

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064225.D
 Acq On : 21 Oct 2020 16:45
 Operator : JC/MD
 Sample : L4434-02ME
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16757-SME

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:12 PM

Quant Time: Oct 22 02:17:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	180575	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	7.54	113	136552	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.06	98	517664	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.38	95	235689	58.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.14%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	4602m	4.576	ug/l	
39) Methylcyclohexane	9.04	83	3778	1.004	ug/l	92
51) 4-Methyl-2-Pentanone	9.96	43	6698	1.790	ug/l	91
52) Toluene	10.13	92	17176	2.350	ug/l	95
67) Ethyl Benzene	11.48	91	16450	1.026	ug/l	100
68) m/p-Xylenes	11.59	106	27404	4.613	ug/l	89
69) o-Xylene	11.92	106	19447	3.385	ug/l	94
84) 1,2,4-Trimethylbenzene	13.02	105	19924	1.519	ug/l	95
95) Naphthalene	15.10	128	121712	11.284	ug/l	99

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

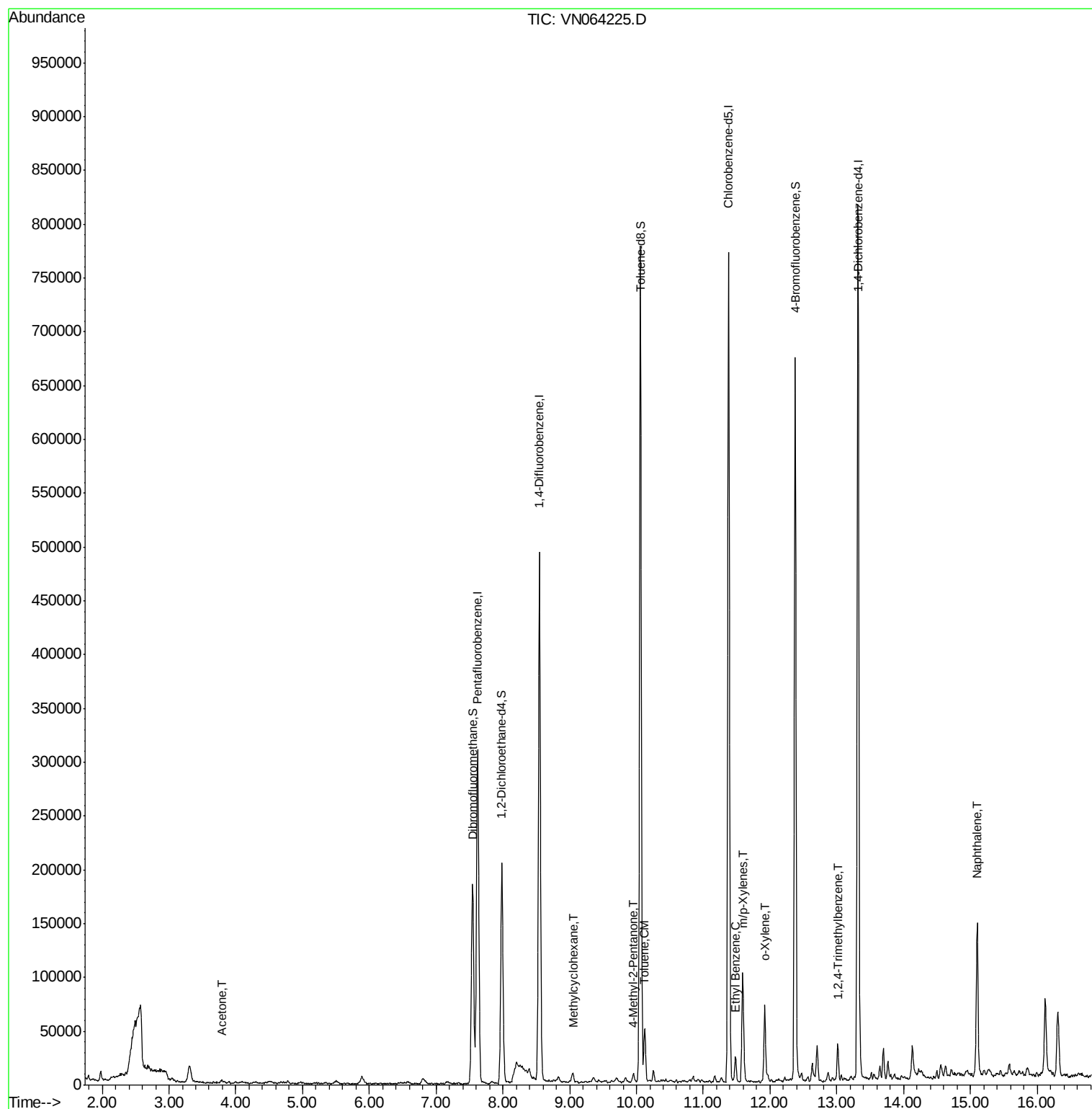
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102120\
Data File : VN064225.D
Acq On : 21 Oct 2020 16:45
Operator : JC/MD
Sample : L4434-02ME
Misc : 5.00µL/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

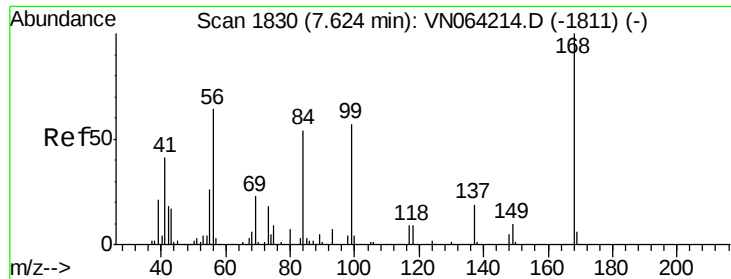
Instrument :
MSVOA_N
ClientSampleId :
16757-SME

Manual Integrations
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Quant Time: Oct 22 02:17:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064225.D

Acq: 21 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

16757-SME

Tot Ion:168 Resp: 236670

Ion Ratio Lower Upper

168 100

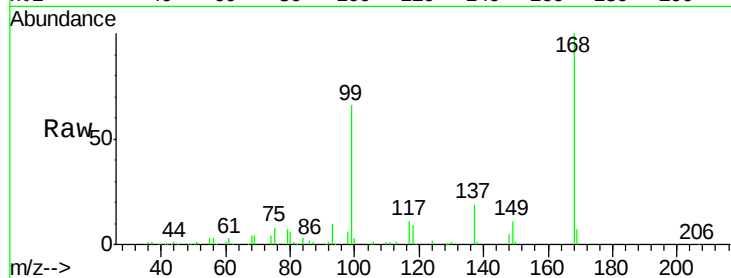
99 66.3 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

60000

40000

20000

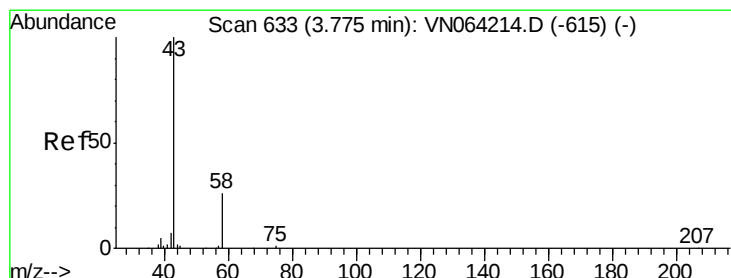
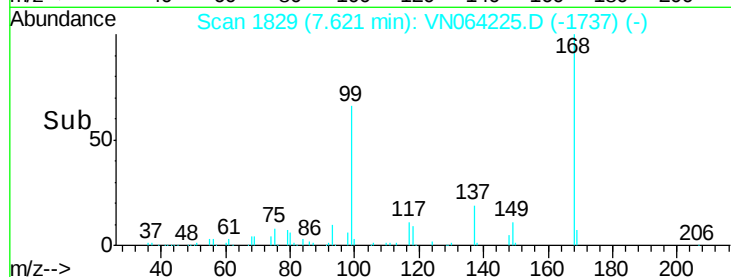
0

Time-->

7.50

7.60

7.70



#16

Acetone

Concen: 4.576 ug/l m

RT: 3.79 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN064225.D

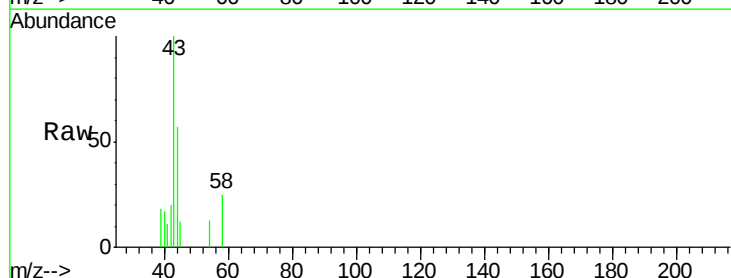
Acq: 21 Oct 2020 16:45

Tgt Ion: 43 Resp: 4602

Ion Ratio Lower Upper

43 100

58 25.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

1500

1000

500

0

Time-->

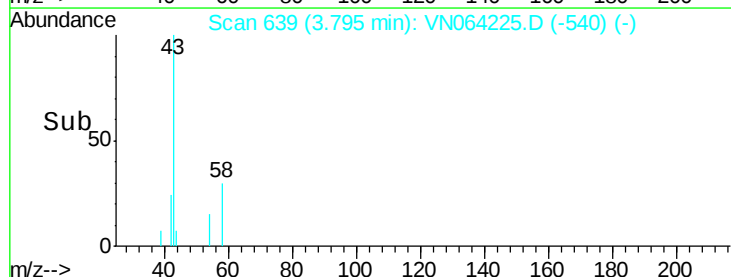
3.70

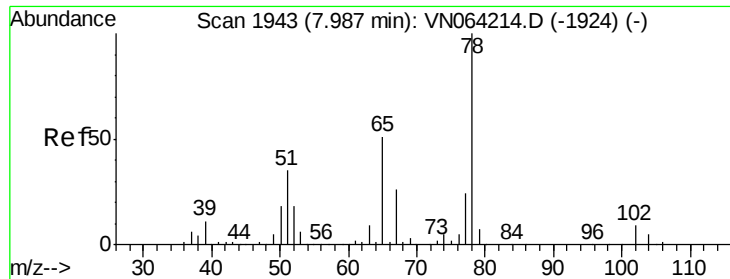
3.75

3.80

3.85

3.90





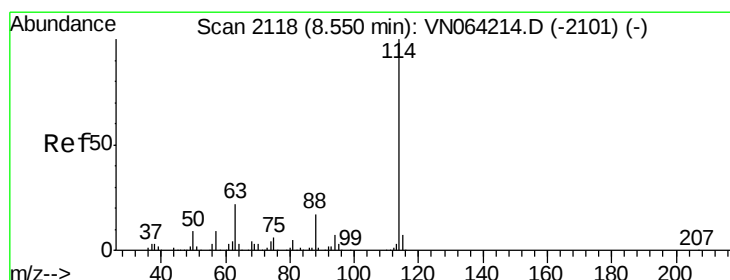
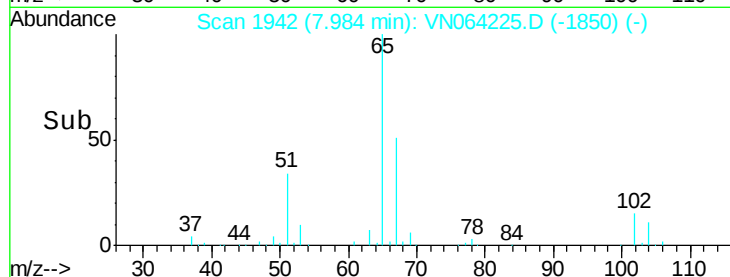
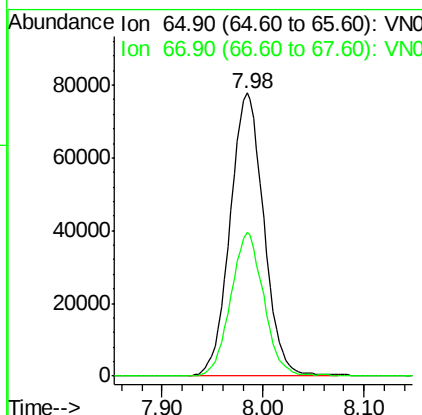
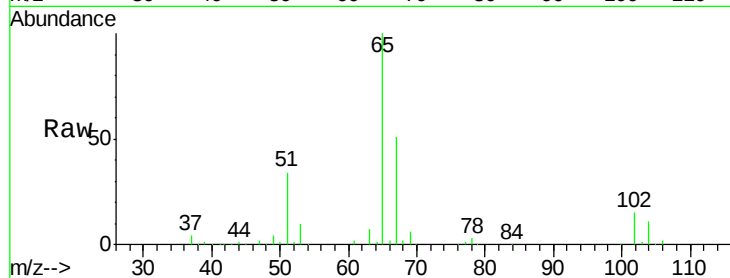
#33
 1,2-Dichloroethane-d4
 Concen: 51.377 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064225.D
 Acq: 21 Oct 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 16757-SME

Tot Ion	Ratio	Resp	Lower	Upper
65	100	180575		
67	49.4	0.0	100.2	

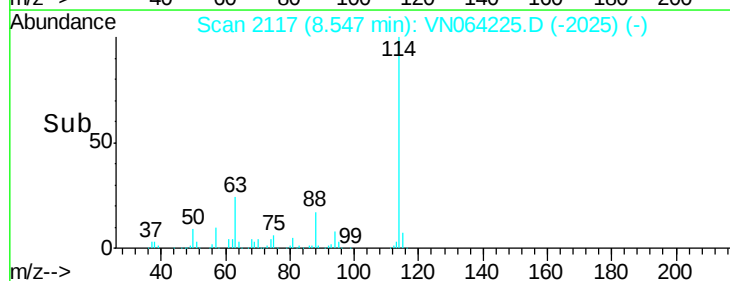
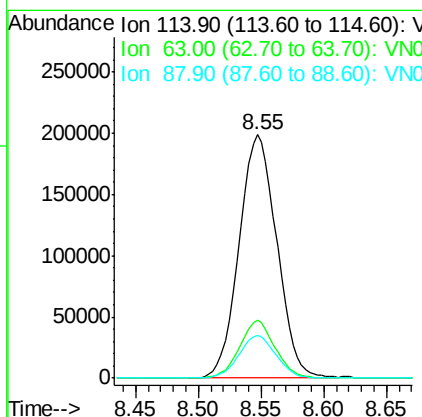
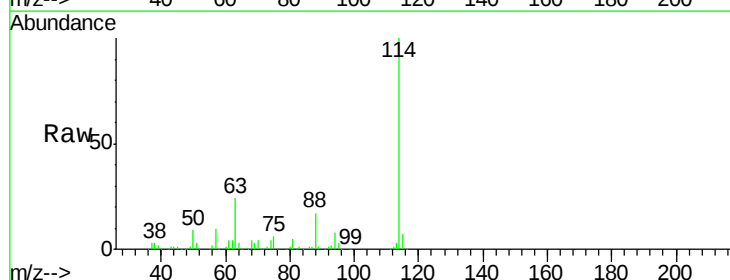
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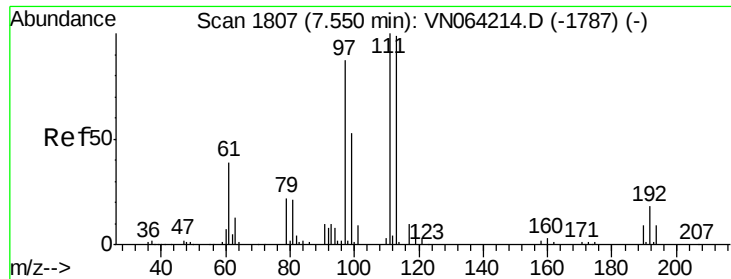
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064225.D
 Acq: 21 Oct 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	415148		
63	24.0	0.0	44.0	
88	17.4	0.0	34.2	





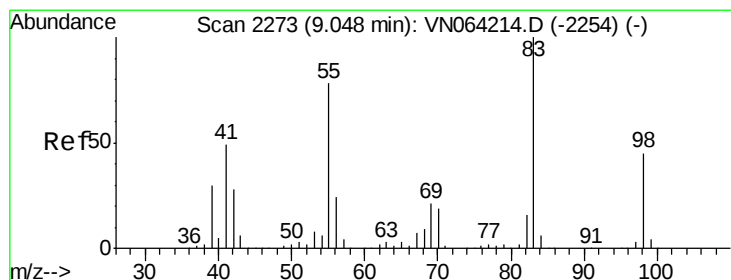
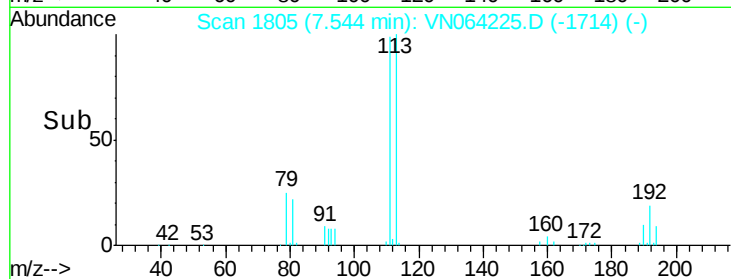
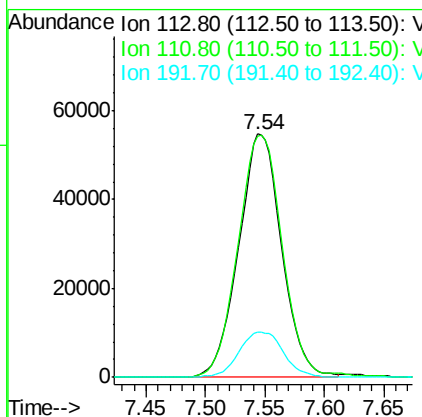
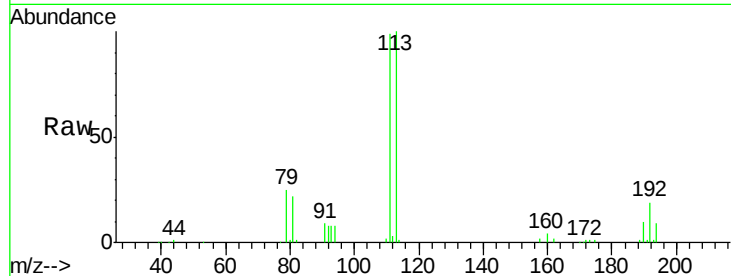
#35
Dibromofluoromethane
Concen: 49.474 ug/l
RT: 7.54 min Scan# 1805
Delta R.T. -0.01 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
16757-SME

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136552		
111	103.4	84.2	126.2	
192	19.3	15.2	22.8	

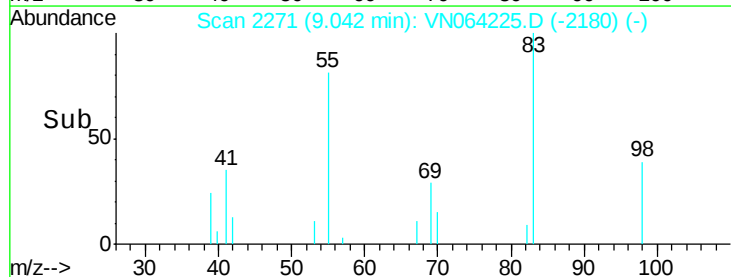
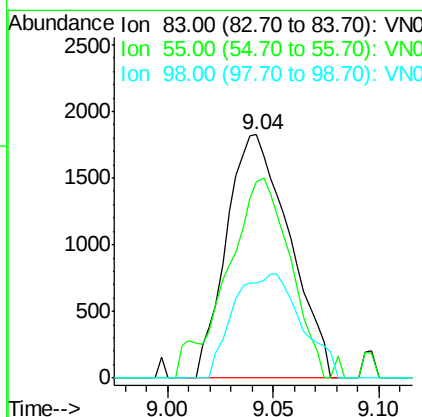
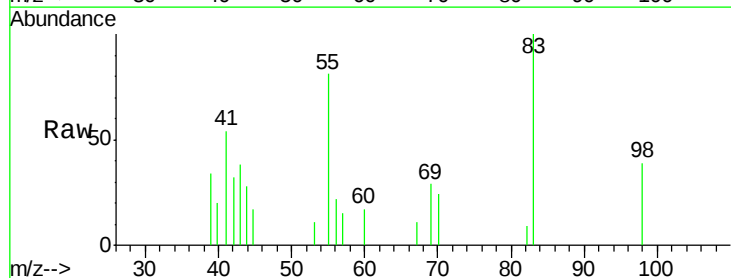
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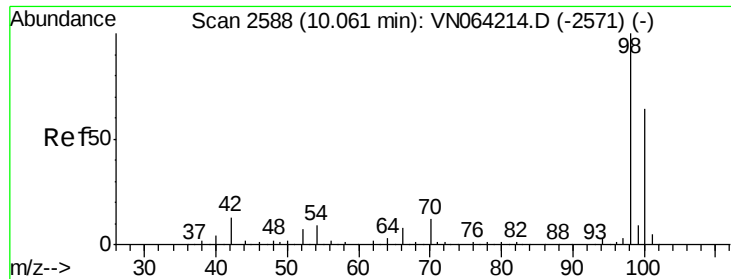
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#39
Methylcyclohexane
Concen: 1.004 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	3778		
55	71.6	62.2	93.2	
98	38.9	35.9	53.9	





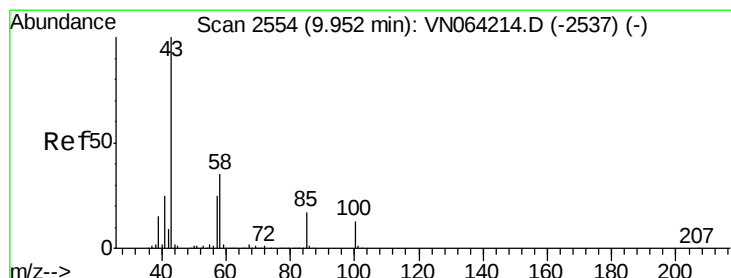
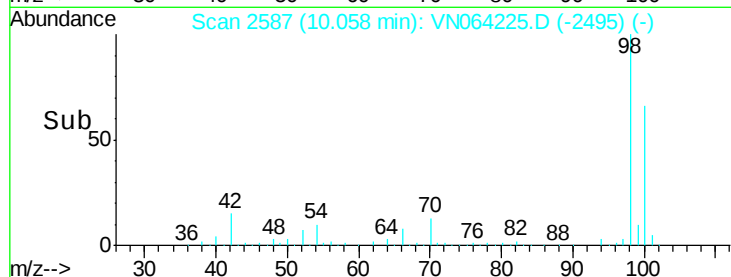
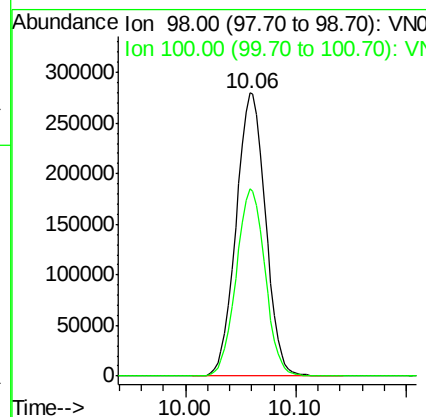
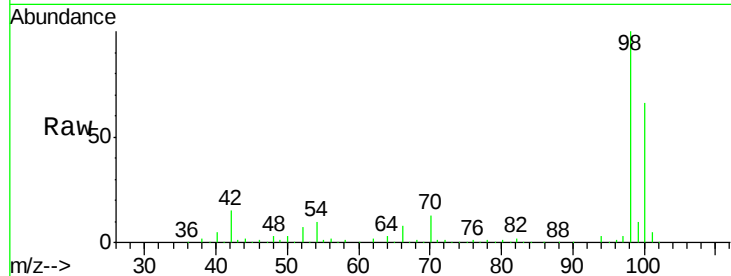
#50
Toluene-d8
Concen: 51.703 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
16757-SME

Tot Ion: 98 Resp: 517664
Ion Ratio Lower Upper
98 100
100 65.0 50.8 76.2

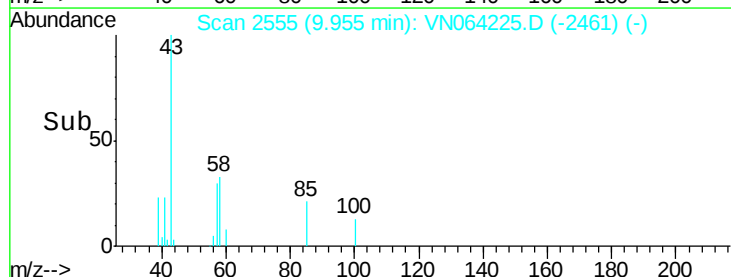
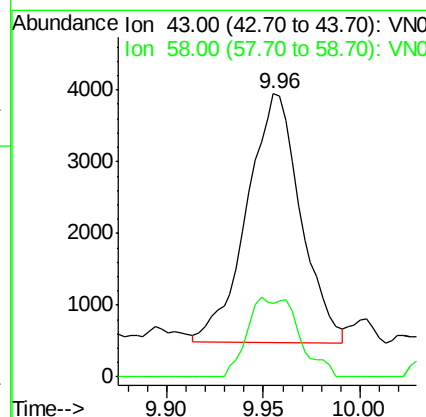
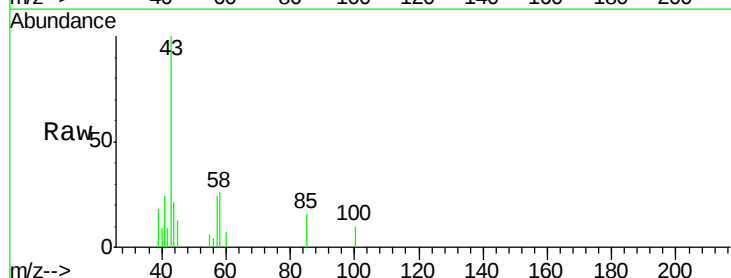
Manual Integrations
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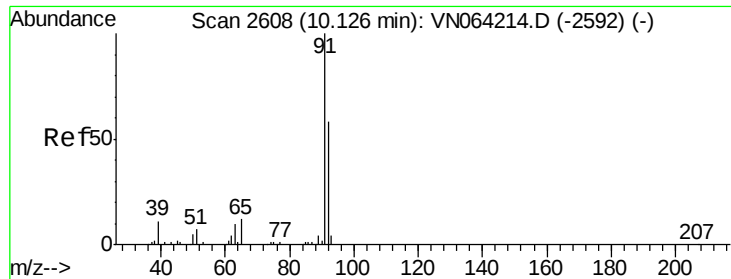
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#51
4-Methyl-2-Pentanone
Concen: 1.790 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Tgt Ion: 43 Resp: 6698
Ion Ratio Lower Upper
43 100
58 30.6 28.6 42.8





#52

Toluene

Concen: 2.350 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064225.D

Acq: 21 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

16757-SME

Tot Ion: 92 Resp: 17176

Ion Ratio Lower Upper

92 100

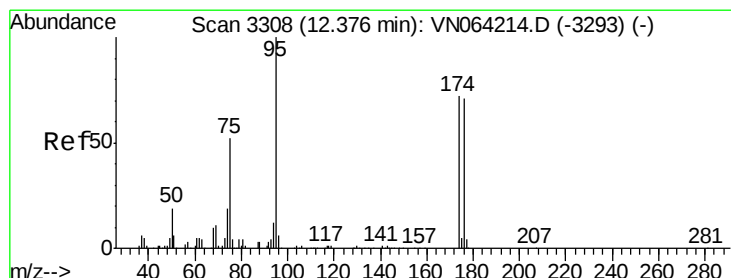
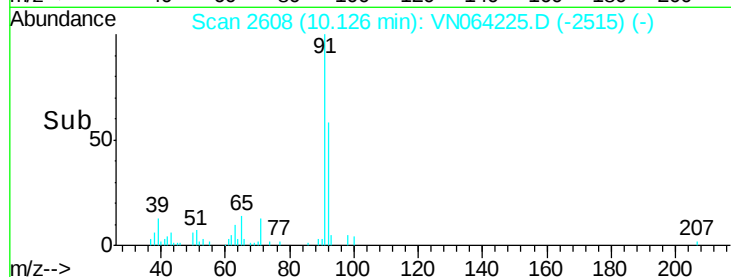
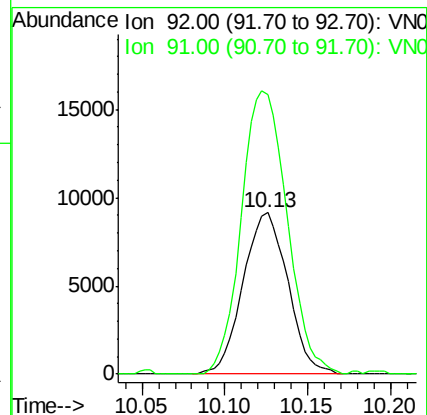
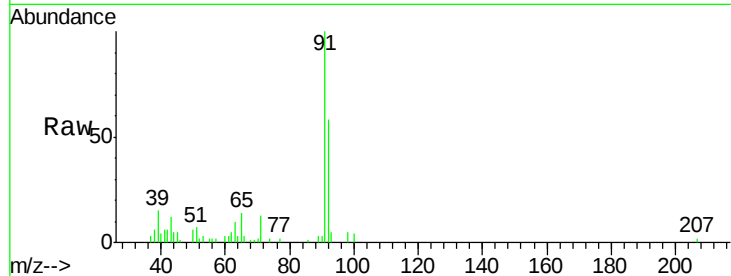
91 179.4 137.4 206.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 58.067 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064225.D

Acq: 21 Oct 2020 16:45

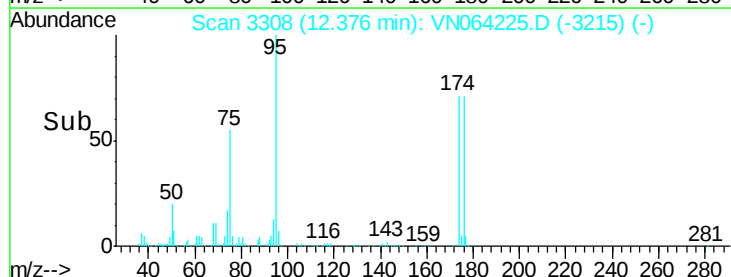
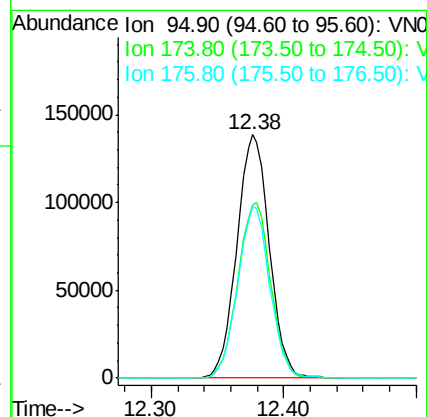
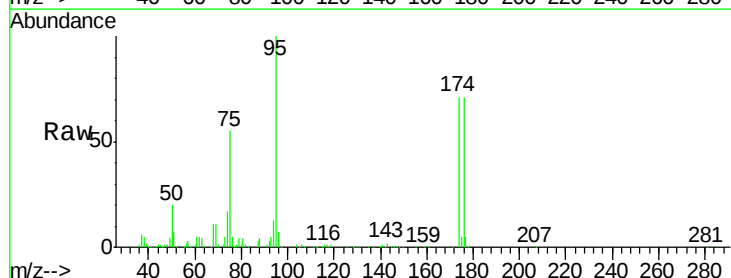
Tgt Ion: 95 Resp: 235689

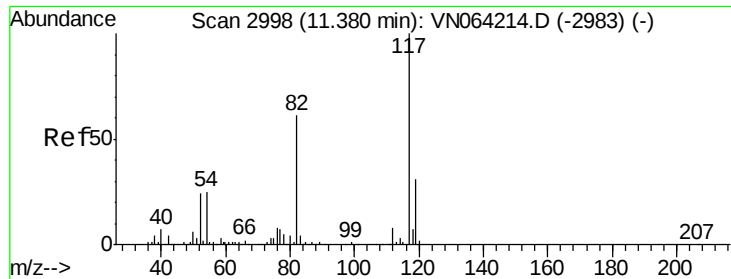
Ion Ratio Lower Upper

95 100

174 72.9 0.0 144.4

176 69.9 0.0 139.2





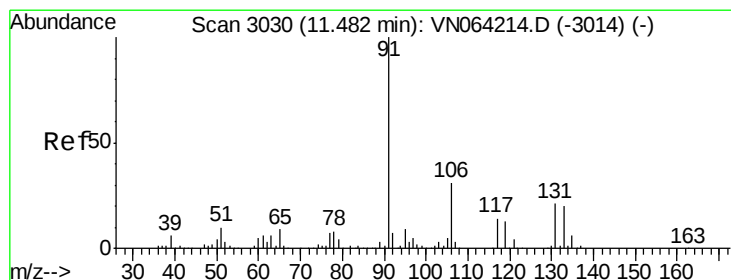
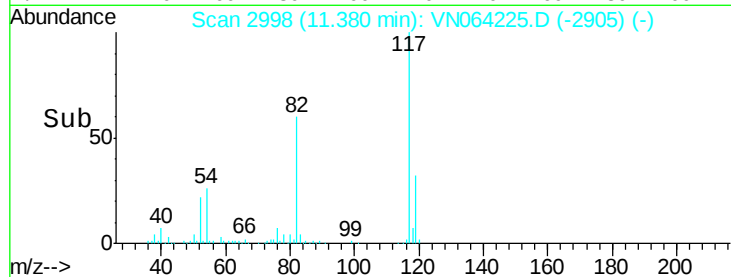
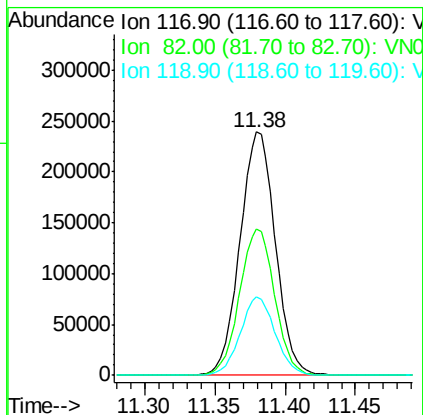
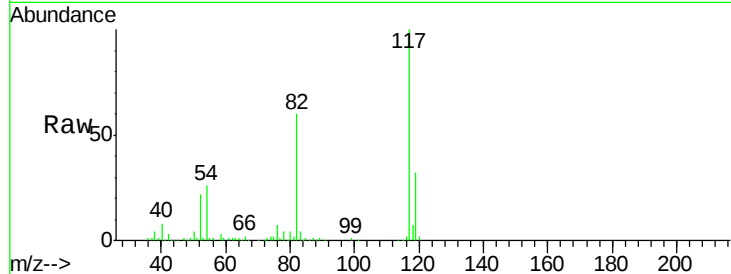
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
16757-SME

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.8	73.2
119	32.1	24.7	37.1

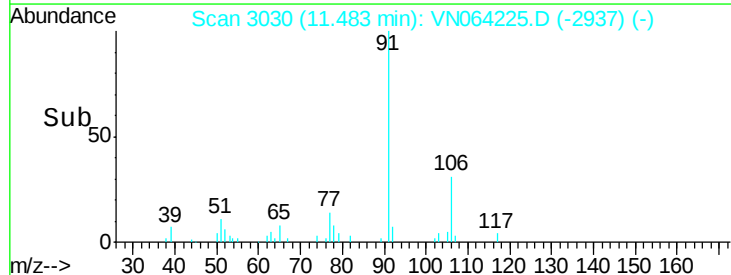
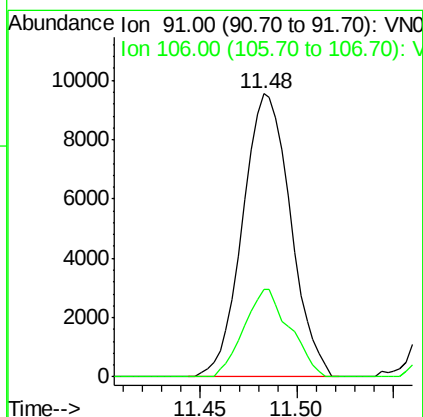
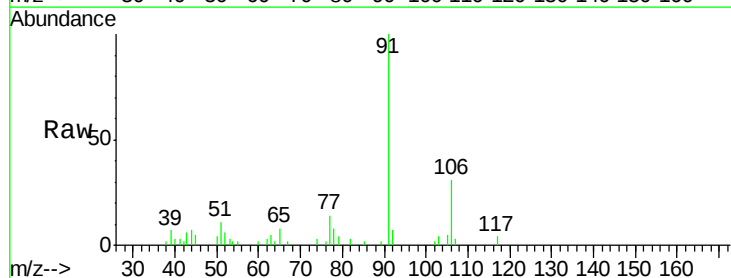
Manual Integrations
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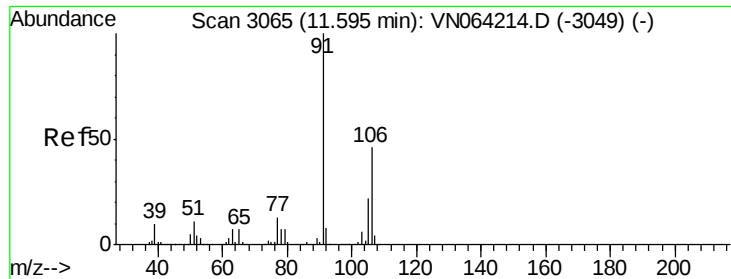
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#67
Ethyl Benzene
Concen: 1.026 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.8	37.2





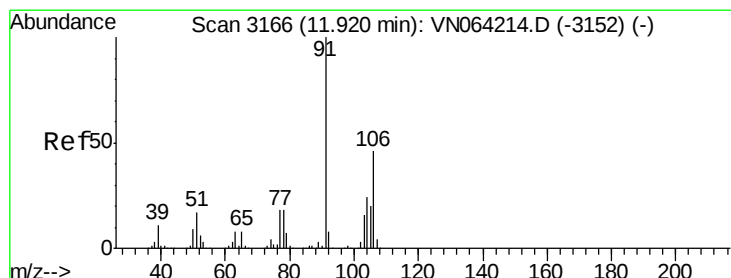
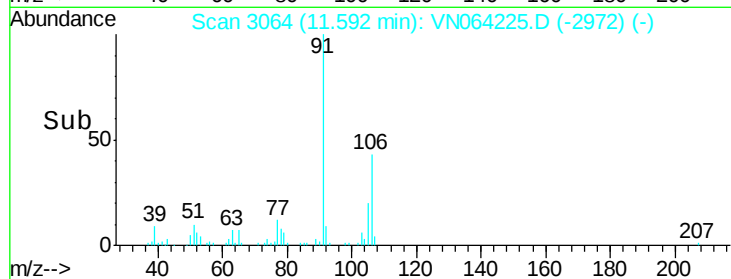
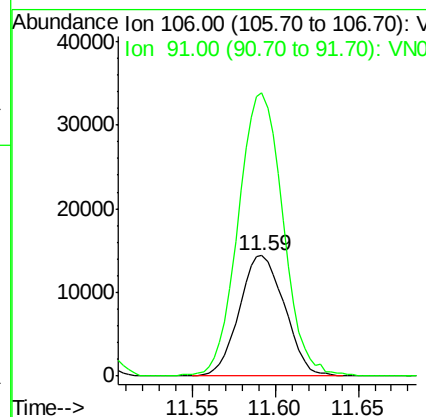
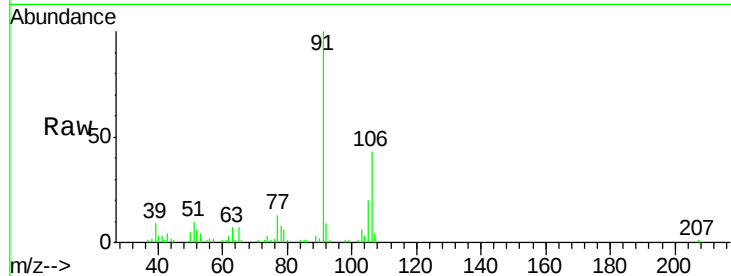
#68
m/p-Xylenes
Concen: 4.613 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
16757-SME

Tot Ion:106 Resp: 27404
Ion Ratio Lower Upper
106 100
91 232.5 172.2 258.2

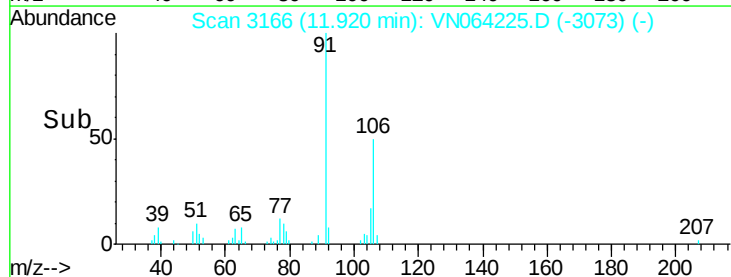
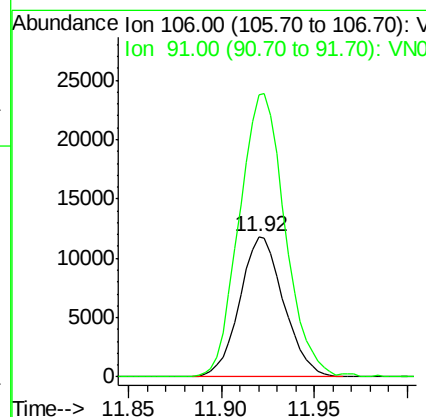
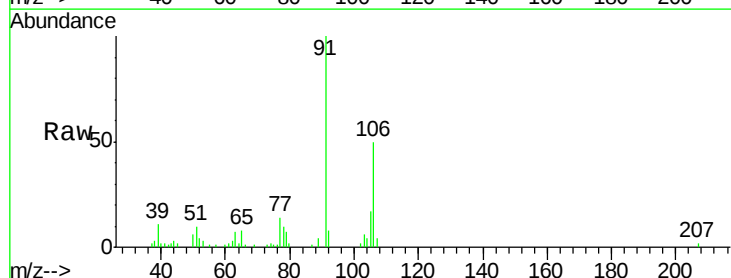
Manual Integrations
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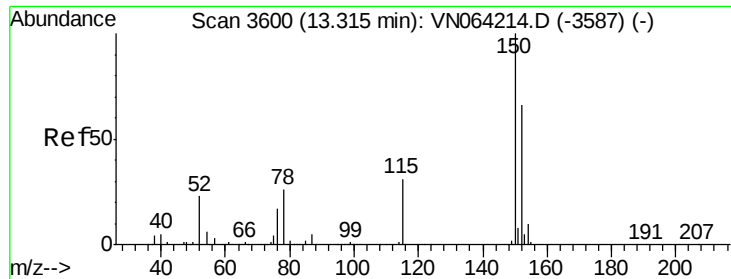
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10/23/2020 2:10:12 PM



#69
o-Xylene
Concen: 3.385 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Tgt Ion:106 Resp: 19447
Ion Ratio Lower Upper
106 100
91 210.3 109.9 329.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064225.D

Acq: 21 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

16757-SME

Tot Ion:152 Resp: 204319

Ion Ratio Lower Upper

152 100

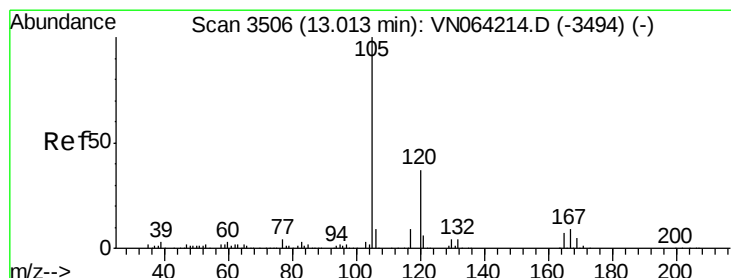
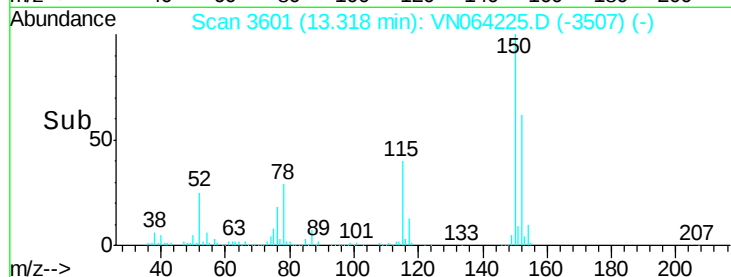
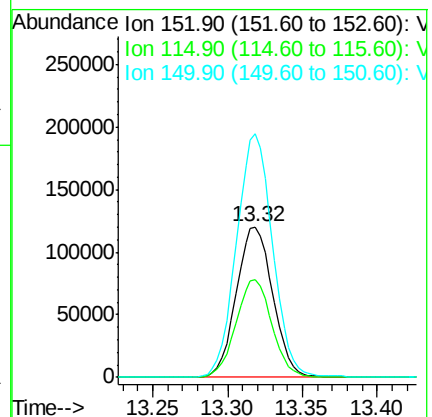
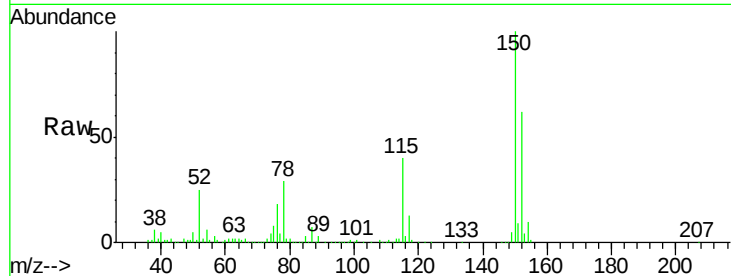
115 63.4 32.0 96.2

150 160.3 0.0 356.6

Manual Integrations
APPROVED

MMDadoda

10/23/2020 2:10:12 PM



#84

1,2,4-Trimethylbenzene

Concen: 1.519 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064225.D

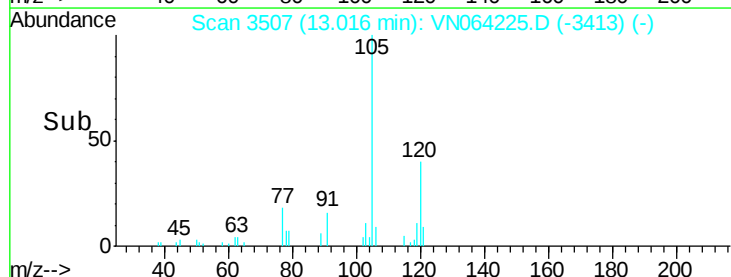
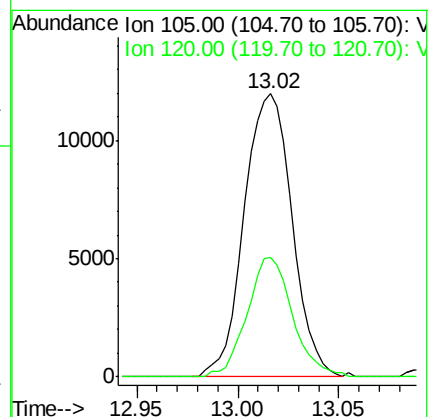
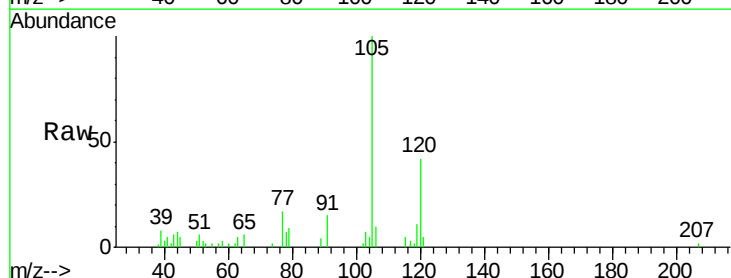
Acq: 21 Oct 2020 16:45

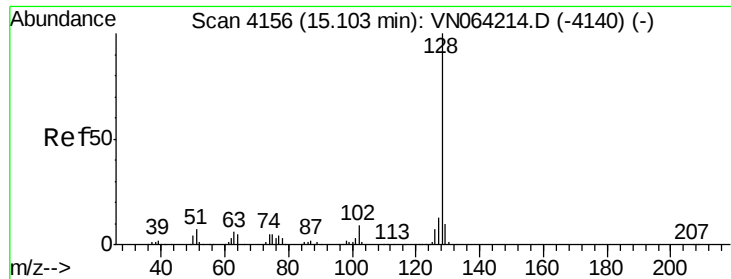
Tgt Ion:105 Resp: 19924

Ion Ratio Lower Upper

105 100

120 40.1 21.5 64.5





#95
Naphthalene
Concen: 11.284 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064225.D
Acq: 21 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
16757-SME

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/23/2020 2:10:12 PM

