

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060519.D
 Acq On : 16 Mar 2020 13:44
 Operator : JC/MD
 Sample : PB127541TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541TB

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 11:48:19 AM

Quant Time: Mar 17 09:15:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	218492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	365621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	344465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	142313	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	7.56	113	107273	63.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.42%	
50) Toluene-d8	10.08	98	449969	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.40	95	167883	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
16) Acetone	3.78	43	4956m	5.475	ug/l	
20) Methylene Chloride	4.52	84	4709	1.894	ug/l	98
43) Isopropyl Acetate	8.14	43	48801	8.449	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	4902	1.497	ug/l	97

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

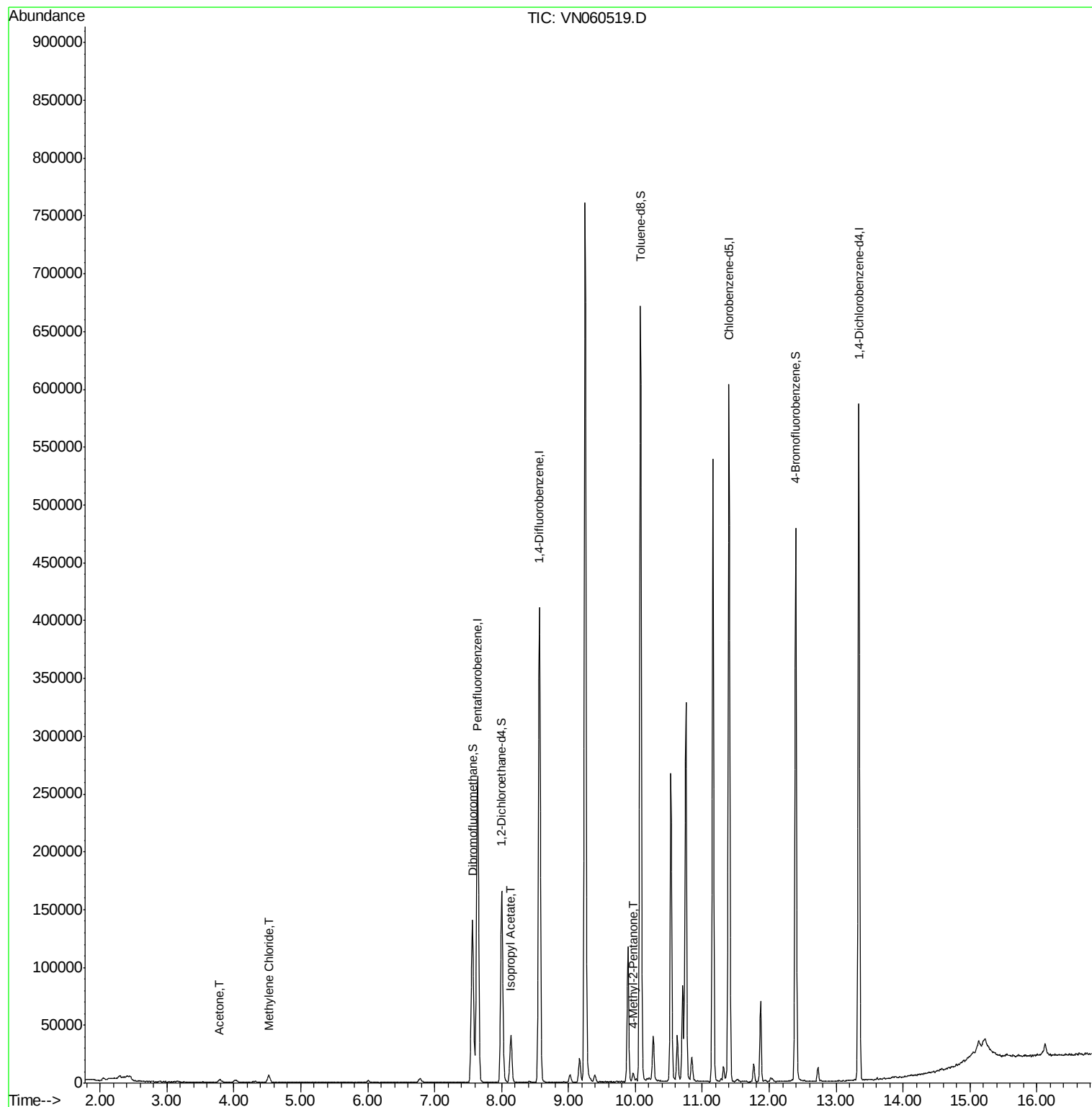
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031620\
Data File : VN060519.D
Acq On : 16 Mar 2020 13:44
Operator : JC/MD
Sample : PB127541TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB127541TB

Manual Integrations
APPROVED

MMDadoda
3/17/2020 11:48:19 AM

Quant Time: Mar 17 09:15:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060519.D

Acq: 16 Mar 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB127541TB

Tot Ion:168 Resp: 218492

Ion Ratio Lower Upper

168 100

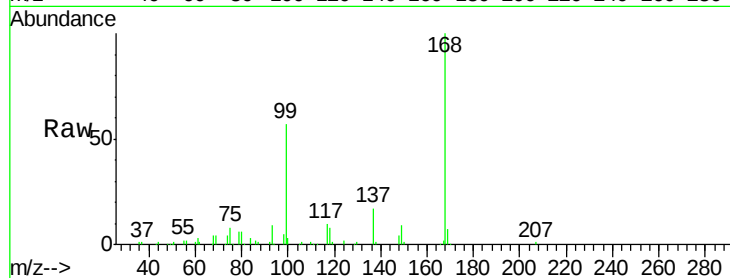
99 56.9 44.7 67.1

Manual Integrations

APPROVED

MMDadoda

3/17/2020 11:48:19 AM



Abundance Ion 167.90 (167.60 to 168.60): VN060519.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060519.D (-1733) (-)

7.64

80000

60000

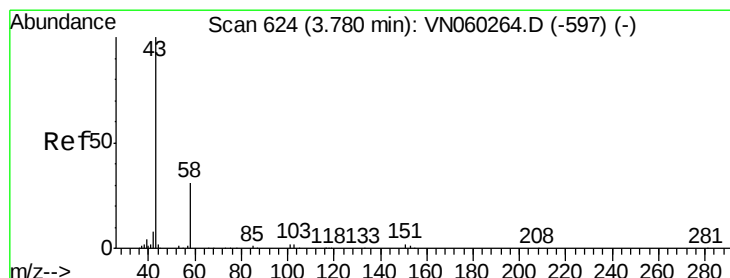
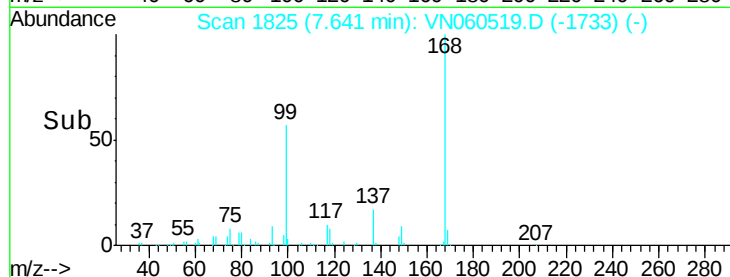
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.475 ug/l m

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060519.D

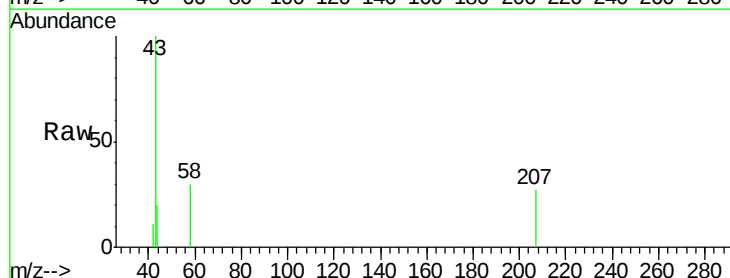
Acq: 16 Mar 2020 13:44

Tgt Ion: 43 Resp: 4956

Ion Ratio Lower Upper

43 100

58 30.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060519.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060519.D (-531) (-)

3.78

2000

1500

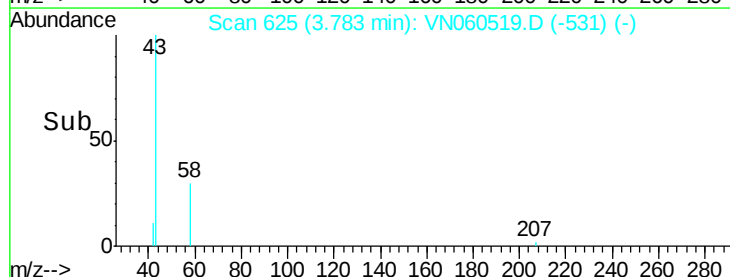
1000

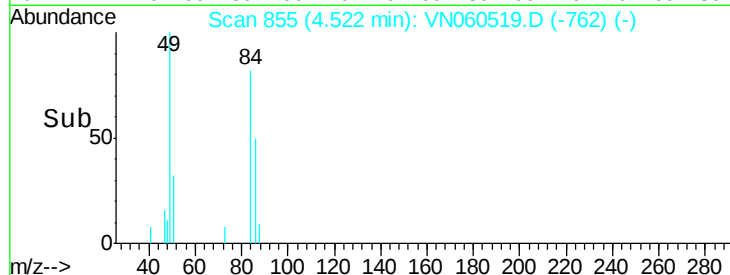
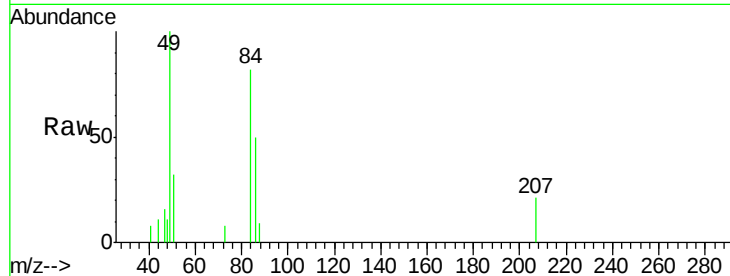
500

0

3.75 3.80 3.85

Time-->





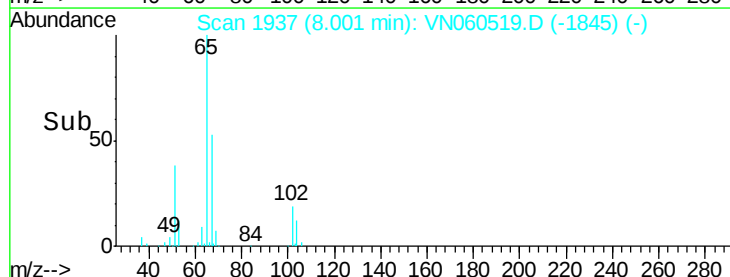
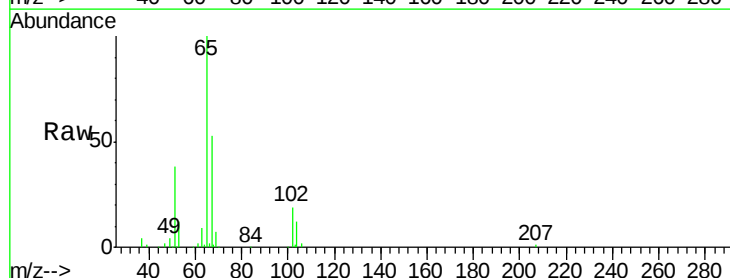
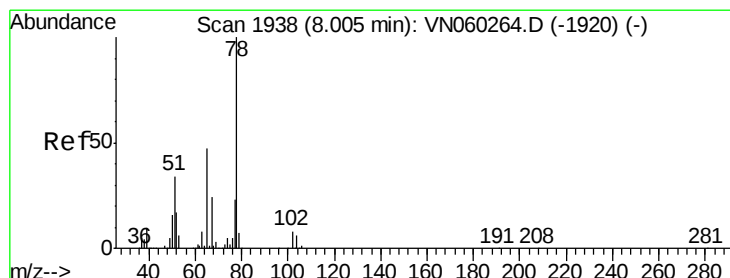
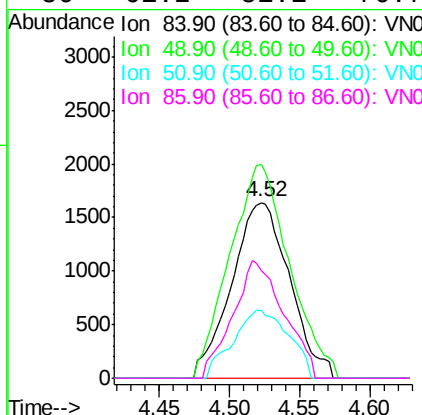
#20
Methvlene Chloride
Concen: 1.894 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060519.D
Acq: 16 Mar 2020 13:44

Tot Ion:	84	Resp:	4709
Ion	Ratio	Lower	Upper
84	100		
49	121.7	99.3	148.9
51	38.7	30.1	45.1
86	61.2	51.1	76.7

Instrument :
MSVOA_N
ClientSampleId :
PB127541TB

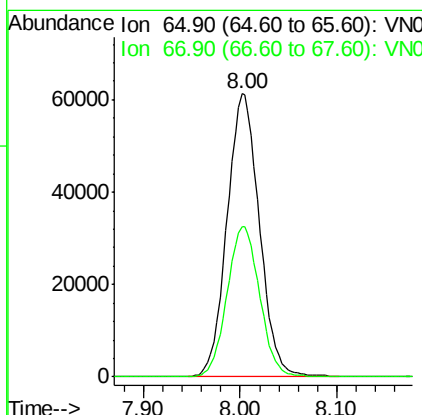
Manual Integrations
APPROVED

MMDadoda
3/17/2020 11:48:19 AM



#33
1,2-Dichloroethane-d4
Concen: 50.767 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060519.D
Acq: 16 Mar 2020 13:44

Tgt Ion:	65	Resp:	142313
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	103.8





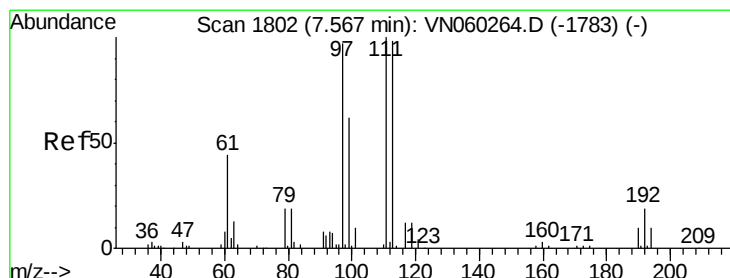
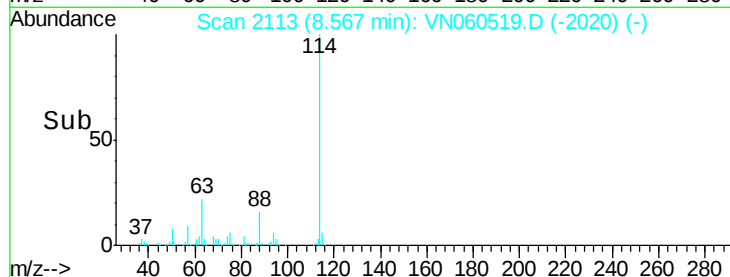
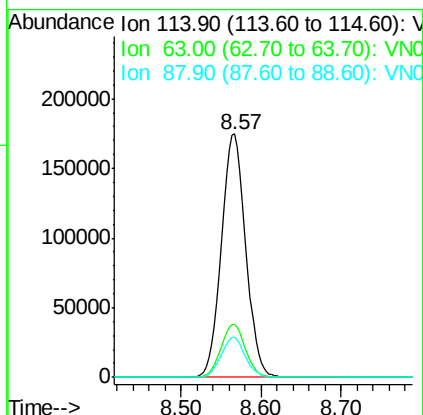
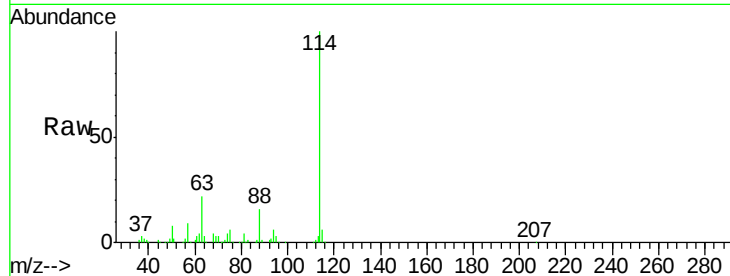
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060519.D
Acq: 16 Mar 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
PB127541TB

Tot Ion	Ratio	Resp	Lower	Upper
114	100	365621		
63	21.7	0.0	43.2	
88	16.4	0.0	31.6	

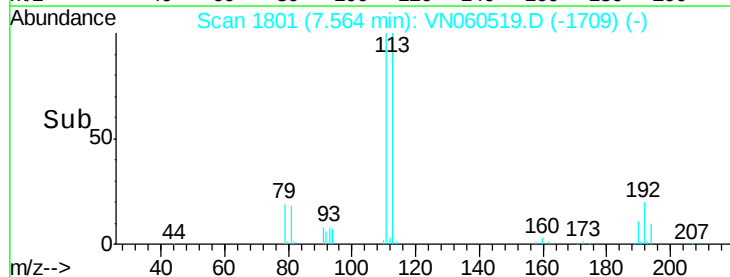
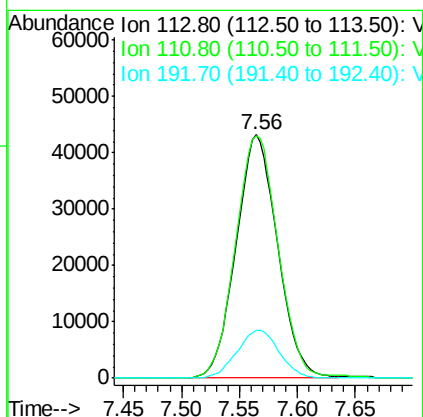
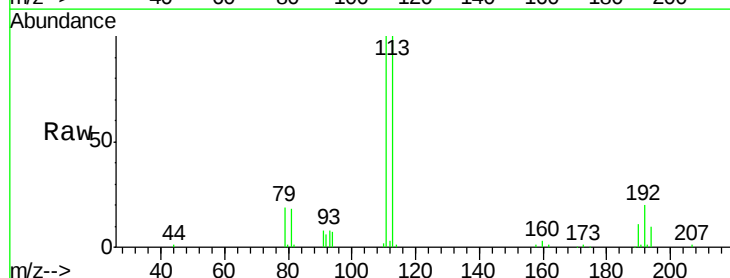
Manual Integrations
APPROVED

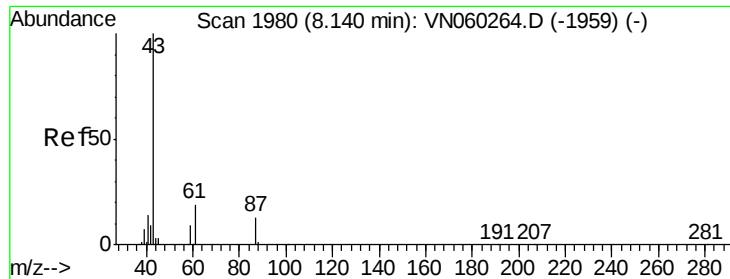
MMDadoda
3/17/2020 11:48:19 AM



#35
Dibromofluoromethane
Concen: 63.210 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060519.D
Acq: 16 Mar 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	107273		
111	102.9	82.4	123.6	
192	20.0	16.2	24.2	





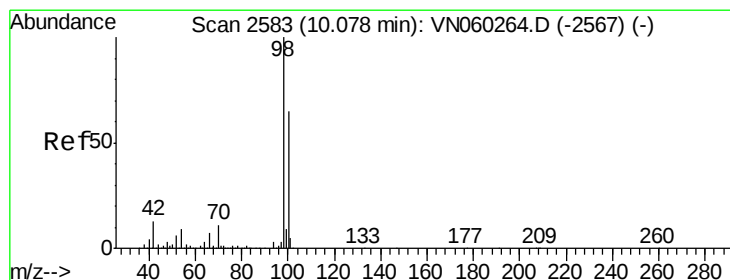
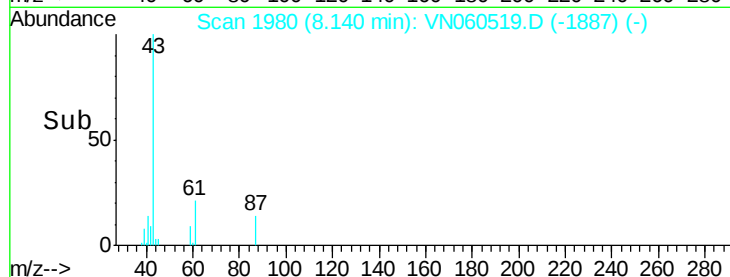
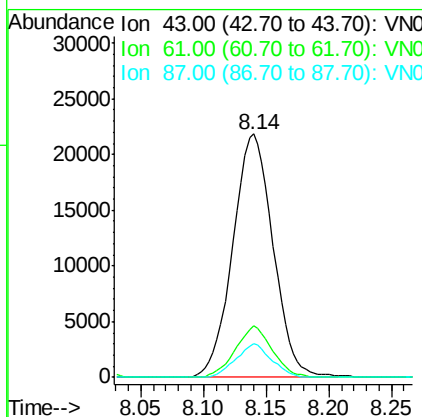
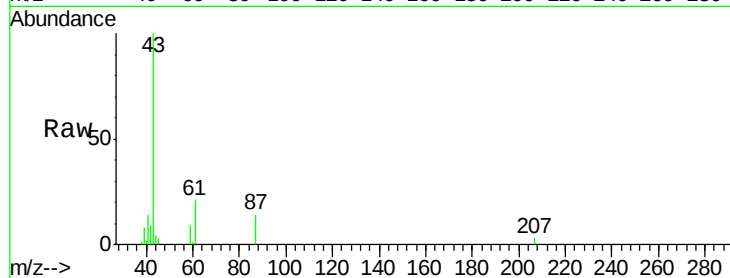
#43
Isopropyl Acetate
Concen: 8.449 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060519.D
Acq: 16 Mar 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
PB127541TB

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	20.9	31.3#
87	12.2	10.6	16.0

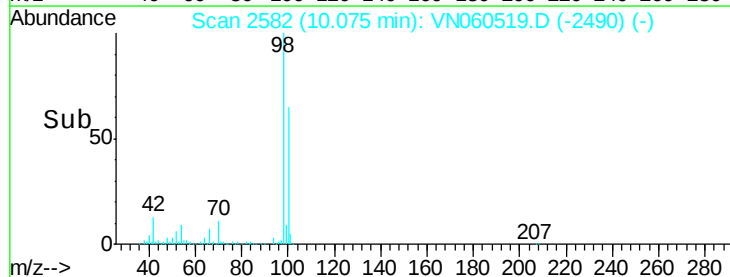
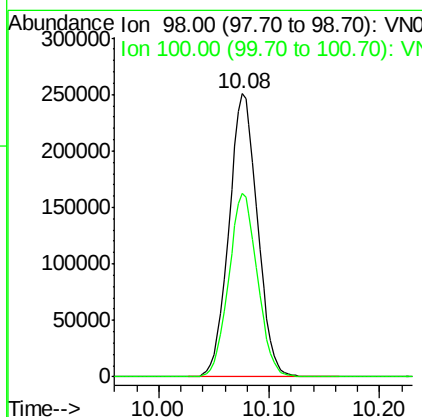
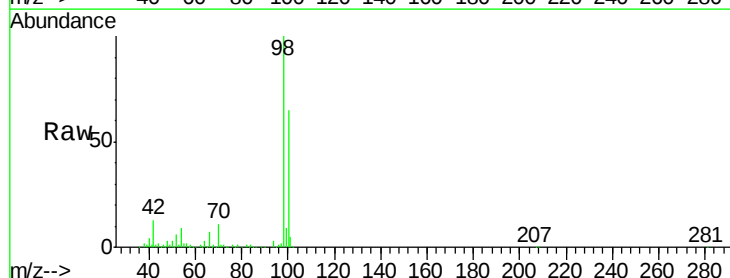
Manual Integrations
APPROVED

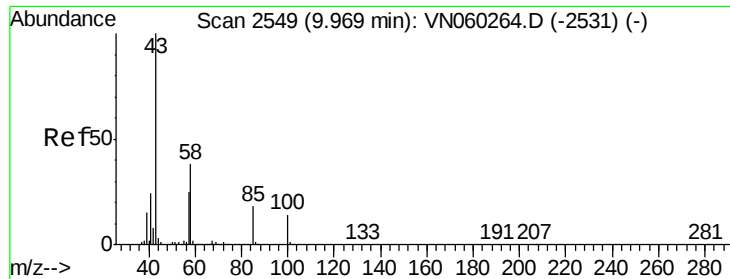
MMDadoda
3/17/2020 11:48:19 AM



#50
Toluene-d8
Concen: 52.388 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060519.D
Acq: 16 Mar 2020 13:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 1.497 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060519.D

Acq: 16 Mar 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

PB127541TB

Tot Ion: 43 Resp: 4902

Ion Ratio Lower Upper

43 100

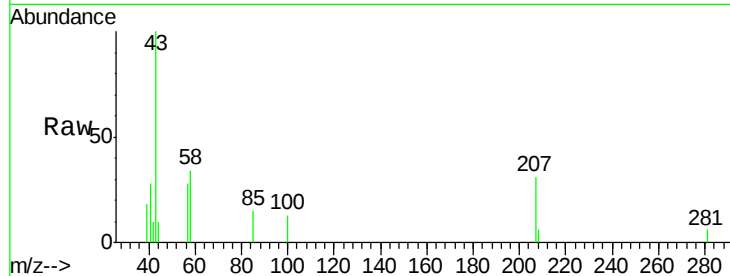
58 37.0 30.9 46.3

Manual Integrations

APPROVED

MMDadoda

3/17/2020 11:48:19 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

25000

20000

15000

10000

5000

0

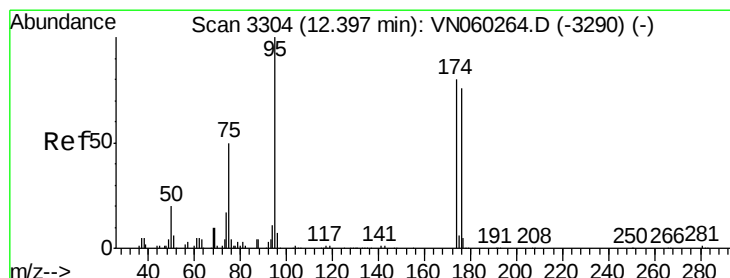
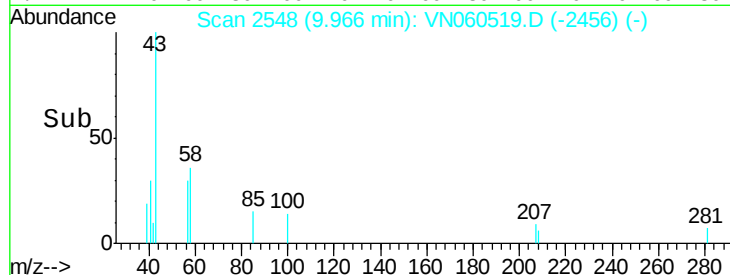
9.90

9.95

9.97

10.00

Time-->



#62

4-Bromofluorobenzene

Concen: 51.562 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060519.D

Acq: 16 Mar 2020 13:44

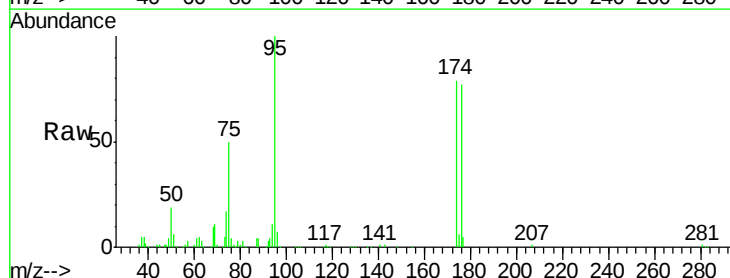
Tgt Ion: 95 Resp: 167883

Ion Ratio Lower Upper

95 100

174 78.7 0.0 159.2

176 76.4 0.0 153.8



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

100000

50000

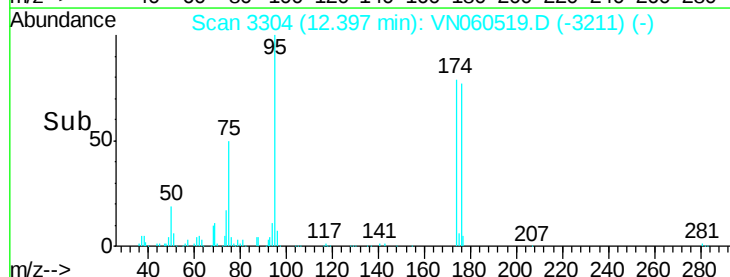
0

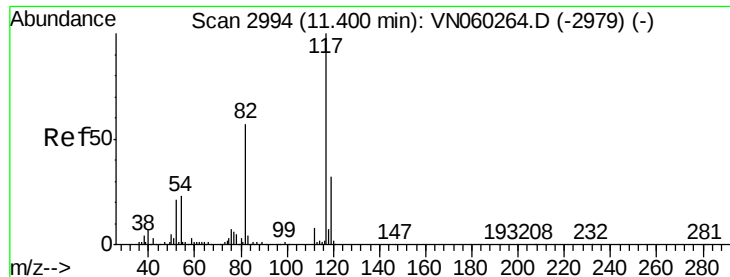
12.30

12.40

12.50

Time-->





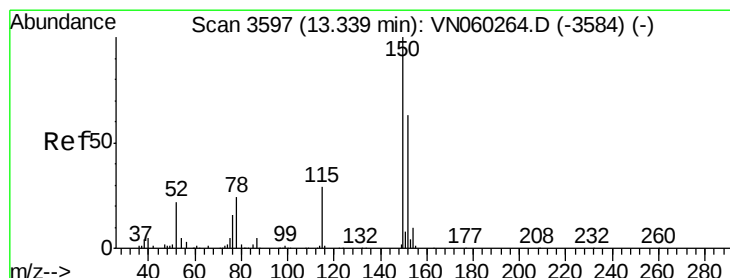
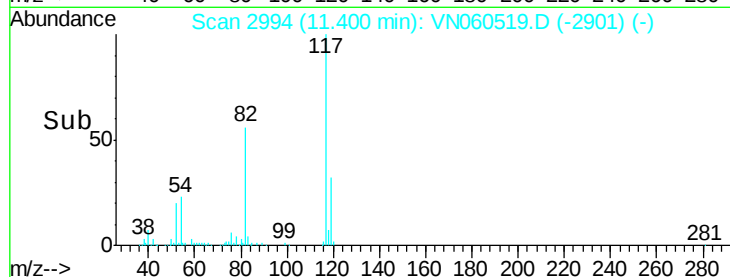
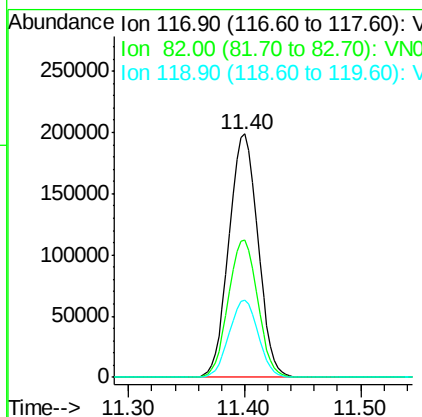
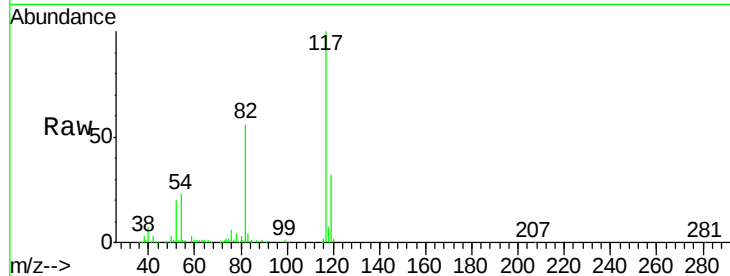
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060519.D
Acq: 16 Mar 2020 13:44

Instrument :
MSVOA_N
ClientSampled :
PB127541TB

Tot Ion	Ratio	Resp	Lower	Upper
117	100	344465		
82	56.3		45.8	68.6
119	32.0		25.8	38.8

Manual Integrations
APPROVED

MMDadoda
3/17/2020 11:48:19 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060519.D
Acq: 16 Mar 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	154083		
115	59.9		30.0	90.0
150	158.7		0.0	349.6

