

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059542.D
 Acq On : 10 Dec 2019 13:20
 Operator : JC/SP
 Sample : K6174-01ME
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

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Quant Time: Dec 11 07:21:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	246602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	398819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	379375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	168975	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.57	113	121066	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.08	98	539517	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
62) 4-Bromofluorobenzene	12.40	95	194773	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.62	56	99670	19.192	ug/l #	84
39) Methylcyclohexane	9.07	83	254205	55.385	ug/l	97
67) Ethyl Benzene	11.51	91	20019	1.400	ug/l	99
68) m/p-Xylenes	11.62	106	23018	4.290	ug/l	96
73) Isopropylbenzene	12.25	105	21695	1.887	ug/l	100
78) n-propylbenzene	12.59	91	56404	3.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	48167	4.886	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	141387	14.525	ug/l	97
85) sec-Butylbenzene	13.17	105	18394	1.629	ug/l #	71
86) p-Isopropyltoluene	13.29	119	9854	0.976	ug/l	97
89) n-Butylbenzene	13.62	91	30783m	3.248	ug/l	
95) Naphthalene	15.13	128	20252	2.025	ug/l #	90

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

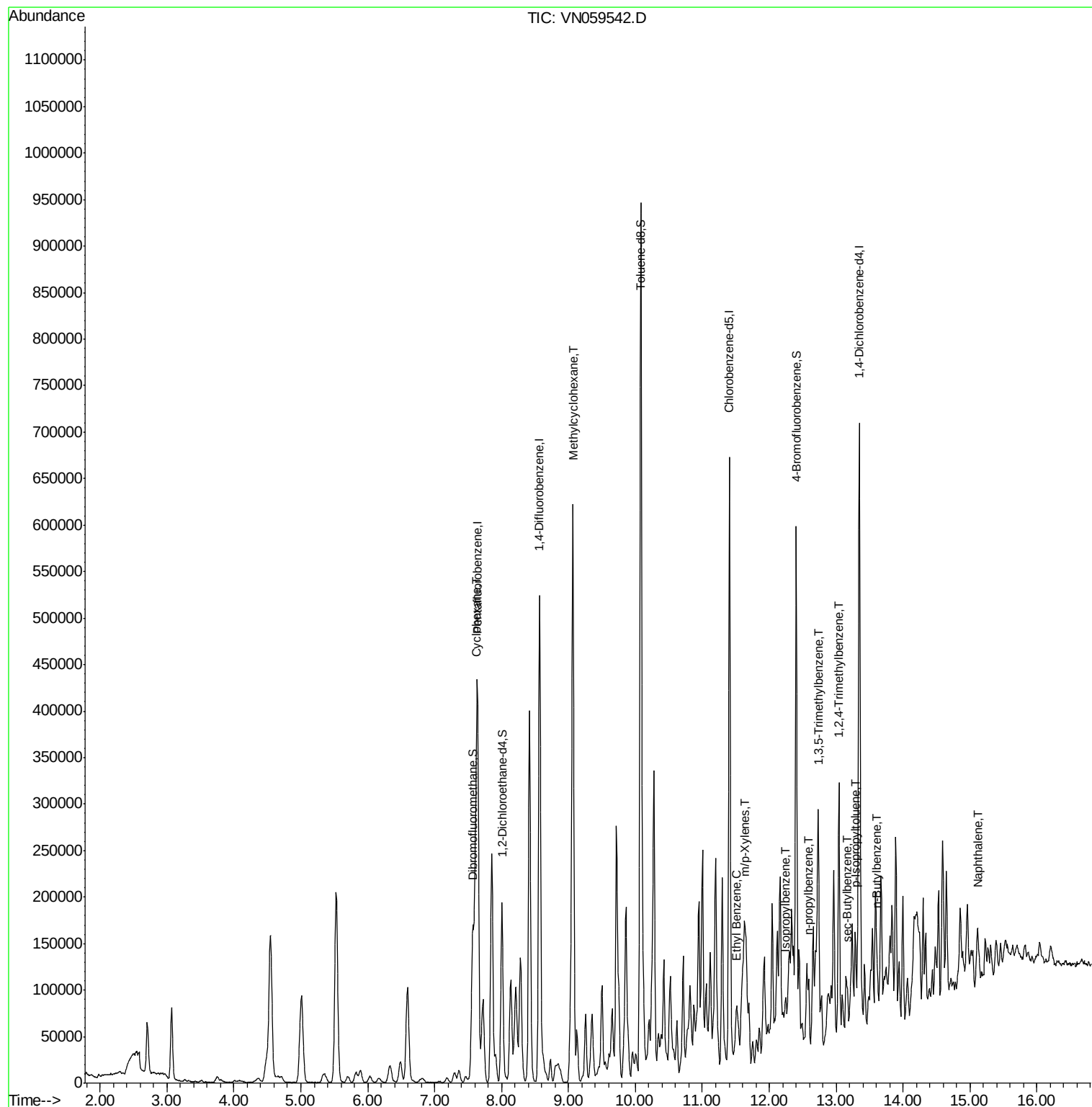
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121019\
Data File : VN059542.D
Acq On : 10 Dec 2019 13:20
Operator : JC/SP
Sample : K6174-01ME
Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

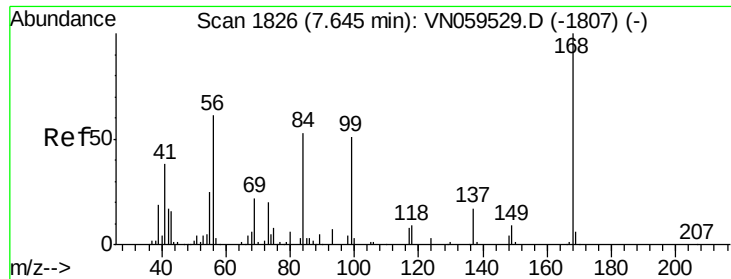
Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

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Quant Time: Dec 11 07:21:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

Tot Ion:168 Resp: 246602

Ion Ratio Lower Upper

168 100

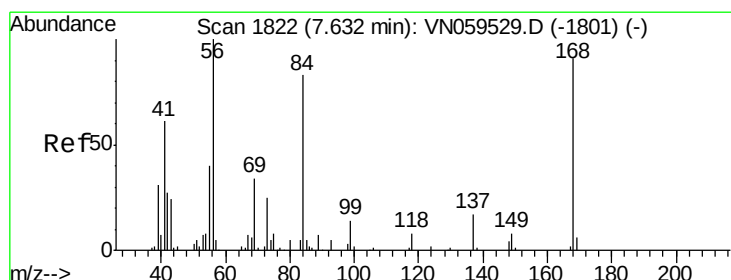
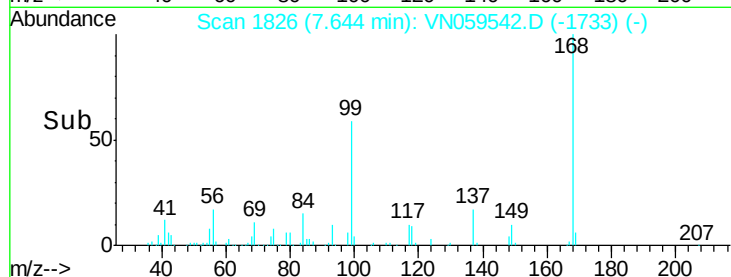
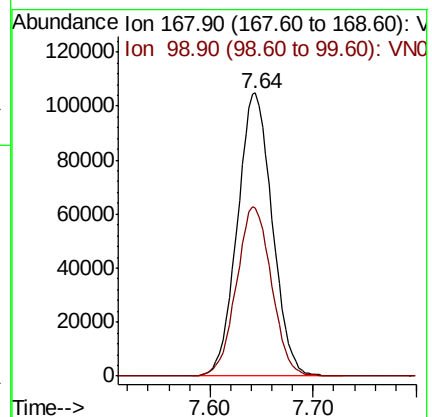
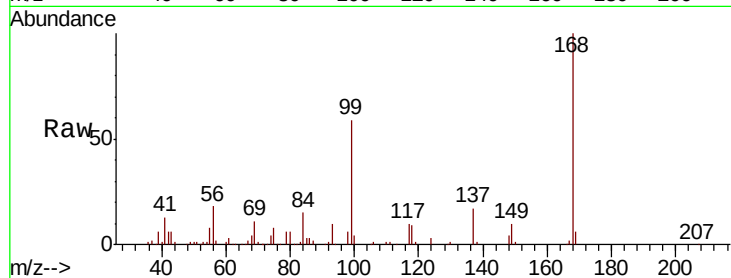
99 59.3 46.6 70.0

Manual Integrations

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#31

Cyclohexane

Concen: 19.192 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.01 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

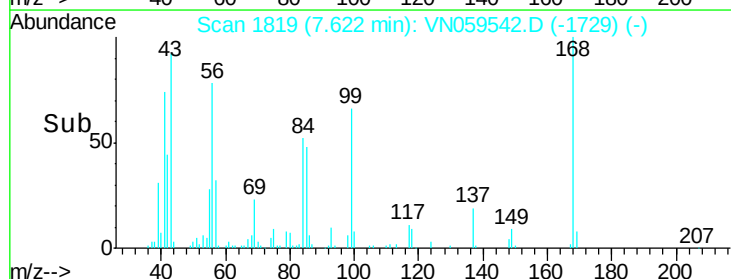
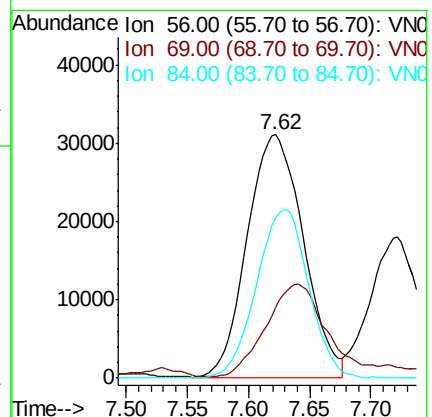
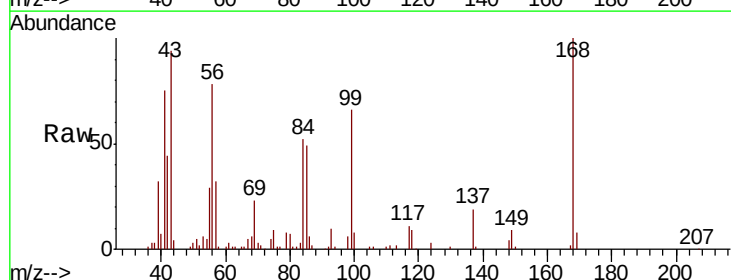
Tgt Ion: 56 Resp: 99670

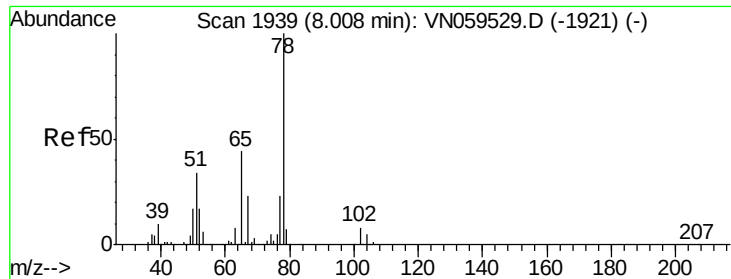
Ion Ratio Lower Upper

56 100

69 28.1 26.9 40.3

84 66.0 66.5 99.7#





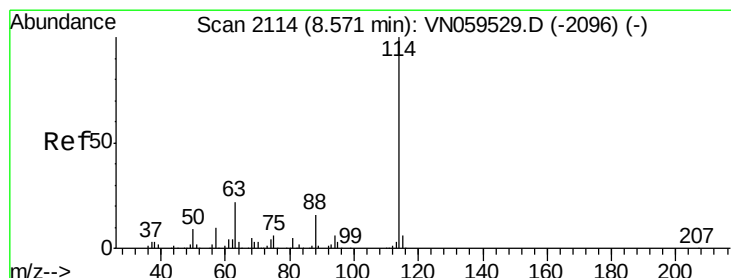
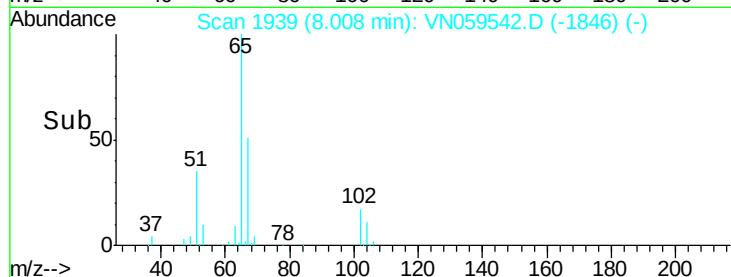
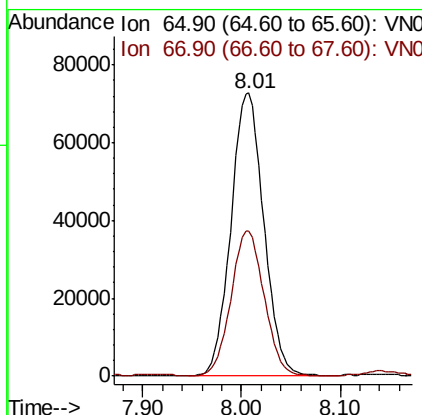
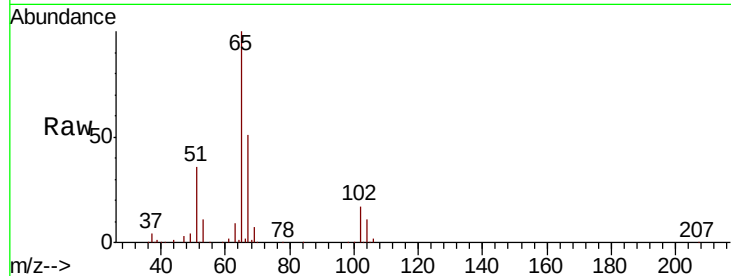
#33
 1,2-Dichloroethane-d4
 Concen: 49.027 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168975		
67	52.0	0.0	103.6	

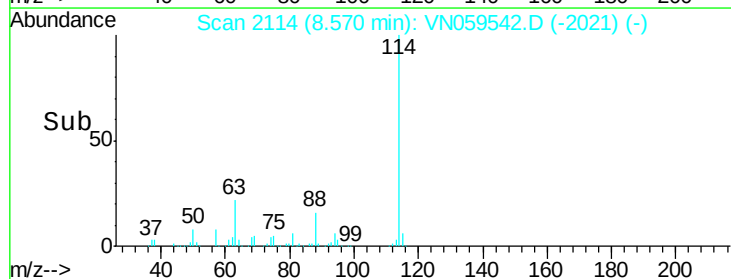
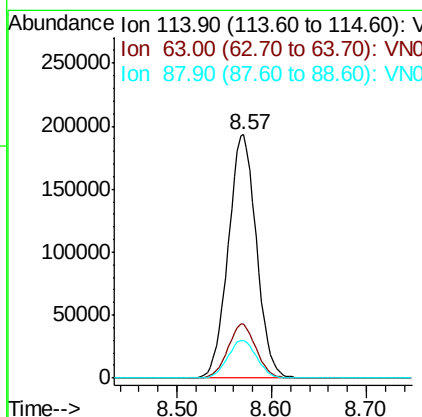
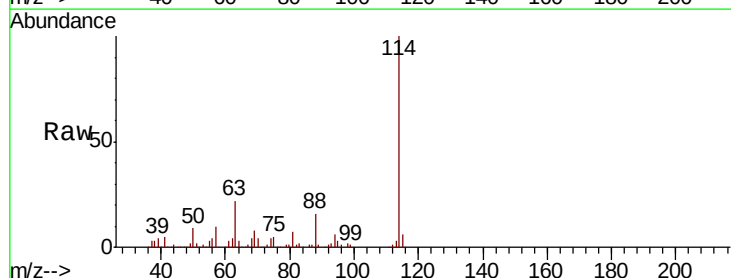
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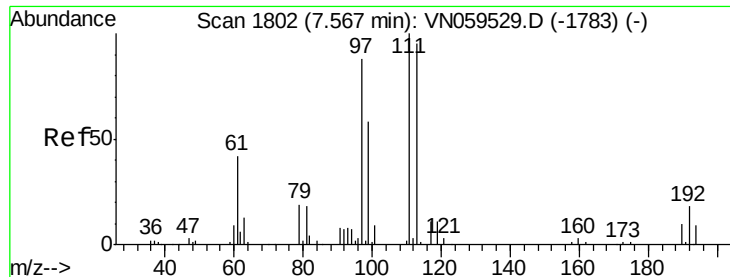
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	398819		
63	22.1	0.0	45.0	
88	15.6	0.0	32.2	





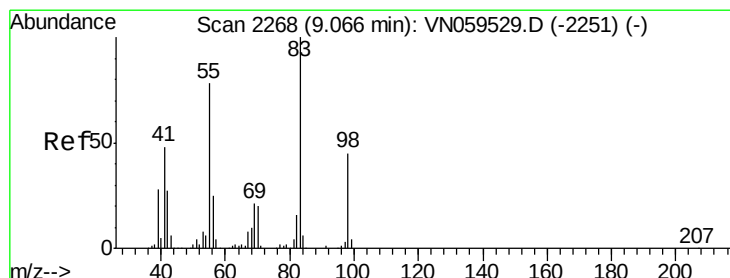
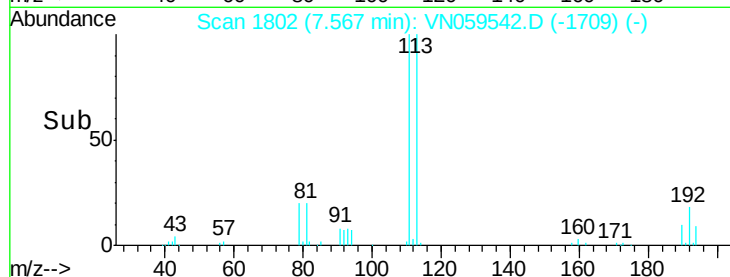
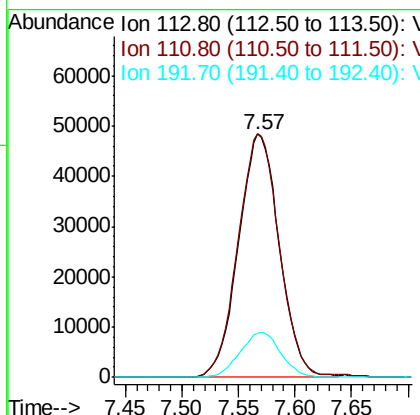
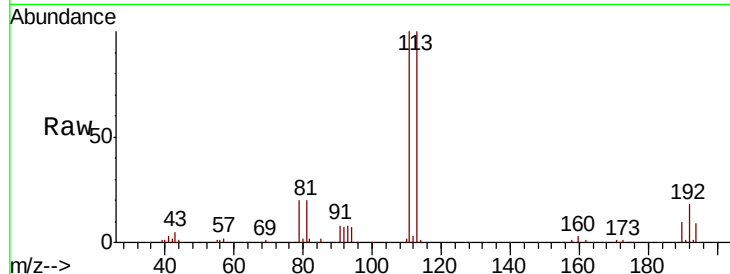
#35
 Dibromofluoromethane
 Concen: 50.870 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.0	82.2	123.4	
192	18.4	14.8	22.2	

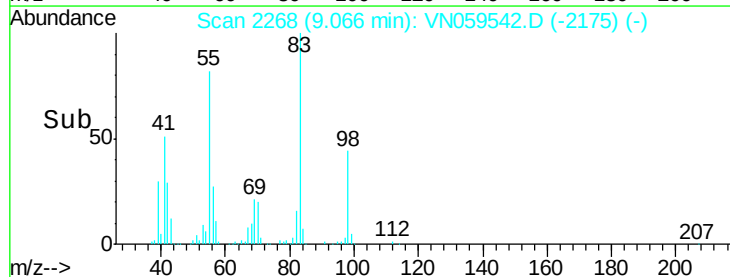
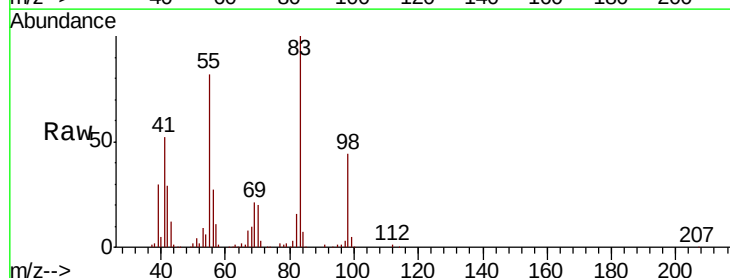
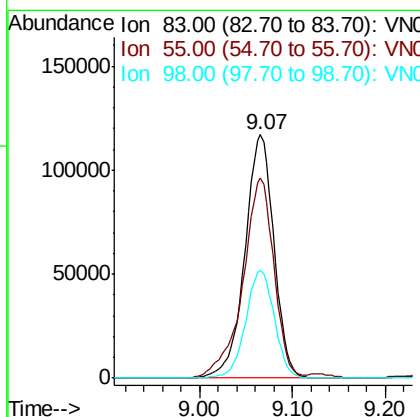
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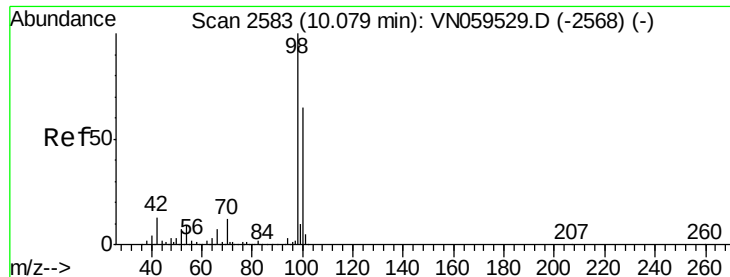
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#39
 Methylcyclohexane
 Concen: 55.385 ug/l
 RT: 9.07 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.9	62.7	94.1	
98	44.1	35.7	53.5	





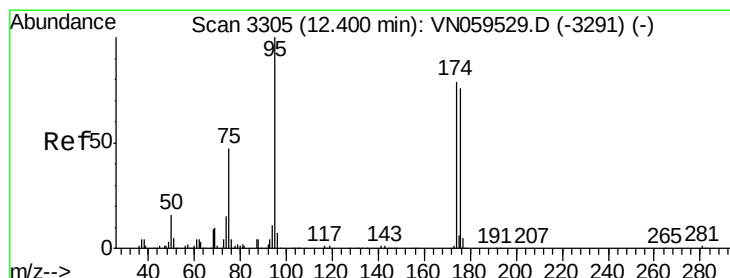
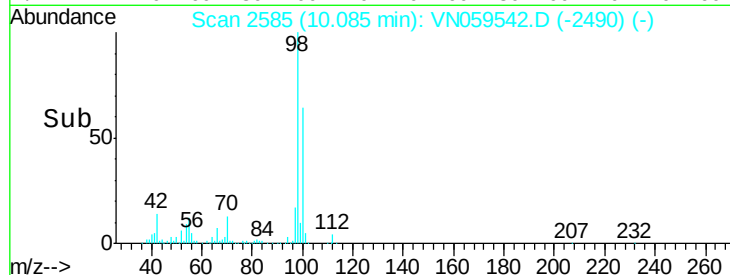
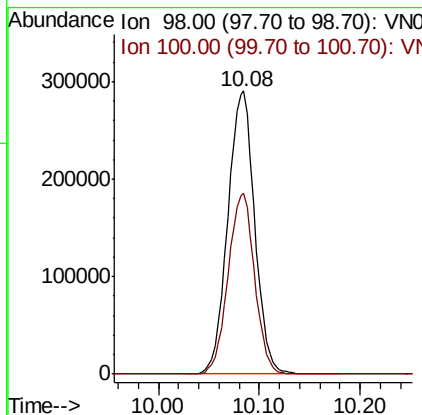
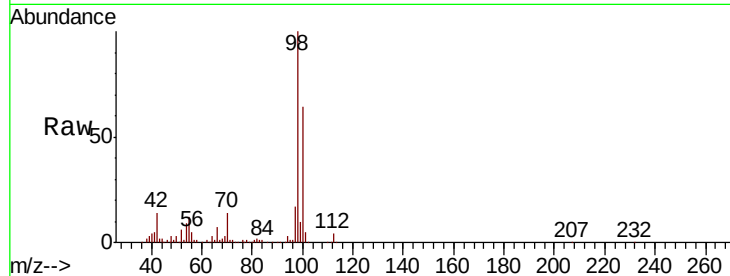
#50
Toluene-d8
Concen: 55.528 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.01 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

Tot Ion: 98 Resp: 539517
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.8

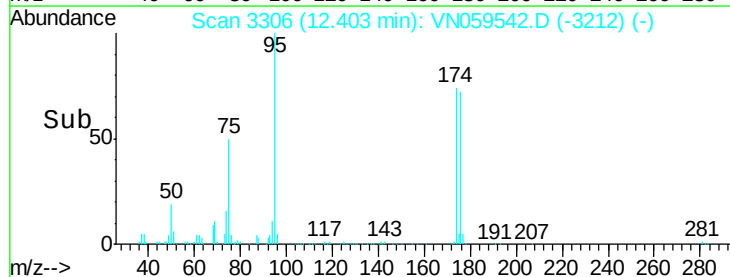
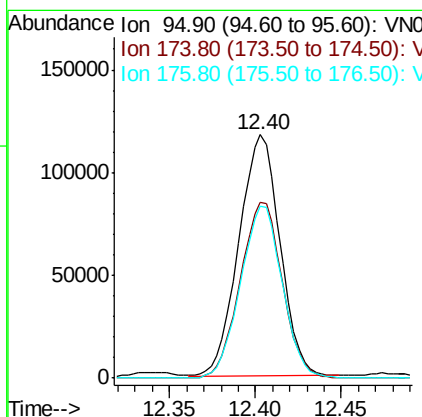
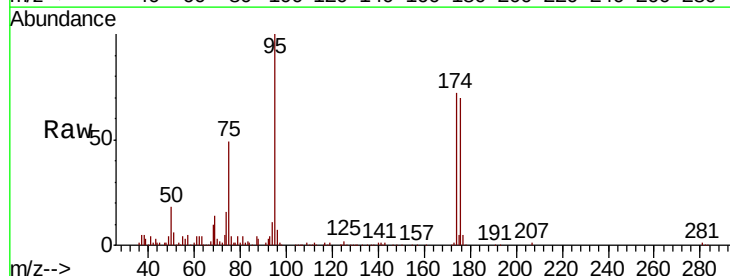
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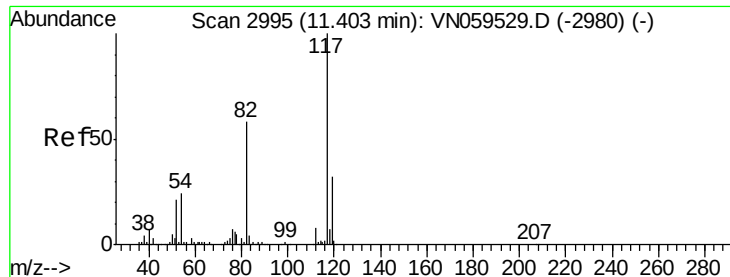
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#62
4-Bromofluorobenzene
Concen: 54.155 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion: 95 Resp: 194773
Ion Ratio Lower Upper
95 100
174 74.6 0.0 158.0
176 72.5 0.0 155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

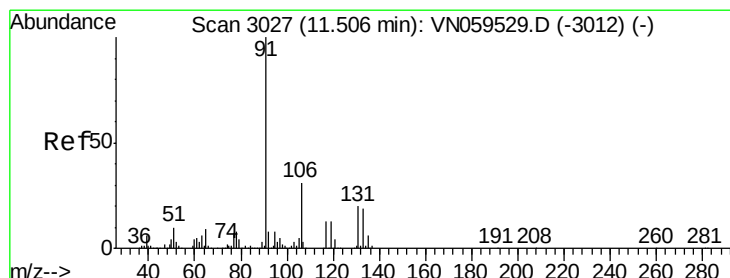
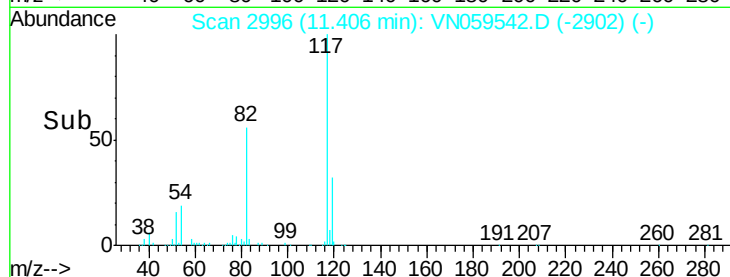
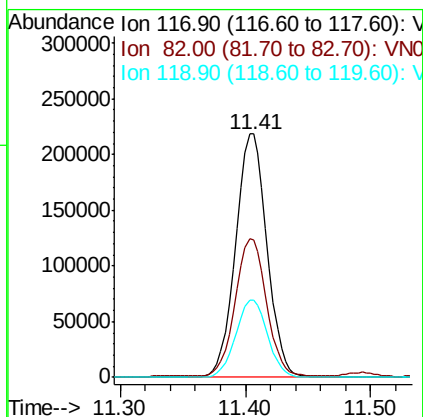
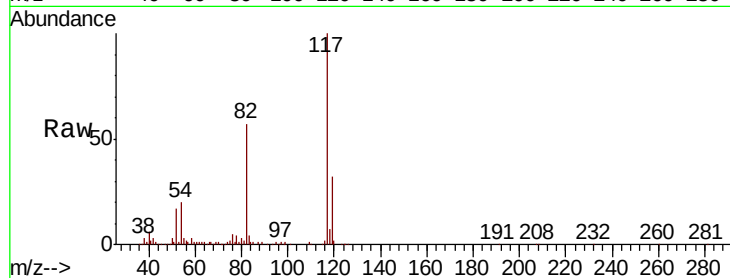
ClientSampleId :

SOLID-COMPME

Tot Ion:	117	Resp:	379375
Ion Ratio	Lower	Upper	
117	100		
82	56.0	46.5	69.7
119	31.8	25.2	37.8

Manual Integrations
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#67

Ethyl Benzene

Concen: 1.400 ug/l

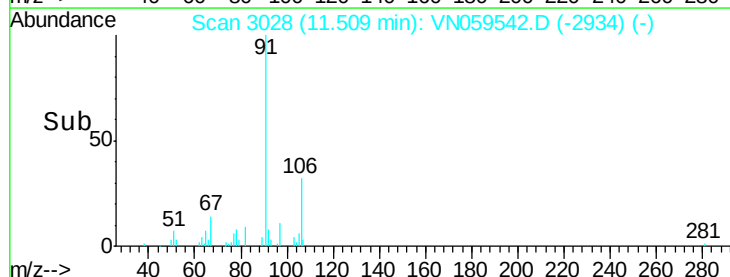
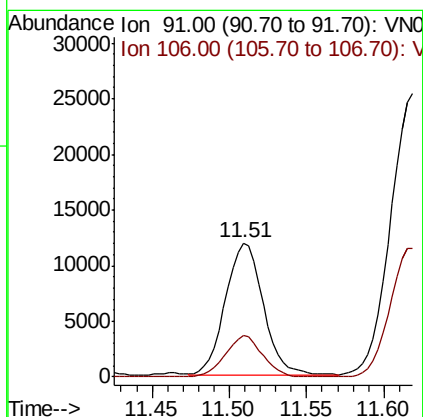
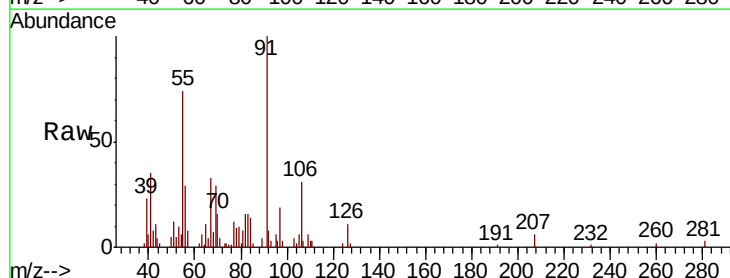
RT: 11.51 min Scan# 3028

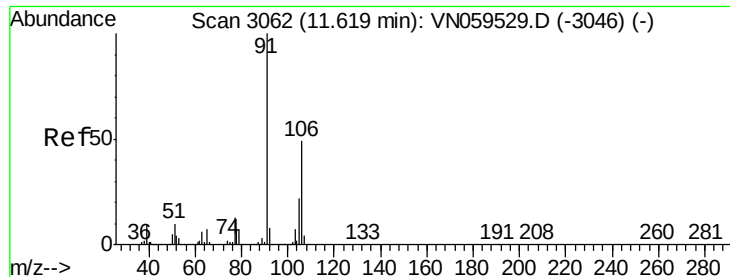
Delta R.T. 0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Tgt Ion:	91	Resp:	20019
Ion Ratio	Lower	Upper	
91	100		
106	31.3	24.5	36.7





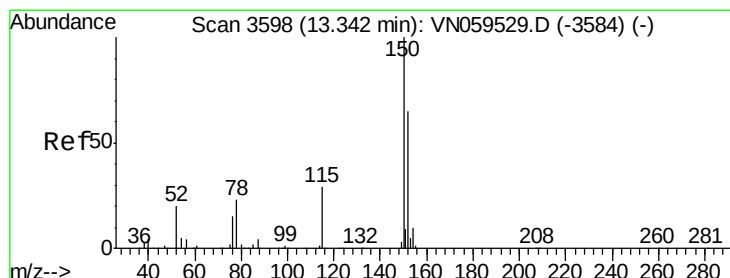
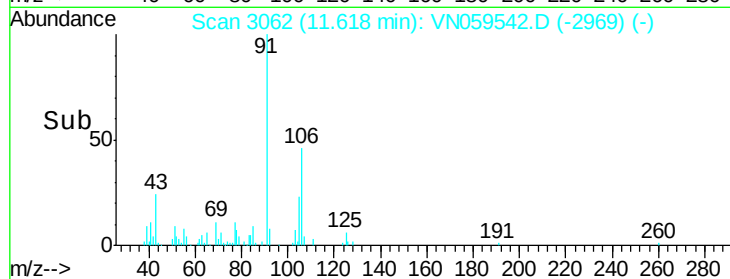
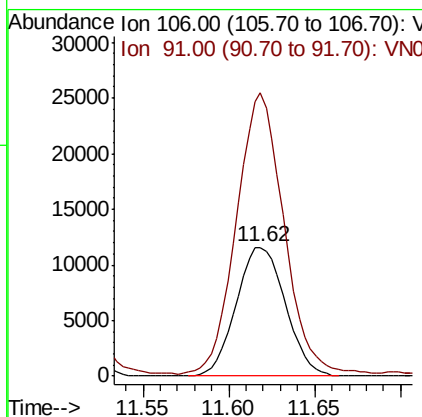
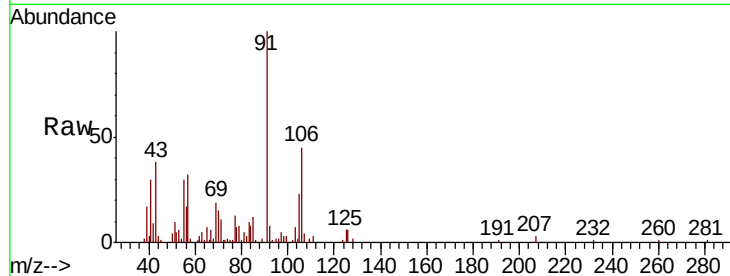
#68
m/p-Xvlenes
Concen: 4.290 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

Tot Ion:106 Resp: 23018
Ion Ratio Lower Upper
106 100
91 209.6 162.9 244.3

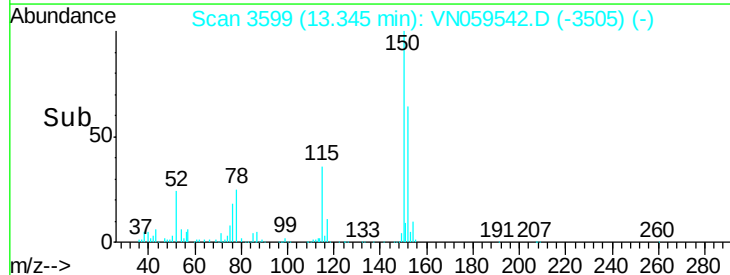
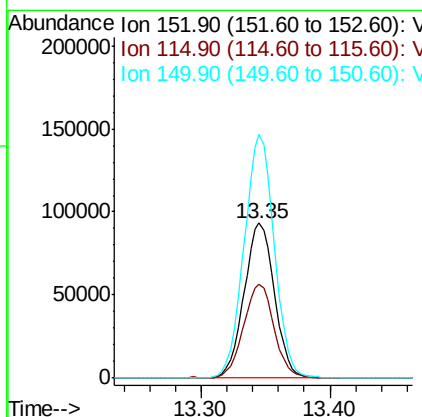
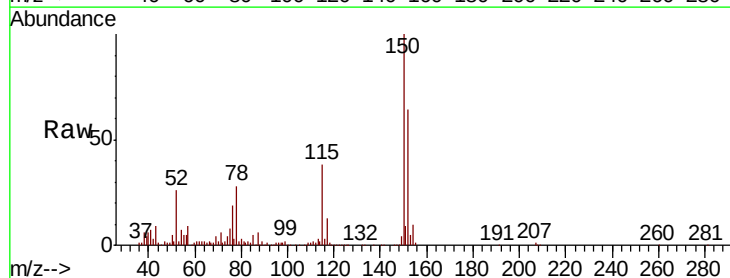
Manual Integrations
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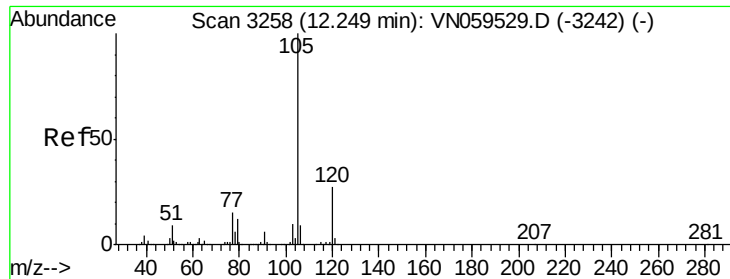
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion:152 Resp: 153262
Ion Ratio Lower Upper
152 100
115 60.2 29.4 88.2
150 155.6 0.0 342.4





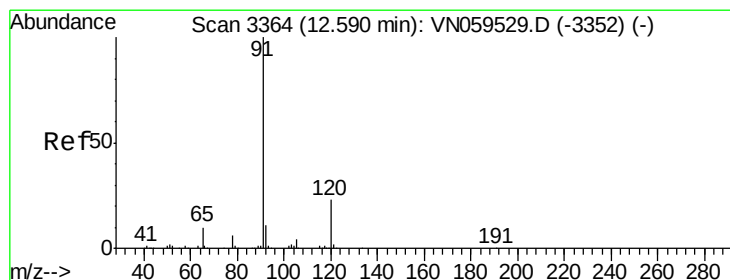
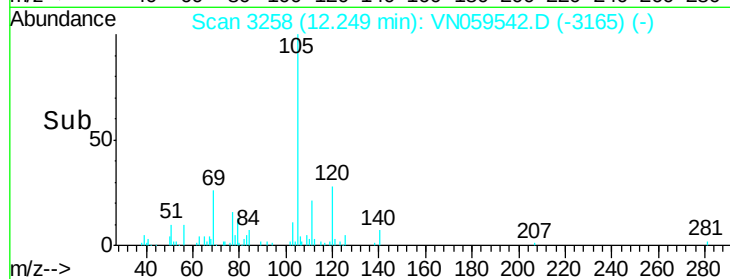
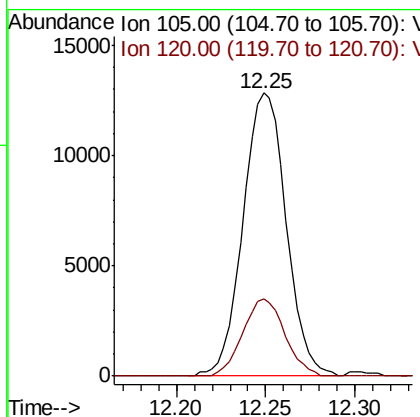
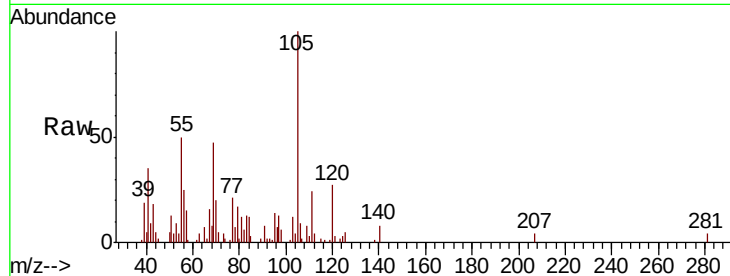
#73
Isopropylbenzene
Concen: 1.887 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.5

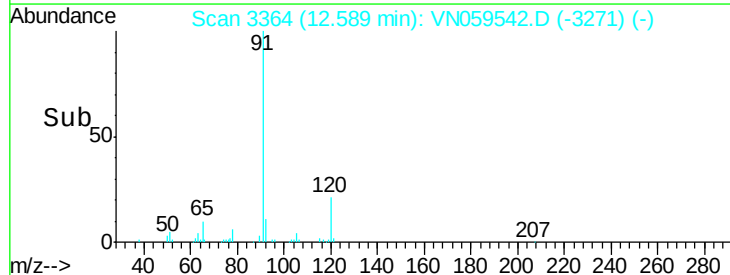
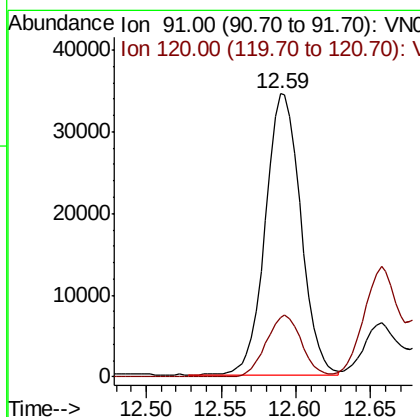
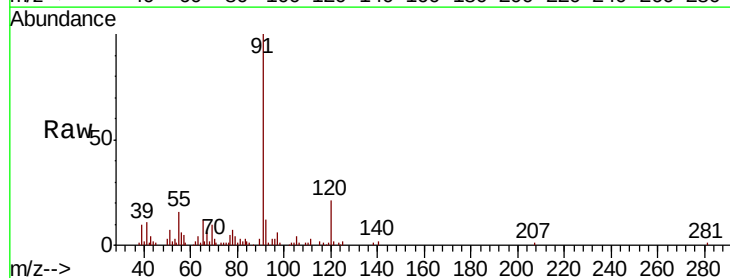
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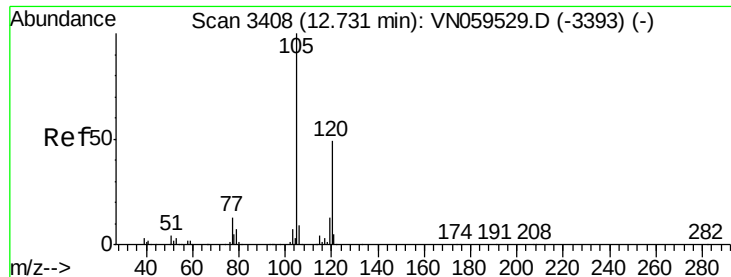
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#78
n-propylbenzene
Concen: 3.993 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.4	34.1





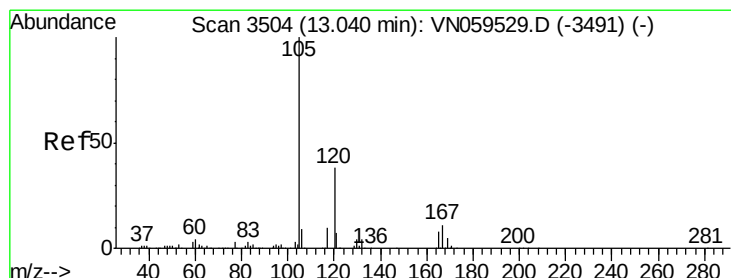
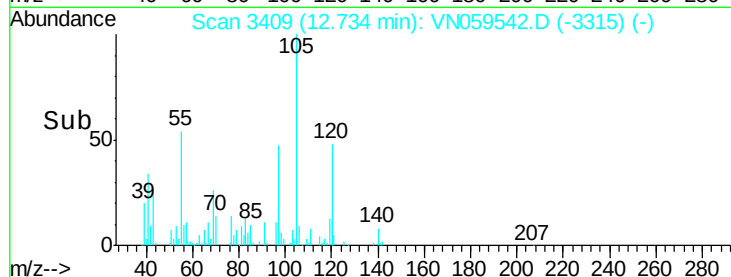
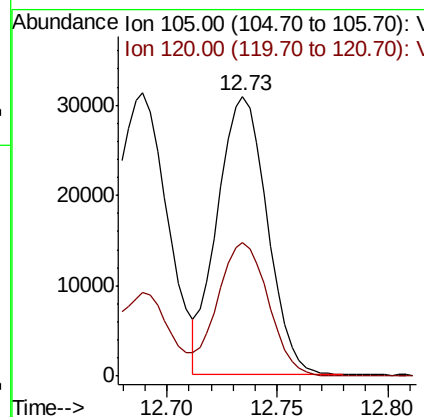
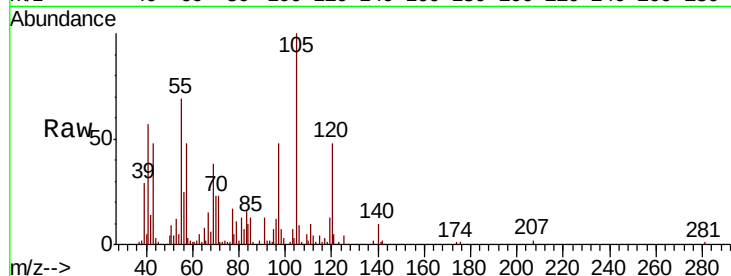
#80
 1,3,5-Trimethylbenzene
 Concen: 4.886 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.5	73.5

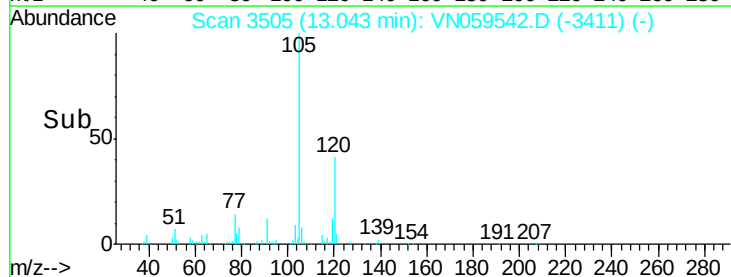
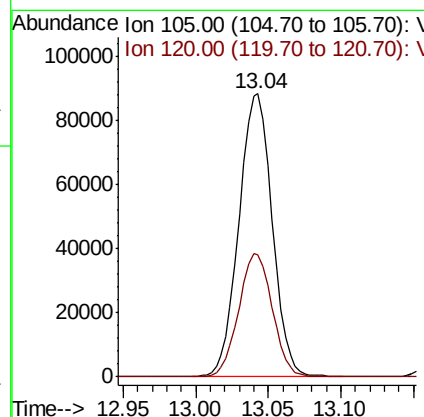
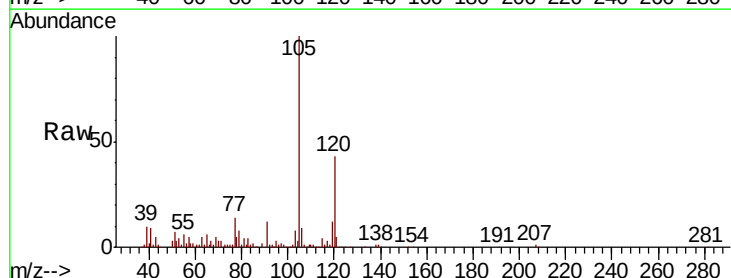
Manual Integrations
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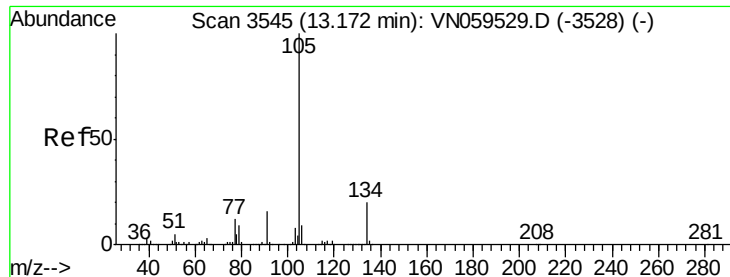
apatel
 12/11/2019 2:15:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 14.525 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.8	68.3





#85

sec-Butylbenzene

Concen: 1.629 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

Tot Ion:105 Resp: 18394

Ion Ratio Lower Upper

105 100

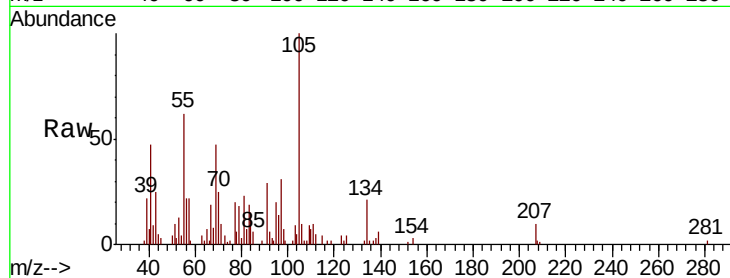
134 32.9 9.8 29.5#

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12000

10000

8000

6000

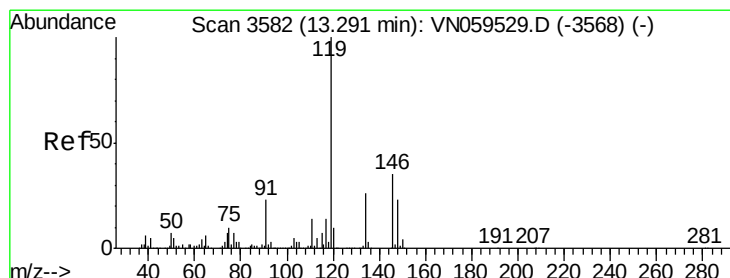
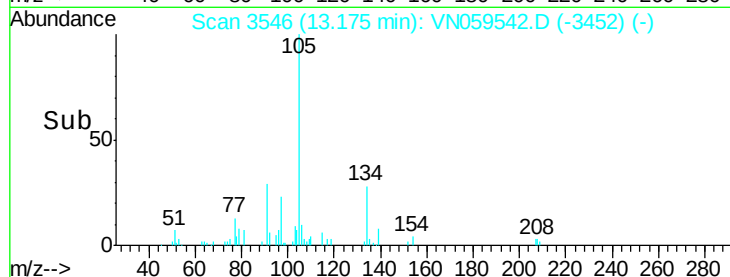
4000

2000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 0.976 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

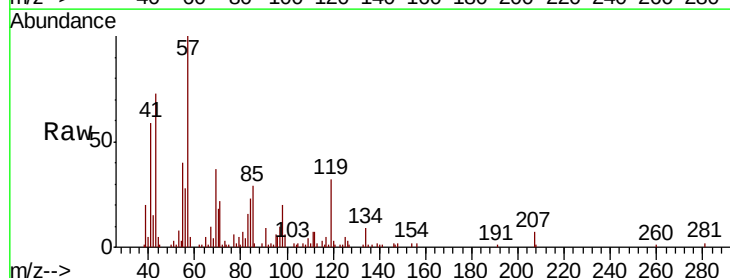
Tgt Ion:119 Resp: 9854

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 26.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

8000

6000

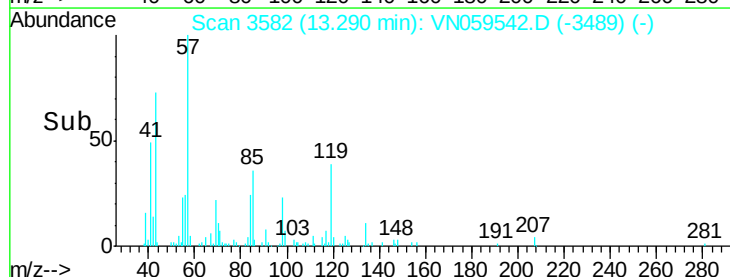
4000

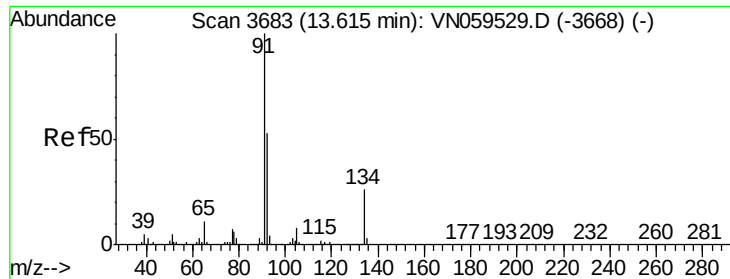
2000

0

13.25 13.30

Time-->





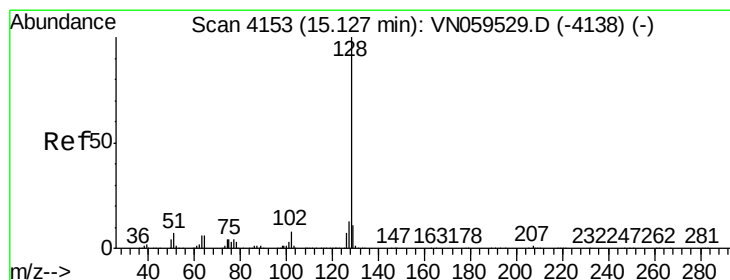
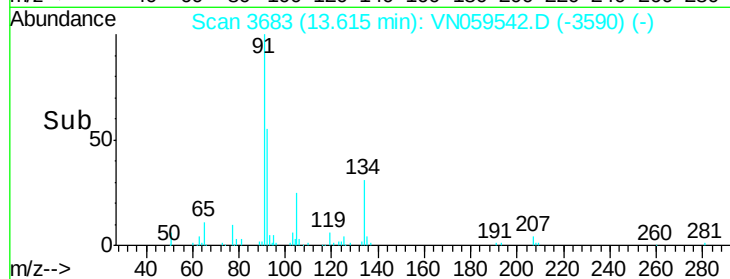
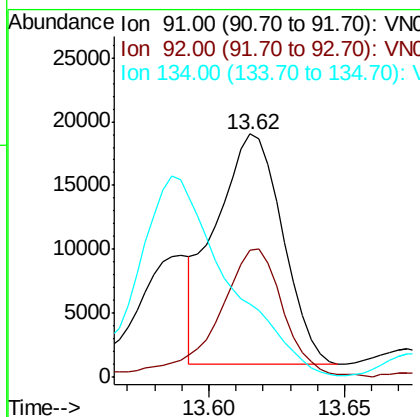
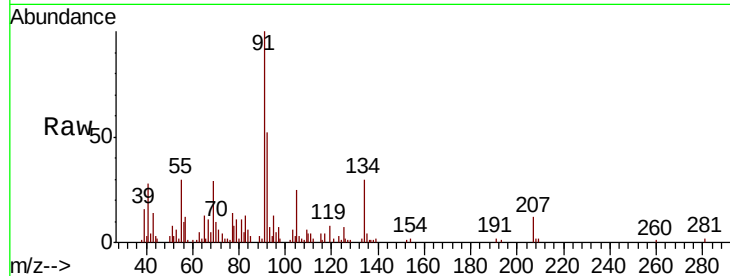
#89
n-Butylbenzene
Concen: 3.248 ug/l m
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.3	78.9
134	0.0	12.8	38.4#

Manual Integrations
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apatel
12/11/2019 2:15:56 PM



#95
Naphthalene
Concen: 2.025 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.3	10.2	15.4#
129	12.7	8.6	13.0

