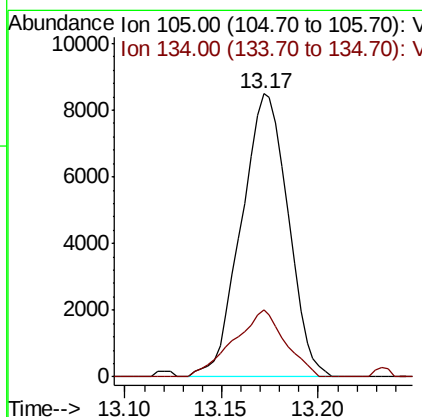
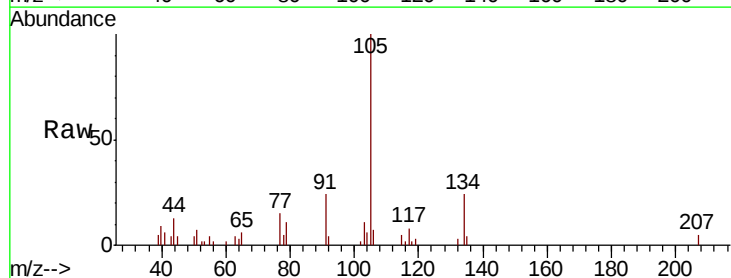
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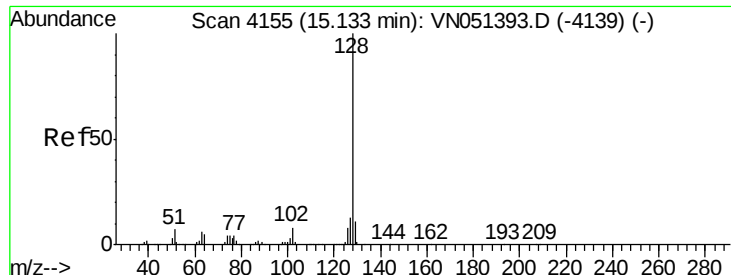
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#85
 sec-Butylbenzene
 Concen: 0.387 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051533.D
 Acq: 26 Sep 2018 12:48

Tgt Ion:105 Resp: 14280
 Ion Ratio Lower Upper
 105 100
 134 26.0 10.4 31.1





#95
Naphthalene
Concen: 15.576 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051533.D
Acq: 26 Sep 2018 12:48

Instrument :
MSVOA_N
ClientSampleId :
SU-3A-092418

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.6	12.8

Manual Integrations
APPROVED

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