

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035133.D
 Acq On : 30 Jun 2020 20:15
 Operator : SY/AP
 Sample : L3124-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Manual Integrations
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Quant Time: Jul 01 14:58:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1300421	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3046242	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2886593	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2391713	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	120804	2.124	ppbv	95
13) Ethanol	3.57	45	256073	11.916	ppbv	99
15) Acetone	3.82	43	652809	4.152	ppbv #	76
17) tert-Butyl alcohol	4.28	59	50985m	0.366	ppbv	
19) Isopropyl Alcohol	3.94	45	782954	7.669	ppbv	99
20) Methylene Chloride	4.32	84	106464	1.673	ppbv	95
24) 1,1-Dichloroethane	5.00	63	128562	0.799	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	739519	3.983	ppbv	99
34) 2-Butanone	5.23	43	1879296	10.743	ppbv	99
41) Tetrahydrofuran	6.06	42	42349	0.474	ppbv	96
51) 2-Hexanone	10.18	43	130813	0.672	ppbv #	99

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

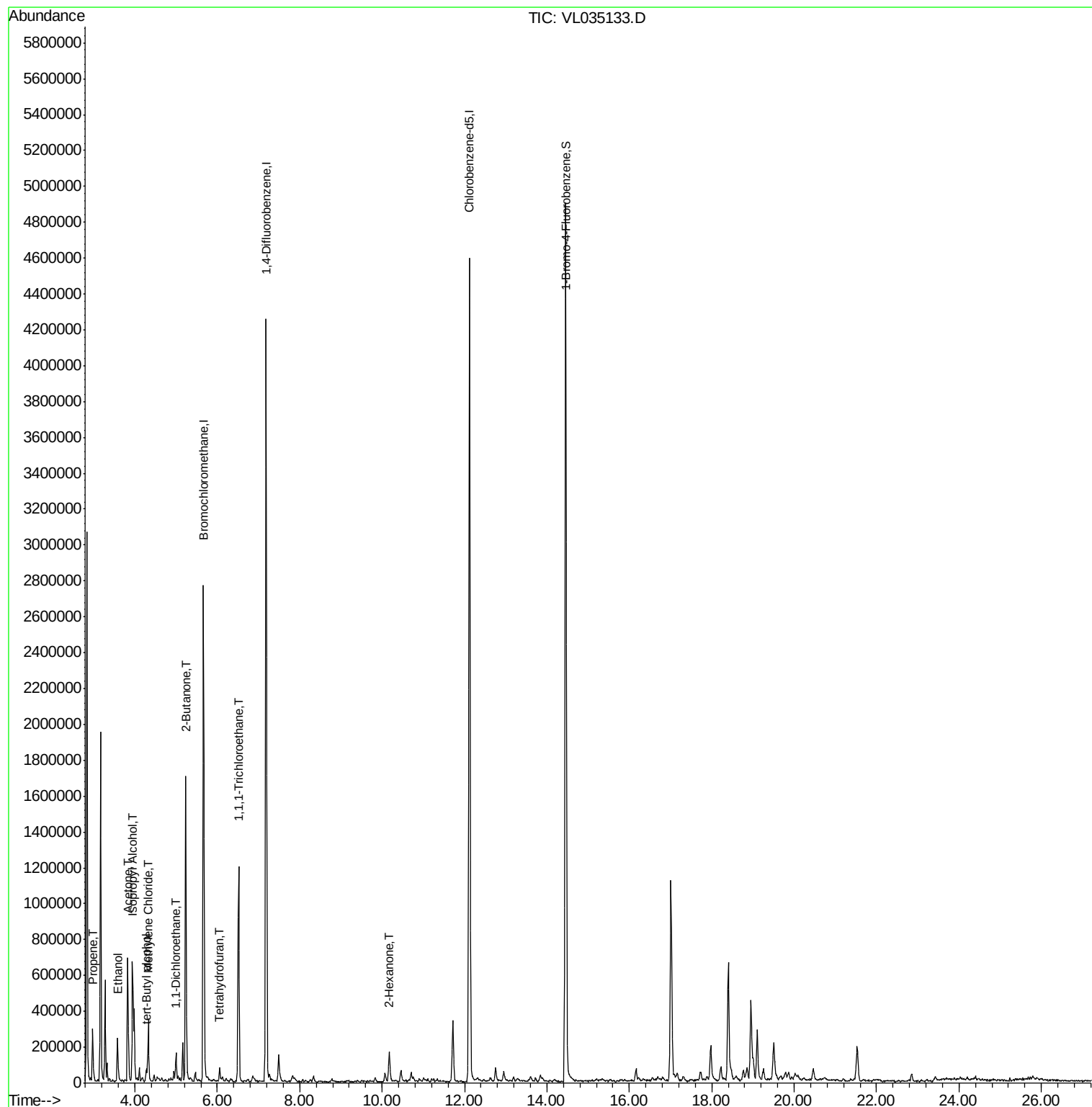
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL063020\
Data File : VL035133.D
Acq On : 30 Jun 2020 20:15
Operator : SY/AP
Sample : L3124-01DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

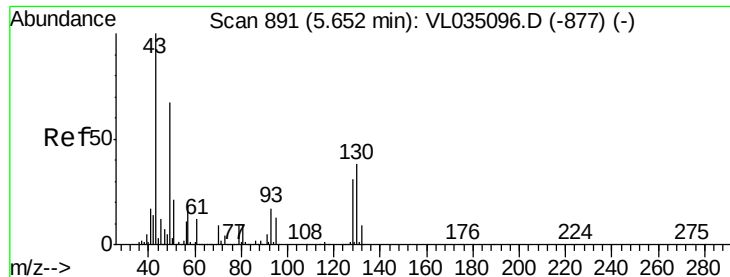
Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Manual Integrations
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Quant Time: Jul 01 14:58:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL035133.D

Acq: 30 Jun 2020 20:15

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

Tot Ion: 49 Resp: 1300421

Ion Ratio Lower Upper

49 100

128 46.0 22.9 68.5

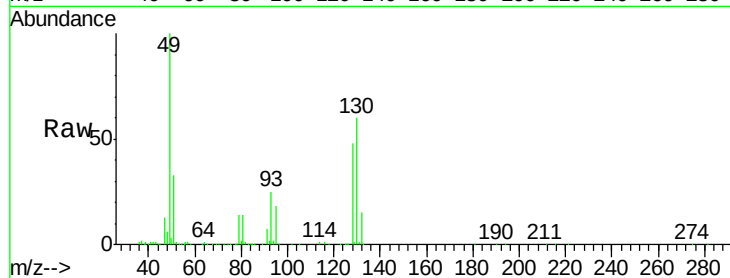
130 59.9 29.0 87.0

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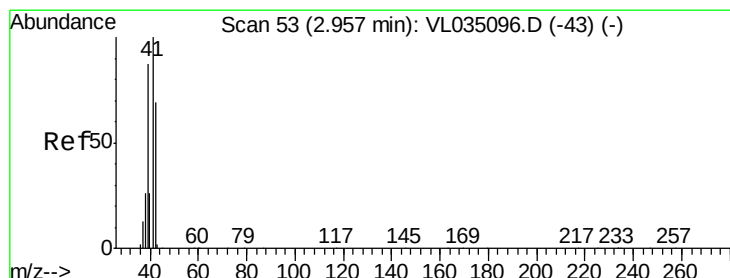
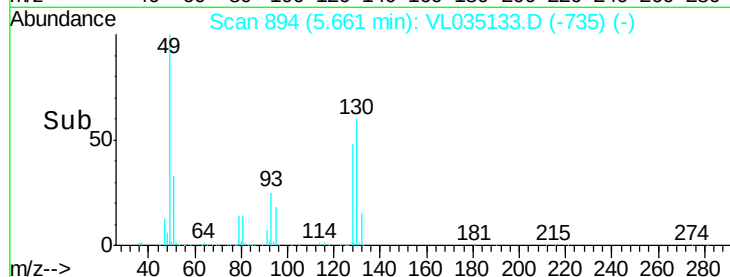
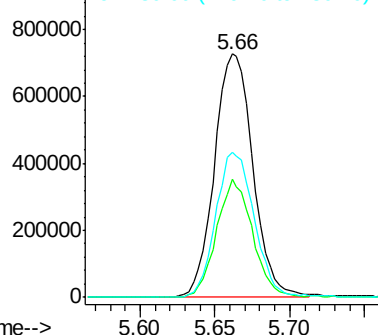
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 2.124 ppbv

RT: 2.97 min Scan# 58

Delta R.T. 0.02 min

Lab File: VL035133.D

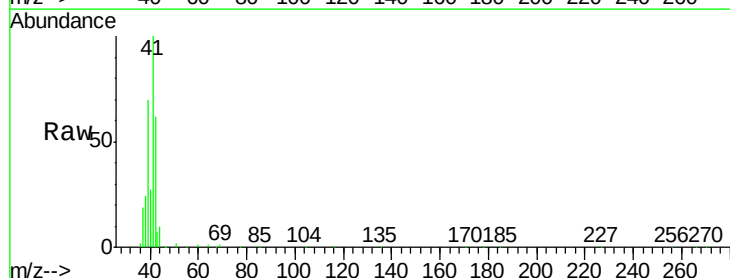
Acq: 30 Jun 2020 20:15

Tgt Ion: 41 Resp: 120804

Ion Ratio Lower Upper

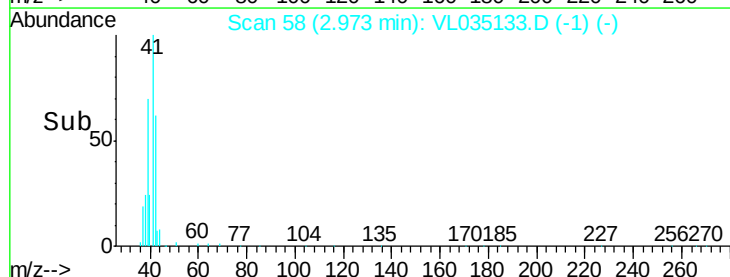
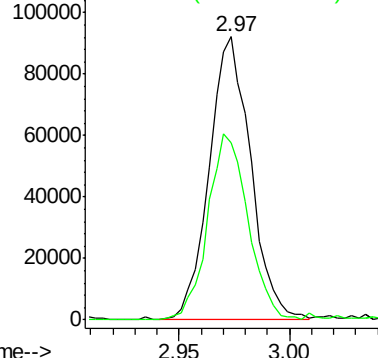
41 100

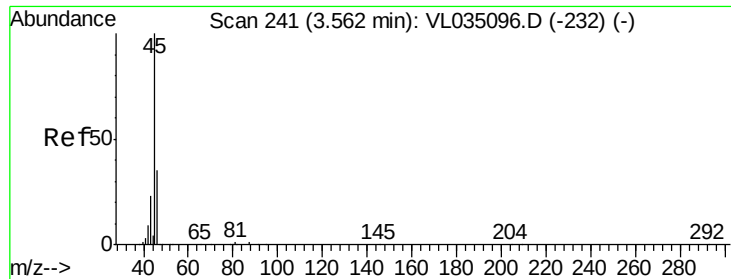
42 65.3 55.8 83.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





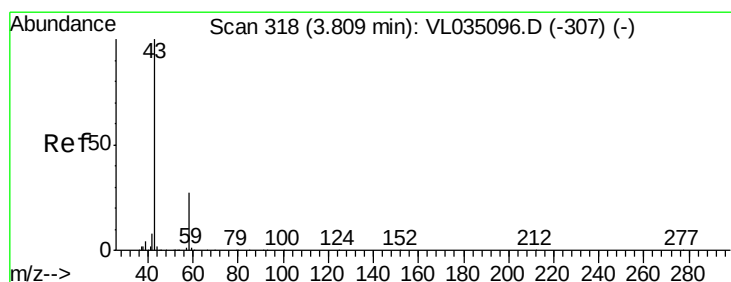
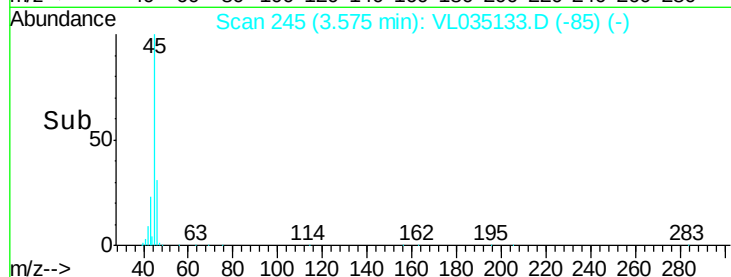
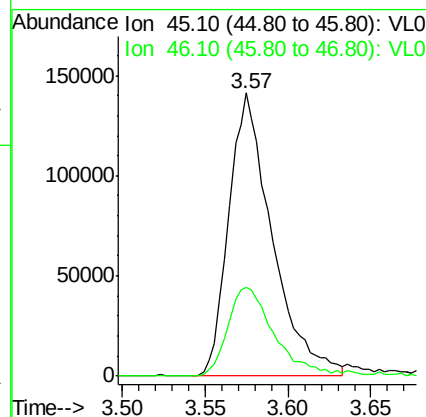
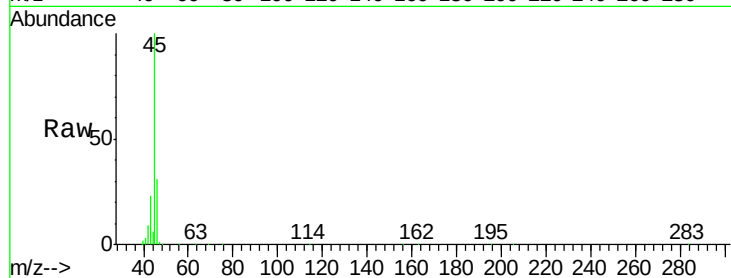
#13
Ethanol
Concen: 11.916 ppbv
RT: 3.57 min Scan# 245
Delta R.T. 0.01 min
Lab File: VL035133.D
Acq: 30 Jun 2020 20:15

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tot Ion	Ratio	Lower	Upper
45	100		
46	34.9	14.2	57.0

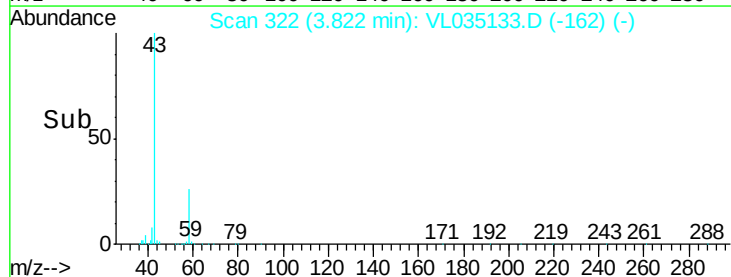
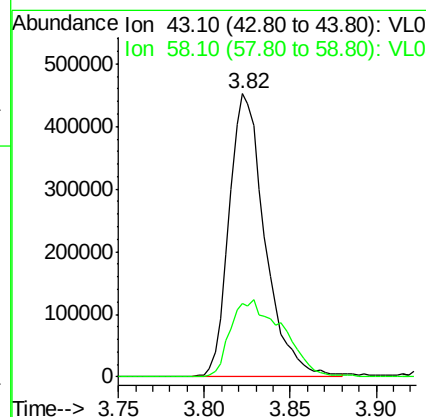
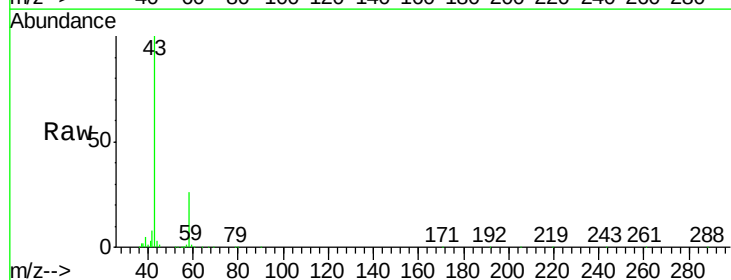
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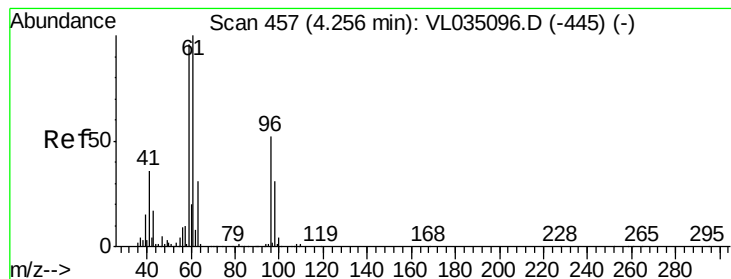
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#15
Acetone
Concen: 4.152 ppbv
RT: 3.82 min Scan# 322
Delta R.T. 0.01 min
Lab File: VL035133.D
Acq: 30 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	21.8	32.6#





#17

tert-Butyl alcohol

Concen: 0.366 ppbv

RT: 4.28 min Scan# 464

Delta R.T. 0.02 min

Lab File: VL035133.D

Acq: 30 Jun 2020 20:15

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

Tot Ion: 59 Resp: 50985

Ion Ratio Lower Upper

59 100

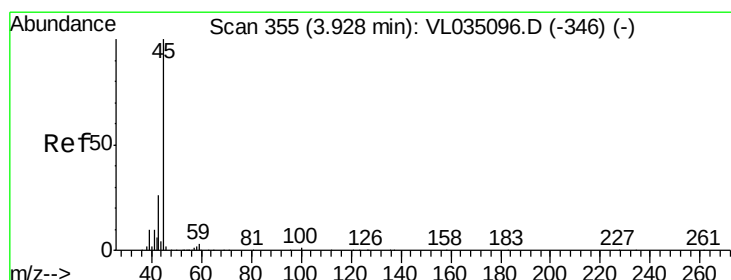
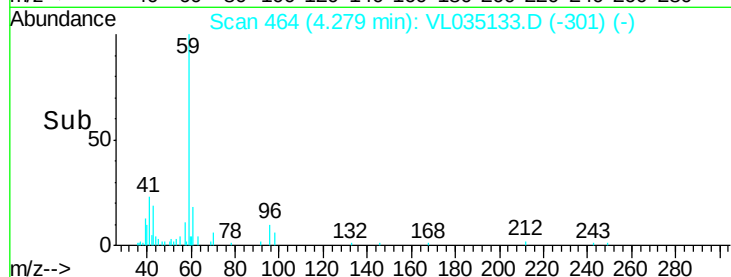
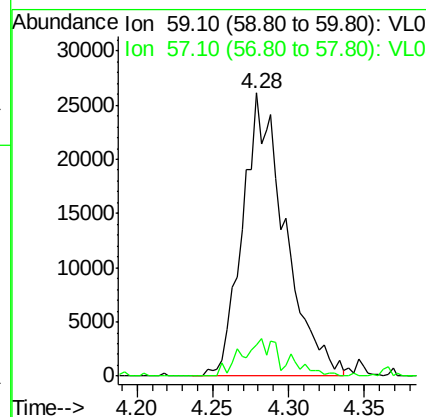
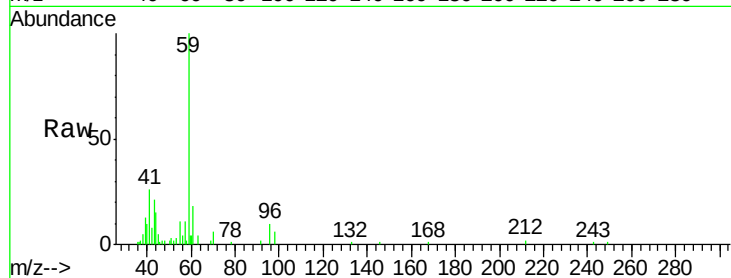
57 13.2 8.6 12.8#

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#19

Isopropyl Alcohol

Concen: 7.669 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.02 min

Lab File: VL035133.D

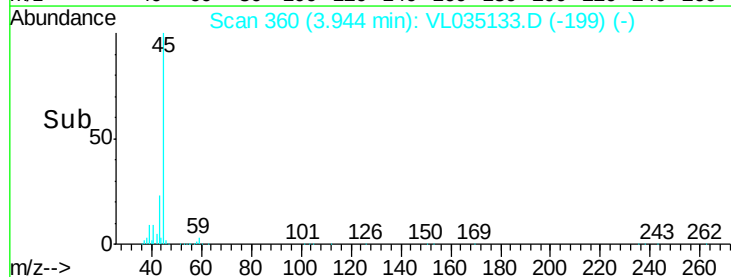
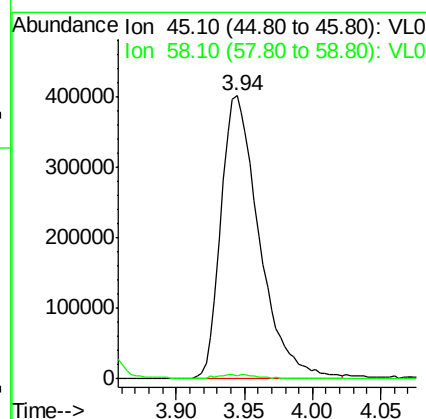
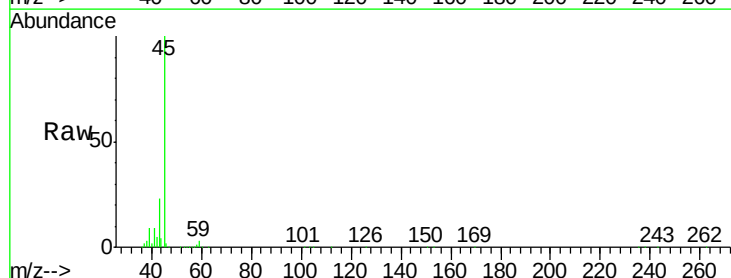
Acq: 30 Jun 2020 20:15

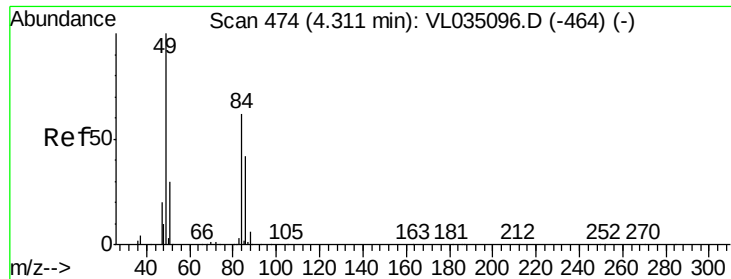
Tgt Ion: 45 Resp: 782954

Ion Ratio Lower Upper

45 100

58 1.9 1.8 2.8





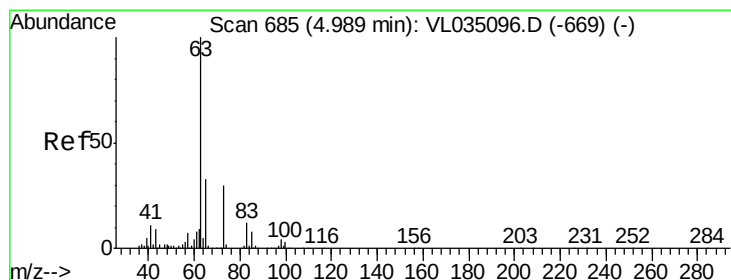
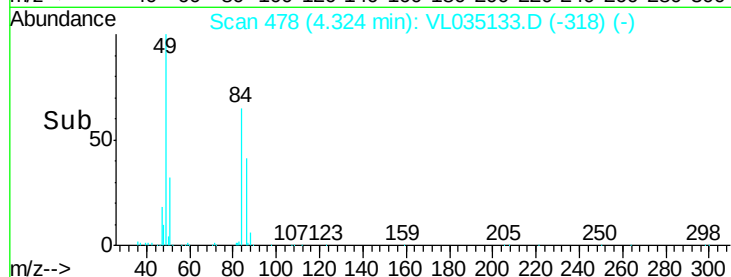
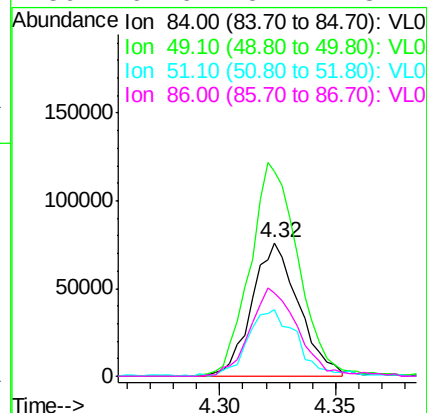
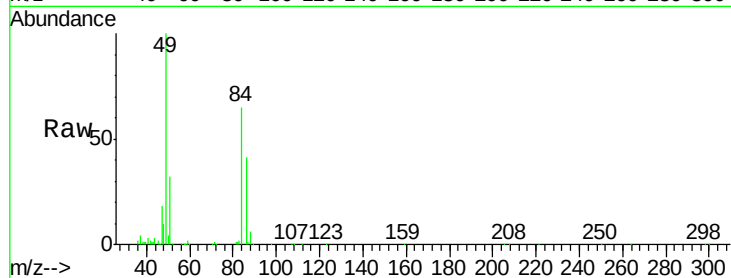
#20
Methylene Chloride
Concen: 1.673 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035133.D
Acq: 30 Jun 2020 20:15

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tot Ion:	84	Resp:	106464
Ion	Ratio	Lower	Upper
84	100		
49	153.8	128.8	193.2
51	49.7	38.7	58.1
86	62.6	54.1	81.1

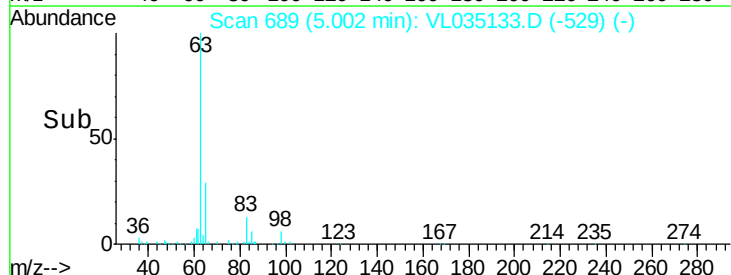
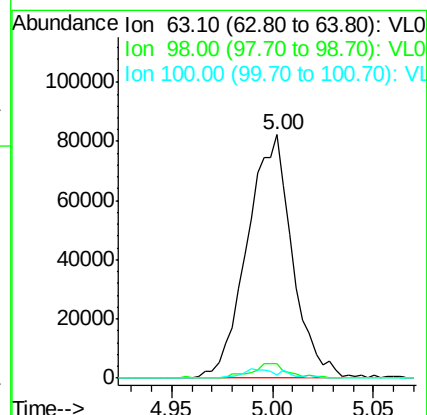
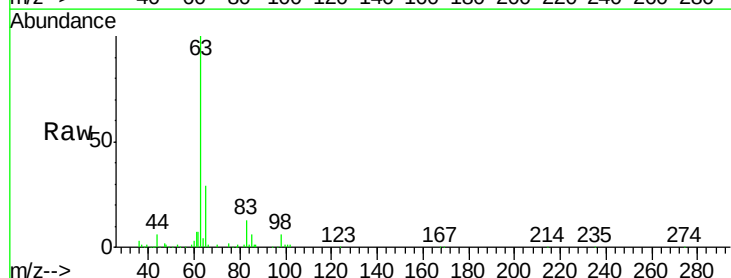
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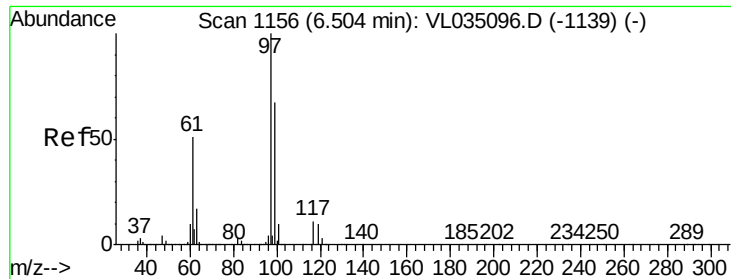
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#24
1,1-Dichloroethane
Concen: 0.799 ppbv
RT: 5.00 min Scan# 689
Delta R.T. 0.01 min
Lab File: VL035133.D
Acq: 30 Jun 2020 20:15

Tgt Ion:	63	Resp:	128562
Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.3	6.9
100	1.5	1.4	4.0





#32

1,1,1-Trichloroethane

Concen: 3.983 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VL035133.D

Acq: 30 Jun 2020 20:15

Instrument :

MSVOA_L

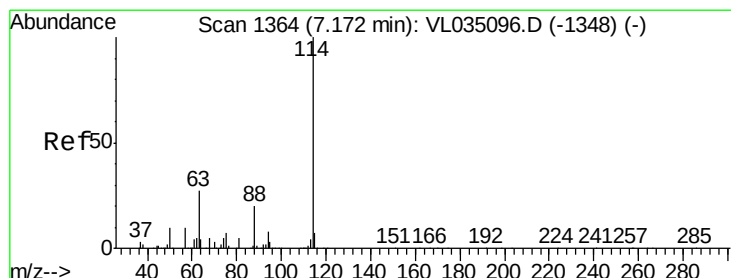
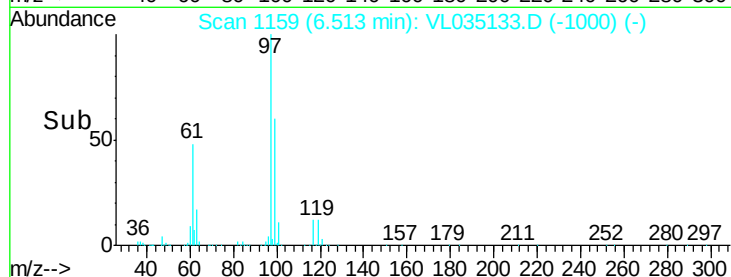
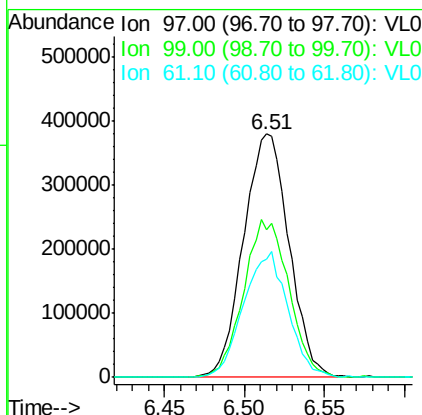
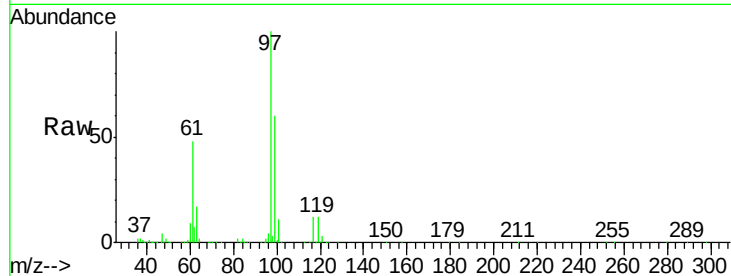
ClientSampleId :

INFLUENTDL

Tot Ion:	97	Resp:	739519
Ion Ratio	Lower	Upper	
97	100		
99	64.7	52.0	78.0
61	50.5	41.0	61.6

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

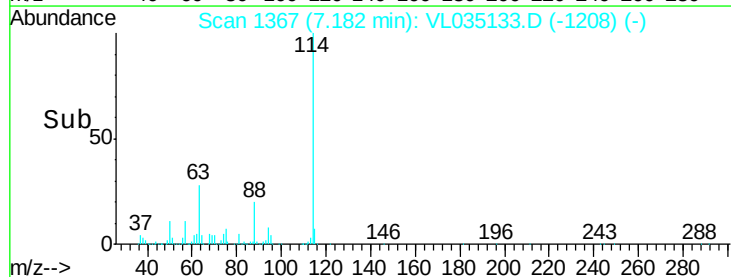
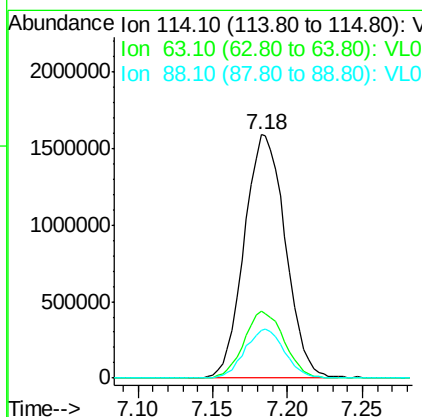
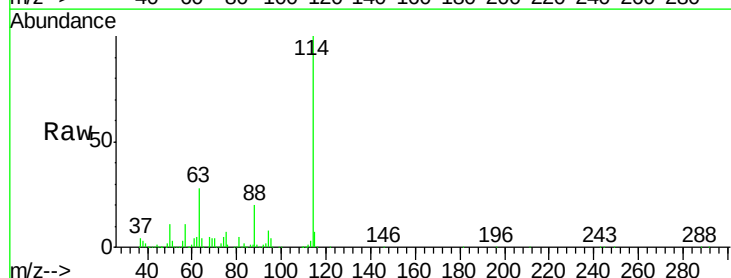
RT: 7.18 min Scan# 1367

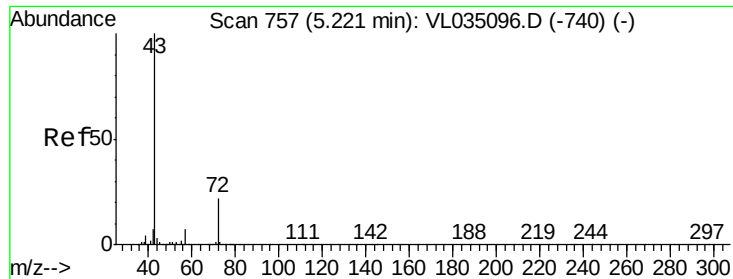
Delta R.T. 0.01 min

Lab File: VL035133.D

Acq: 30 Jun 2020 20:15

Tgt Ion:	114	Resp:	3046242
Ion Ratio	Lower	Upper	
114	100		
63	26.9	21.9	32.9
88	19.4	15.6	23.4





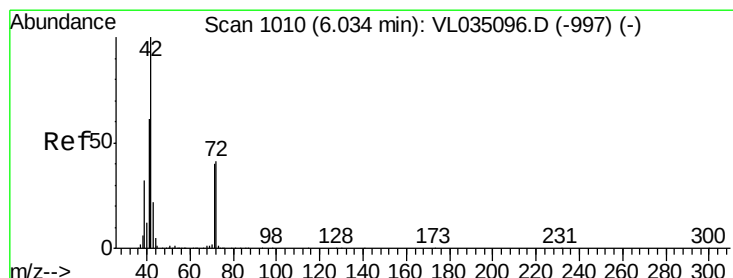
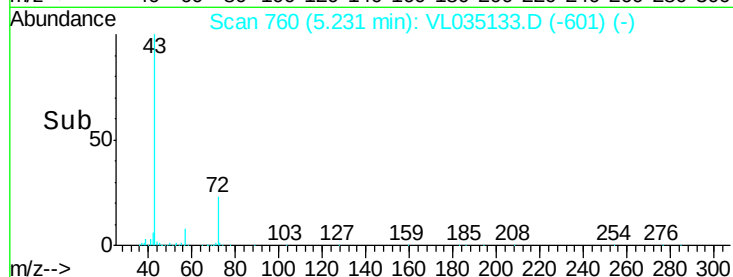
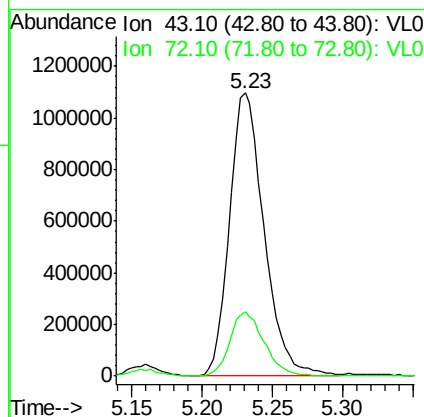
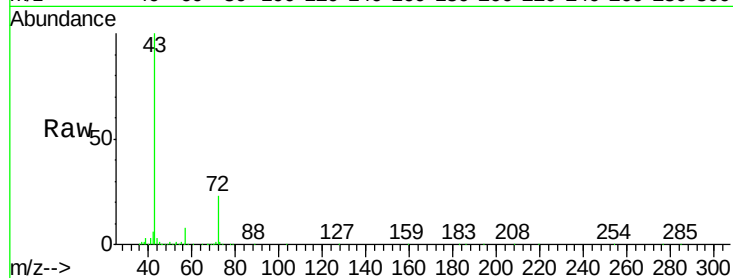
#34
2-Butanone
Concen: 10.743 ppbv
RT: 5.23 min Scan# 760
Delta R.T. 0.01 min
Lab File: VL035133.D
Acq: 30 Jun 2020 20:15

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tot Ion: 43 Resp: 1879296
Ion Ratio Lower Upper
43 100
72 22.5 18.3 27.5

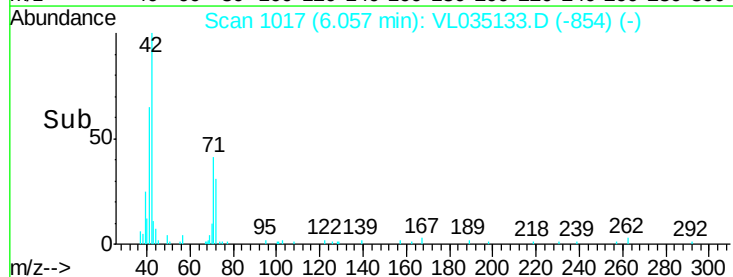
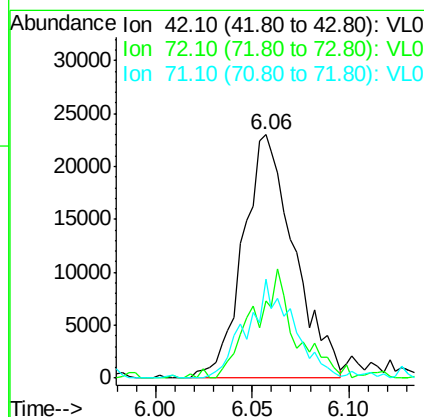
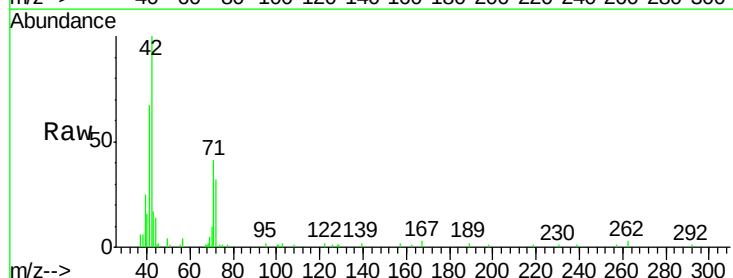
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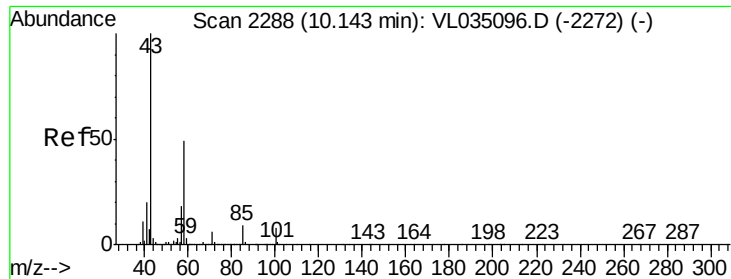
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#41
Tetrahydrofuran
Concen: 0.474 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. 0.02 min
Lab File: VL035133.D
Acq: 30 Jun 2020 20:15

Tgt Ion: 42 Resp: 42349
Ion Ratio Lower Upper
42 100
72 38.8 33.4 50.2
71 37.6 31.8 47.6





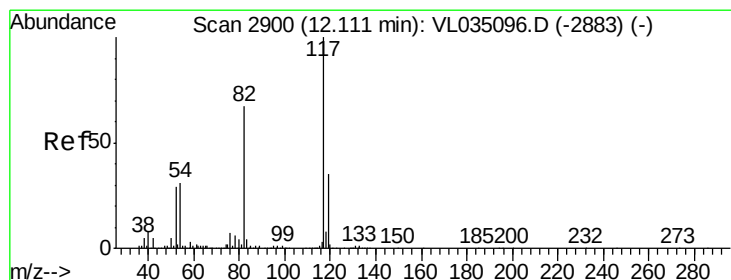
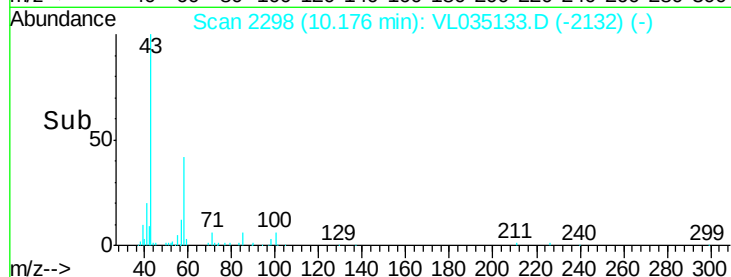
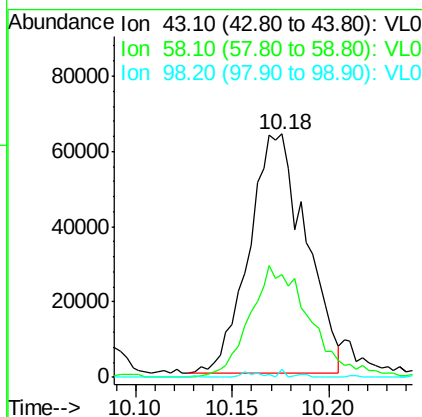
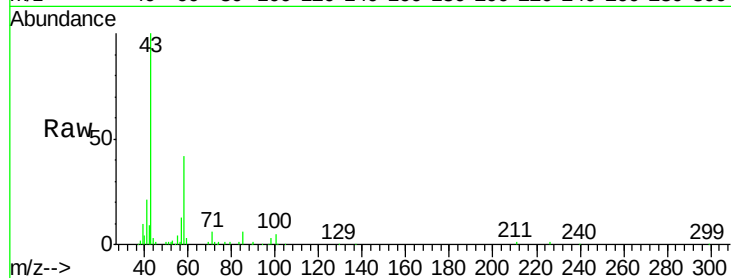
#51
2-Hexanone
Concen: 0.672 ppbv
RT: 10.18 min Scan# 2298
Delta R.T. 0.03 min
Lab File: VL035133.D
Acq: 30 Jun 2020 20:15

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.3	39.2	58.8
98	1.2	0.3	0.5

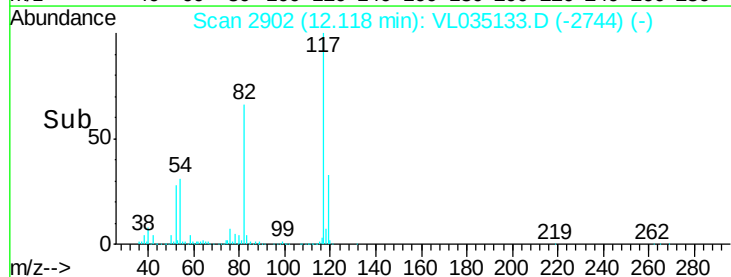
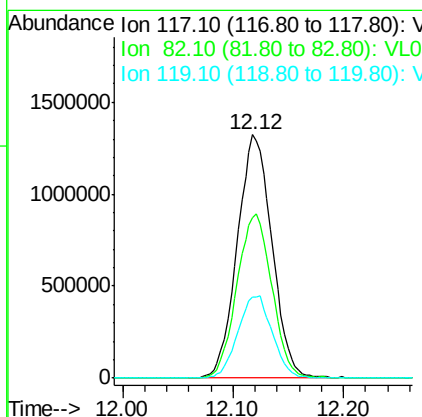
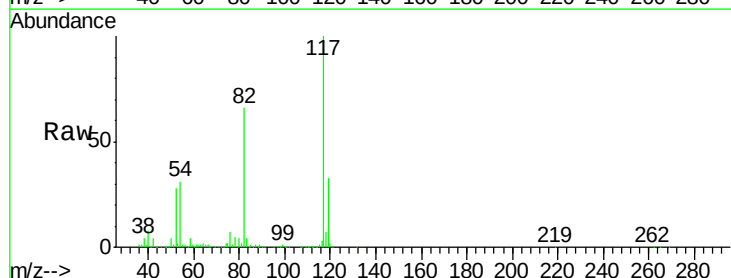
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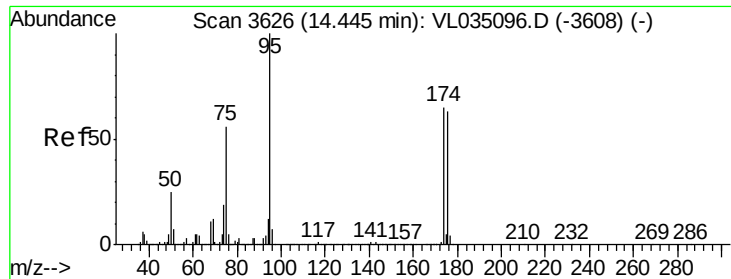
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL035133.D
Acq: 30 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.2	50.4	75.6
119	33.7	25.4	38.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.974 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.01 min
 Lab File: VL035133.D
 Acq: 30 Jun 2020 20:15

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.0	52.2	78.2
175	5.0	4.0	6.0

Manual Integrations
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