

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
 Data File : VL036383.D
 Acq On : 25 Feb 2021 16:18
 Operator : SY/AP
 Sample : M1463-13DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-10DL

Manual Integrations
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 3/1/2021 10:02:37 AM

Quant Time: Feb 28 18:21:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1553762	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	3475452	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3093368	10.00	ppbv	0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2497147	9.81	ppbv	0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) Heptane	8.11	43	31180m	0.147	ppbv	
13) Ethanol	3.59	45	720322	53.280	ppbv	89
15) Acetone	3.84	43	356095	1.875	ppbv	93
19) Isopropyl Alcohol	3.96	45	723138m	6.872	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	179797	0.335	ppbv #	79
53) Toluene	9.80	91	271136	0.848	ppbv	98
59) m/p-Xylene	12.96	91	140151m	0.377	ppbv	

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

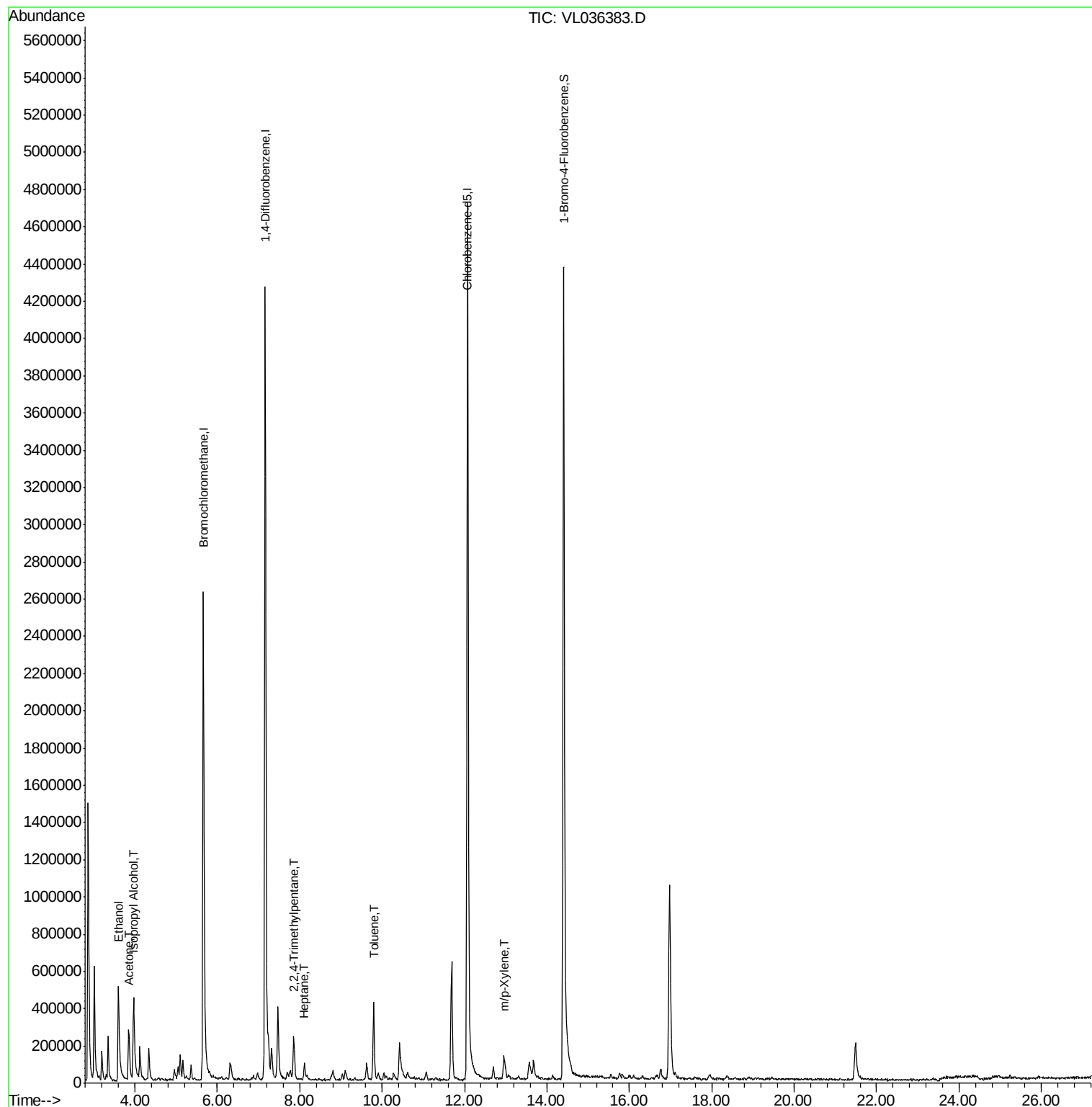
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
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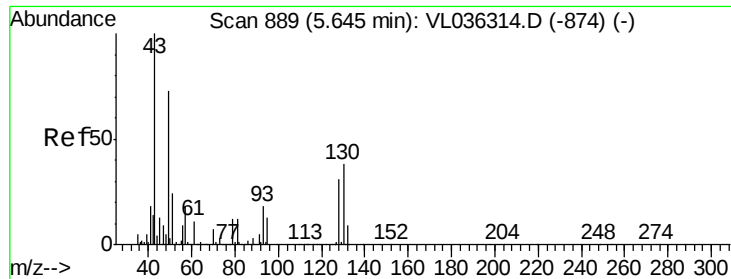
Instrument :
MSVOA_L
ClientSampleId :
NS-10DL

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Quant Time: Feb 28 18:21:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

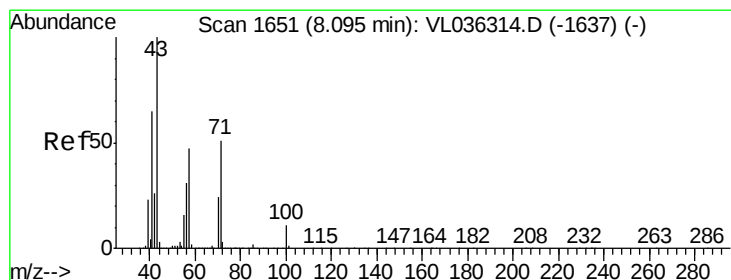
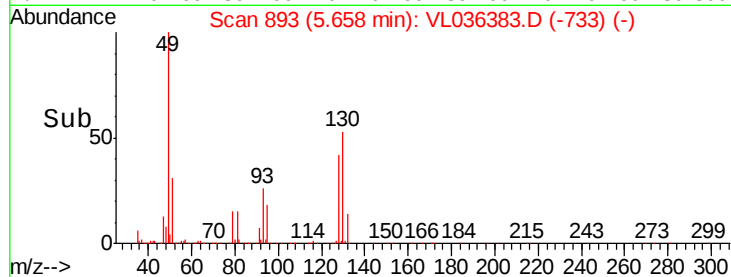
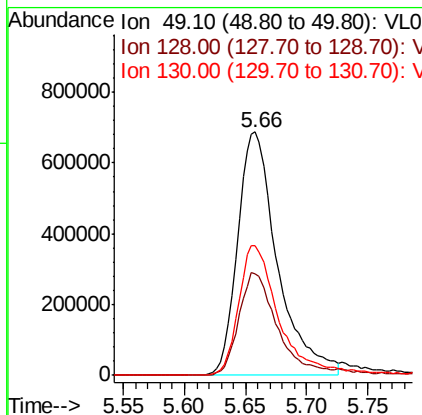
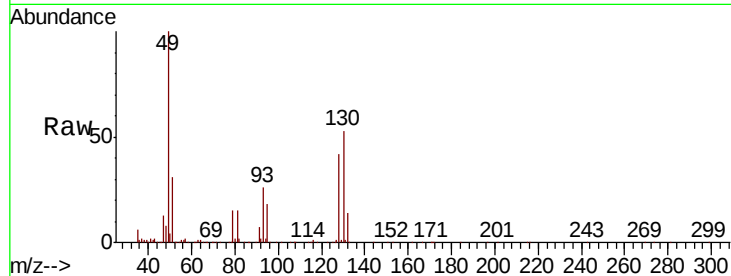
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VL036383.D
 Acq: 25 Feb 2021 16:18

Instrument :
 MSVOA_L
 ClientSampled :
 NS-10DL

Tot Ion: 49 Resp: 1553762
 Ion Ratio Lower Upper
 49 100
 128 43.6 20.8 62.5
 130 54.9 26.7 80.1

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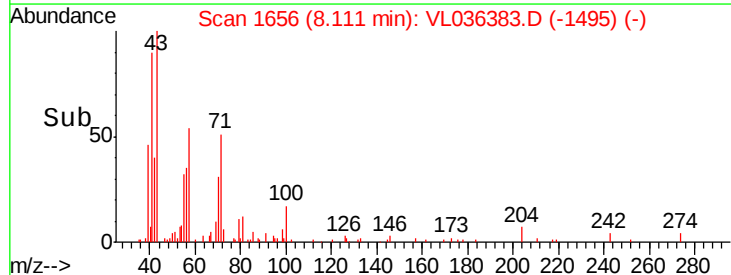
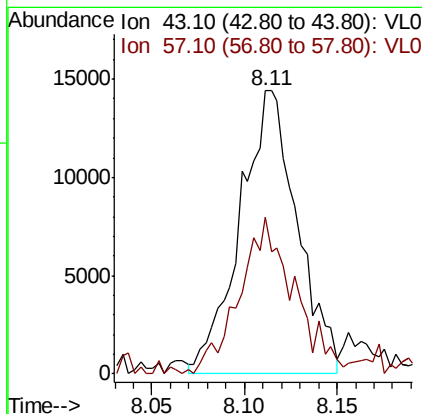
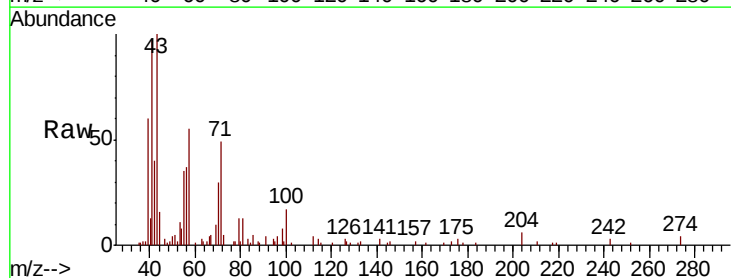
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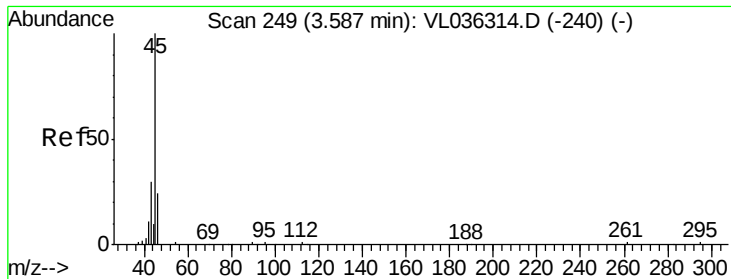


#10

Heptane
 Concen: 0.147 ppbv m
 RT: 8.11 min Scan# 1656
 Delta R.T. 0.02 min
 Lab File: VL036383.D
 Acq: 25 Feb 2021 16:18

Tgt Ion: 43 Resp: 31180
 Ion Ratio Lower Upper
 43 100
 57 52.4 39.4 59.2





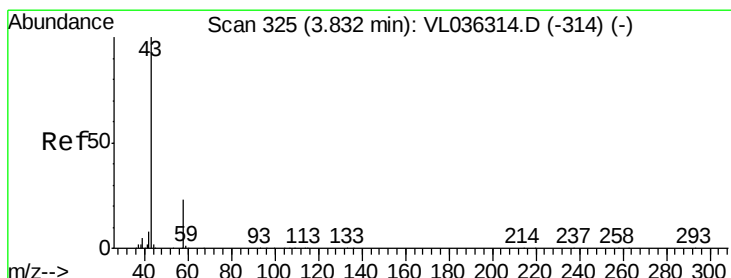
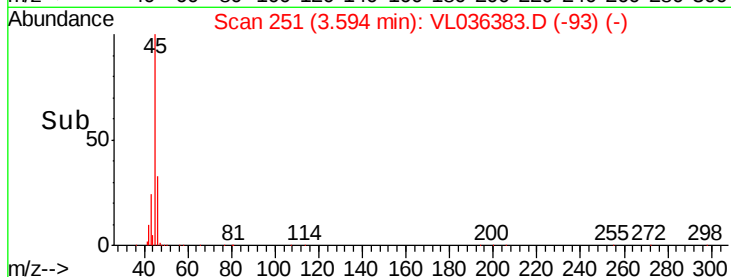
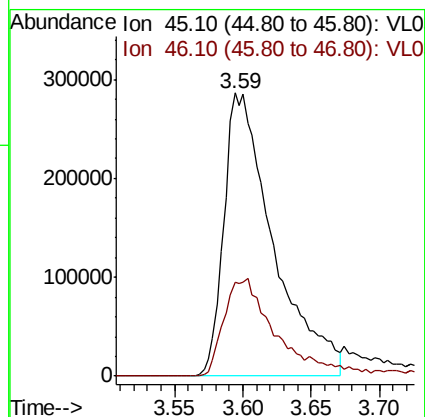
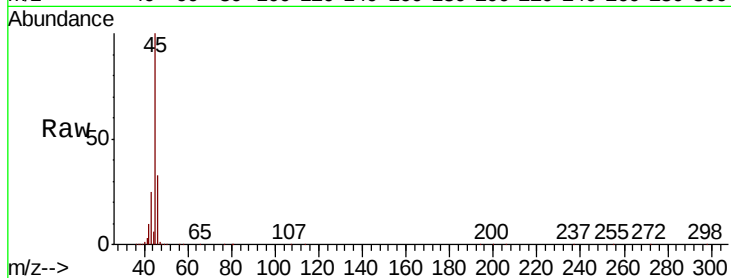
#13
Ethanol
Concen: 53.280 ppbv
RT: 3.59 min Scan# 251
Delta R.T. 0.01 min
Lab File: VL036383.D
Acq: 25 Feb 2021 16:18

Instrument :
MSVOA_L
ClientSampleId :
NS-10DL

Tot Ion: 45 Resp: 720322
Ion Ratio Lower Upper
45 100
46 37.0 17.7 70.7

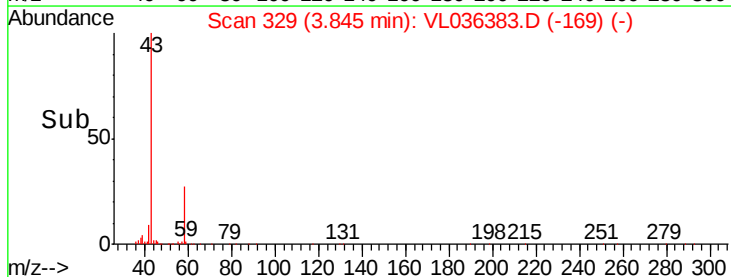
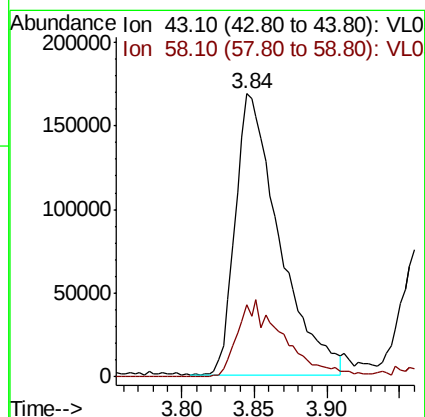
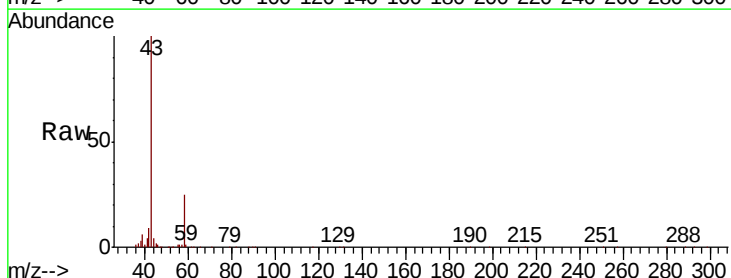
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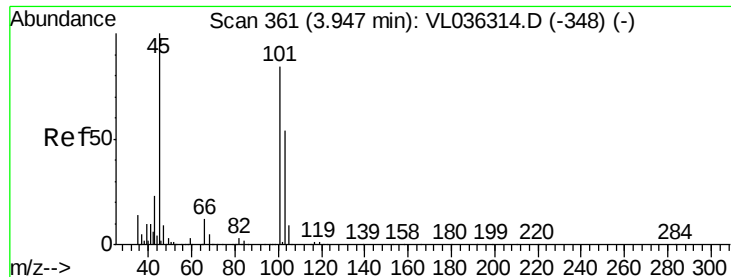
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#15
Acetone
Concen: 1.875 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL036383.D
Acq: 25 Feb 2021 16:18

Tgt Ion: 43 Resp: 356095
Ion Ratio Lower Upper
43 100
58 28.8 20.3 30.5





#19

Isopropyl Alcohol

Concen: 6.872 ppbv m

RT: 3.96 min Scan# 366

Delta R.T. 0.02 min

Lab File: VL036383.D

Acq: 25 Feb 2021 16:18

Instrument :

MSVOA_L

ClientSampled :

NS-10DL

Tot Ion: 45 Resp: 723138

Ion Ratio Lower Upper

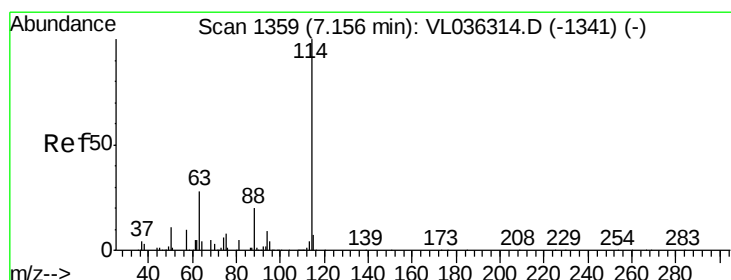
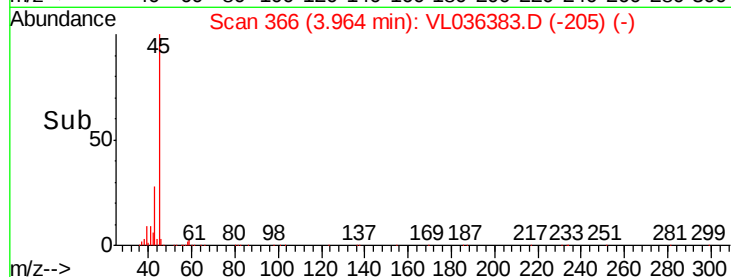
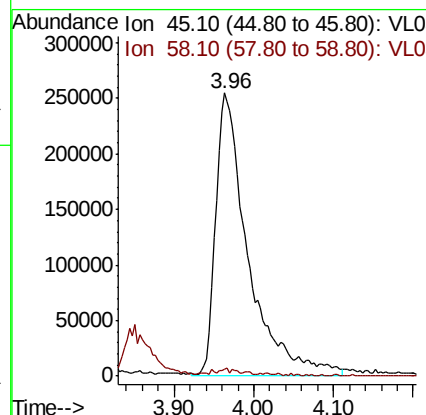
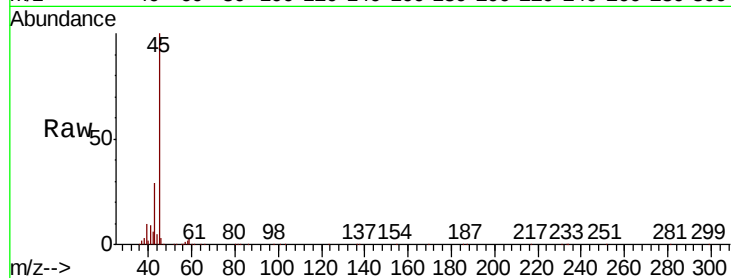
45 100

58 3.0 1.9 2.9#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VL036383.D

Acq: 25 Feb 2021 16:18

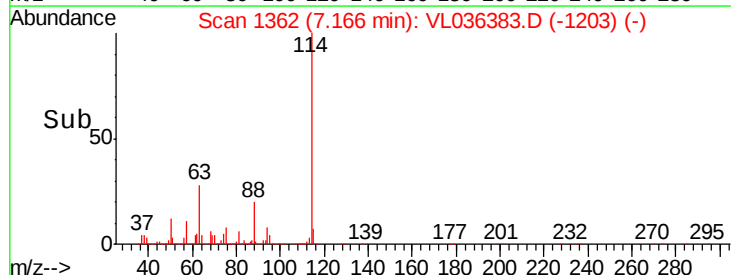
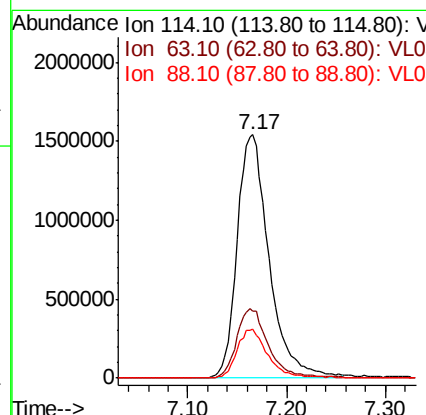
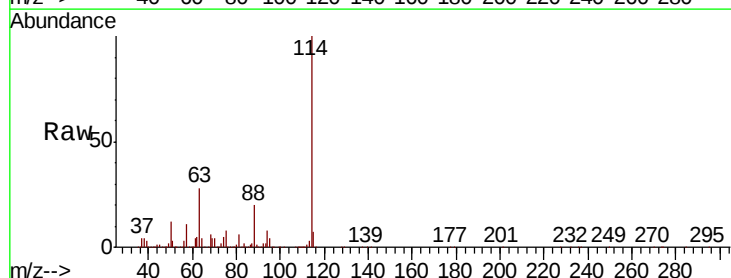
Tgt Ion: 114 Resp: 3475452

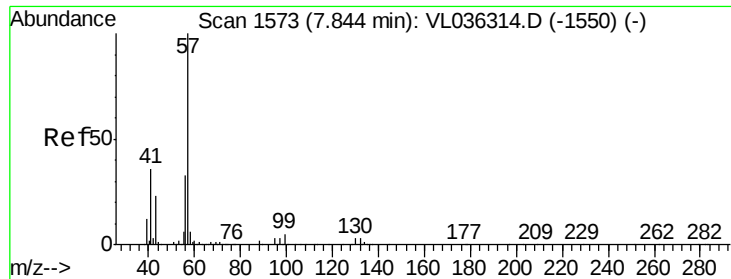
Ion Ratio Lower Upper

114 100

63 28.7 24.1 36.1

88 19.8 16.0 24.0





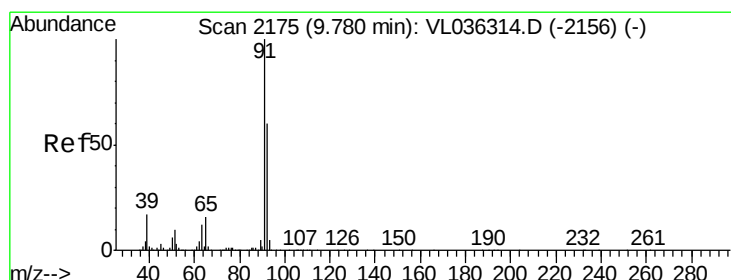
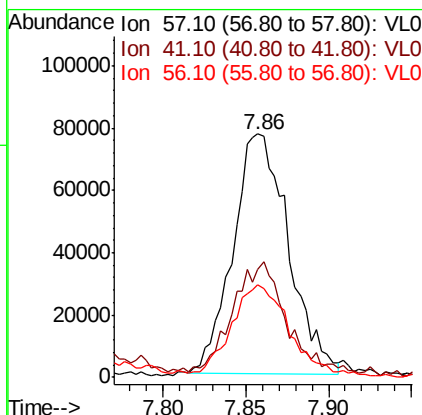
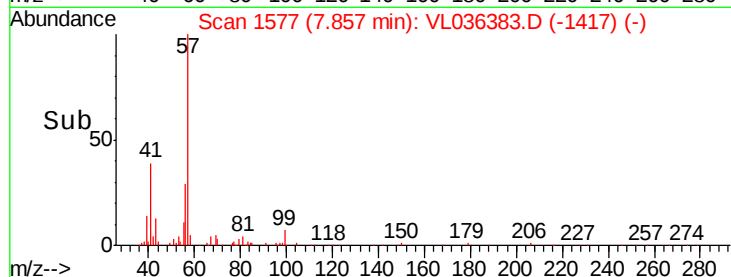
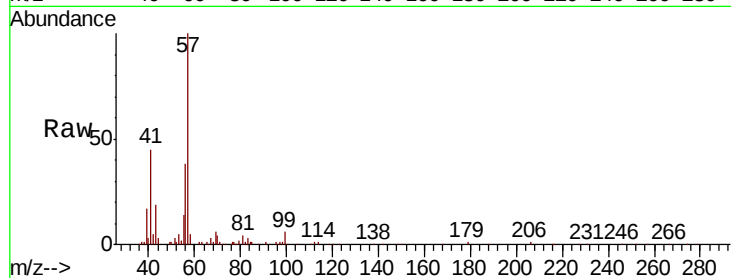
#44
 2,2,4-Trimethylpentane
 Concen: 0.335 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: VL036383.D
 Acq: 25 Feb 2021 16:18

Instrument :
 MSVOA_L
 ClientSampleID :
 NS-10DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	49.8	28.8	43.2#
56	42.5	25.8	38.6#

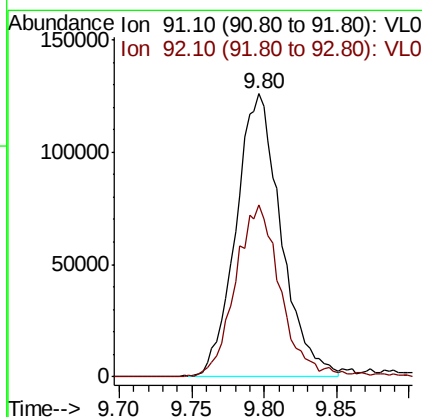
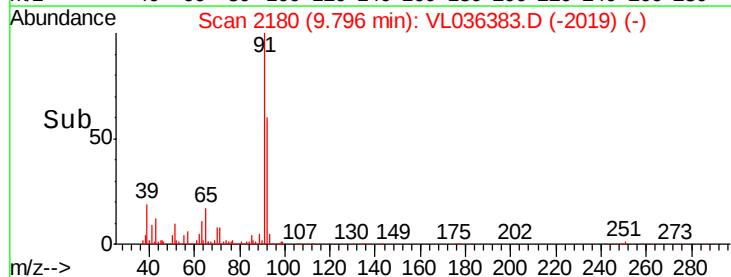
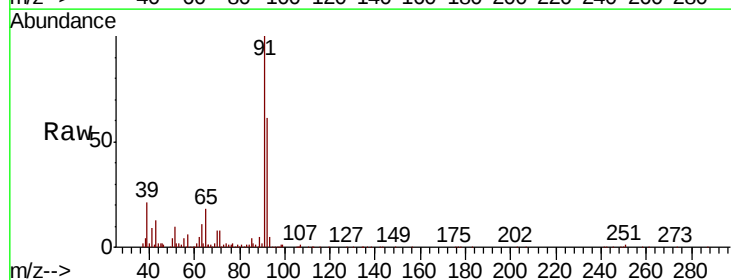
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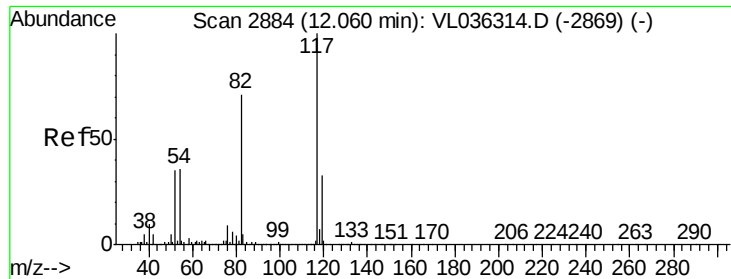
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#53
 Toluene
 Concen: 0.848 ppbv
 RT: 9.80 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: VL036383.D
 Acq: 25 Feb 2021 16:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.0	48.6	72.8





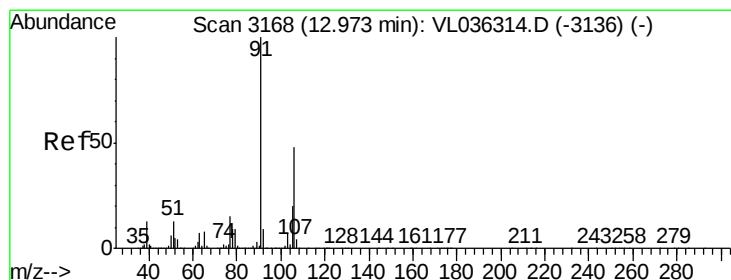
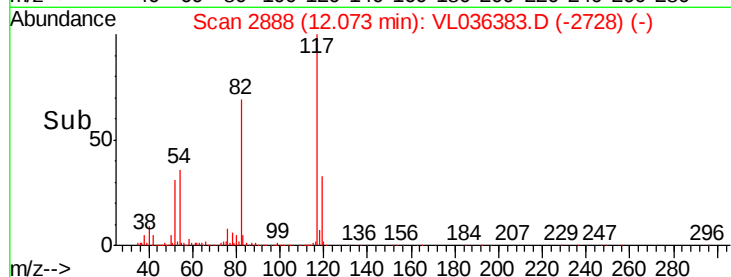
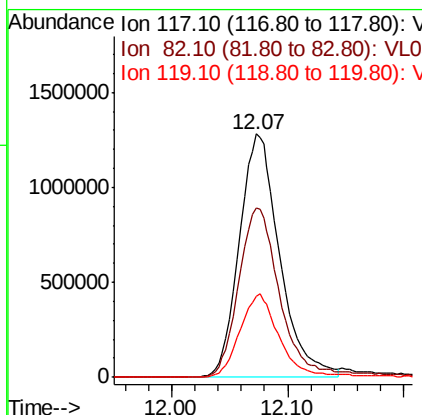
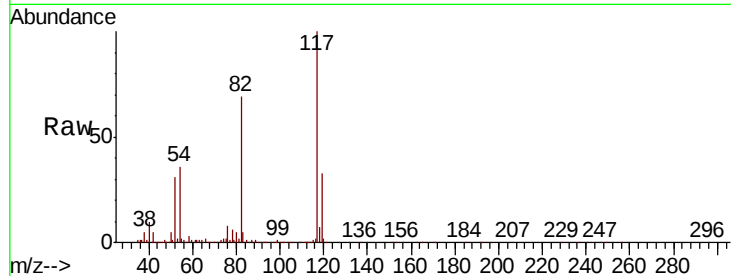
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: VL036383.D
Acq: 25 Feb 2021 16:18

Instrument :
MSVOA_L
ClientSampleId :
NS-10DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.8	59.1	88.7
119	33.9	46.3	69.5

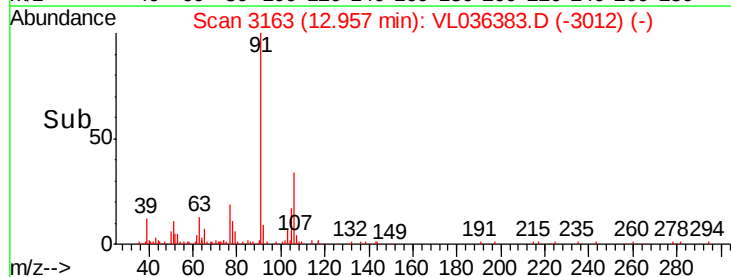
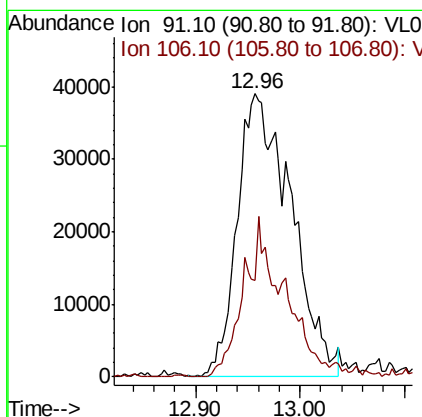
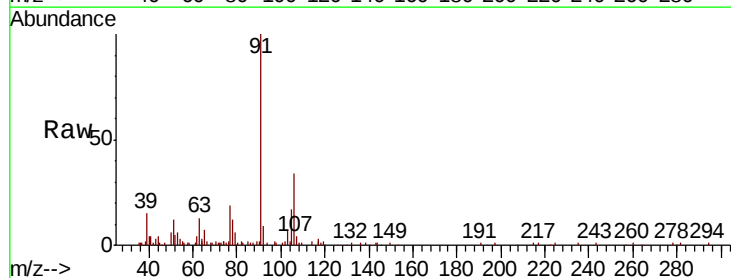
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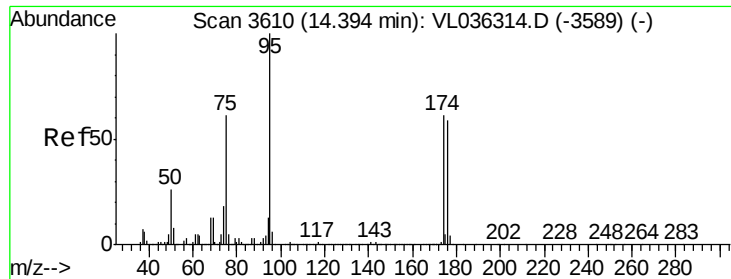
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#59
m/p-Xylene
Concen: 0.377 ppbv m
RT: 12.96 min Scan# 3163
Delta R.T. -0.02 min
Lab File: VL036383.D
Acq: 25 Feb 2021 16:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.2	51.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.811 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.01 min

Lab File: VL036383.D

Acq: 25 Feb 2021 16:18

Instrument :

MSVOA_L

ClientSampleId :

NS-10DL

Tot Ion: 95 Resp: 2497147

Ion Ratio Lower Upper

95 100

174 64.6 49.8 74.6

175 4.8 3.7 5.5

Manual Integrations
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