

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063276.D
 Acq On : 9 Sep 2020 12:40
 Operator : JC/MD
 Sample : L3877-01ME 10X
 Misc : 3.84g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1ME

Manual Integrations
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 9/10/2020 4:04:18 PM

Quant Time: Sep 09 16:00:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	403884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	752348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	745514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	381643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	312237	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.55	113	236449	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.06	98	970623	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.38	95	403086	62.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.06%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.01	76	21698	1.645	ug/l	100
39) Methylcyclohexane	9.05	83	41511	5.109	ug/l	95
40) Benzene	8.00	78	1575609	74.132	ug/l	98
44) Trichloroethene	8.80	130	1775	0.344	ug/l	74
52) Toluene	10.13	92	81515	6.157	ug/l	95
67) Ethyl Benzene	11.48	91	5103843	186.321	ug/l #	89
68) m/p-Xylenes	11.60	106	1014669	100.013	ug/l	100
69) o-Xylene	11.92	106	165552	16.892	ug/l	95
73) Isopropylbenzene	12.22	105	257563	8.799	ug/l	99
78) n-propylbenzene	12.57	91	619551	18.291	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1820393	74.715	ug/l	99
83) tert-Butylbenzene	13.02	119	765121	36.616	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.02	105	5450633	221.944	ug/l	91
85) sec-Butylbenzene	13.15	105	91144m	3.347	ug/l	
86) p-Isopropyltoluene	13.26	119	163026	6.743	ug/l	90
89) n-Butylbenzene	13.59	91	223561	10.009	ug/l #	68
95) Naphthalene	15.11	128	15155630	688.964	ug/l #	14

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

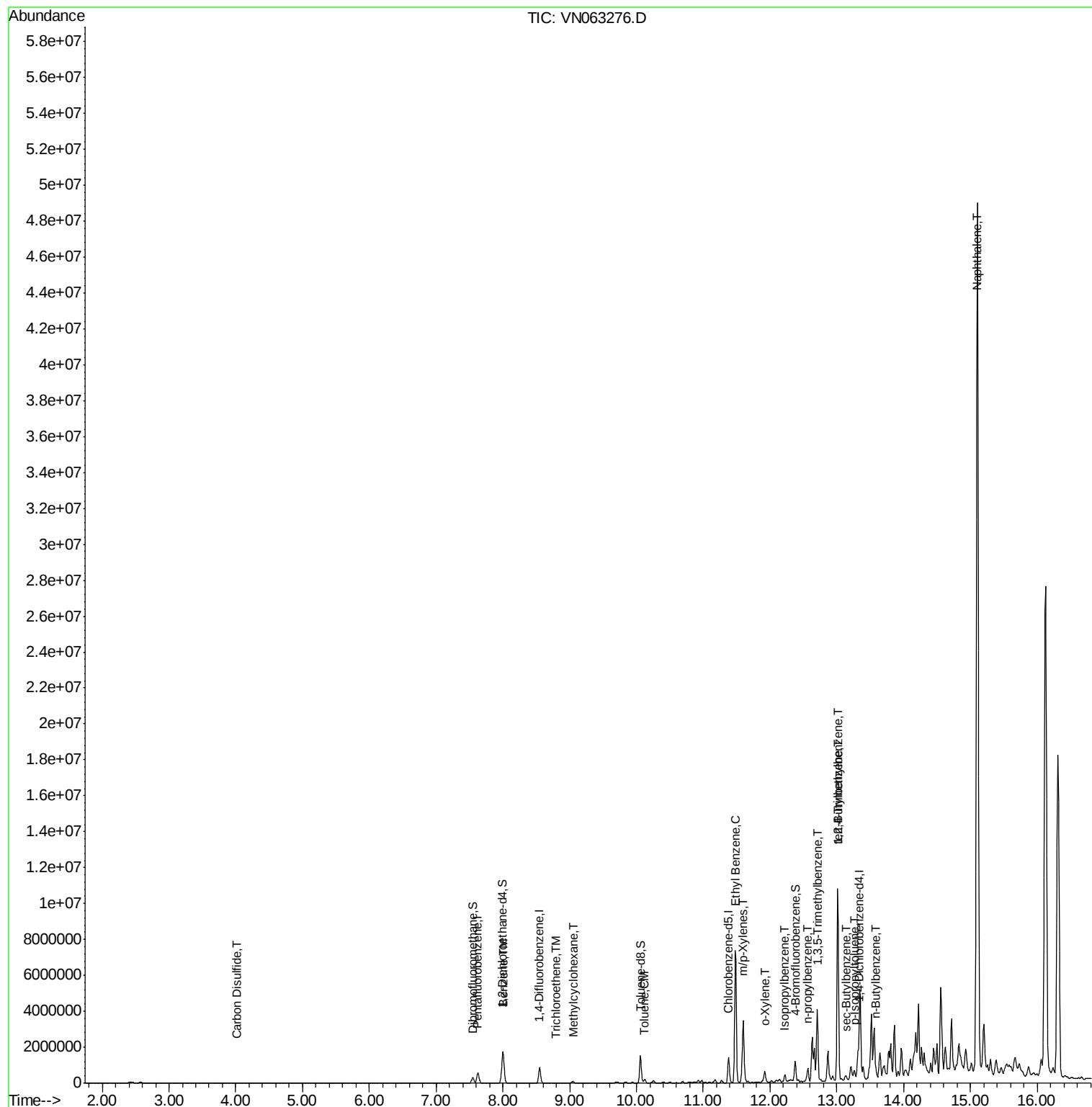
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090920\
Data File : VN063276.D
Acq On : 9 Sep 2020 12:40
Operator : JC/MD
Sample : L3877-01ME 10X
Misc : 3.84g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

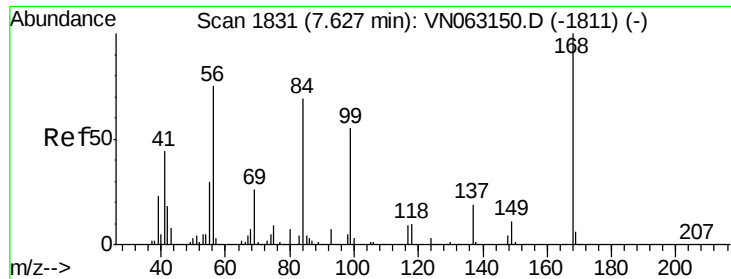
Instrument :
MSVOA_N
ClientSampleId :
TP-1ME

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Quant Time: Sep 09 16:00:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063276.D

Acq: 9 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

TP-1ME

Tot Ion:168 Resp: 403884

Ion Ratio Lower Upper

168 100

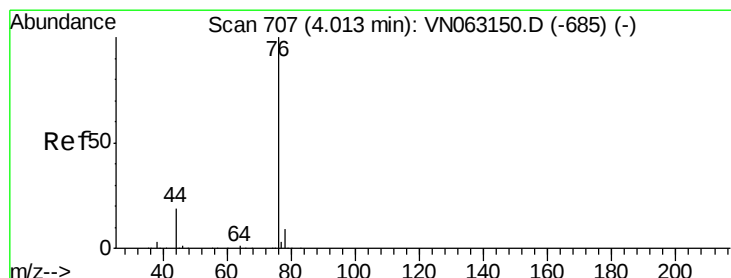
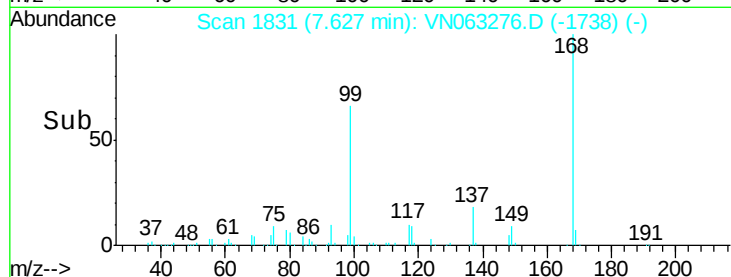
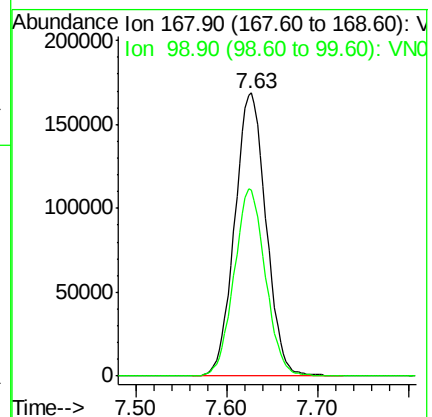
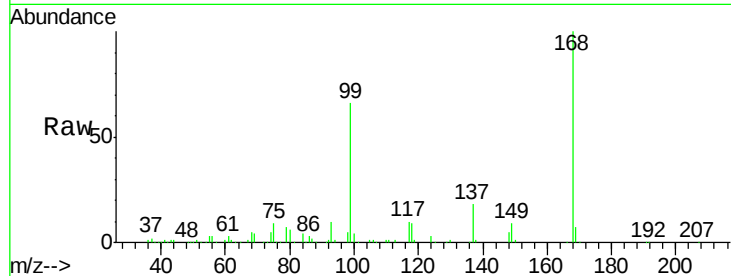
99 65.5 54.2 81.2

Manual Integrations

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#17

Carbon Disulfide

Concen: 1.645 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN063276.D

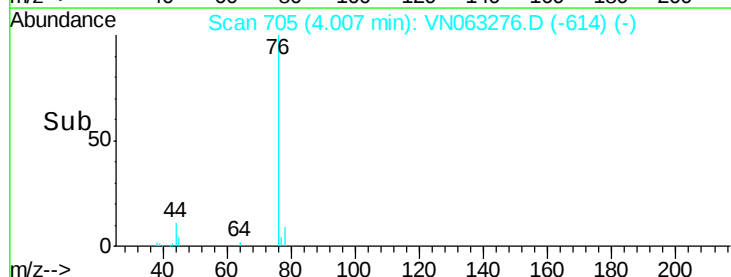
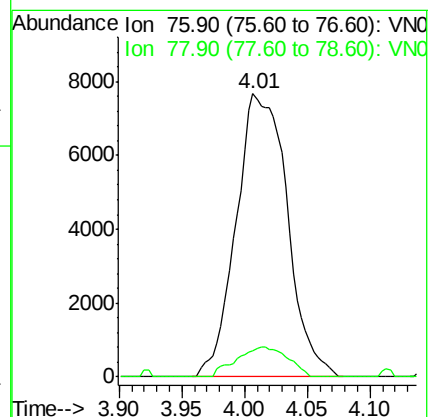
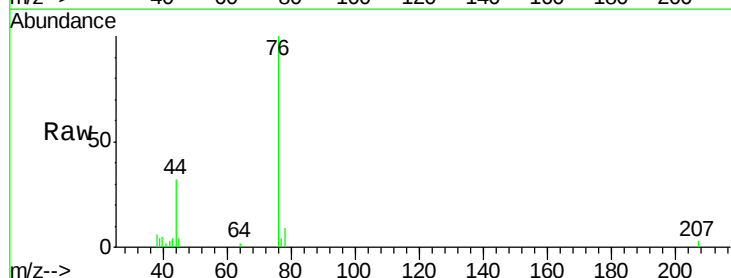
Acq: 9 Sep 2020 12:40

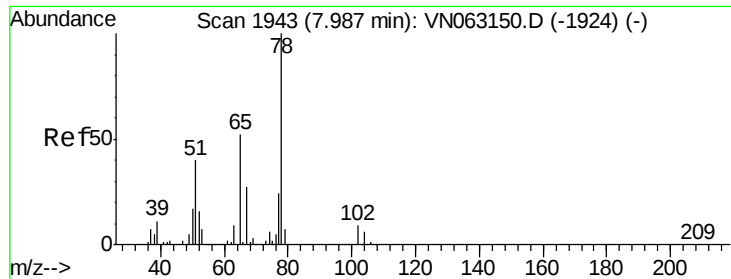
Tgt Ion: 76 Resp: 21698

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





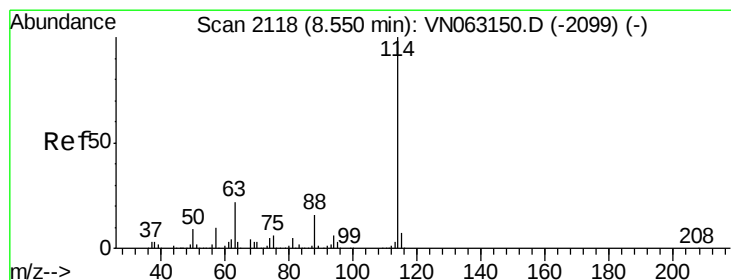
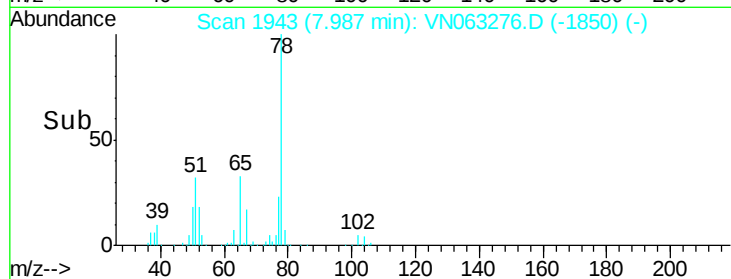
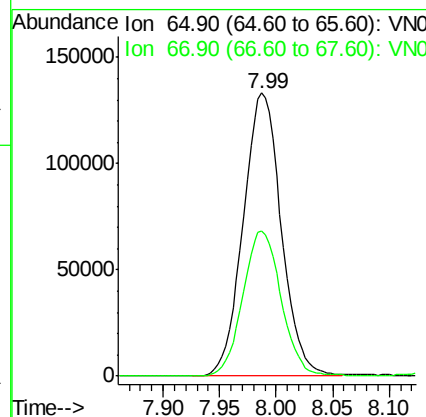
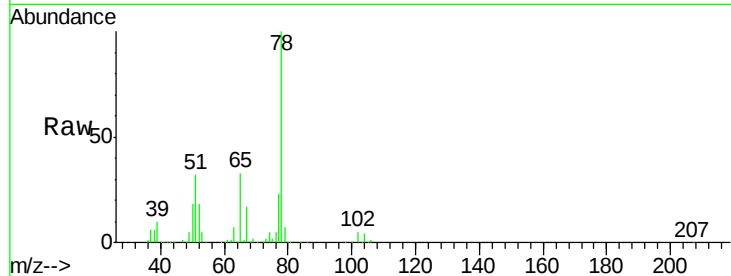
#33
 1,2-Dichloroethane-d4
 Concen: 47.292 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063276.D
 Acq: 9 Sep 2020 12:40

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1ME

Tot Ion	Ratio	Resp	Lower	Upper
65	100	312237		
67	51.8	0.0	104.4	

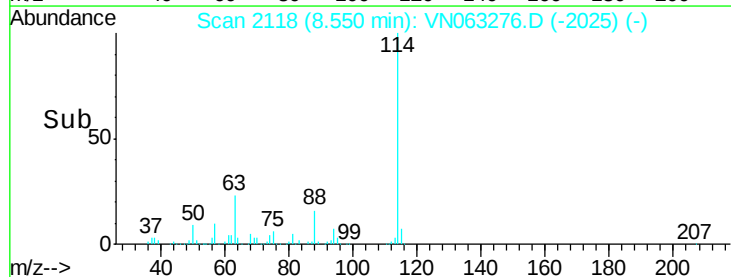
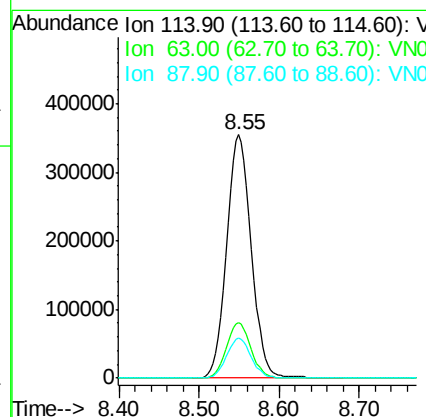
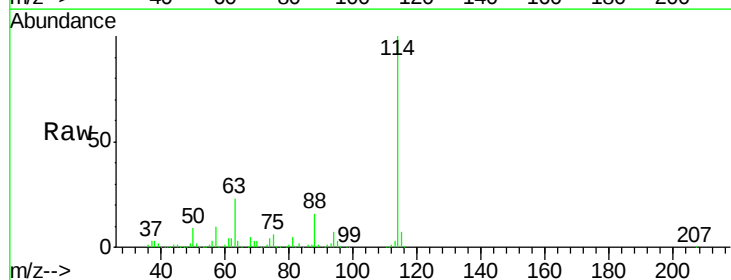
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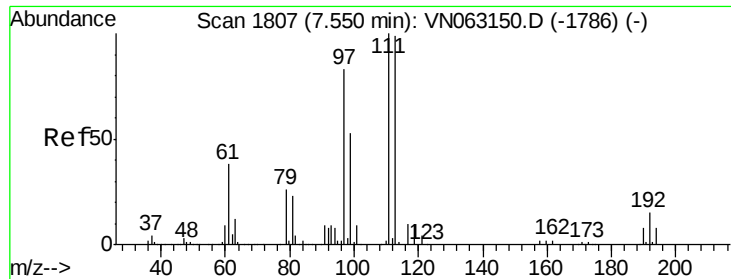
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063276.D
 Acq: 9 Sep 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	752348		
63	22.9	0.0	43.0	
88	16.4	0.0	31.6	





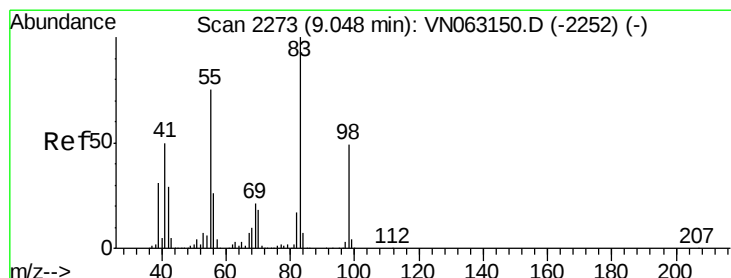
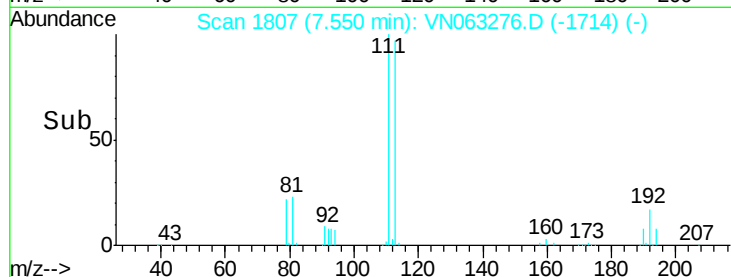
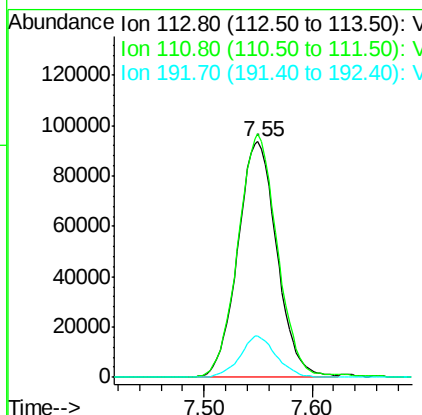
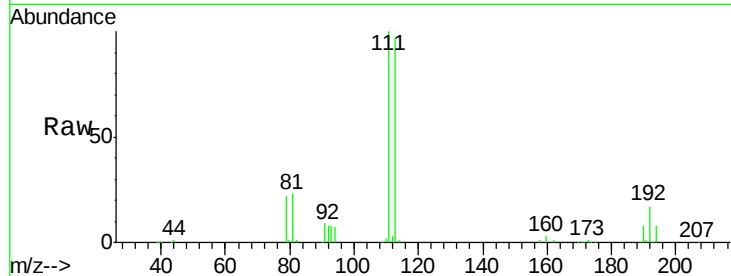
#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
TP-1ME

Tot Ion	Ratio	Resp	Lower	Upper
113	100	236449		
111	103.0	80.7	121.1	
192	16.4	12.6	19.0	

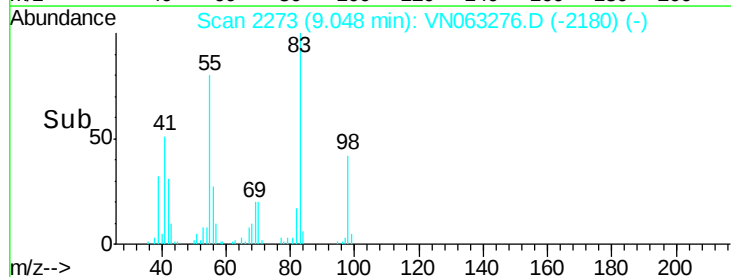
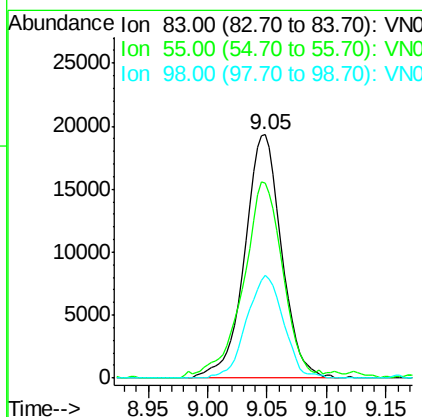
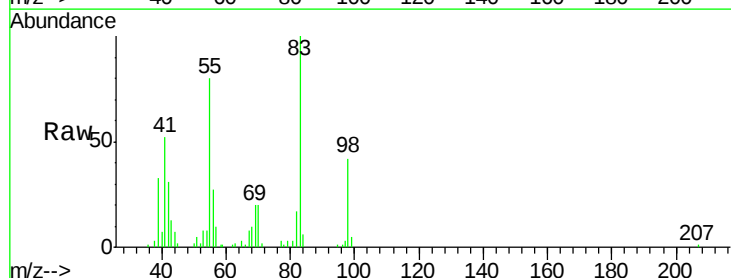
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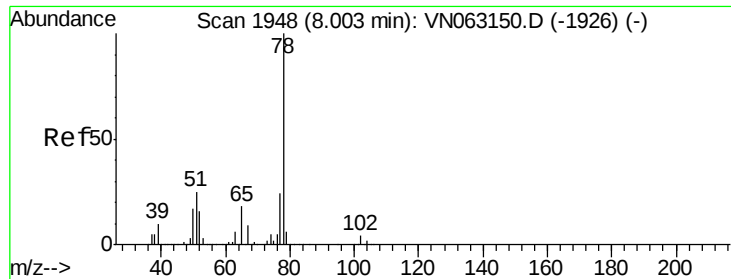
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#39
Methylcyclohexane
Concen: 5.109 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	41511		
55	77.8	60.3	90.5	
98	42.4	38.9	58.3	





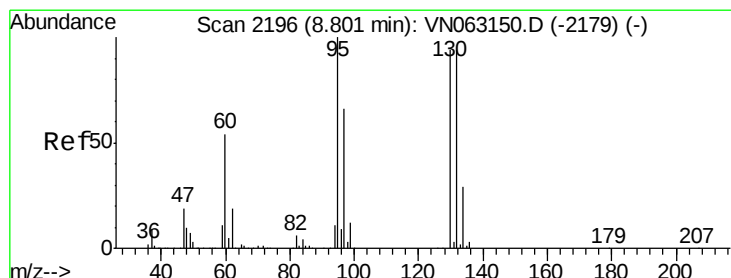
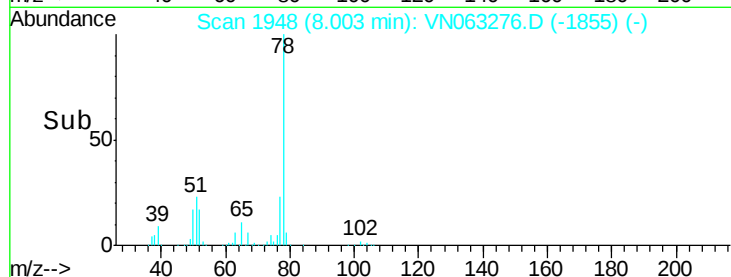
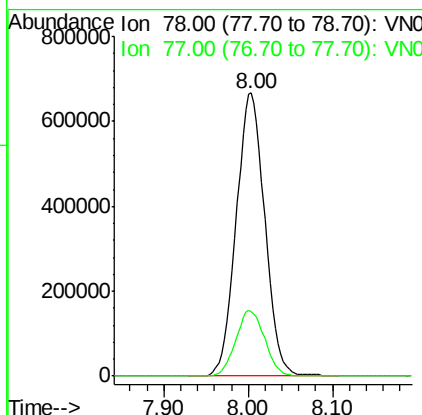
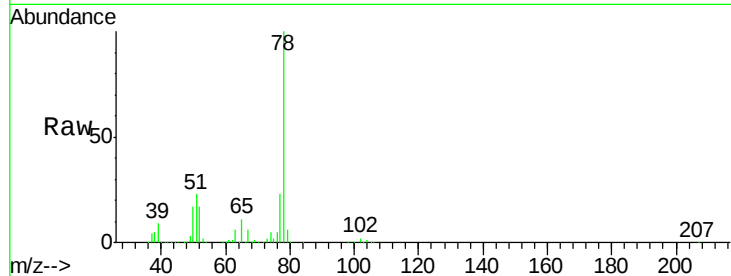
#40
Benzene
Concen: 74.132 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
TP-1ME

Tot Ion: 78 Resp: 1575609
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

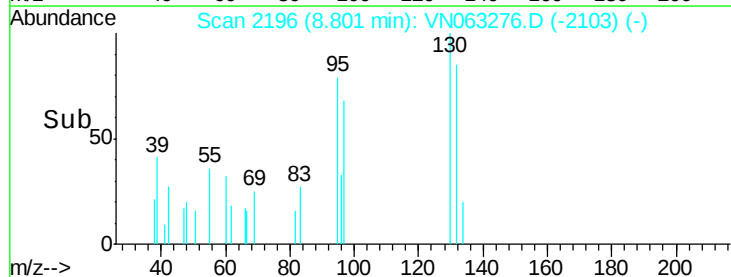
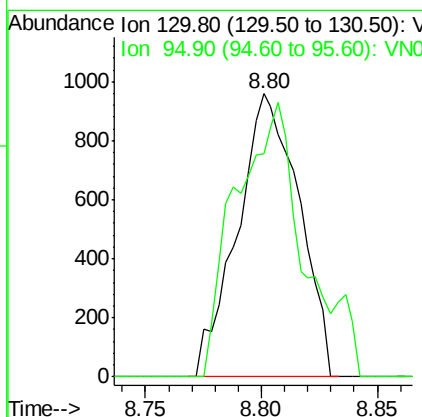
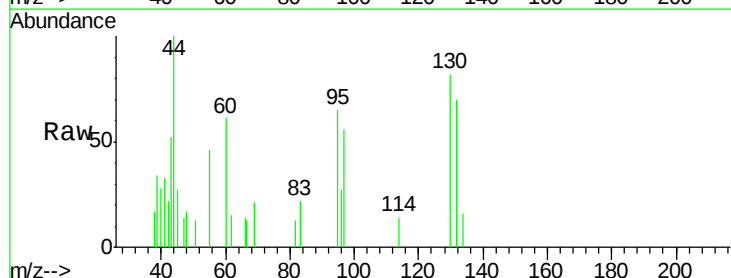
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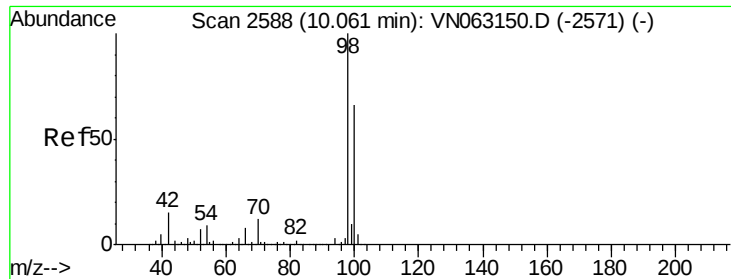
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#44
Trichloroethene
Concen: 0.344 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Tgt Ion: 130 Resp: 1775
Ion Ratio Lower Upper
130 100
95 79.0 0.0 212.0





#50

Toluene-d8

Concen: 52.246 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063276.D

Acq: 9 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

TP-1ME

Tot Ion: 98 Resp: 970623

Ion Ratio Lower Upper

98 100

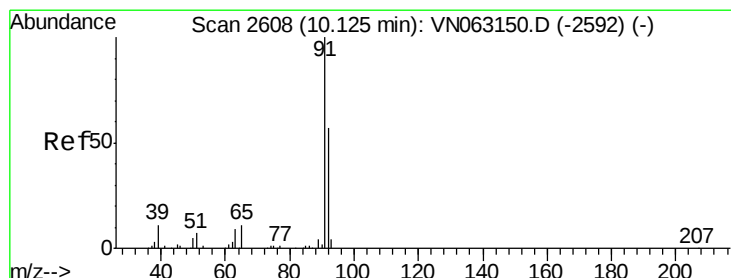
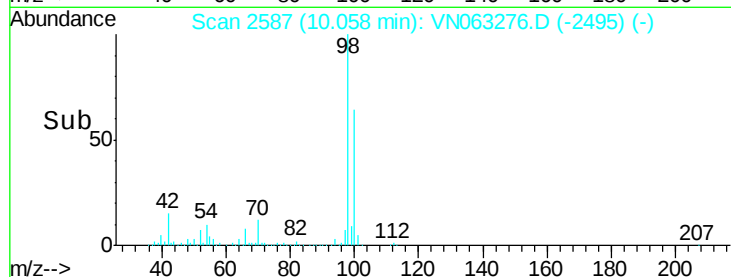
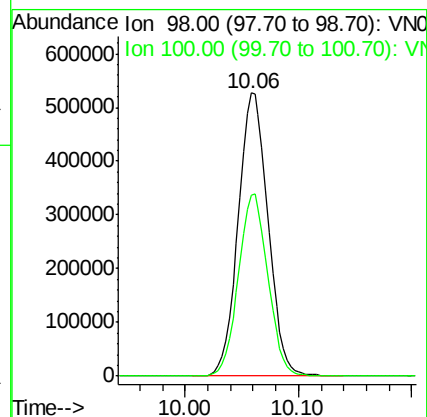
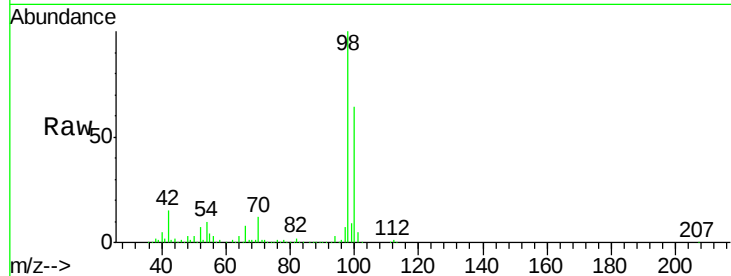
100 63.6 52.0 78.0

Manual Integrations

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#52

Toluene

Concen: 6.157 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063276.D

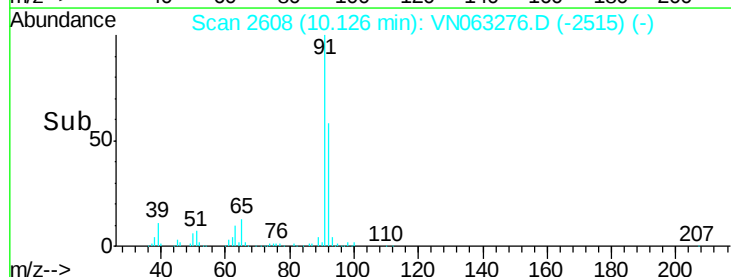
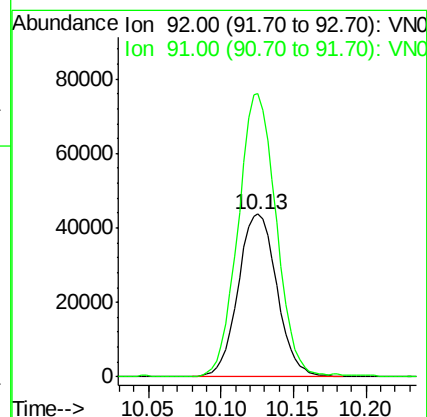
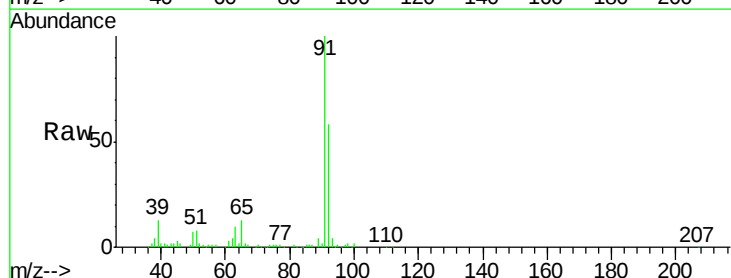
Acq: 9 Sep 2020 12:40

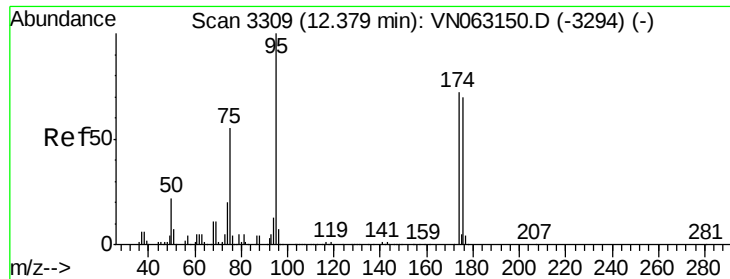
Tgt Ion: 92 Resp: 81515

Ion Ratio Lower Upper

92 100

91 170.2 141.2 211.8





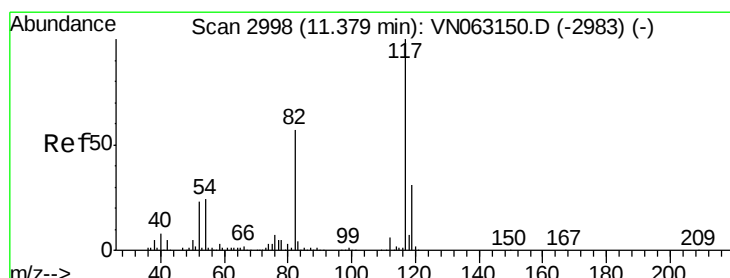
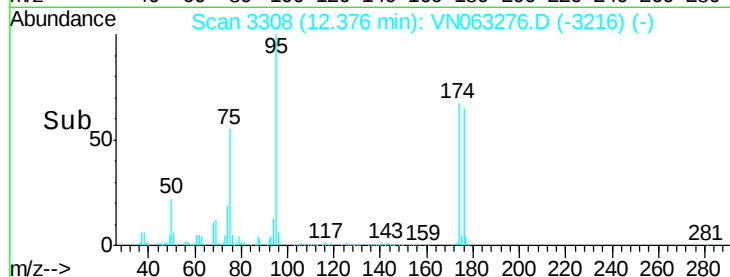
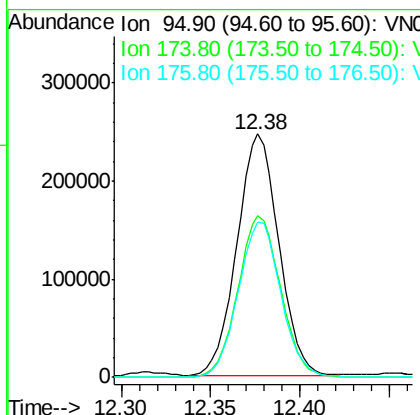
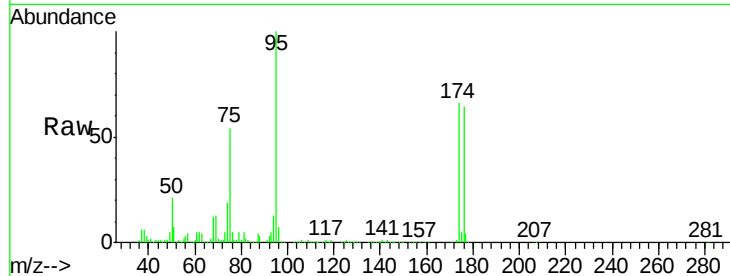
#62
4-Bromofluorobenzene
Concen: 62.026 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
TP-1ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	403086		
174	68.5	0.0	143.8	
176	65.7	0.0	138.4	

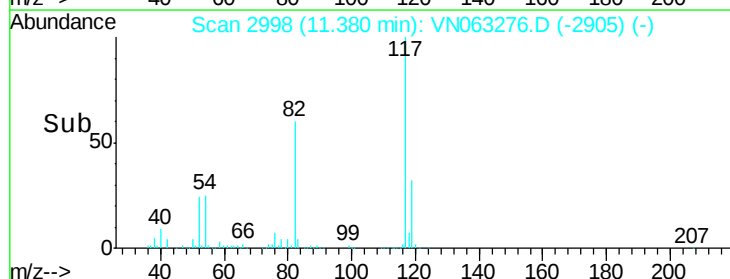
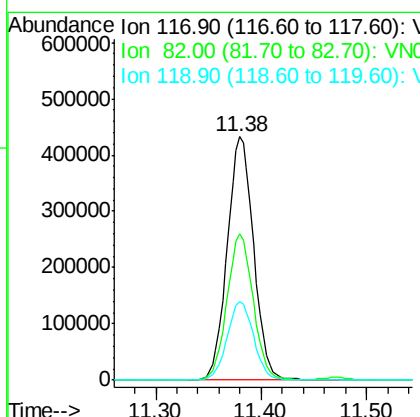
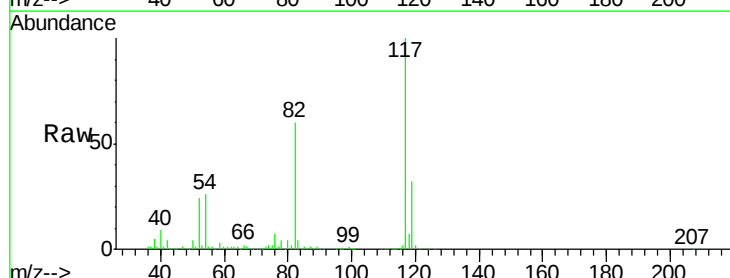
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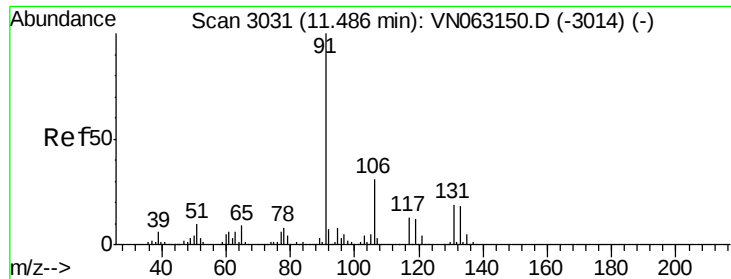
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	745514		
82	59.8	45.4	68.0	
119	32.0	24.6	37.0	





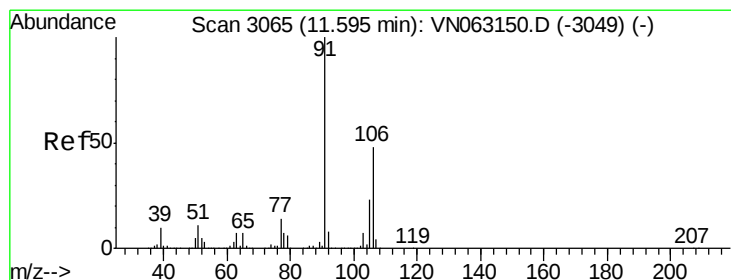
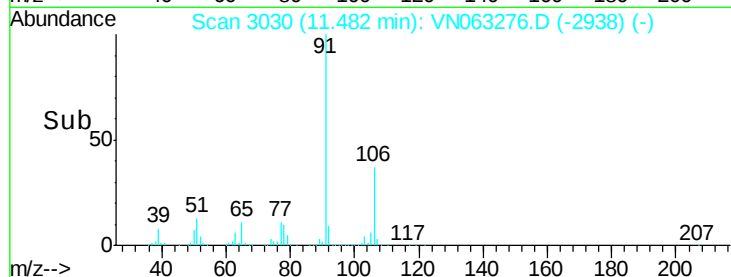
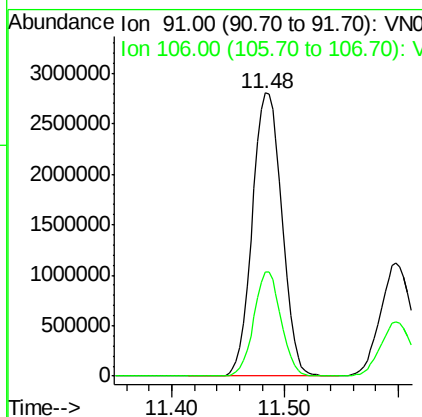
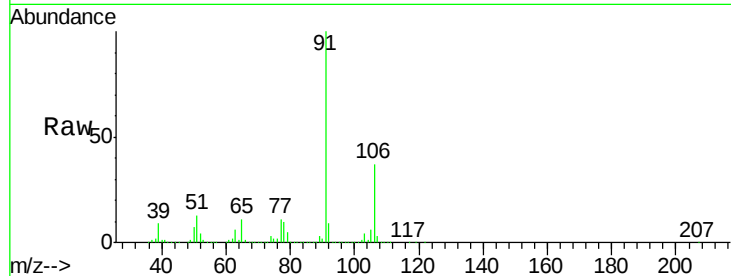
#67
Ethyl Benzene
Concen: 186.321 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Instrument :
MSVOA_N
ClientSampled :
TP-1ME

Tot Ion: 91 Resp: 5103843
Ion Ratio Lower Upper
91 100
106 36.7 24.4 36.6#

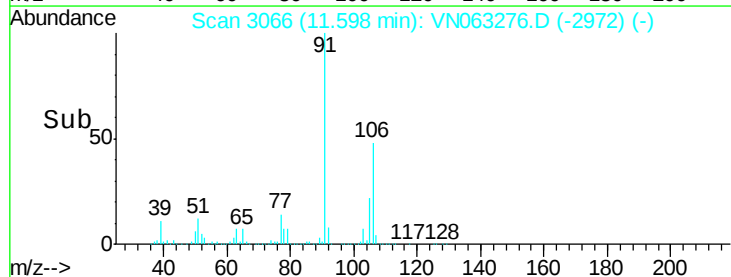
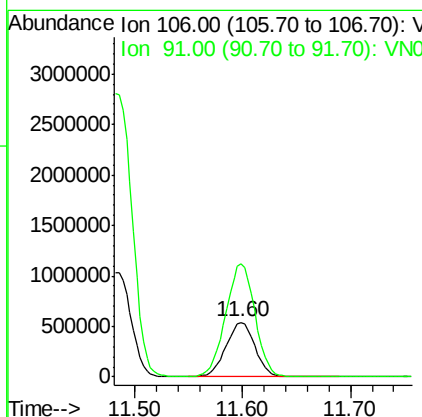
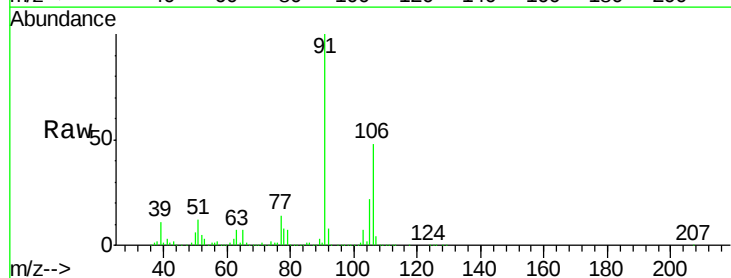
Manual Integrations
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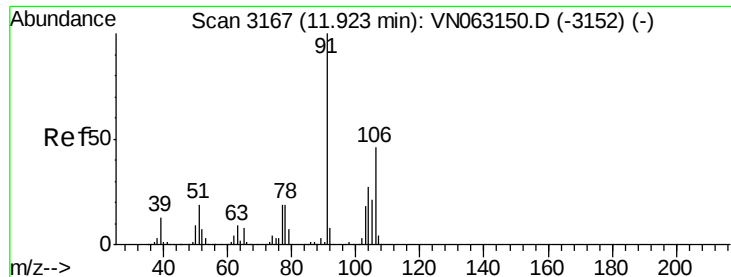
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#68
m/p-Xylenes
Concen: 100.013 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Tgt Ion: 106 Resp: 1014669
Ion Ratio Lower Upper
106 100
91 209.0 166.7 250.1





#69

o-Xylene

Concen: 16.892 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063276.D

Acq: 9 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

TP-1ME

Tot Ion:106 Resp: 165552

Ion Ratio Lower Upper

106 100

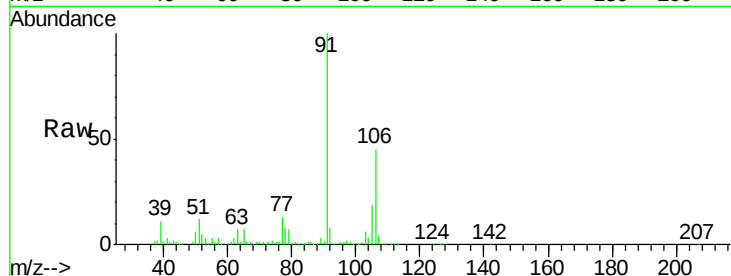
91 224.6 108.6 325.6

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

250000

200000

150000

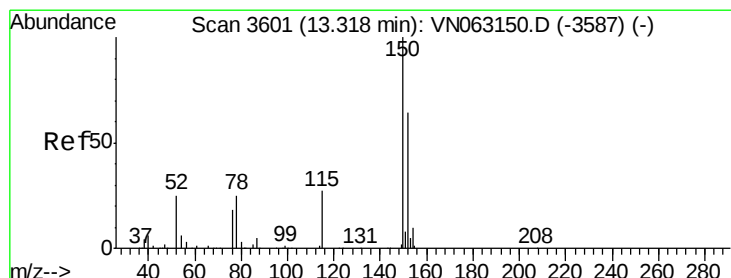
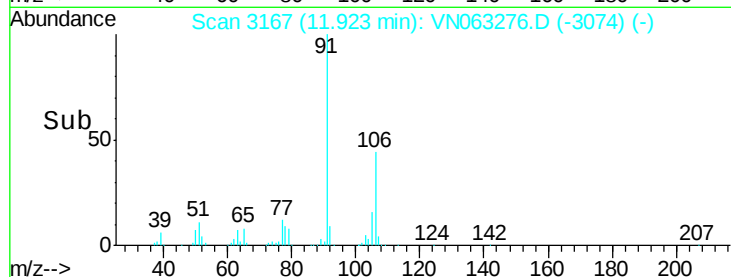
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063276.D

Acq: 9 Sep 2020 12:40

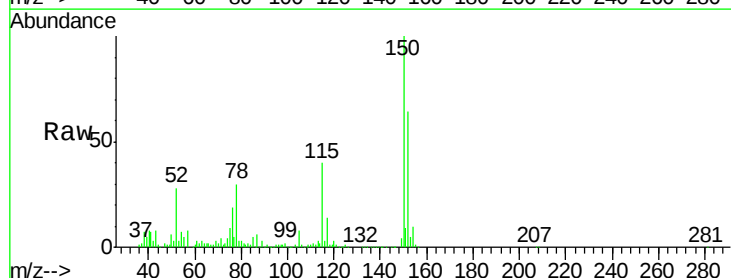
Tgt Ion:152 Resp: 381643

Ion Ratio Lower Upper

152 100

115 65.1 32.0 96.2

150 154.2 0.0 353.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

500000

400000

300000

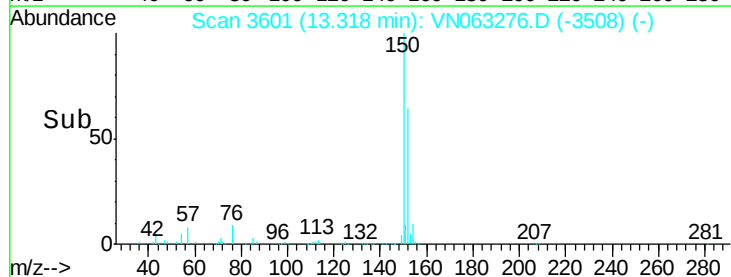
200000

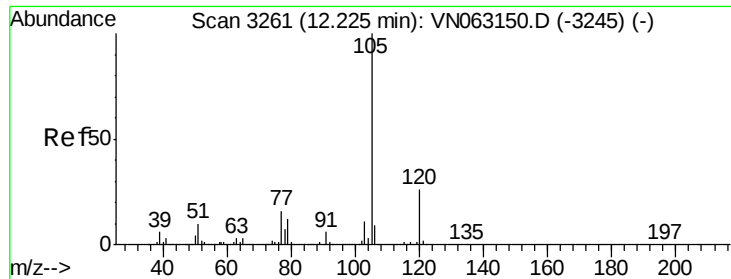
100000

0

13.20 13.30 13.40

Time-->





#73

Isopropylbenzene

Concen: 8.799 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063276.D

Acq: 9 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

TP-1ME

Tot Ion: 105 Resp: 257563

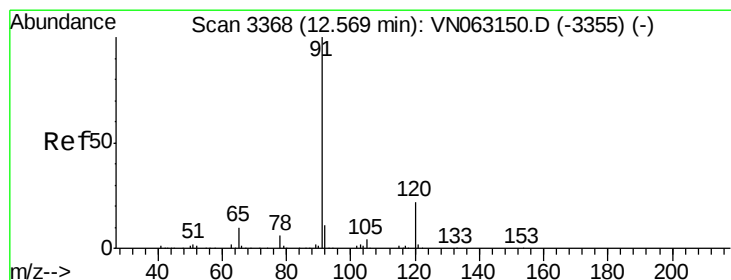
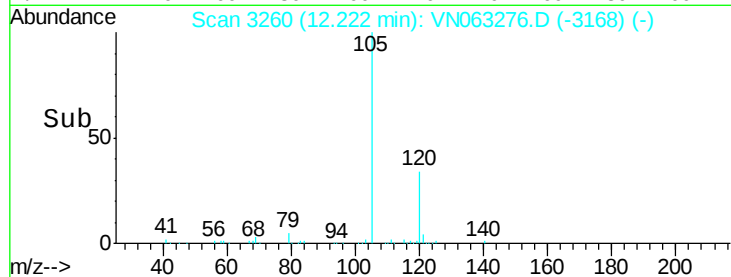
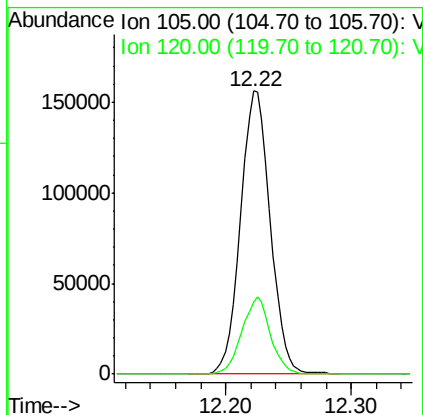
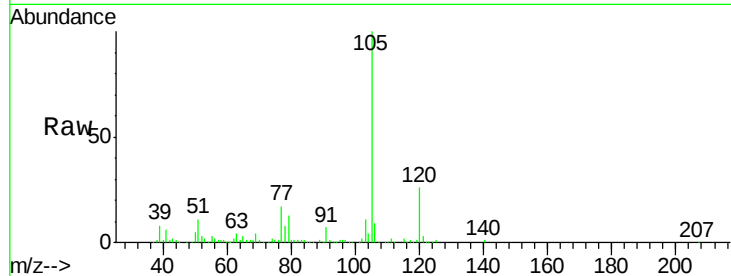
Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6

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#78

n-propylbenzene

Concen: 18.291 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063276.D

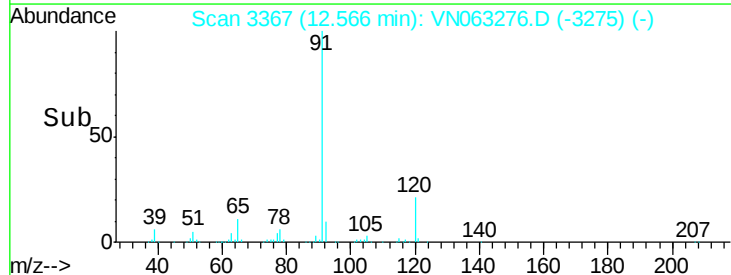
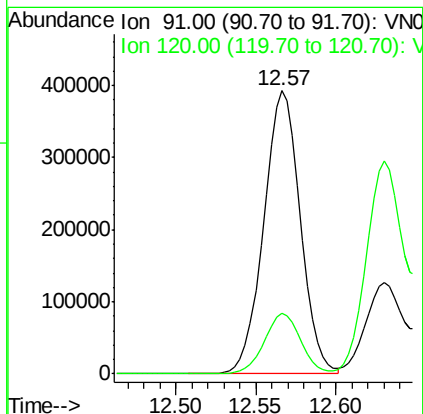
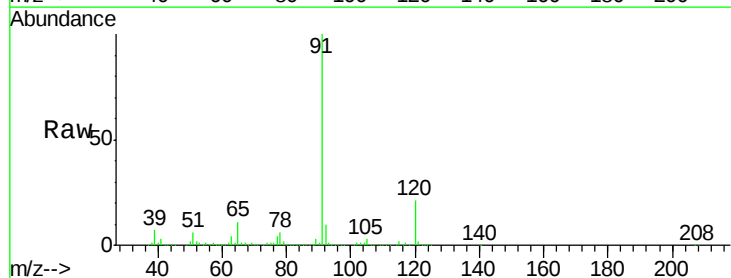
Acq: 9 Sep 2020 12:40

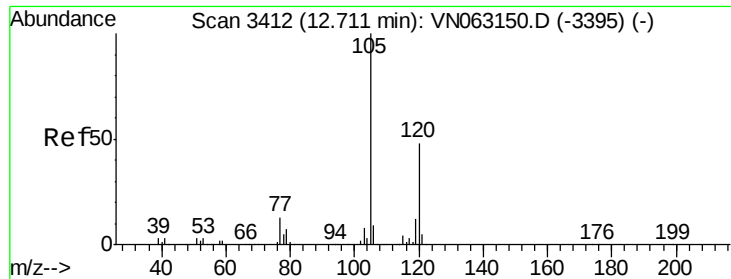
Tgt Ion: 91 Resp: 619551

Ion Ratio Lower Upper

91 100

120 21.3 10.9 32.7





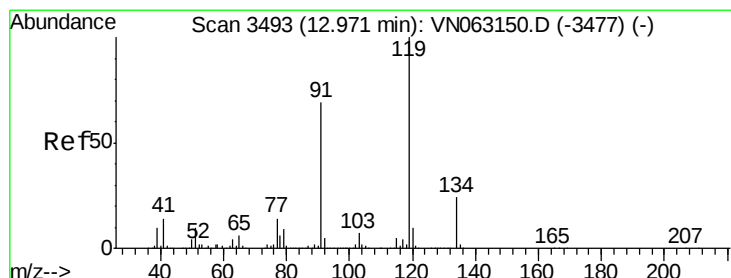
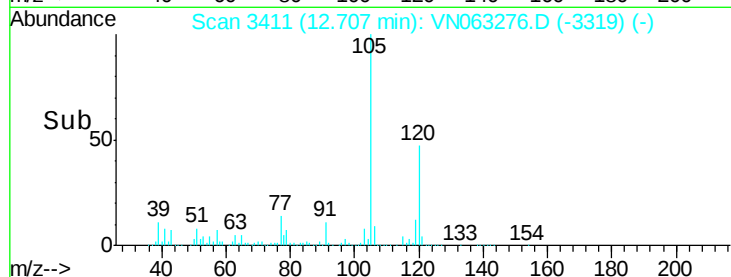
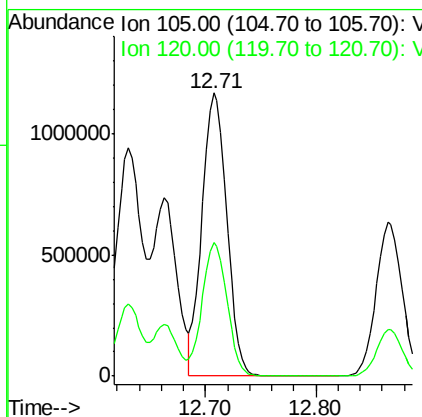
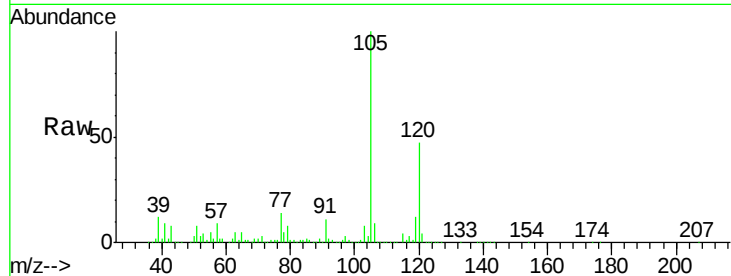
#80
 1,3,5-Trimethylbenzene
 Concen: 74.715 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063276.D
 Acq: 9 Sep 2020 12:40

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1ME

Tot Ion:105 Resp: 1820393
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.2 72.6

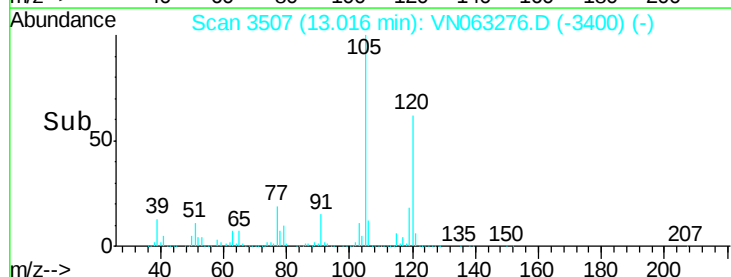
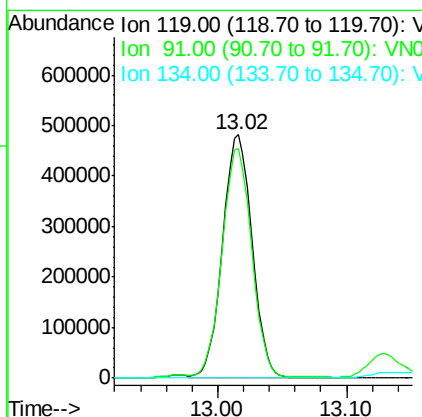
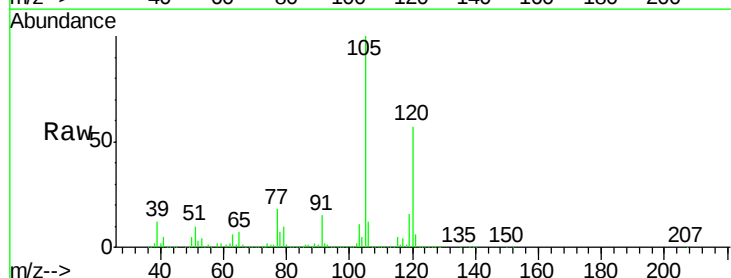
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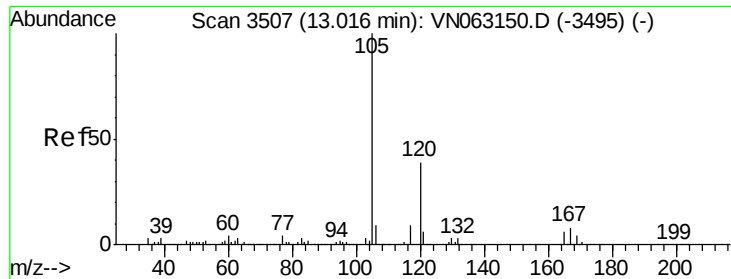
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#83
 tert-Butylbenzene
 Concen: 36.616 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.05 min
 Lab File: VN063276.D
 Acq: 9 Sep 2020 12:40

Tgt Ion:119 Resp: 765121
 Ion Ratio Lower Upper
 119 100
 91 92.9 33.7 101.0
 134 0.0 12.0 36.0#





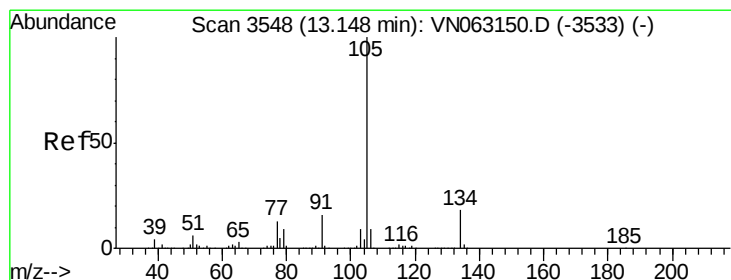
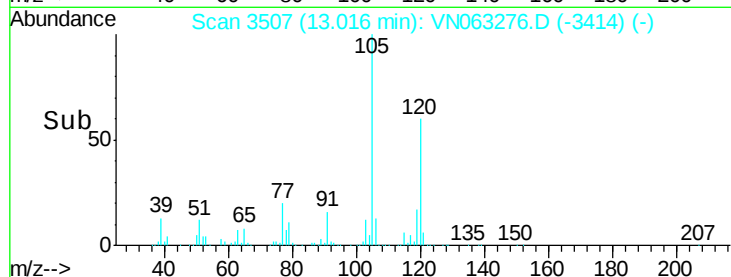
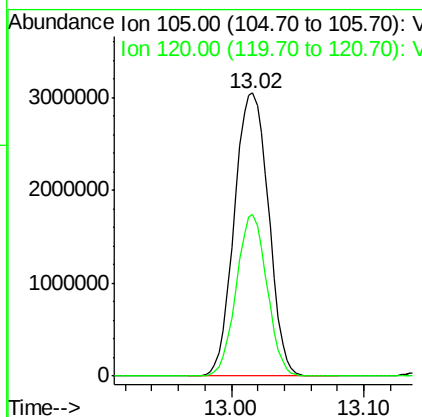
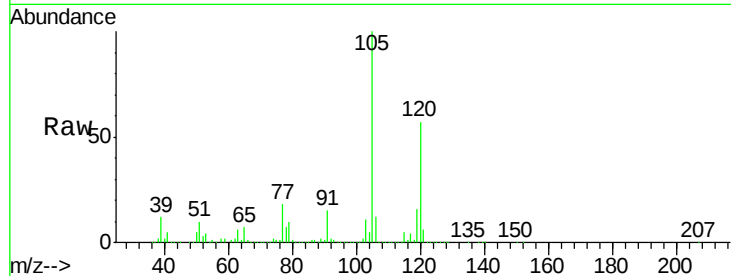
#84
1,2,4-Trimethylbenzene
Concen: 221.944 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
TP-1ME

Tot Ion:105 Resp: 5450633
Ion Ratio Lower Upper
105 100
120 51.2 22.6 67.7

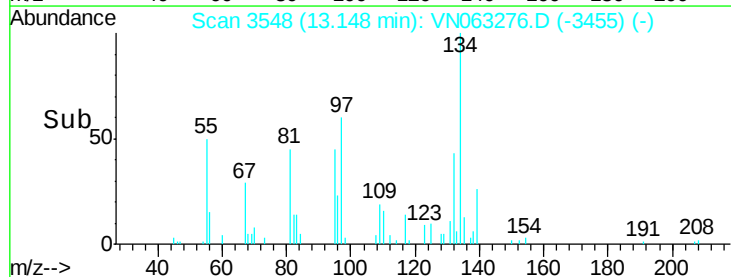
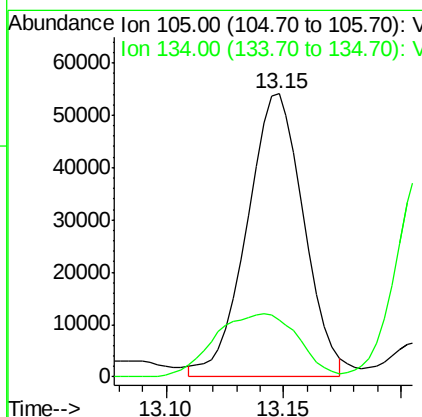
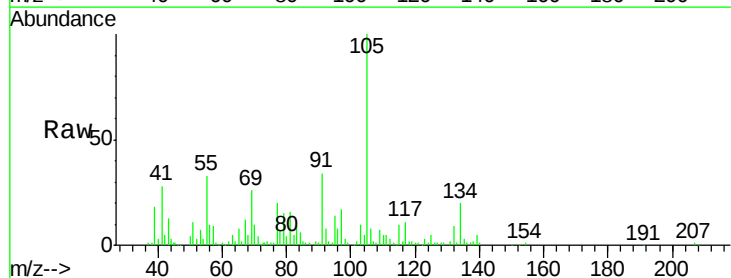
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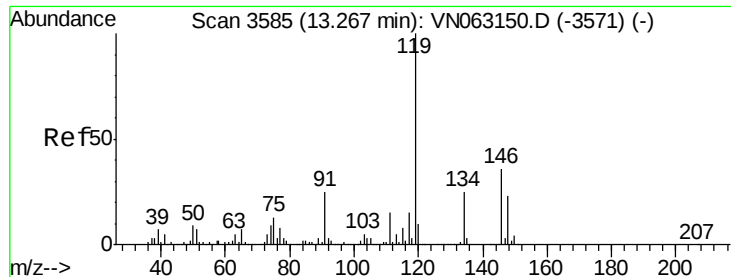
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#85
sec-Butylbenzene
Concen: 3.347 ug/l m
RT: 13.15 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Tgt Ion:105 Resp: 91144
Ion Ratio Lower Upper
105 100
134 0.0 9.4 28.3#





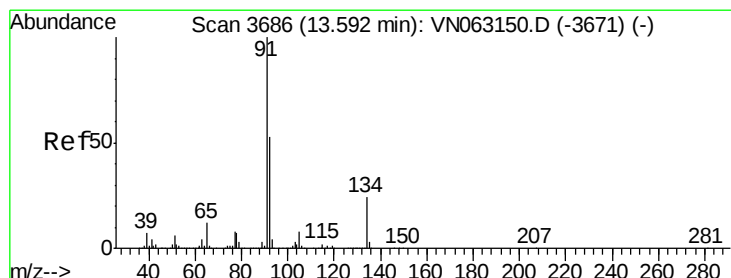
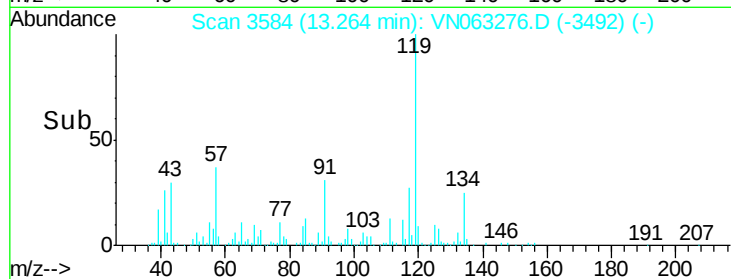
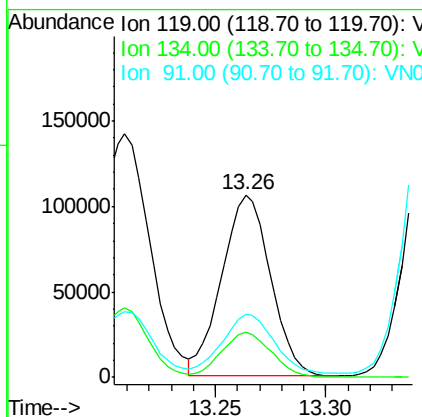
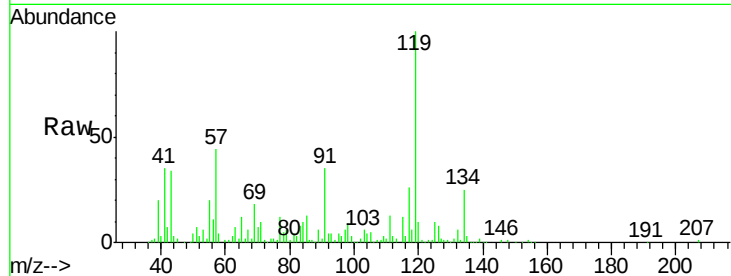
#86
 p-Isopropyltoluene
 Concen: 6.743 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063276.D
 Acq: 9 Sep 2020 12:40

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1ME

Tot Ion:	119	Resp:	163026
Ion Ratio	Lower	Upper	
119	100		
134	25.0	12.4	37.4
91	34.0	12.2	36.6

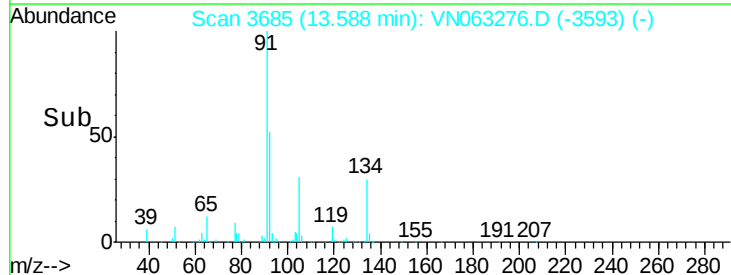
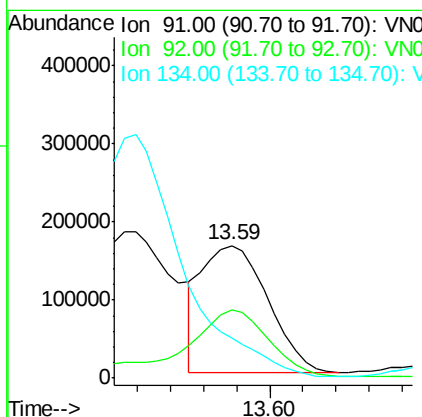
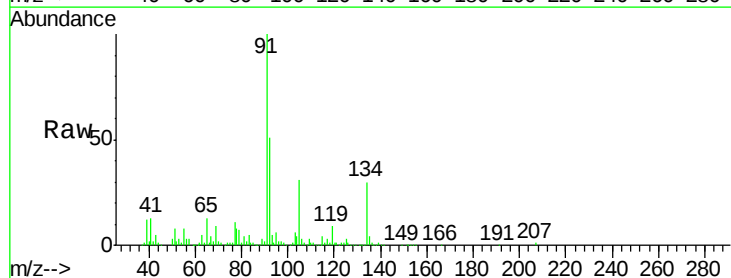
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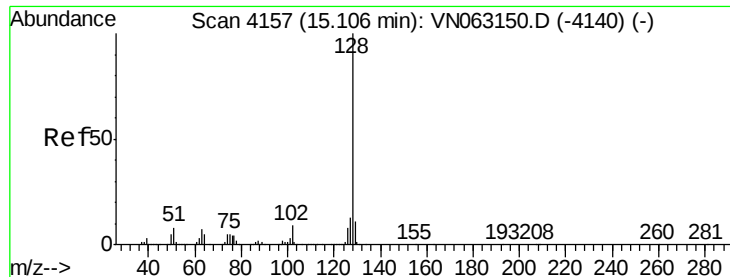
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#89
 n-Butylbenzene
 Concen: 10.009 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: VN063276.D
 Acq: 9 Sep 2020 12:40

Tgt Ion:	91	Resp:	223561
Ion Ratio	Lower	Upper	
91	100		
92	70.2	26.3	78.8
134	0.0	12.0	36.0#





#95
Naphthalene
Concen: 688.964 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063276.D
Acq: 9 Sep 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
TP-1ME

Tot Ion:128 Resp:15155630
Ion Ratio Lower Upper
128 100
127 45.6 10.5 15.7#
129 45.1 8.6 13.0#

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