

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052726.D
 Acq On : 7 Dec 2018 14:59
 Operator : MD\SY
 Sample : J6019-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 12:50:51 PM

Quant Time: Dec 10 11:24:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1144654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1760974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1525555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	599782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	599812	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	7.59	113	541605	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.09	98	2134961	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.40	95	685256	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.66	56	192560	8.674	ug/l #	86
39) Methylcyclohexane	9.08	83	69694	3.448	ug/l	91
40) Benzene	8.04	78	6249350	126.100	ug/l	100
52) Toluene	10.16	92	188776	6.411	ug/l	100
67) Ethyl Benzene	11.51	91	280914	5.100	ug/l	99
68) m/p-Xylenes	11.62	106	148834	7.258	ug/l	99
69) o-Xylene	11.95	106	11407	0.573	ug/l	97
73) Isopropylbenzene	12.25	105	1017339	21.619	ug/l	100
78) n-propylbenzene	12.59	91	517097	9.673	ug/l	99
83) tert-Butylbenzene	13.00	119	13695	0.409	ug/l	97
85) sec-Butylbenzene	13.17	105	21415	0.470	ug/l #	49
89) n-Butylbenzene	13.62	91	11391m	0.353	ug/l	
95) Naphthalene	15.14	128	16062	4.091	ug/l	97

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

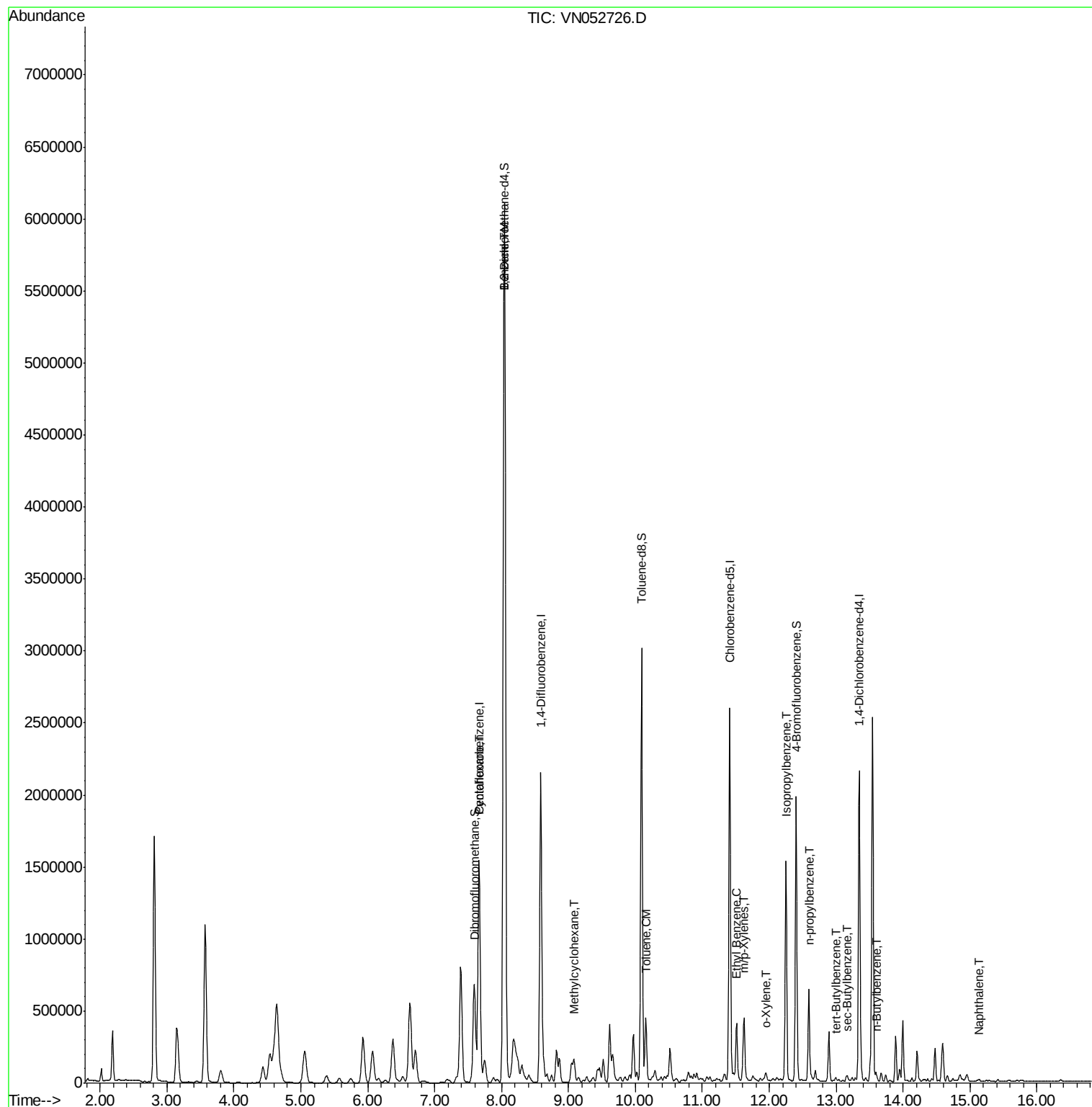
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

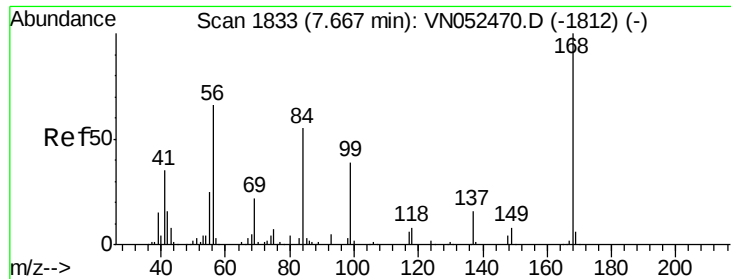
Instrument :
MSVOA_N
ClientSampleId :
MW-7

Manual Integrations
APPROVED

MMDadoda
12/10/2018 12:50:51 PM

Quant Time: Dec 10 11:24:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 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: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

MW-7

Tgt Ion: 168 Resp: 1144654

Ion Ratio Lower Upper

168 100

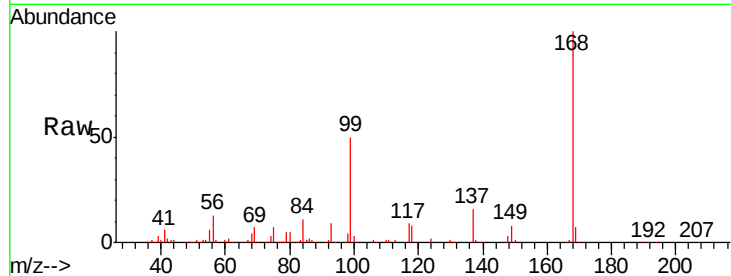
99 50.4 41.7 62.5

Manual Integrations

APPROVED

MMDadoda

12/10/2018 12:50:51 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

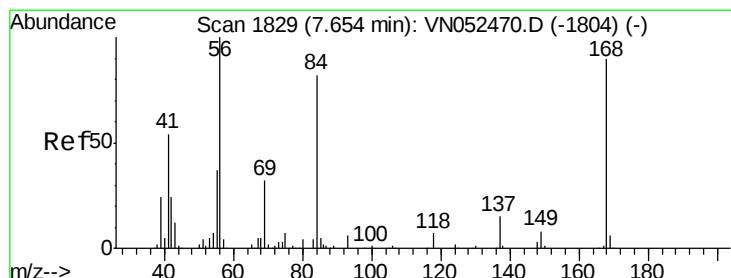
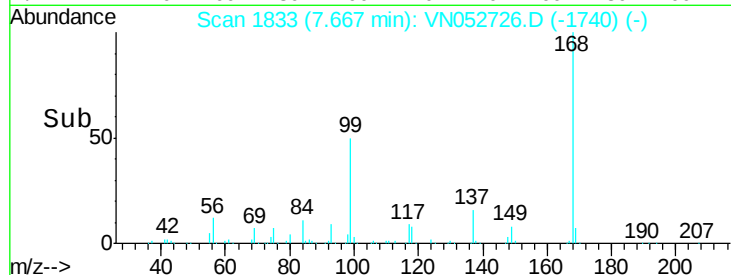
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 8.674 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

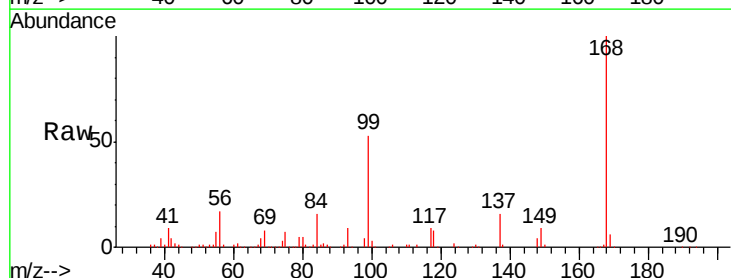
Tgt Ion: 56 Resp: 192560

Ion Ratio Lower Upper

56 100

69 46.2 25.8 38.6#

84 89.9 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

7.66

80000

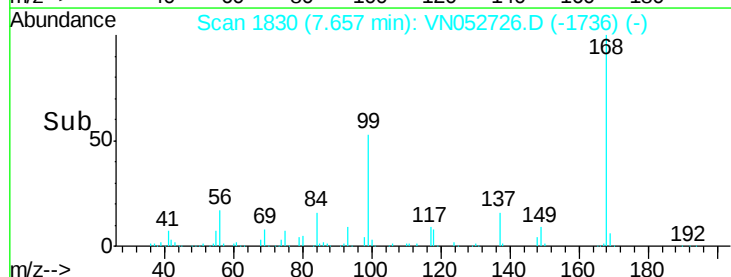
60000

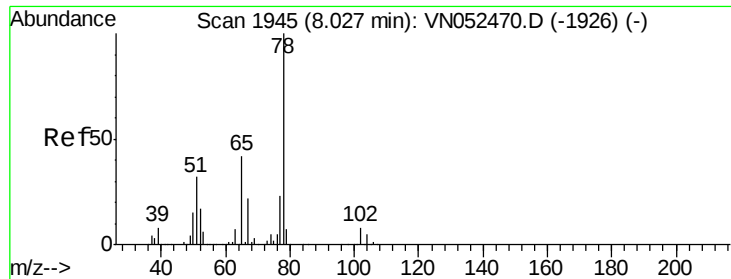
40000

20000

0

Time-->





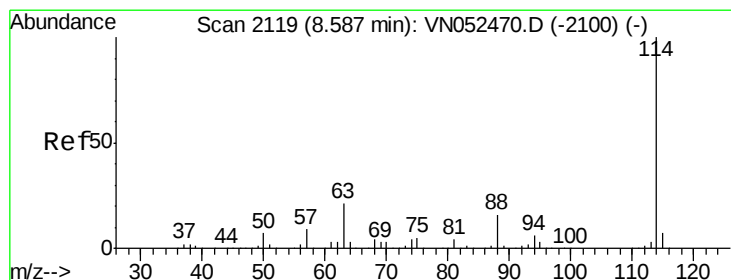
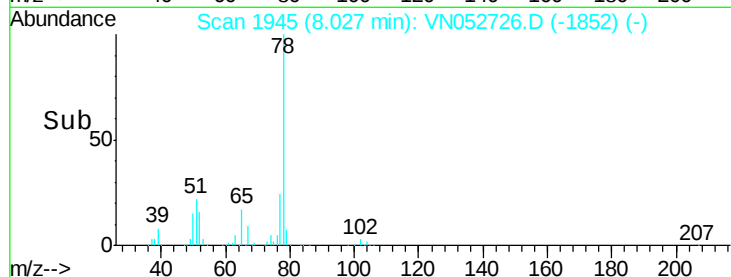
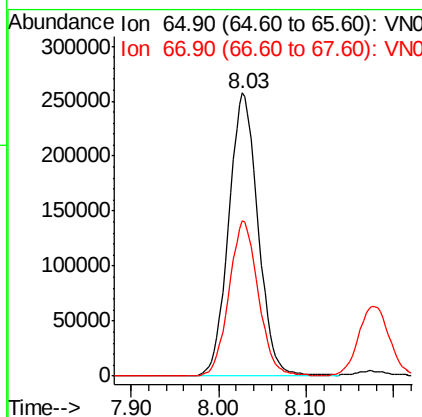
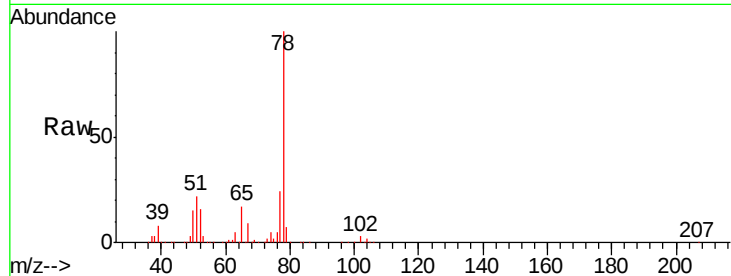
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Instrument :
 MSVOA_N
 ClientSampled :
 MW-7

Tgt Ion: 65 Resp: 599812
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.8

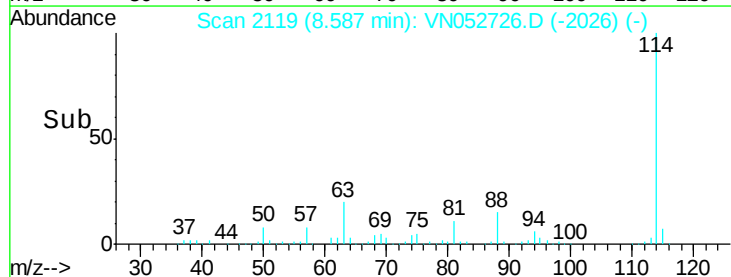
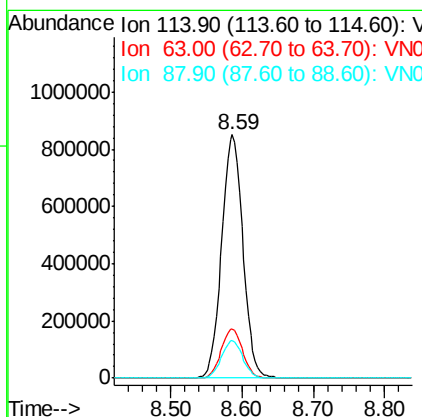
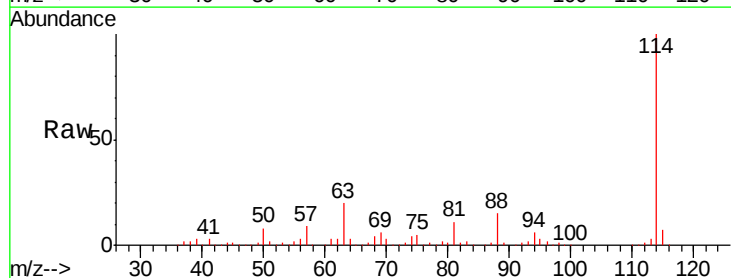
Manual Integrations
 APPROVED

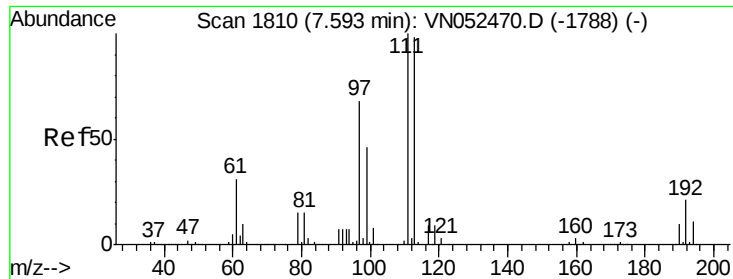
MMDadoda
 12/10/2018 12:50:51 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Tgt Ion: 114 Resp: 1760974
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.4 0.0 31.6





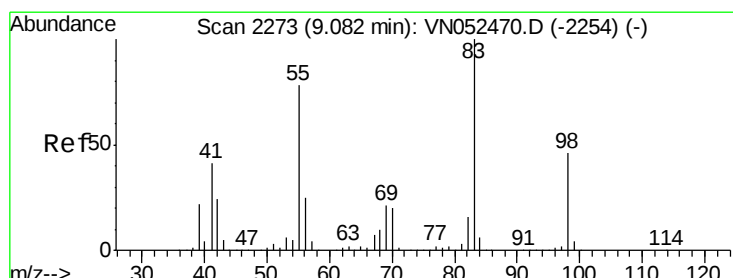
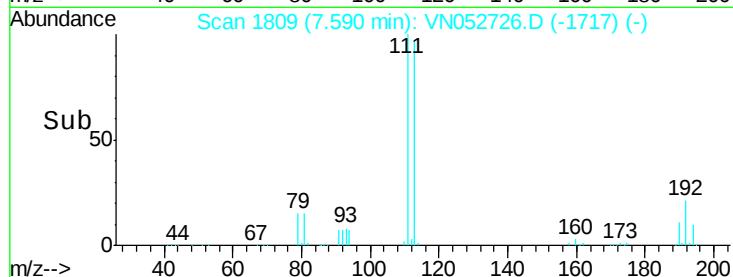
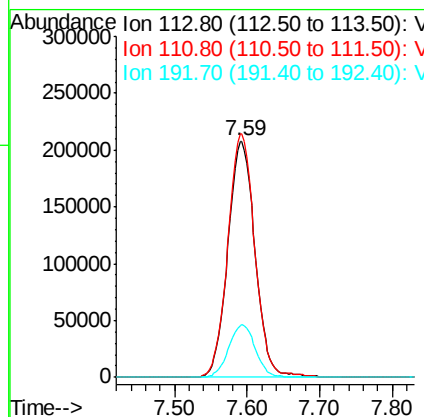
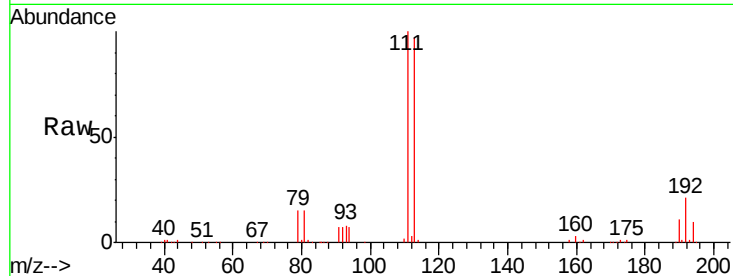
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	541605		
111	102.3	82.0	123.0	
192	21.9	17.0	25.6	

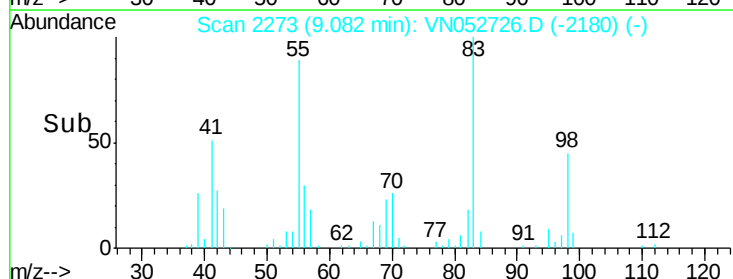
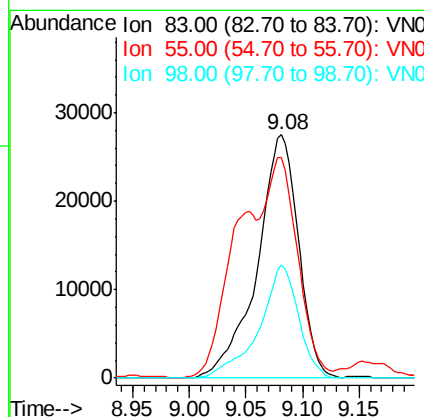
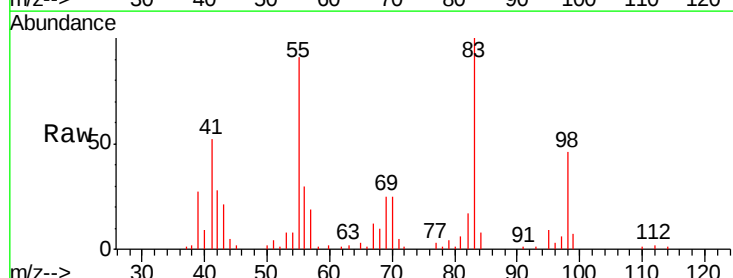
Manual Integrations
APPROVED

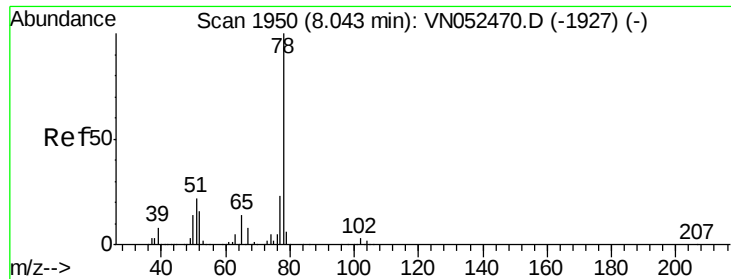
MMDadoda
12/10/2018 12:50:51 PM



#39
Methylcyclohexane
Concen: 3.448 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	69694		
55	89.9	62.2	93.2	
98	46.4	36.4	54.6	





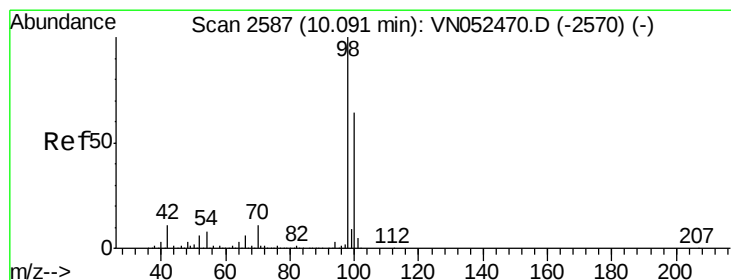
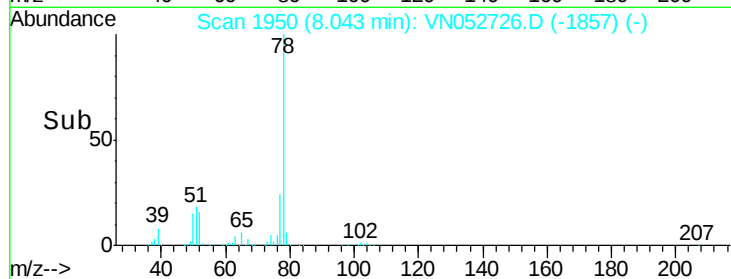
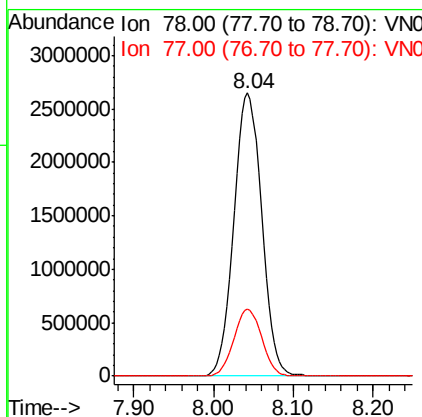
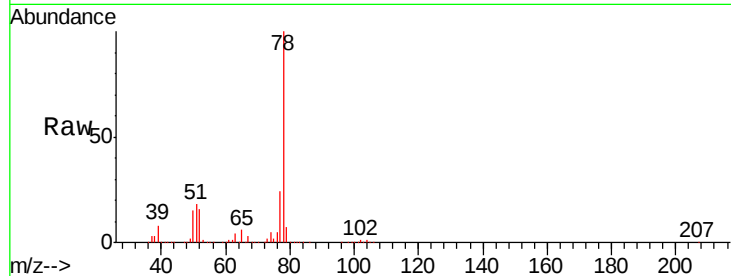
#40
Benzene
Concen: 126.100 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tgt Ion: 78 Resp: 6249350
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

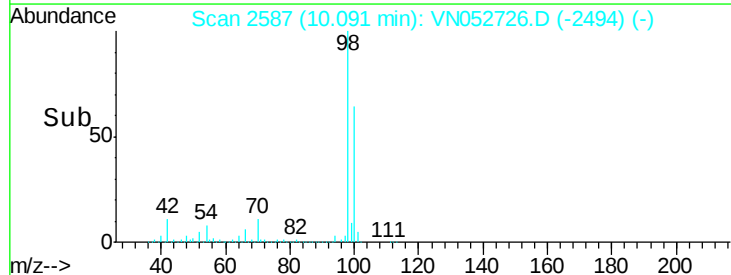
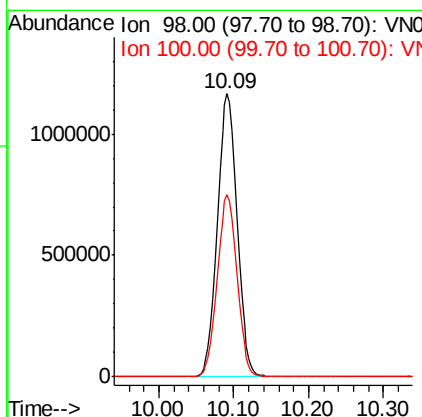
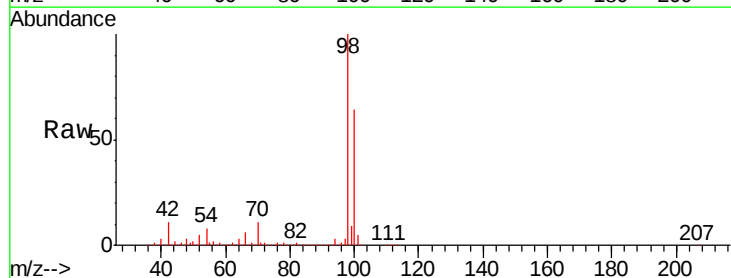
Manual Integrations
APPROVED

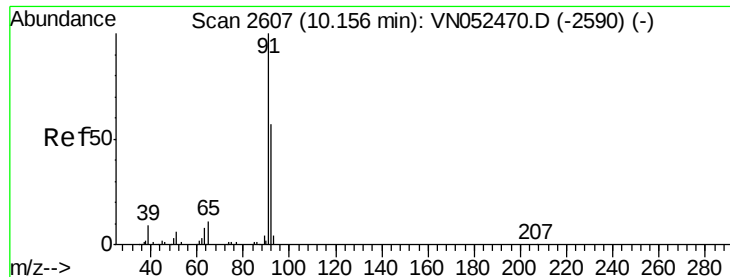
MMDadoda
12/10/2018 12:50:51 PM



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion: 98 Resp: 2134961
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9





#52

Toluene

Concen: 6.411 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

MW-7

Tgt Ion: 92 Resp: 188776

Ion Ratio Lower Upper

92 100

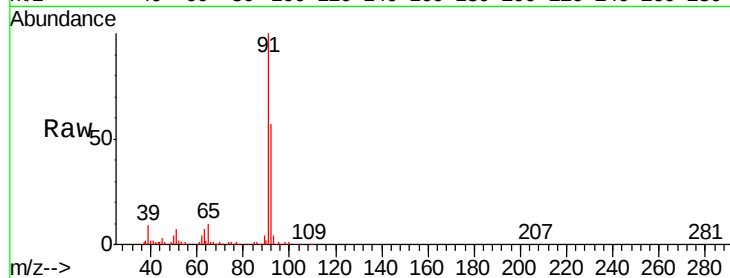
91 176.4 141.0 211.4

Manual Integrations

APPROVED

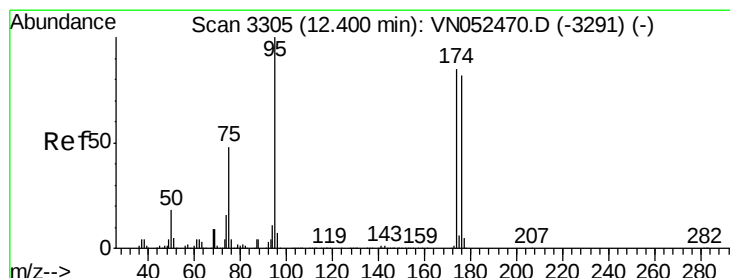
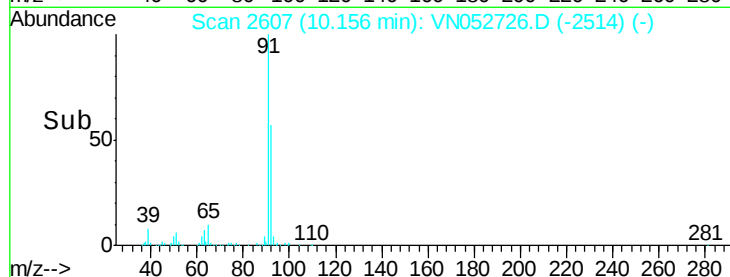
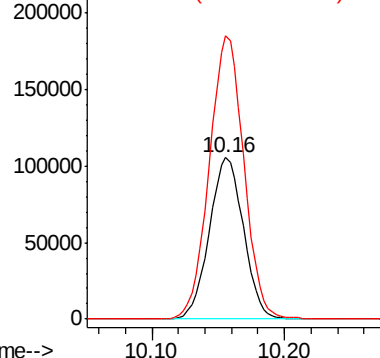
MMDadoda

12/10/2018 12:50:51 PM



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

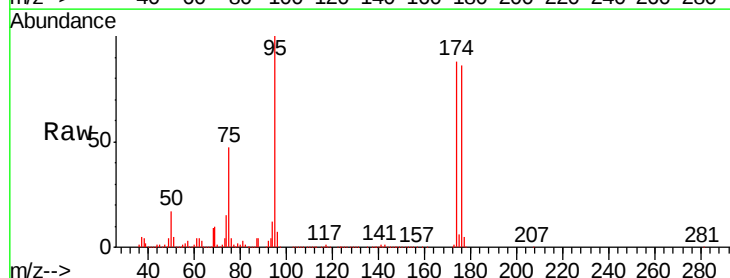
Tgt Ion: 95 Resp: 685256

Ion Ratio Lower Upper

95 100

174 87.4 0.0 173.0

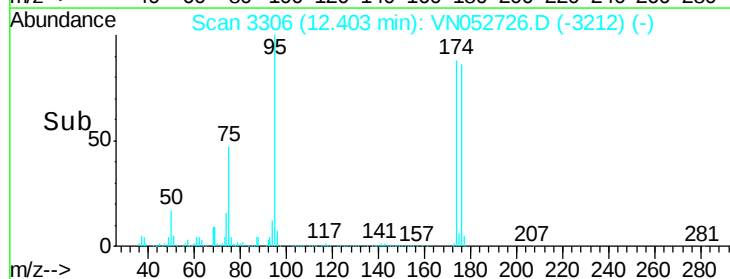
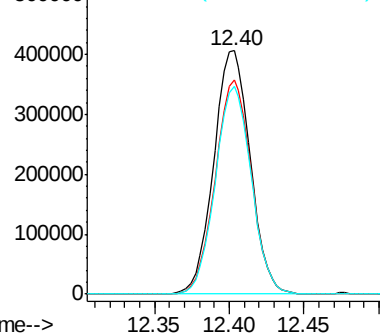
176 85.0 0.0 166.2

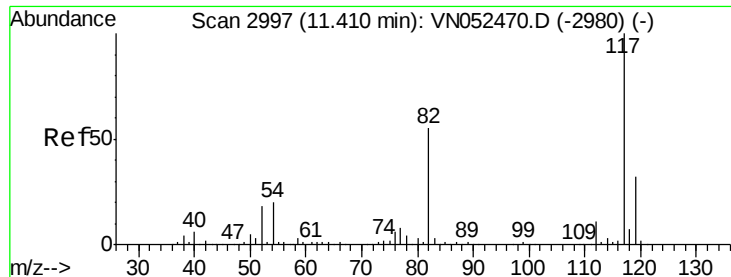


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





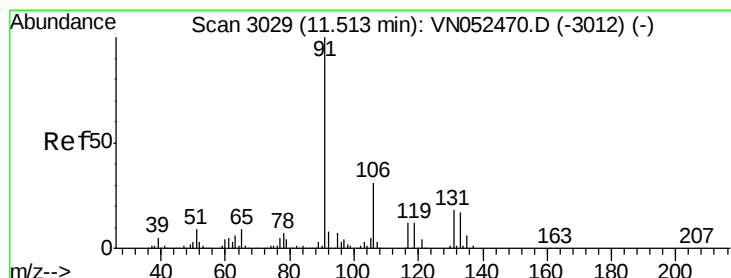
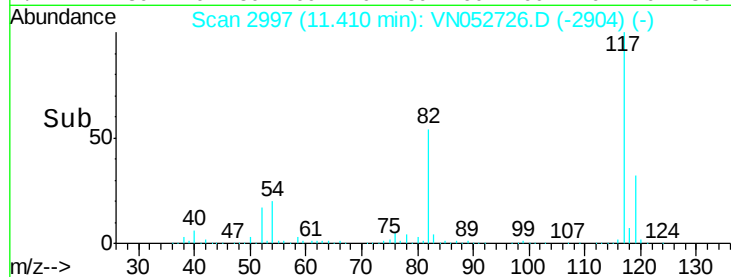
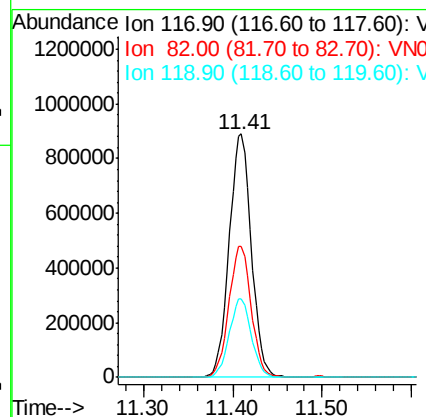
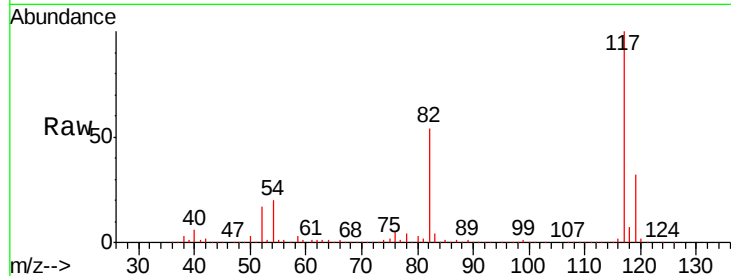
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tgt Ion: 117 Resp: 152555
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.3 25.4 38.2

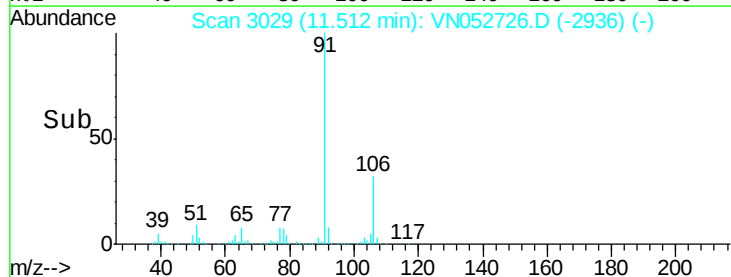
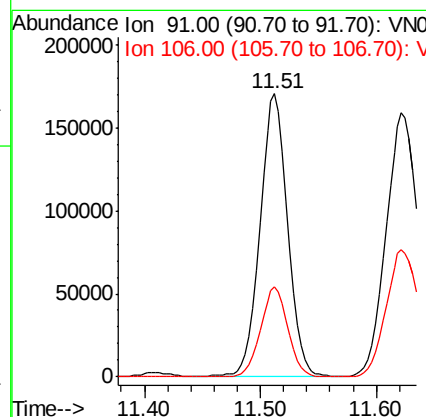
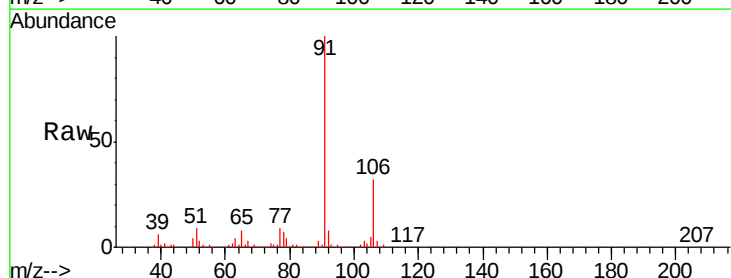
Manual Integrations
APPROVED

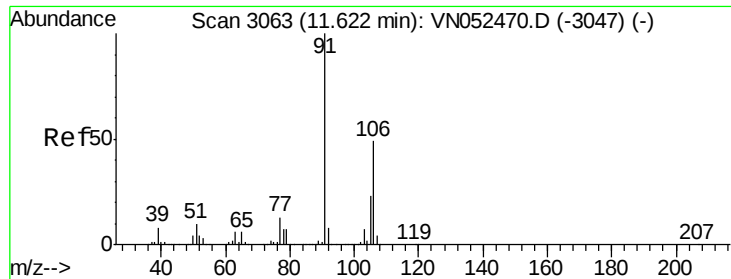
MMDadoda
12/10/2018 12:50:51 PM



#67
Ethyl Benzene
Concen: 5.100 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion: 91 Resp: 280914
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3





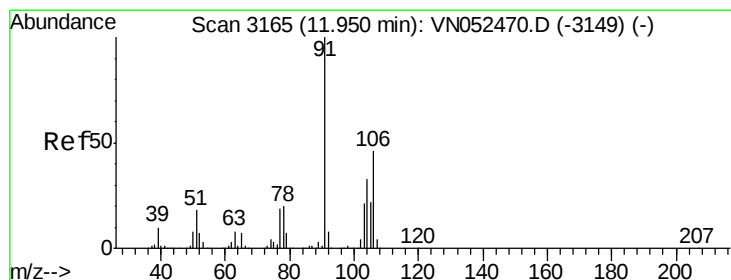
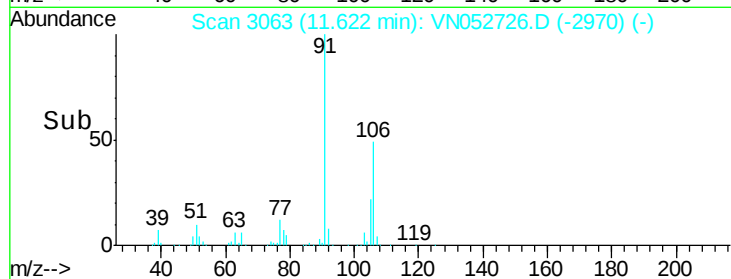
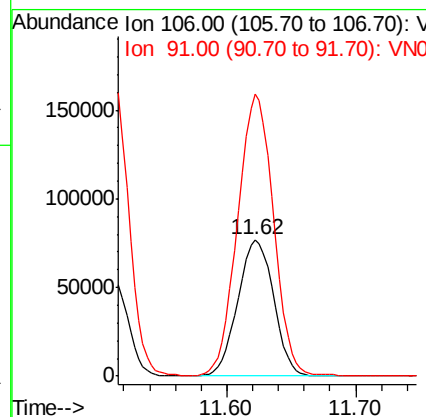
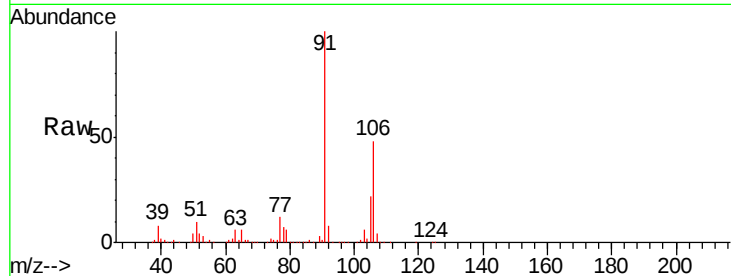
#68
m/p-Xylenes
Concen: 7.258 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tgt Ion:106 Resp: 148834
Ion Ratio Lower Upper
106 100
91 205.0 163.2 244.8

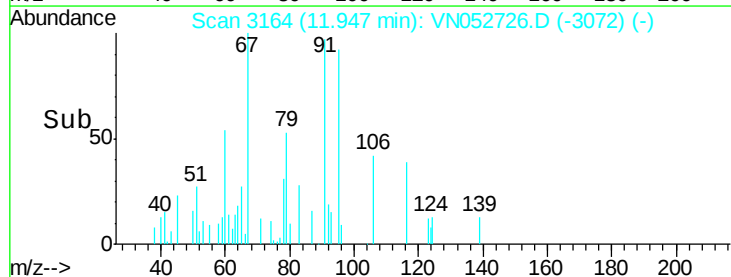
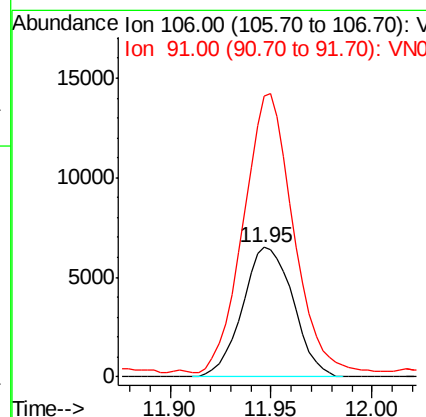
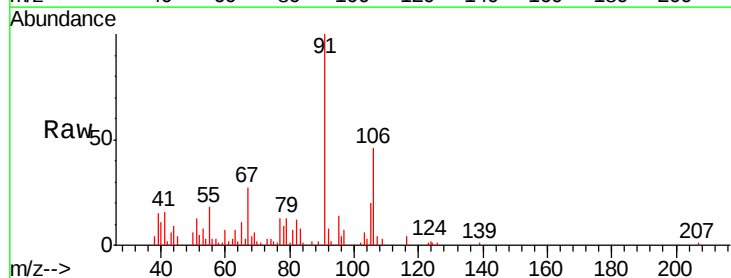
Manual Integrations
APPROVED

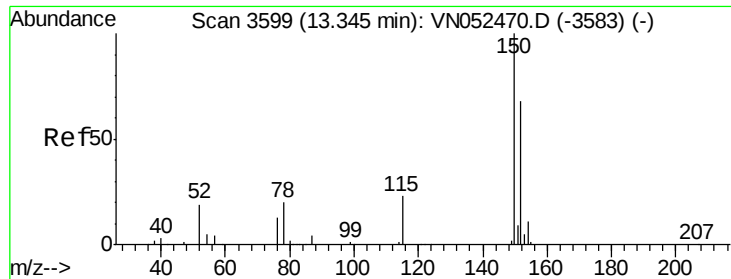
MMDadoda
12/10/2018 12:50:51 PM



#69
o-Xylene
Concen: 0.573 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion:106 Resp: 11407
Ion Ratio Lower Upper
106 100
91 210.2 107.7 323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

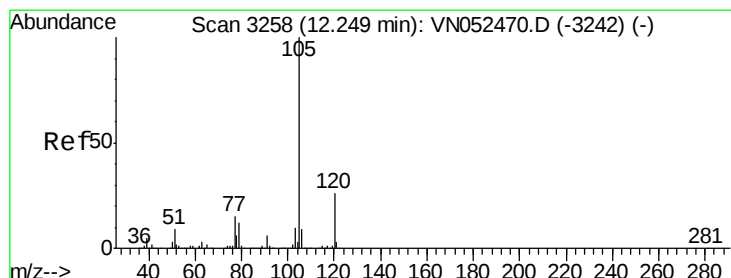
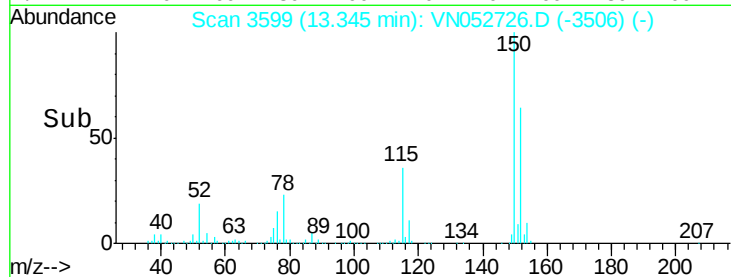
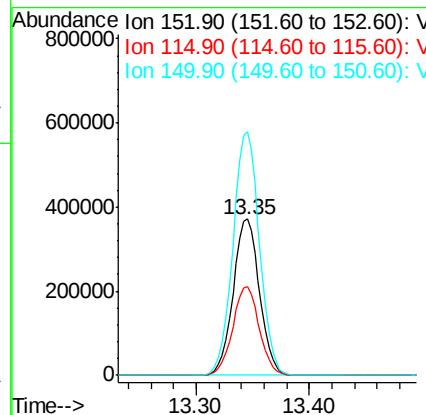
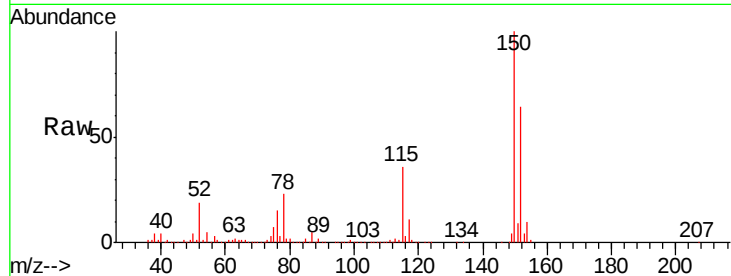
ClientSampled :

MW-7

Tgt Ion:	152	Resp:	599782
Ion Ratio	Lower	Upper	
152	100		
115	57.2	28.4	85.2
150	156.9	0.0	346.0

Manual Integrations
APPROVED

MMDadoda
12/10/2018 12:50:51 PM



#73

Isopropylbenzene

Concen: 21.619 ug/l

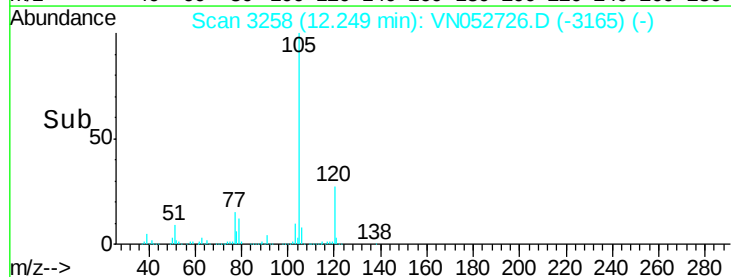
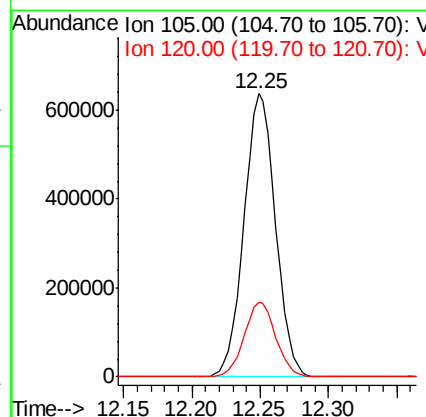
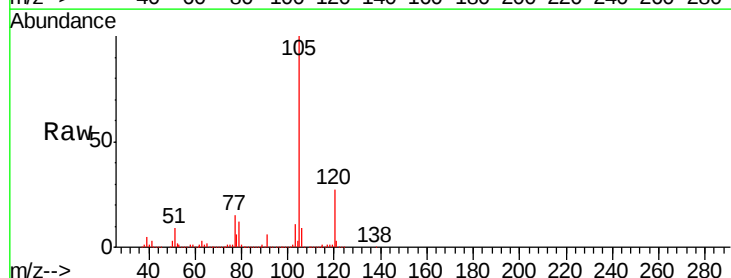
RT: 12.25 min Scan# 3258

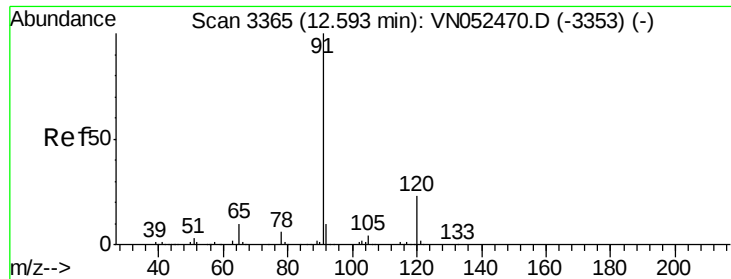
Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Tgt Ion:	105	Resp:	1017339
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.1	39.3





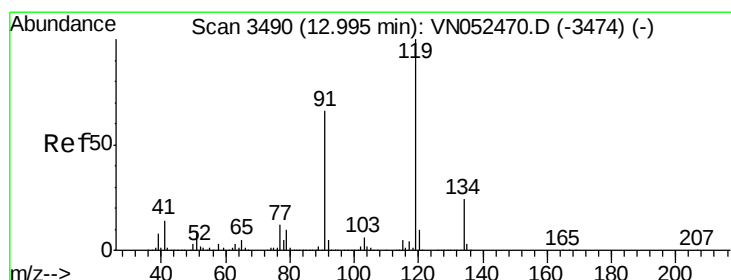
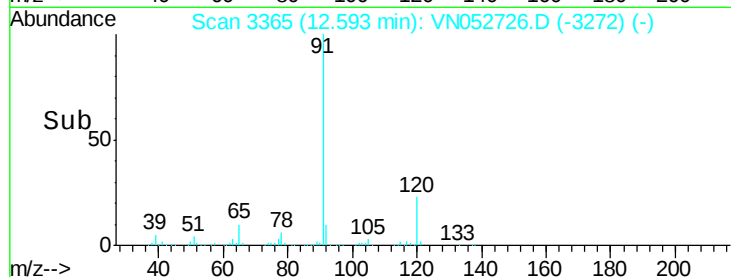
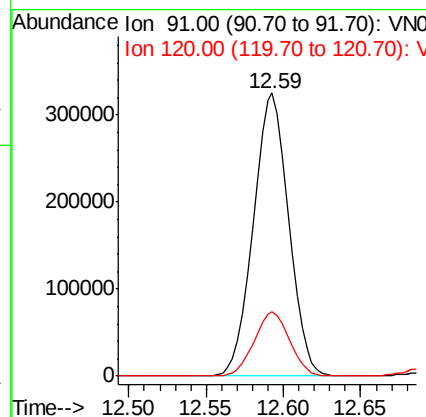
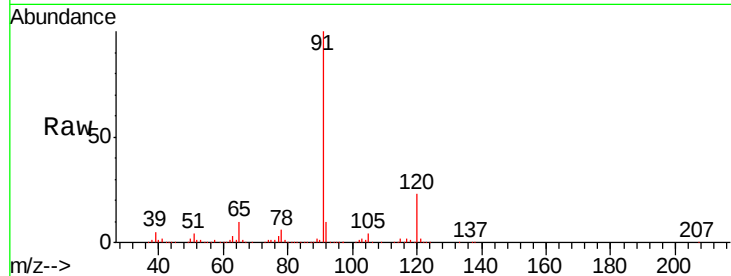
#78
n-propylbenzene
Concen: 9.673 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tgt Ion: 91 Resp: 517097
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

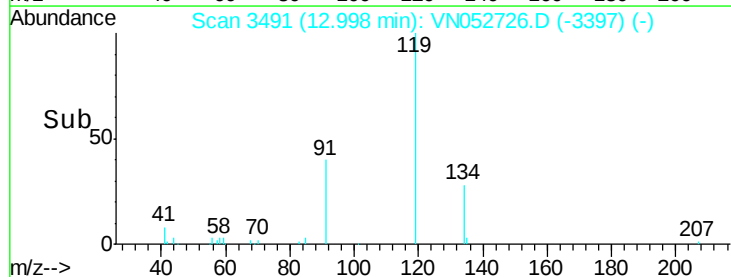
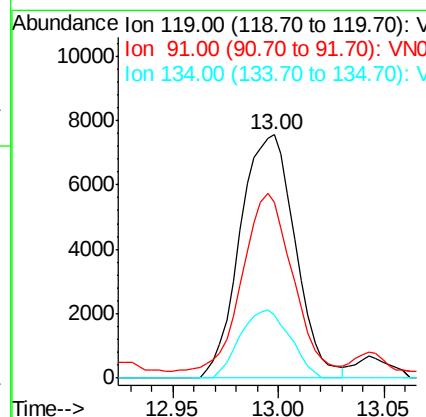
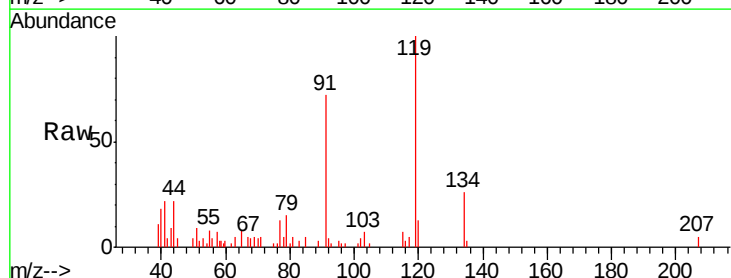
Manual Integrations
APPROVED

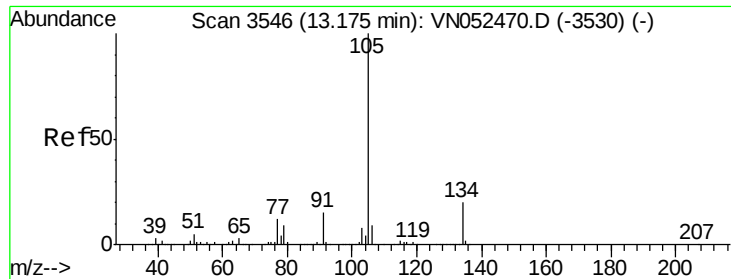
MMDadoda
12/10/2018 12:50:51 PM



#83
tert-Butylbenzene
Concen: 0.409 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion: 119 Resp: 13695
Ion Ratio Lower Upper
119 100
91 67.0 32.3 96.9
134 25.3 13.0 38.9





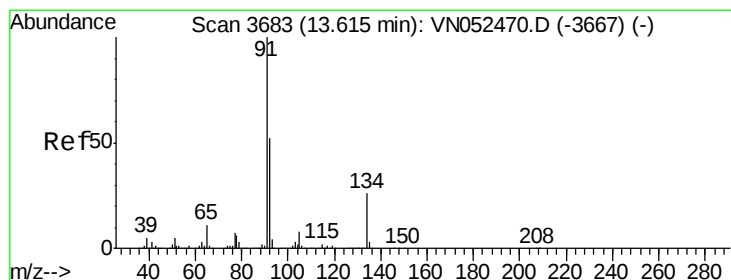
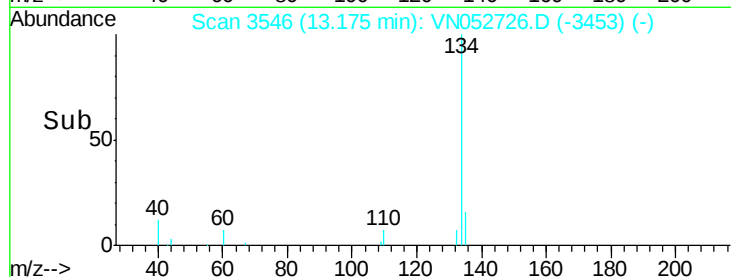
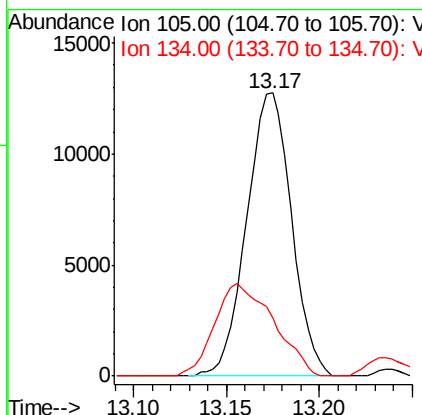
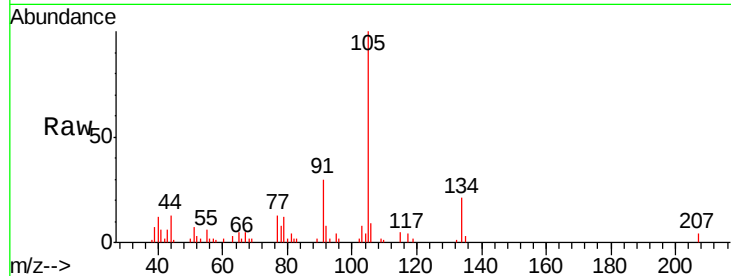
#85
 sec-Butylbenzene
 Concen: 0.470 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Tgt Ion: 105 Resp: 21415
 Ion Ratio Lower Upper
 105 100
 134 42.9 9.9 29.7#

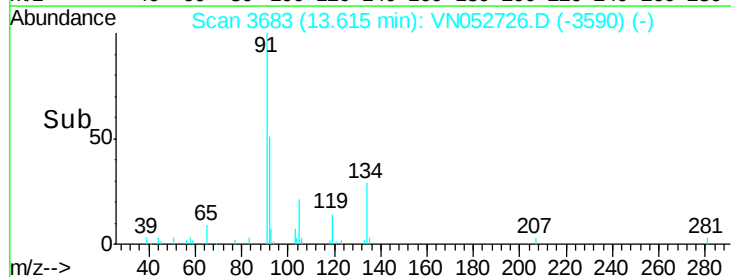
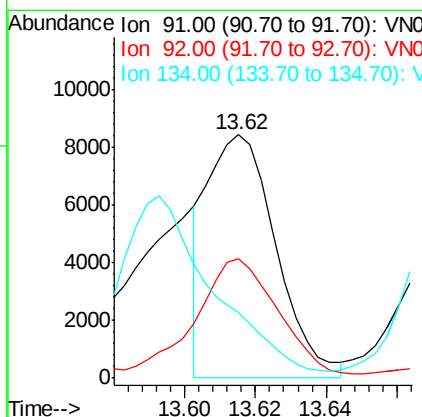
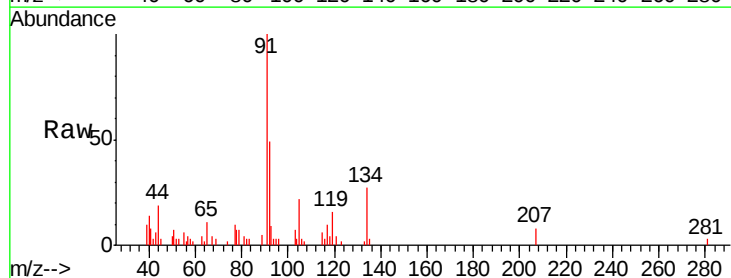
Manual Integrations
 APPROVED

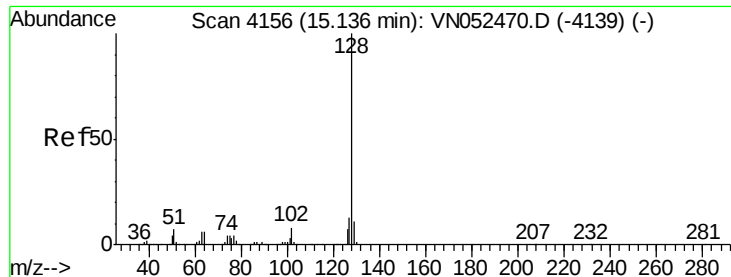
MMDadoda
 12/10/2018 12:50:51 PM



#89
 n-Butylbenzene
 Concen: 0.353 ug/l m
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

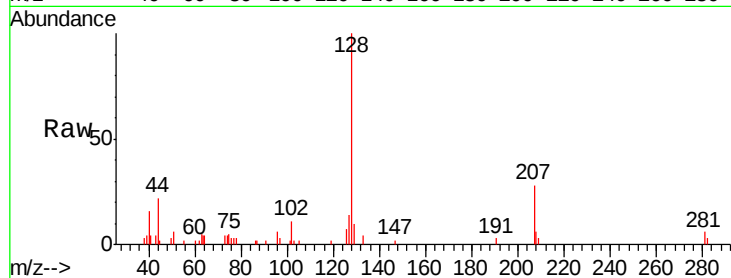
Tgt Ion: 91 Resp: 11391
 Ion Ratio Lower Upper
 91 100
 92 60.7 26.1 78.3
 134 0.0 13.0 38.9#





#95
Naphthalene
Concen: 4.091 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
MW-7



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.2	15.2
129	10.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/10/2018 12:50:51 PM

