

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052970.D
 Acq On : 18 Dec 2018 19:18
 Operator : MD\SY
 Sample : J6347-04ME 20X
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD002-0006-01ME

Manual Integrations
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 12/19/2018 12:07:13 PM

Quant Time: Dec 19 04:40:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1362495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2057829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1826205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	778523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	646482	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
35) Dibromofluoromethane	7.59	113	478121	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.09	98	2502371	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	838078	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	3116	1.149	ug/l	91
39) Methylcyclohexane	9.08	83	22017	0.918	ug/l	98
52) Toluene	10.16	92	22096	0.607	ug/l	98
65) Chlorobenzene	11.43	112	11646	0.288	ug/l	97
67) Ethyl Benzene	11.51	91	17670m	0.254	ug/l	
68) m/p-Xylenes	11.62	106	1063504	40.184	ug/l	99
69) o-Xylene	11.95	106	5529	0.218	ug/l	95
78) n-propylbenzene	12.59	91	19188	0.277	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	26310	0.530	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	73360	1.470	ug/l	100
86) p-Isopropyltoluene	13.29	119	10884	0.212	ug/l	90
88) 1,4-Dichlorobenzene	13.36	146	23687	0.835	ug/l #	68
95) Naphthalene	15.13	128	24940	1.943	ug/l #	95

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

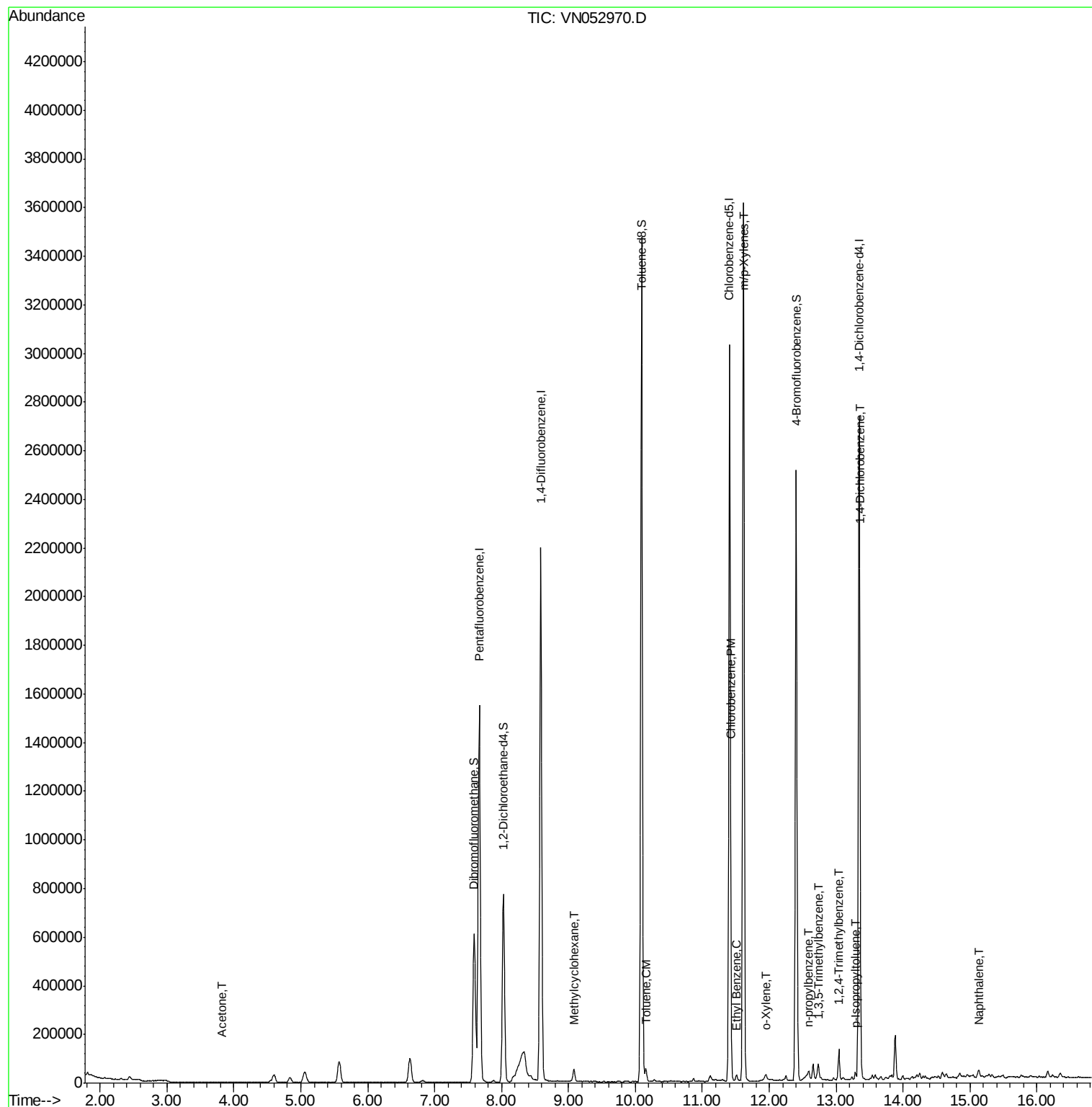
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Data File : VN052970.D
Acq On : 18 Dec 2018 19:18
Operator : MD\SY
Sample : J6347-04ME 20X
Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 28

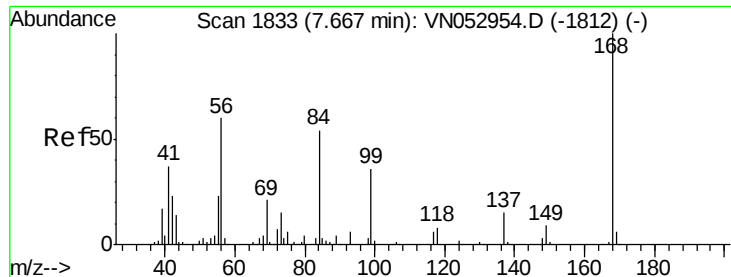
Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

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Quant Time: Dec 19 04:40:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN052970.D

Acq: 18 Dec 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

P001-SD002-0006-01ME

Tgt Ion:168 Resp: 1362495

Ion Ratio Lower Upper

168 100

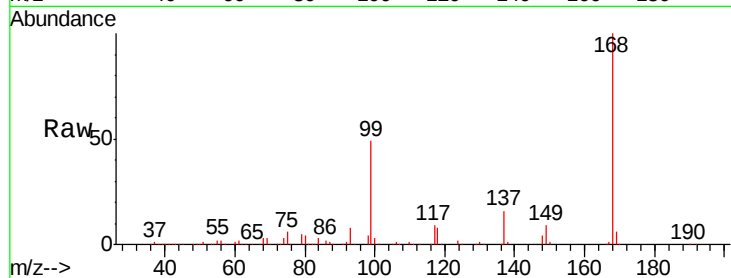
99 48.9 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

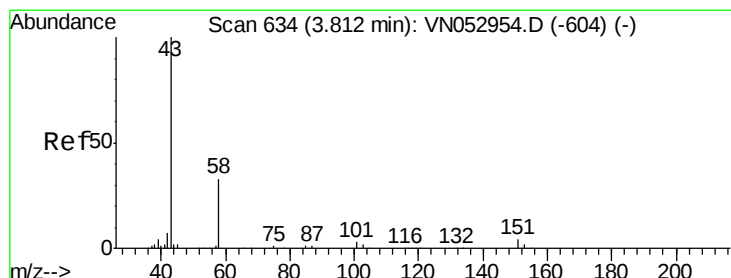
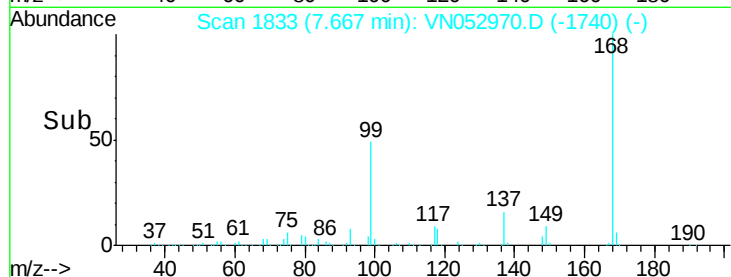
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 1.149 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052970.D

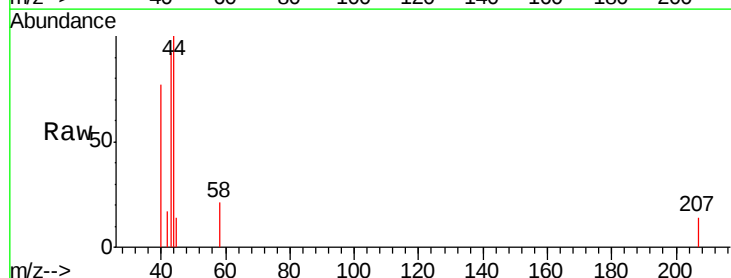
Acq: 18 Dec 2018 19:18

Tgt Ion: 43 Resp: 3116

Ion Ratio Lower Upper

43 100

58 26.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

3.82

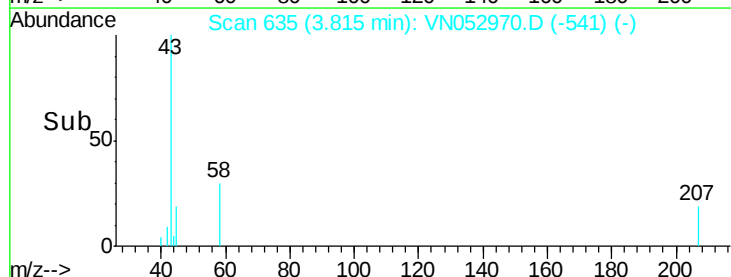
1500

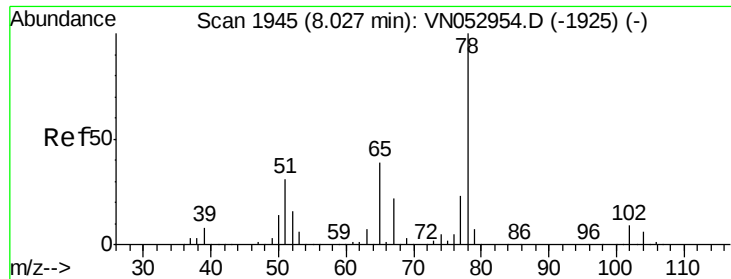
1000

500

0

Time-->





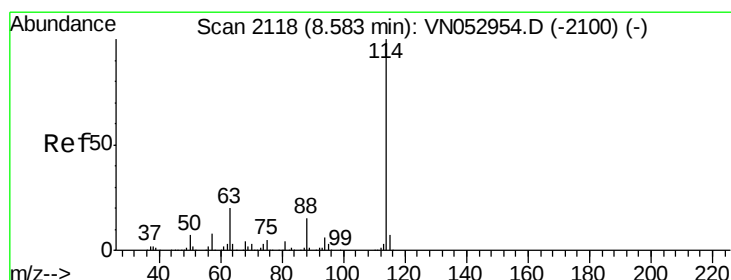
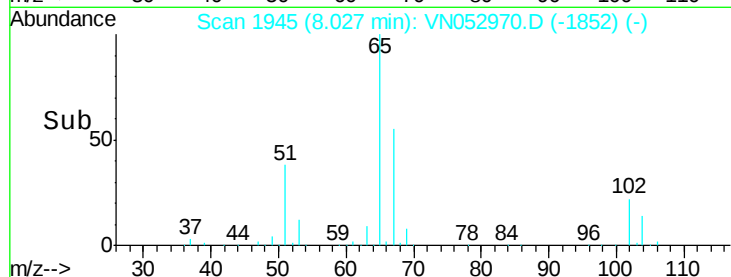
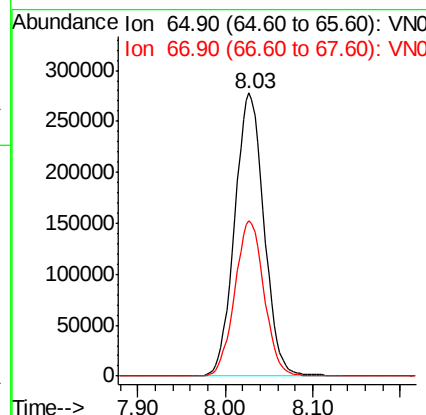
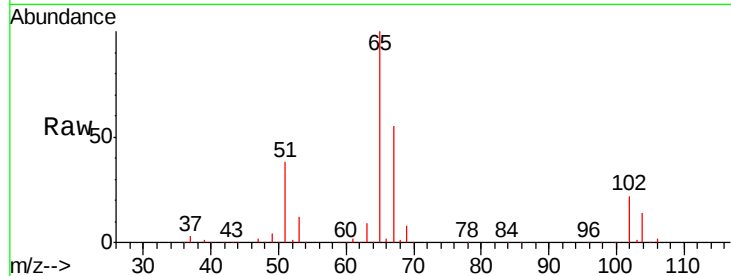
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052970.D
 Acq: 18 Dec 2018 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD002-0006-01ME

Tgt Ion: 65 Resp: 646482
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4

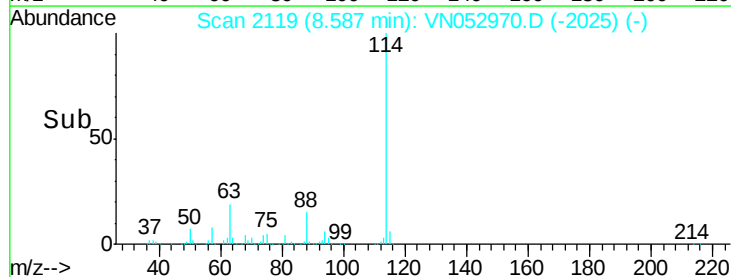
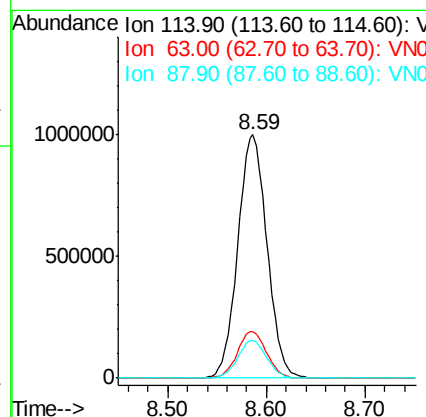
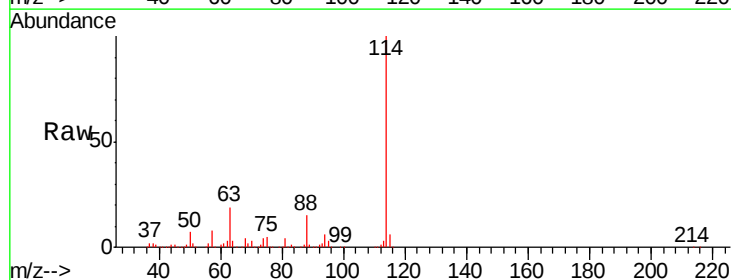
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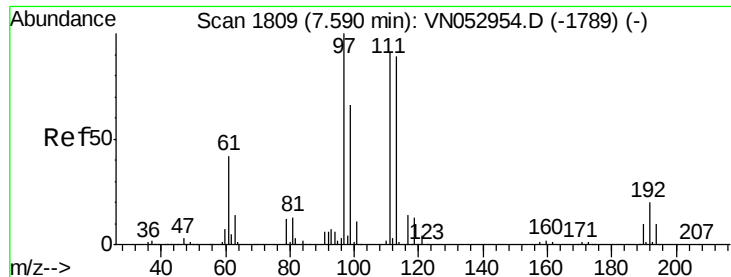
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052970.D
 Acq: 18 Dec 2018 19:18

Tgt Ion: 114 Resp: 2057829
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.4 0.0 31.0





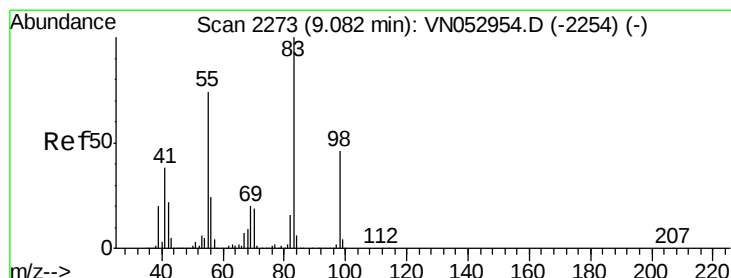
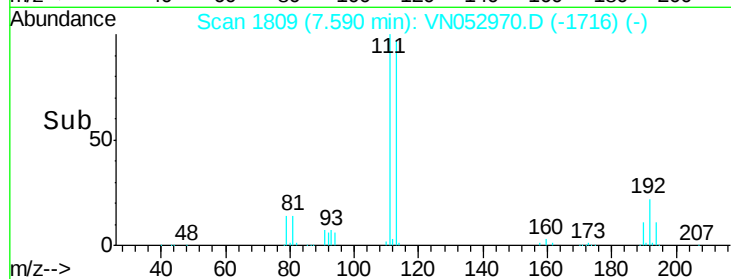
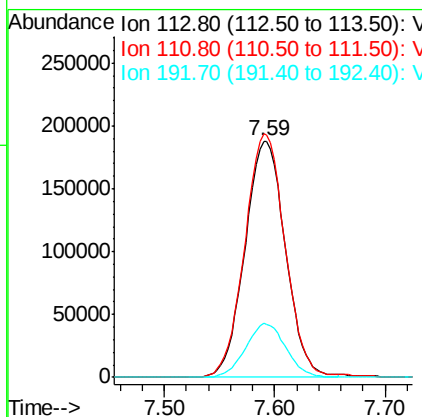
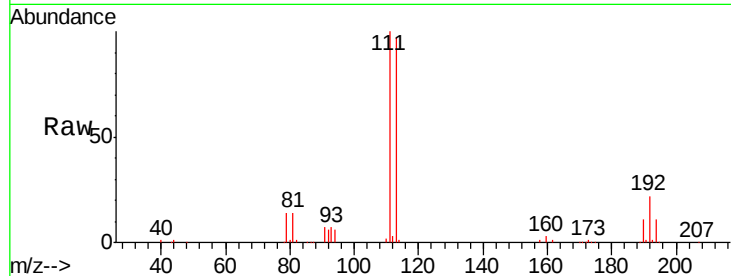
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	478121		
111	103.3	83.0	124.4	
192	22.7	17.5	26.3	

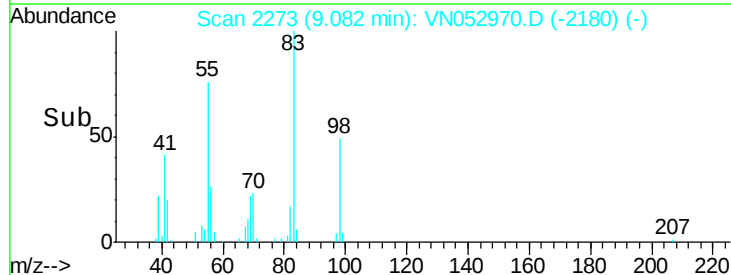
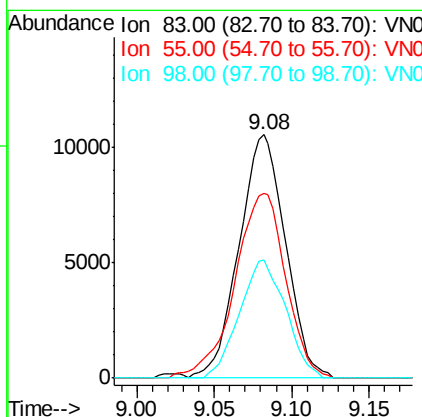
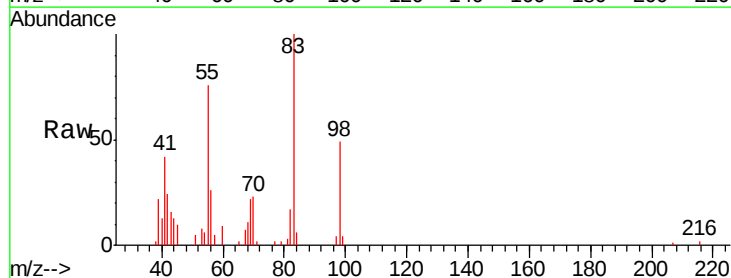
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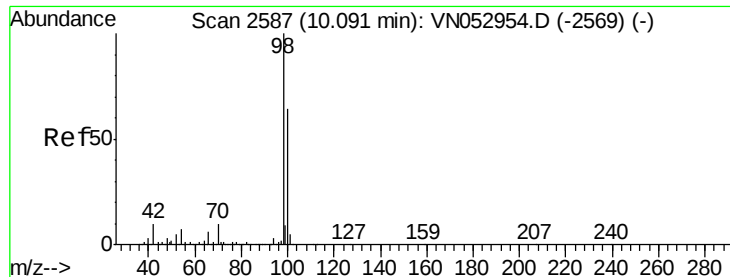
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#39
Methylcyclohexane
Concen: 0.918 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	22017		
55	76.0	61.3	91.9	
98	48.6	37.0	55.4	





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052970.D

Acq: 18 Dec 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

P001-SD002-0006-01ME

Tgt Ion: 98 Resp: 2502371

Ion Ratio Lower Upper

98 100

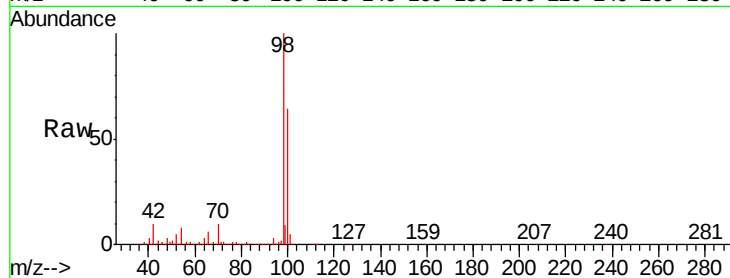
100 64.4 51.6 77.4

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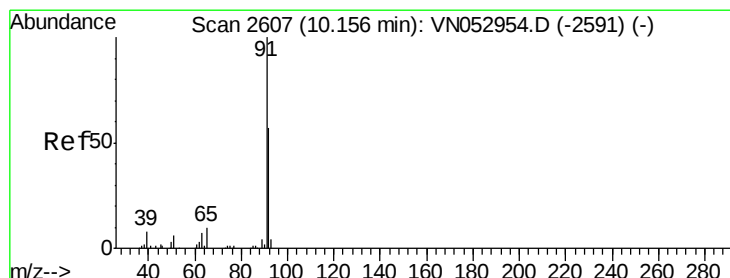
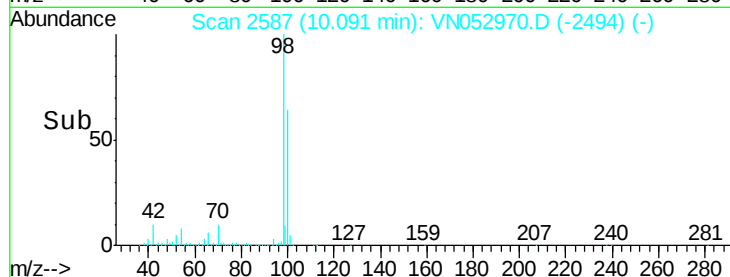
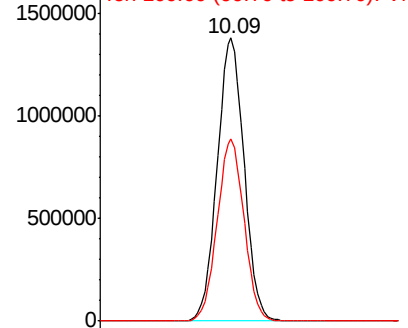
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.607 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052970.D

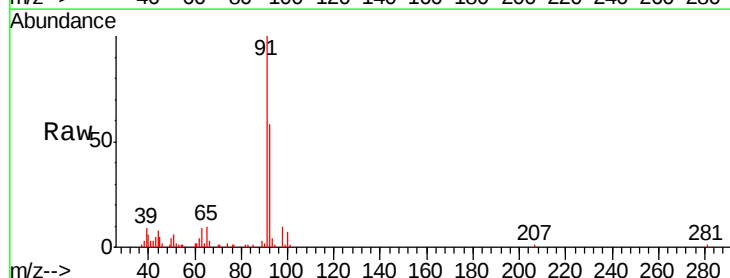
Acq: 18 Dec 2018 19:18

Tgt Ion: 92 Resp: 22096

Ion Ratio Lower Upper

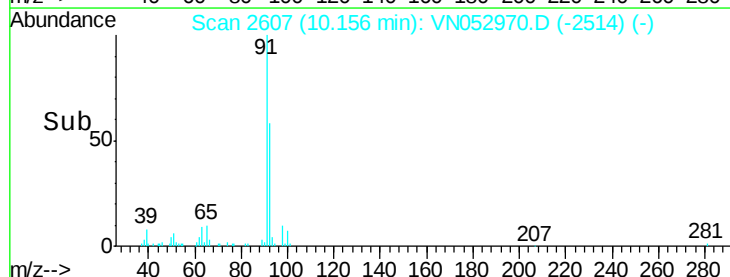
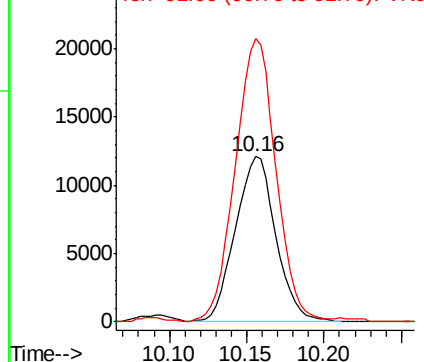
92 100

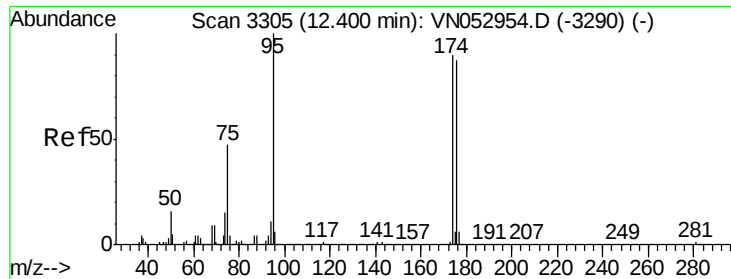
91 171.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





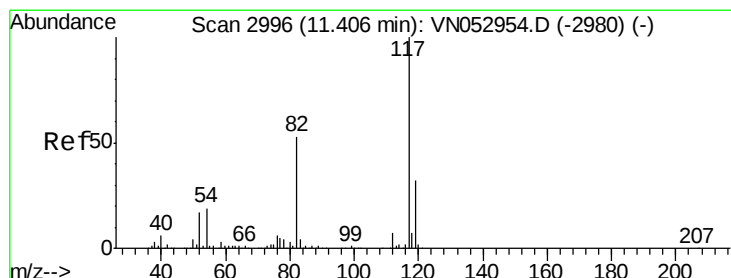
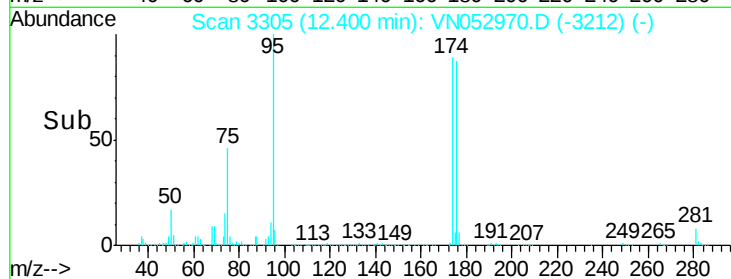
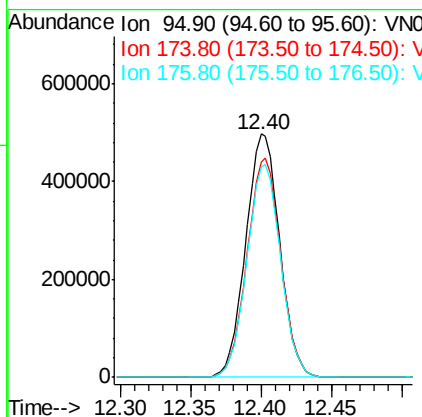
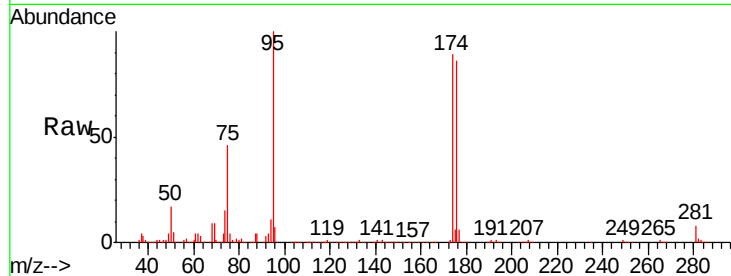
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	838078		
174	89.6	0.0	178.8	
176	87.0	0.0	173.8	

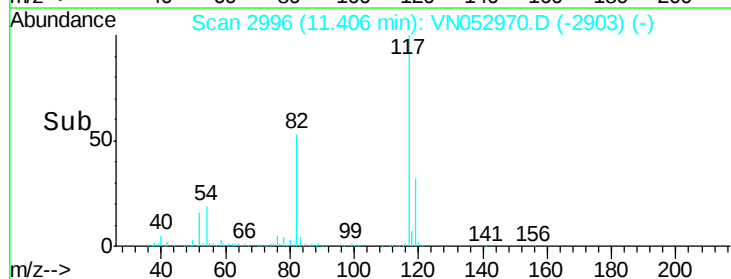
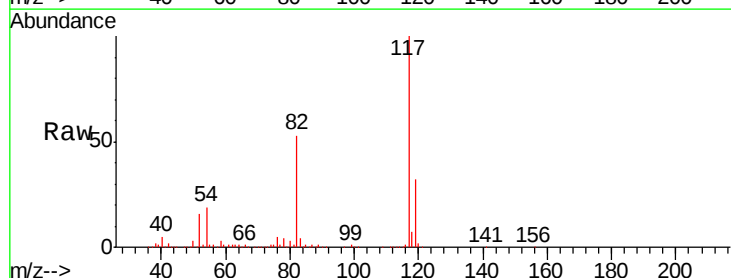
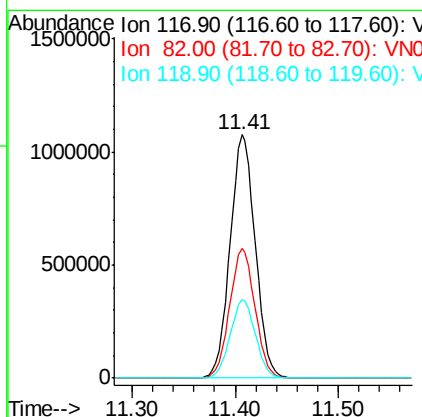
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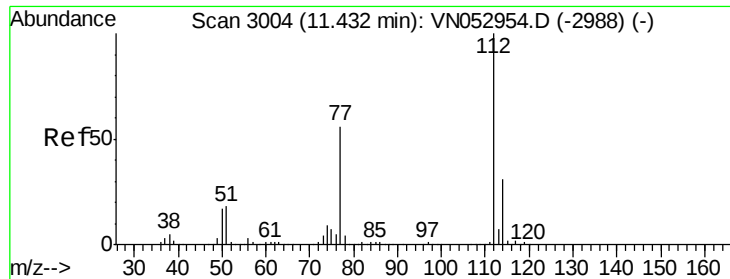
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1826205		
82	53.1	42.8	64.2	
119	32.2	25.5	38.3	





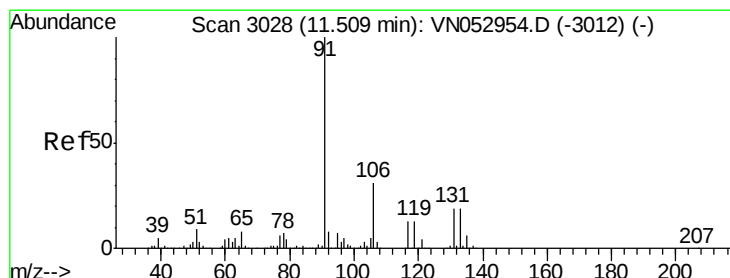
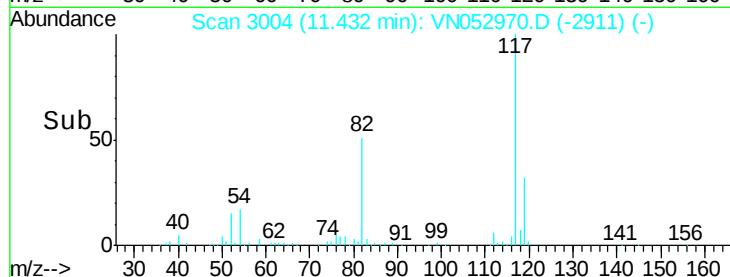
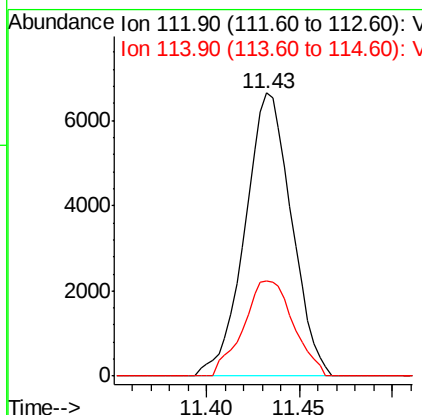
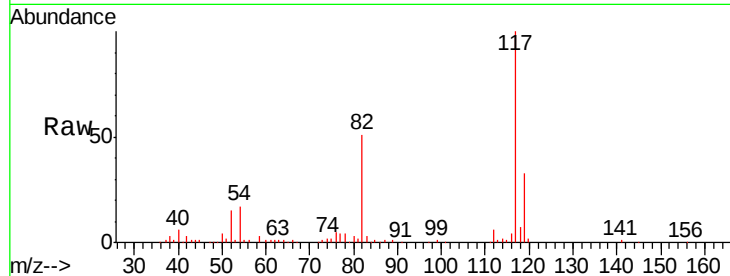
#65
Chlorobenzene
Concen: 0.288 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

Tgt Ion:112 Resp: 11646
Ion Ratio Lower Upper
112 100
114 33.5 25.5 38.3

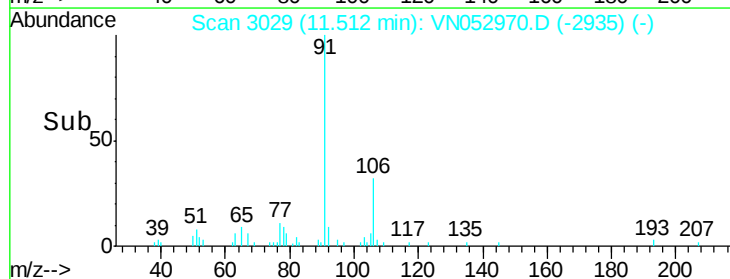
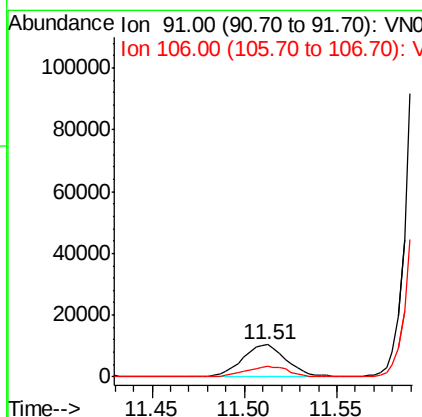
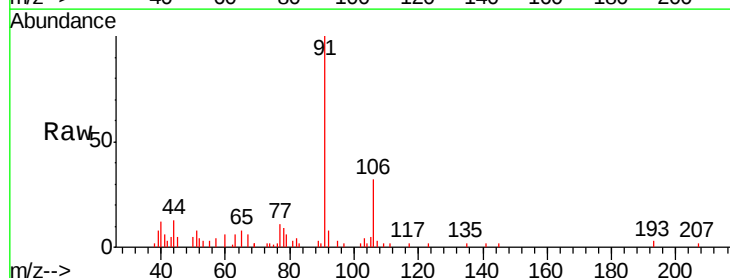
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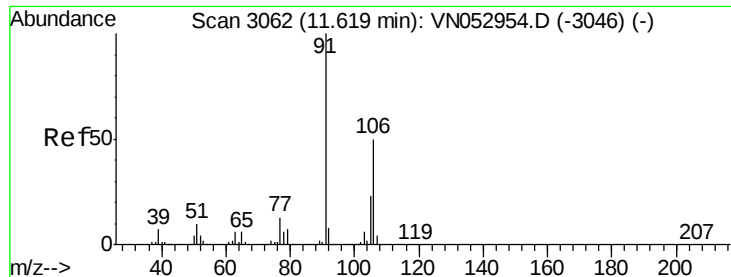
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#67
Ethyl Benzene
Concen: 0.254 ug/l m
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

Tgt Ion: 91 Resp: 17670
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3





#68

m/p-Xylenes

Concen: 40.184 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN052970.D

Acq: 18 Dec 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

P001-SD002-0006-01ME

Tgt Ion:106 Resp: 1063504

Ion Ratio Lower Upper

106 100

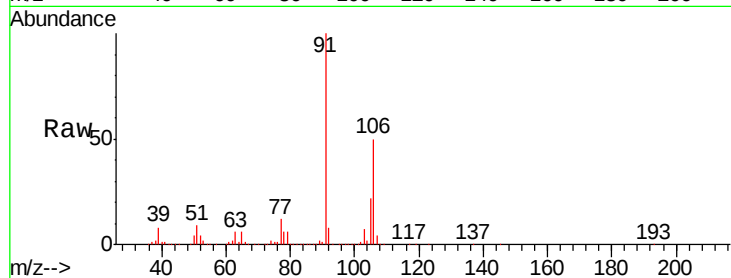
91 201.9 162.2 243.4

Manual Integrations

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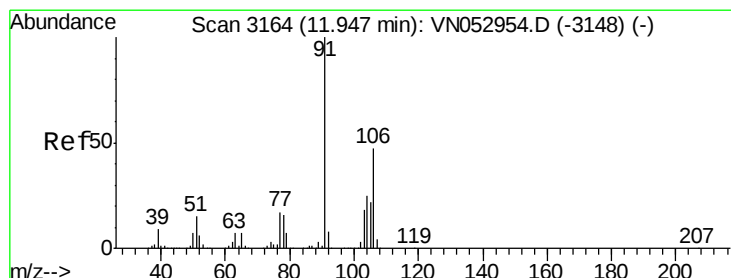
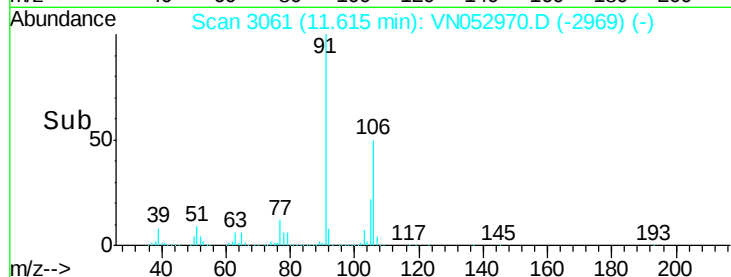
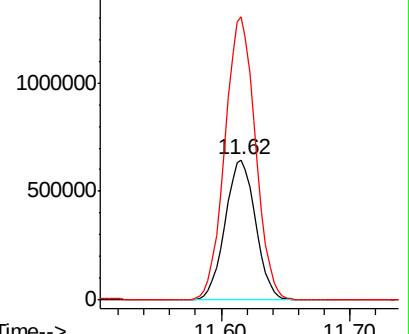
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.218 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN052970.D

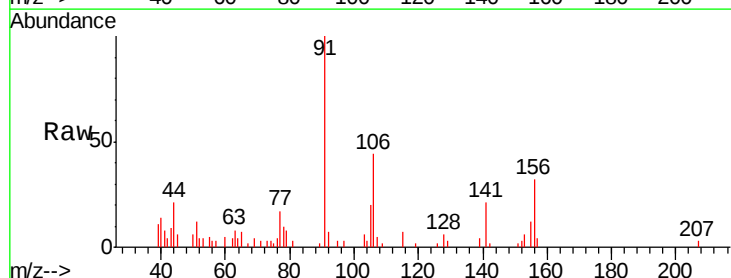
Acq: 18 Dec 2018 19:18

Tgt Ion:106 Resp: 5529

Ion Ratio Lower Upper

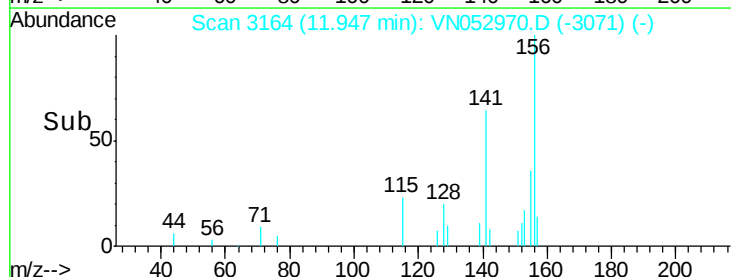
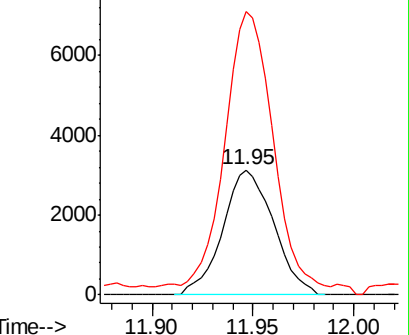
106 100

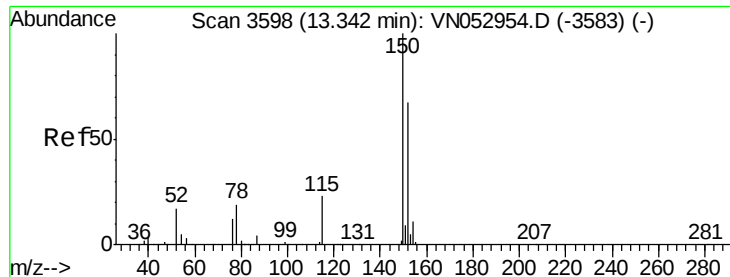
91 205.0 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052970.D

Acq: 18 Dec 2018 19:18

Instrument :

MSVOA_N

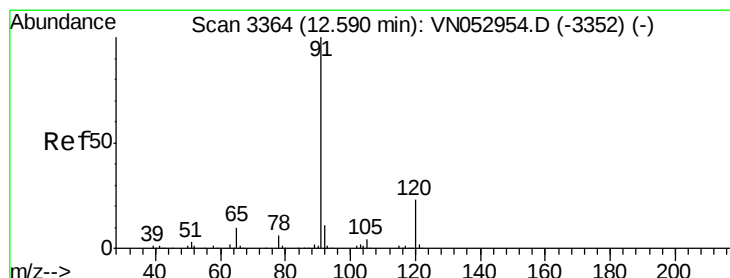
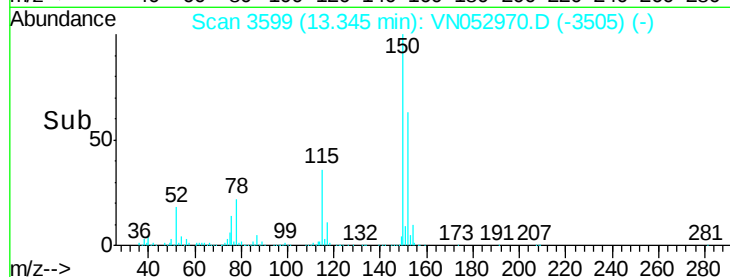
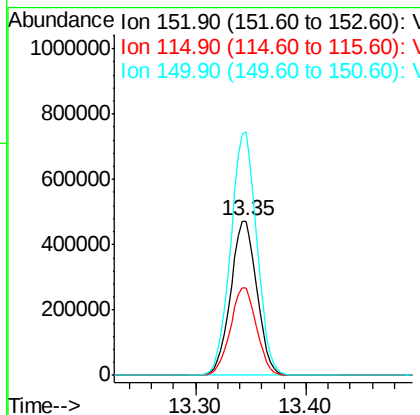
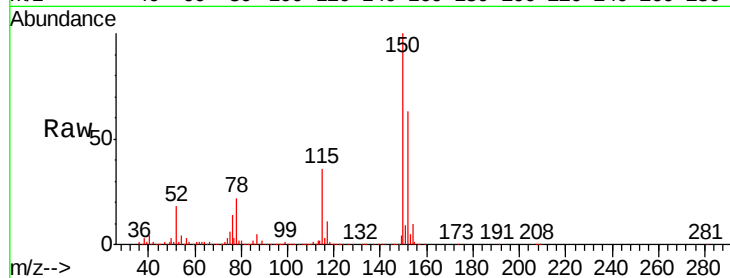
ClientSampleId :

P001-SD002-0006-01ME

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.3	85.0
150	157.0	0.0	347.8

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#78

n-propylbenzene

Concen: 0.277 ug/l

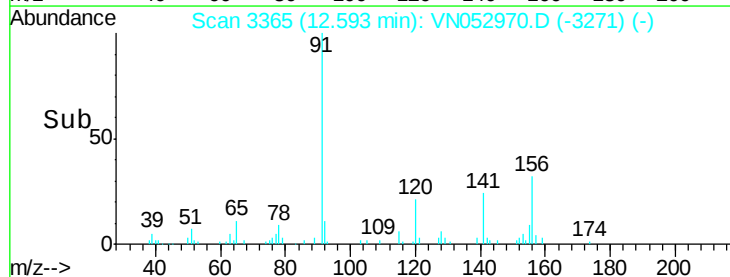
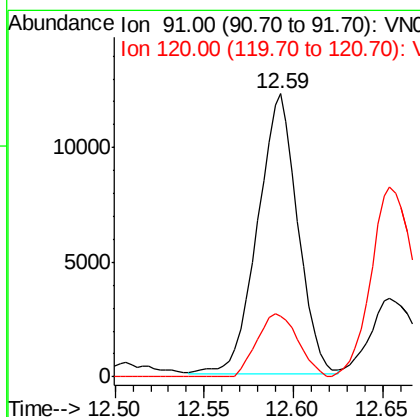
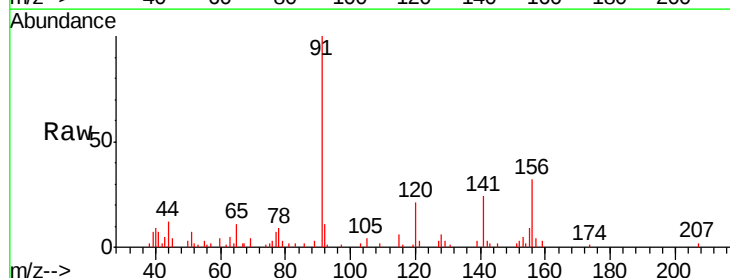
RT: 12.59 min Scan# 3365

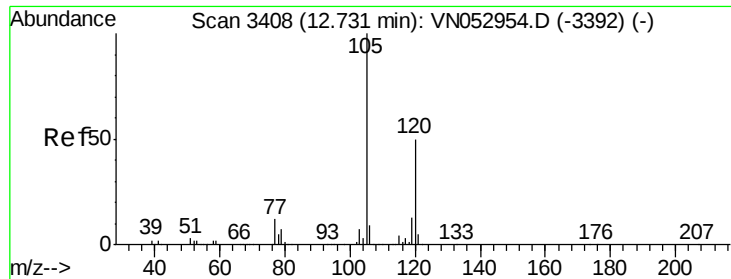
Delta R.T. 0.00 min

Lab File: VN052970.D

Acq: 18 Dec 2018 19:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





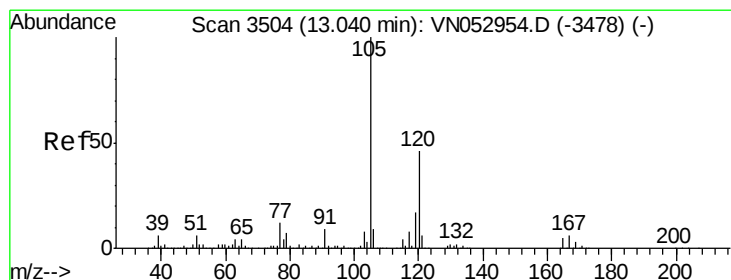
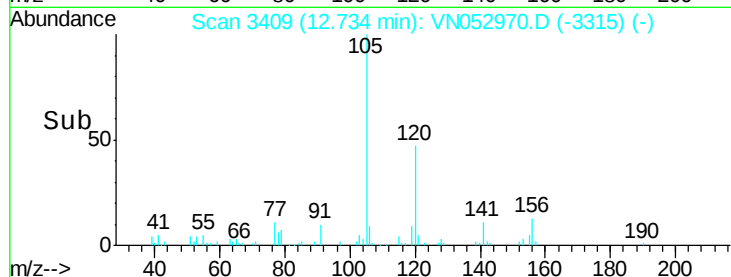
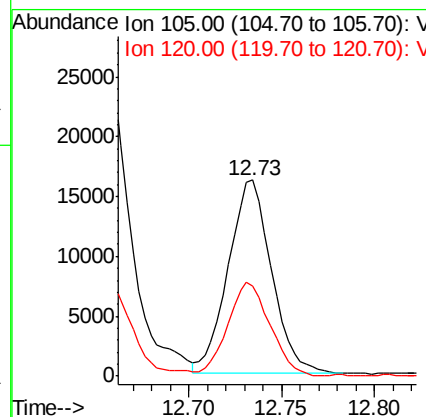
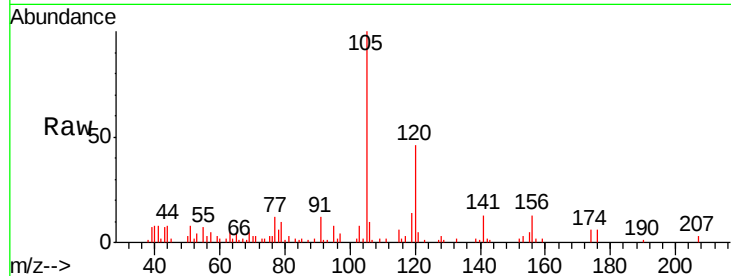
#80
 1,3,5-Trimethylbenzene
 Concen: 0.530 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052970.D
 Acq: 18 Dec 2018 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD002-0006-01ME

Tgt Ion:105 Resp: 26310
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.4 73.2

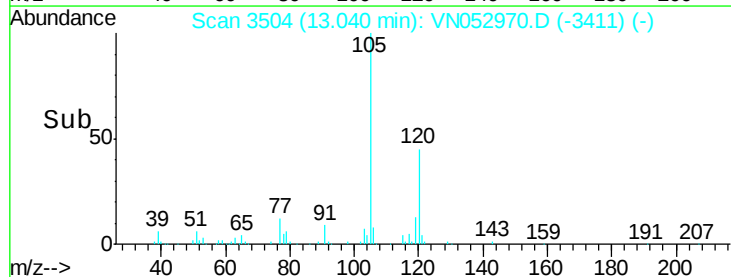
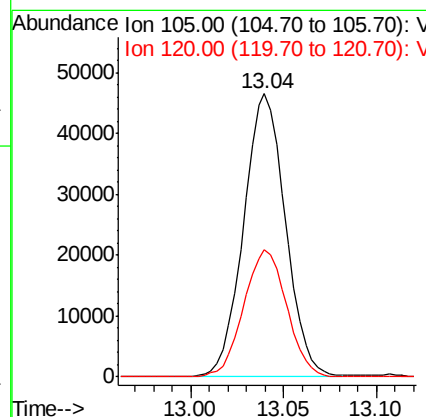
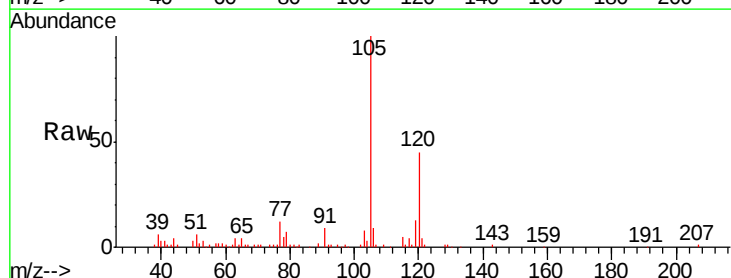
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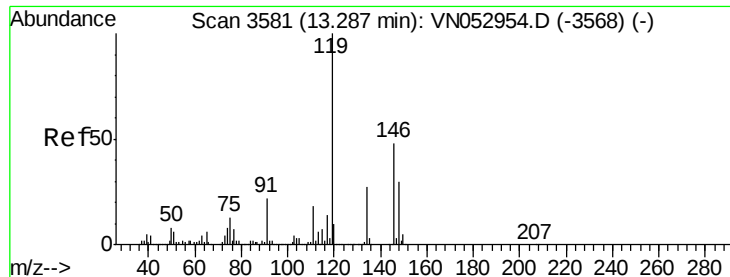
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#84
 1,2,4-Trimethylbenzene
 Concen: 1.470 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052970.D
 Acq: 18 Dec 2018 19:18

Tgt Ion:105 Resp: 73360
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





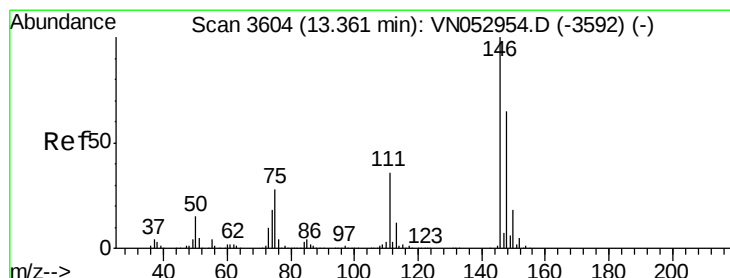
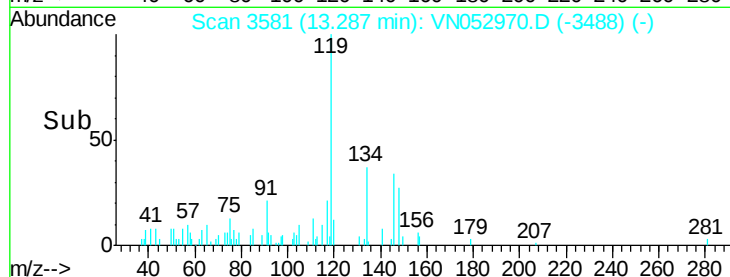
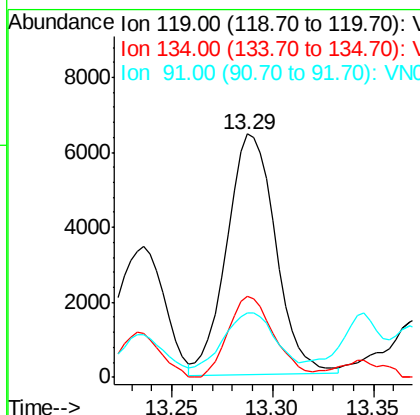
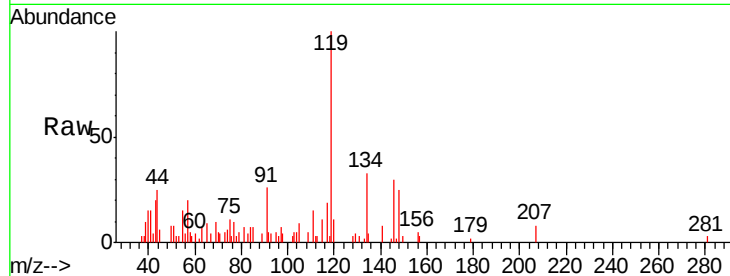
#86
p-Isopropyltoluene
Concen: 0.212 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.6	13.4	40.2
91	26.9	11.1	33.3

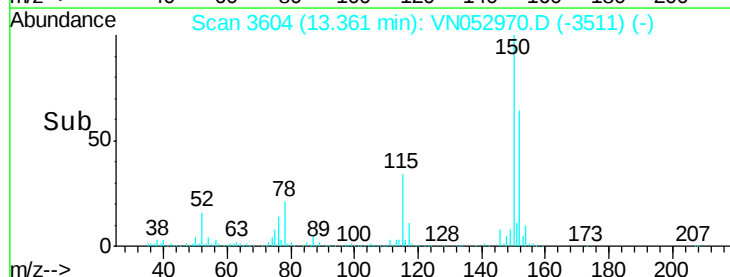
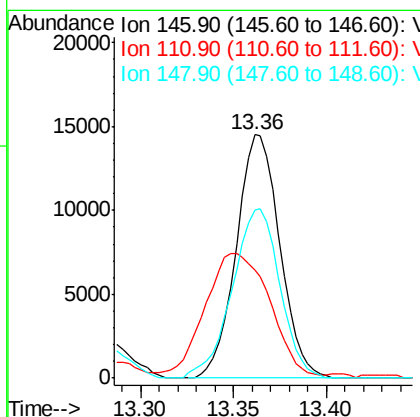
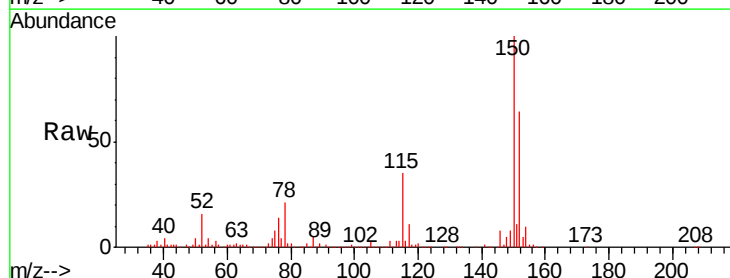
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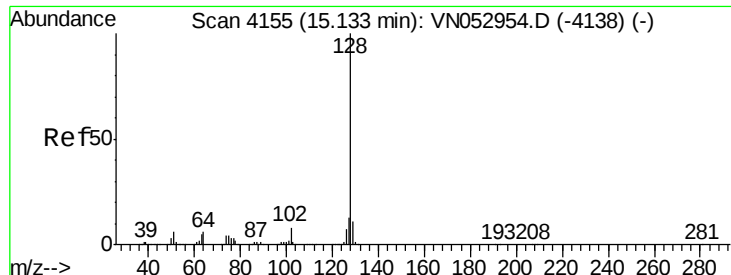
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#88
1,4-Dichlorobenzene
Concen: 0.835 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

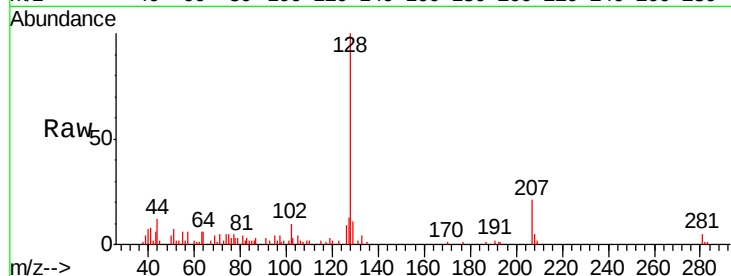
Tgt Ion	Ratio	Lower	Upper
146	100		
111	73.8	18.6	55.8#
148	75.9	32.1	96.5





#95
Naphthalene
Concen: 1.943 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052970.D
Acq: 18 Dec 2018 19:18

Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME



Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	14.2	10.2	15.4
129	13.5	8.6	13.0

Manual Integrations
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