

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035134.D
 Acq On : 30 Jun 2020 20:53
 Operator : SY/AP
 Sample : L3124-01DL 40X
 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 04:50:17 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	1252968	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2939862	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2752409	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2321907	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	25679	0.469	ppbv	92
13) Ethanol	3.58	45	51700	2.497	ppbv	95
15) Acetone	3.83	43	169212	1.117	ppbv #	76
19) Isopropyl Alcohol	3.95	45	156499	1.591	ppbv #	97
20) Methylene Chloride	4.32	84	35058	0.572	ppbv	97
24) 1,1-Dichloroethane	5.00	63	28725m	0.185	ppbv	
26) Hexane	5.68	57	16035m	0.130	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	158409	0.885	ppbv	99
34) 2-Butanone	5.24	43	412838	2.445	ppbv	97

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

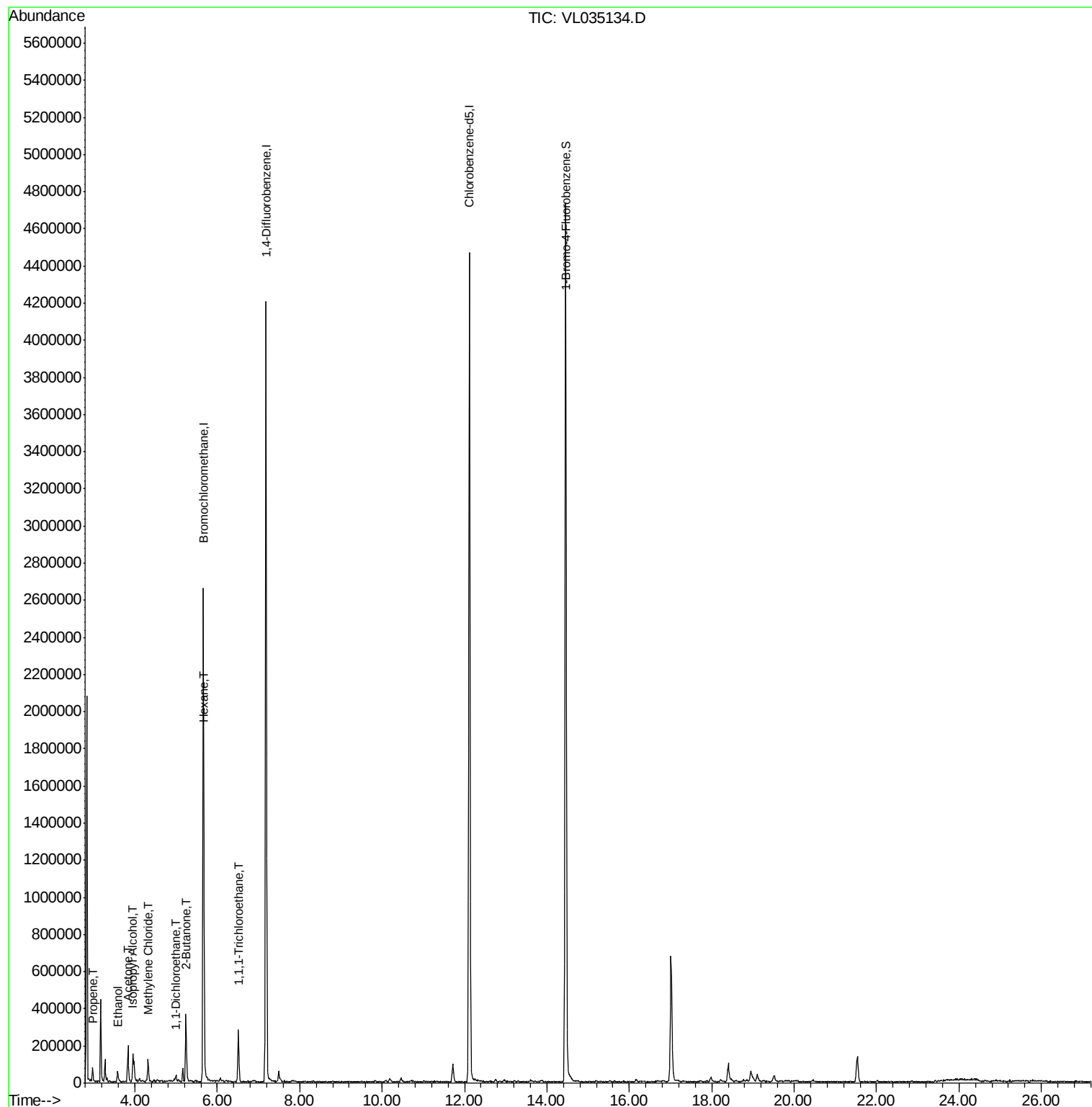
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL063020\
Data File : VL035134.D
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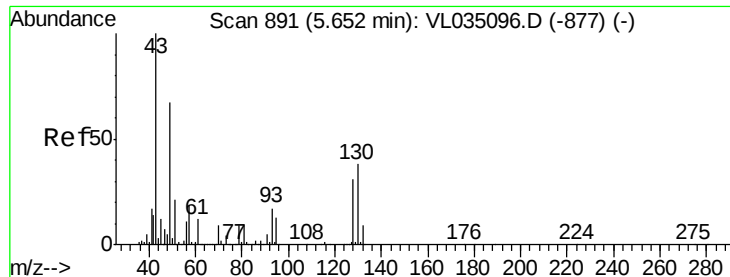
Instrument :
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Quant Time: Jul 01 04:50:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

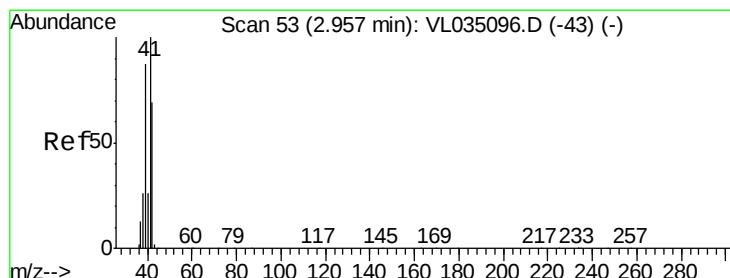
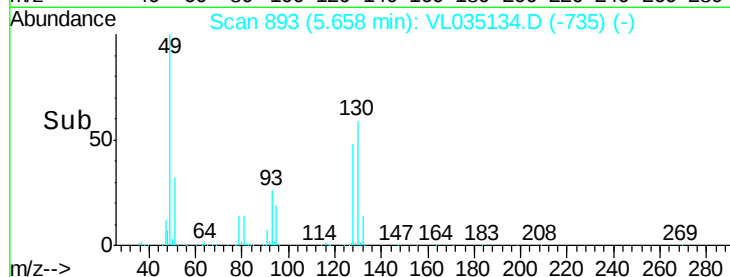
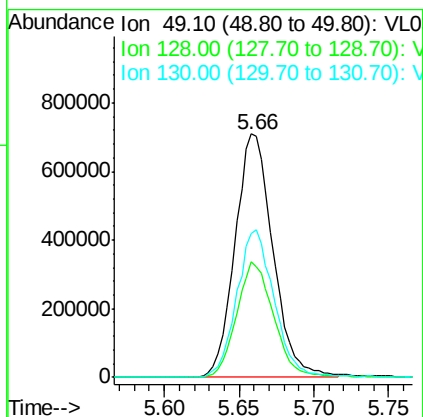
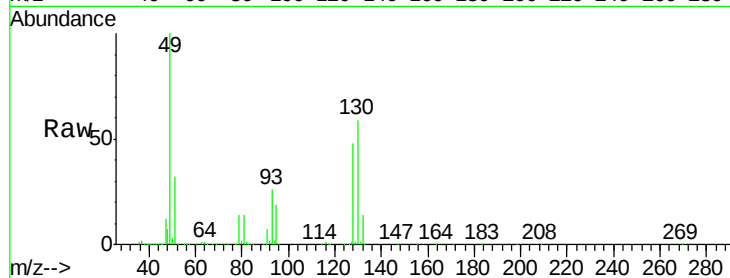
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VL035134.D
 Acq: 30 Jun 2020 20:53

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.5	22.9	68.5
130	60.2	29.0	87.0

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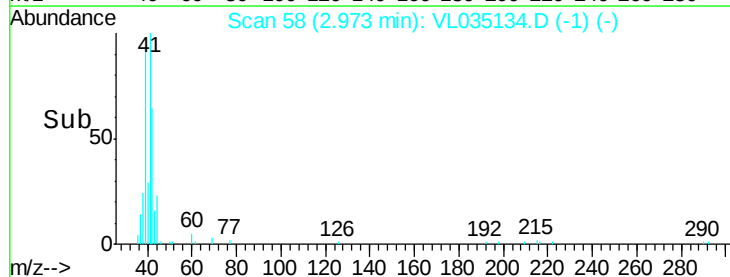
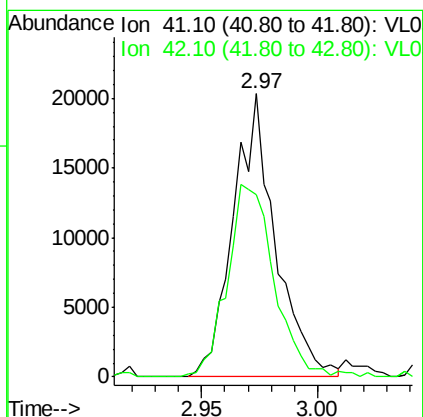
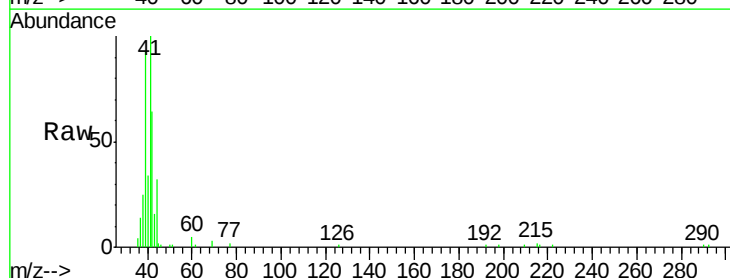
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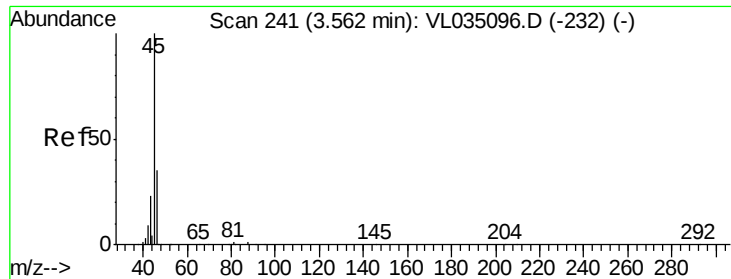


#9

Propene
 Concen: 0.469 ppbv
 RT: 2.97 min Scan# 58
 Delta R.T. 0.02 min
 Lab File: VL035134.D
 Acq: 30 Jun 2020 20:53

Tgt Ion	Ratio	Lower	Upper
41	100		
42	76.1	55.8	83.6





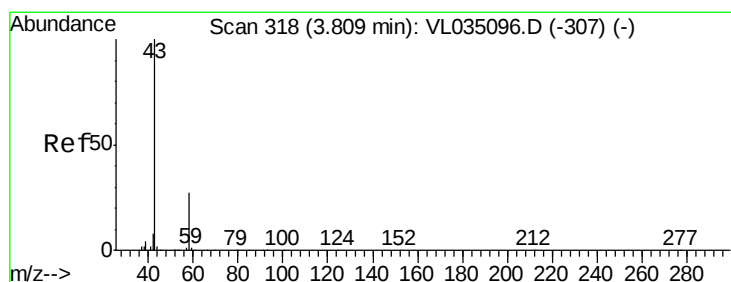
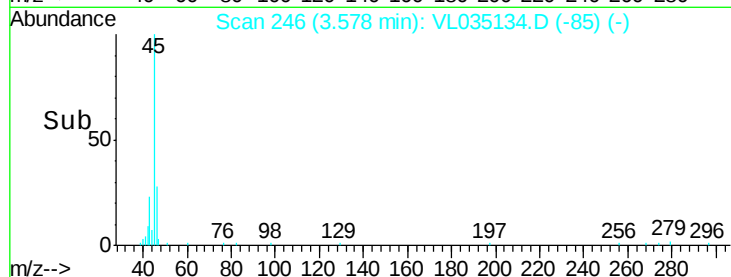
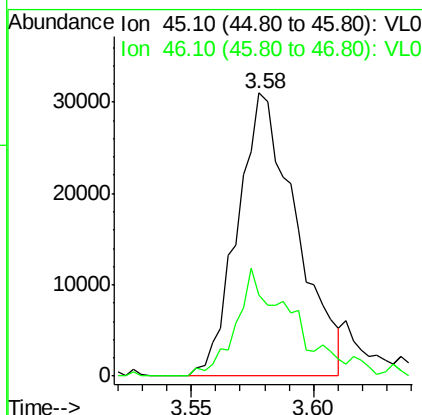
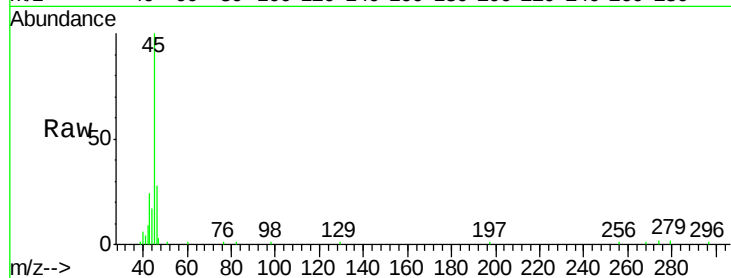
#13
Ethanol
Concen: 2.497 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.02 min
Lab File: VL035134.D
Acq: 30 Jun 2020 20:53

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tot Ion: 45 Resp: 51700
Ion Ratio Lower Upper
45 100
46 38.5 14.2 57.0

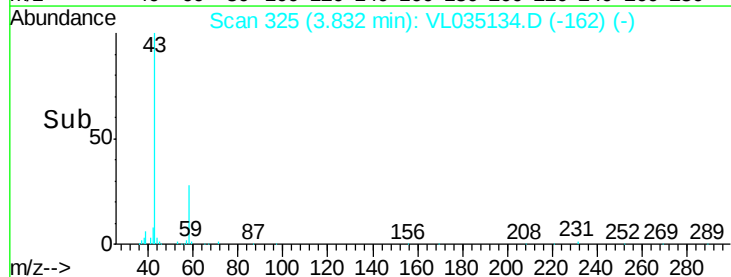
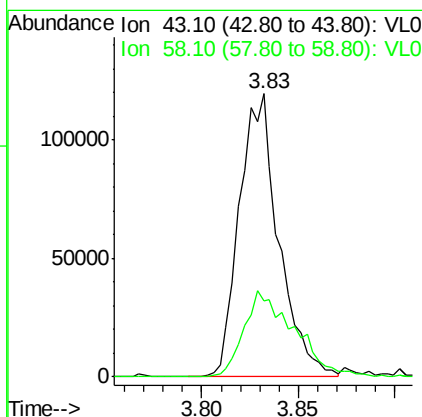
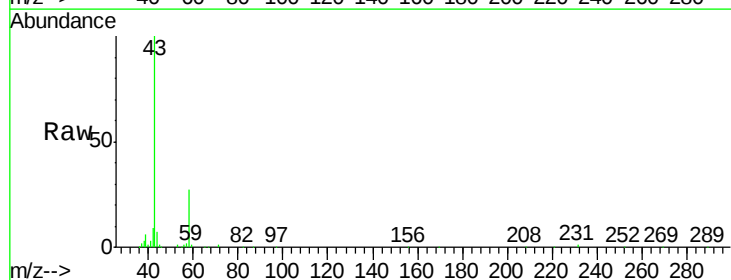
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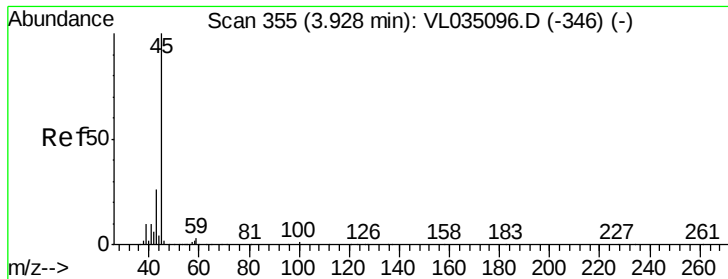
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#15
Acetone
Concen: 1.117 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.02 min
Lab File: VL035134.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 43 Resp: 169212
Ion Ratio Lower Upper
43 100
58 39.6 21.8 32.6#





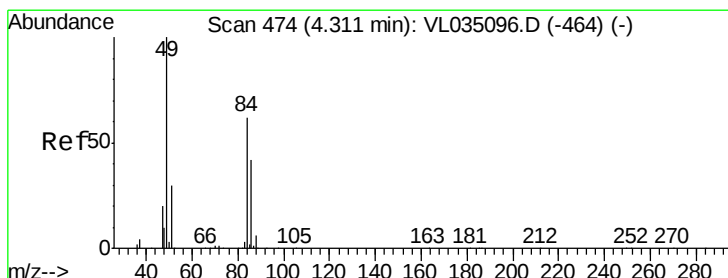
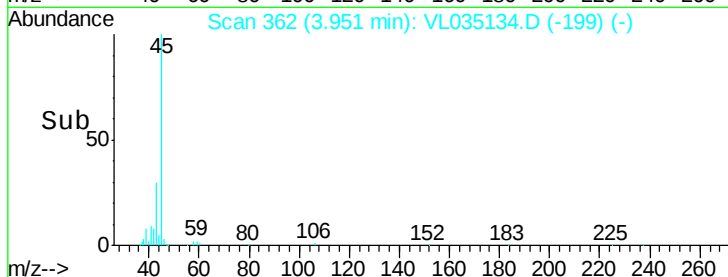
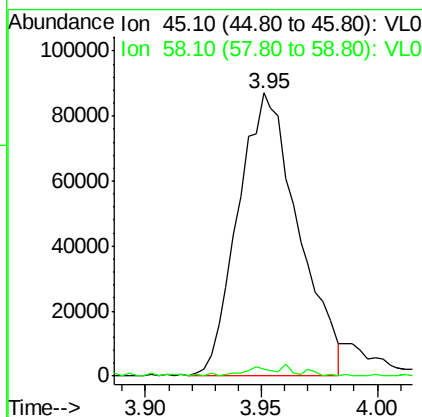
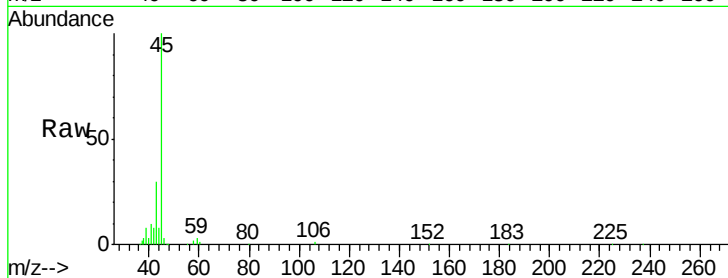
#19
Isopropyl Alcohol
Concen: 1.591 ppbv
RT: 3.95 min Scan# 362
Delta R.T. 0.02 min
Lab File: VL035134.D
Acq: 30 Jun 2020 20:53

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tot Ion	Ratio	Lower	Upper
45	100		
58	3.3	1.8	2.8#

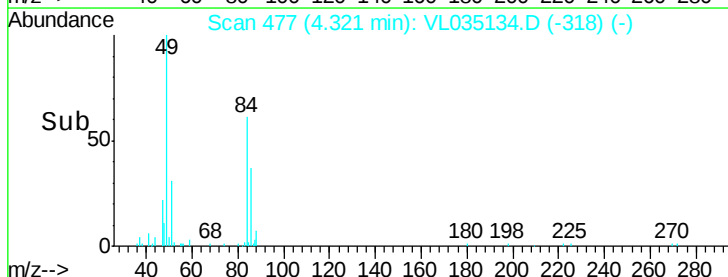
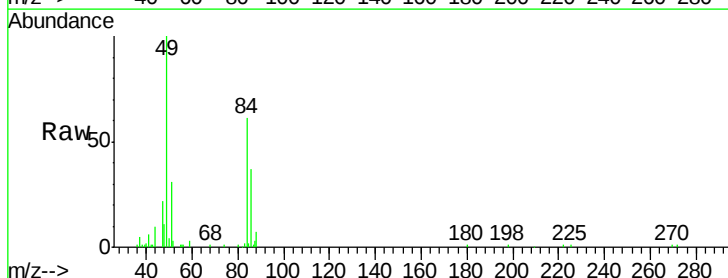
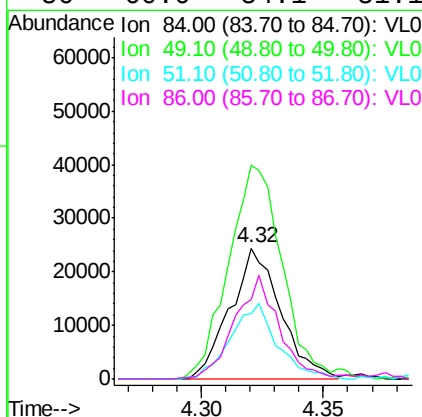
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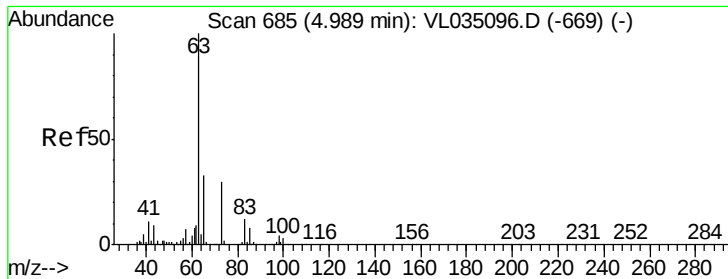
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#20
Methylene Chloride
Concen: 0.572 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL035134.D
Acq: 30 Jun 2020 20:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	159.1	128.8	193.2
51	49.3	38.7	58.1
86	60.0	54.1	81.1





#24

1,1-Dichloroethane

Concen: 0.185 ppbv m

RT: 5.00 min Scan# 687

Delta R.T. 0.01 min

Lab File: VL035134.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_L

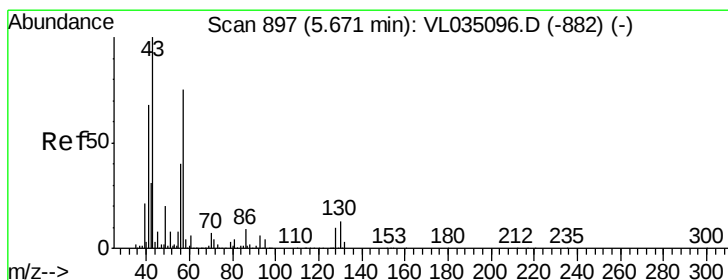
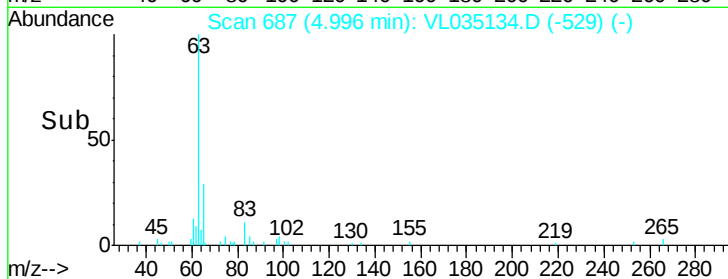
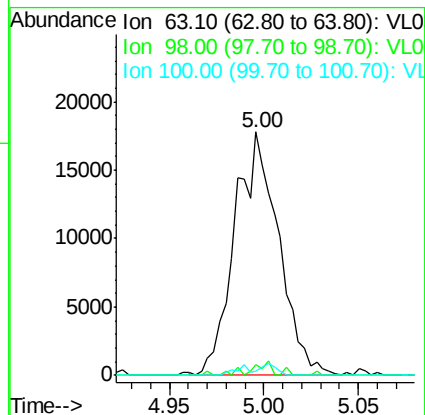
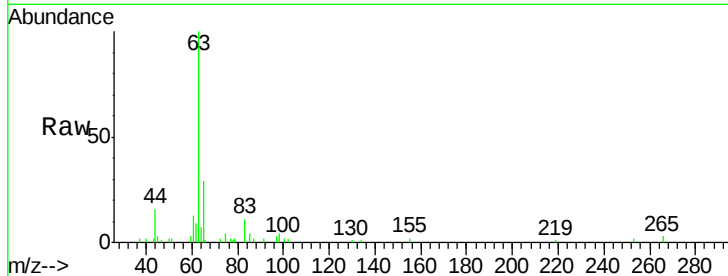
ClientSampleId :

INFLUENTDL

Tot Ion	Ratio	Resp	Lower	Upper
63	100	28725		
98	4.4	2.3	6.9	
100	1.8	1.4	4.0	

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#26

Hexane

Concen: 0.130 ppbv m

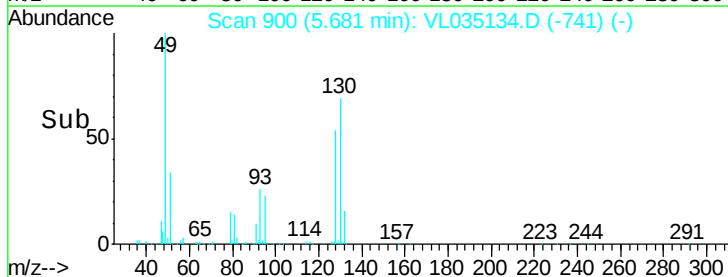
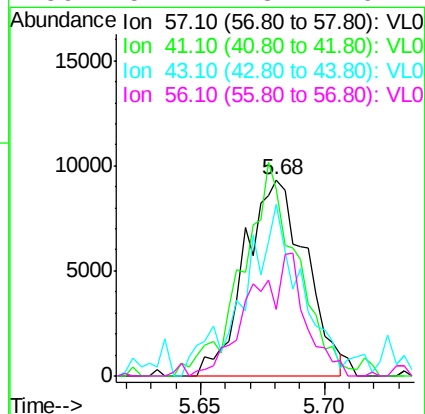
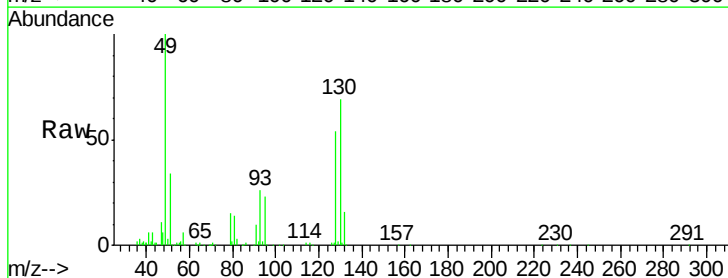
RT: 5.68 min Scan# 900

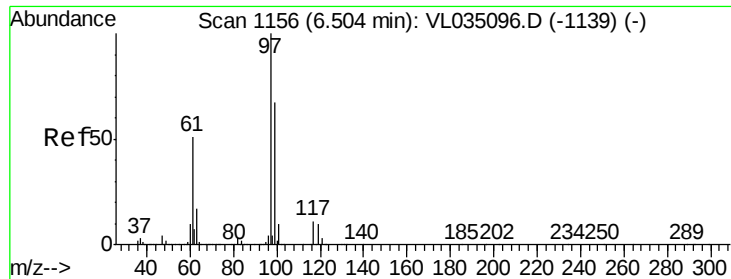
Delta R.T. 0.01 min

Lab File: VL035134.D

Acq: 30 Jun 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
57	100	16035		
41	99.4	72.9	109.3	
43	81.9	181.3	271.9	
56	57.2	43.1	64.7	





#32

1,1,1-Trichloroethane

Concen: 0.885 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VL035134.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_L

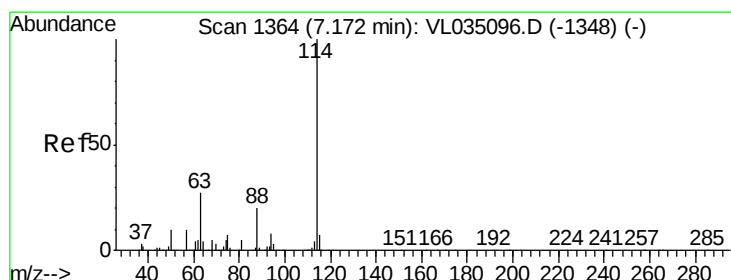
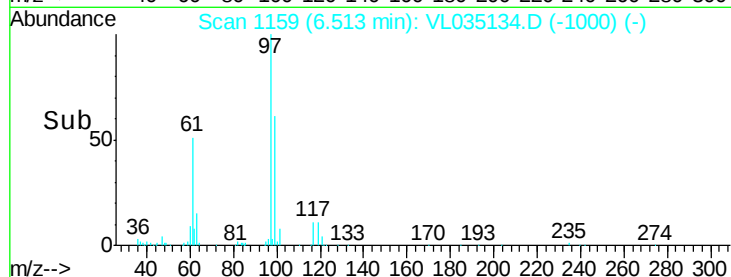
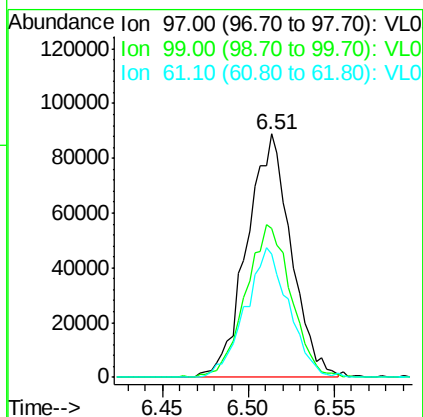
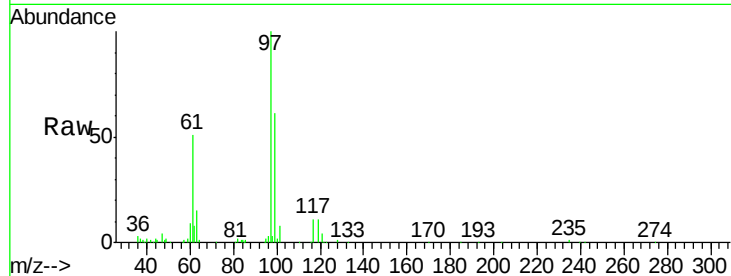
ClientSampleId :

INFLUENTDL

Tot Ion:	97	Resp:	158409
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	52.5	41.0	61.6

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

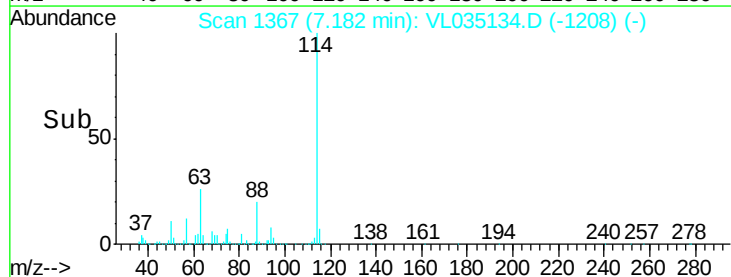
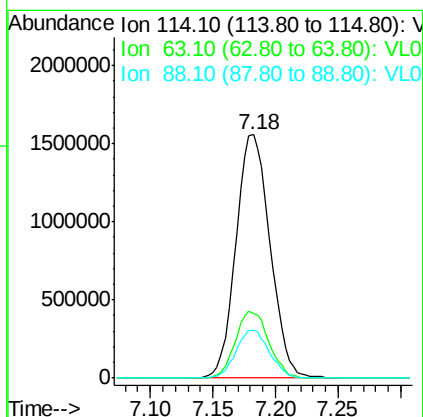
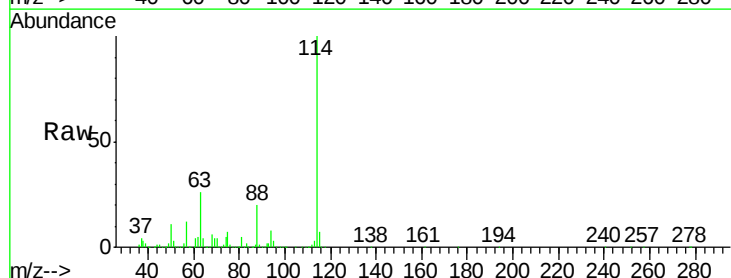
RT: 7.18 min Scan# 1367

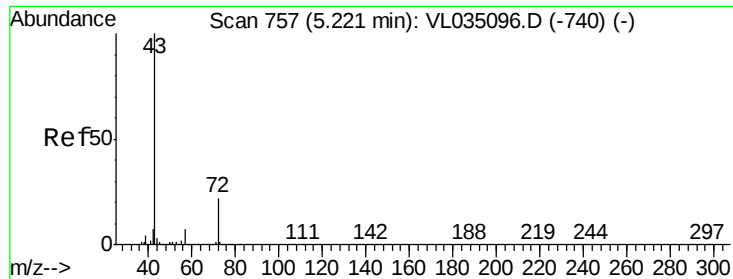
Delta R.T. 0.01 min

Lab File: VL035134.D

Acq: 30 Jun 2020 20:53

Tgt Ion:	114	Resp:	2939862
Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.9	32.9
88	19.4	15.6	23.4





#34

2-Butanone

Concen: 2.445 ppbv

RT: 5.24 min Scan# 762

Delta R.T. 0.02 min

Lab File: VL035134.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

Tot Ion: 43 Resp: 412838

Ion Ratio Lower Upper

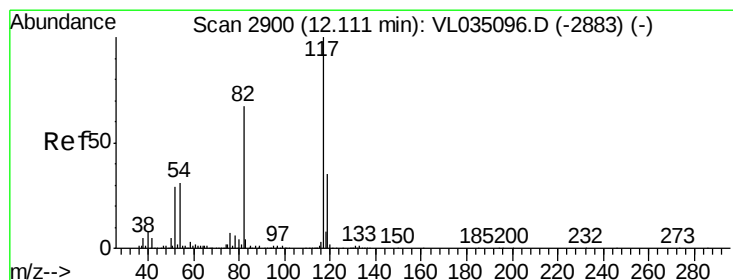
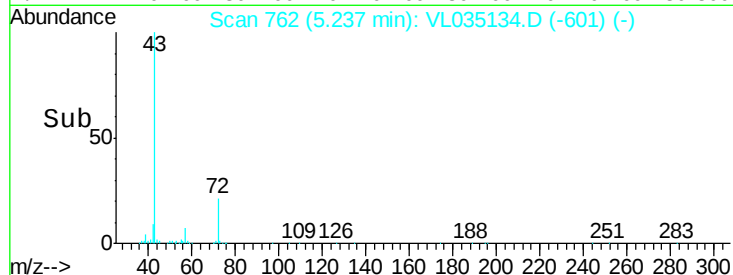
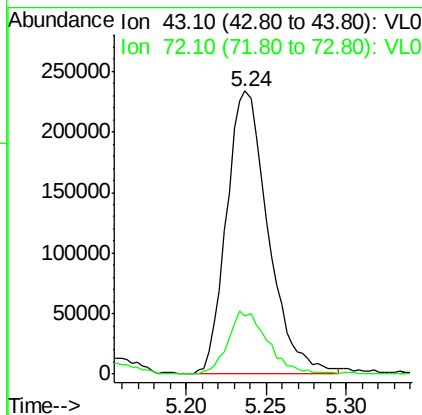
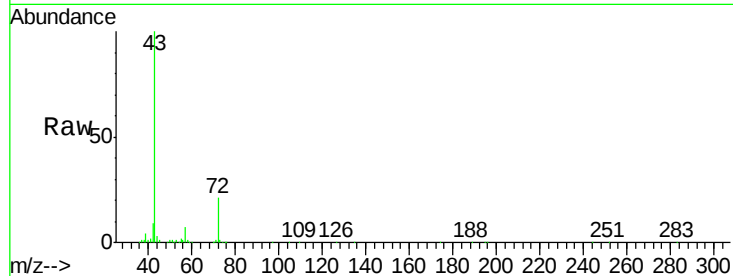
43 100

72 21.3 18.3 27.5

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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: VL035134.D

Acq: 30 Jun 2020 20:53

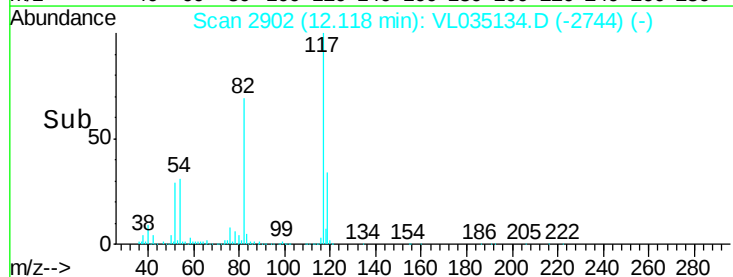
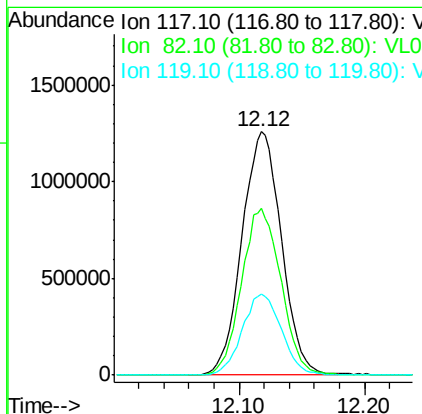
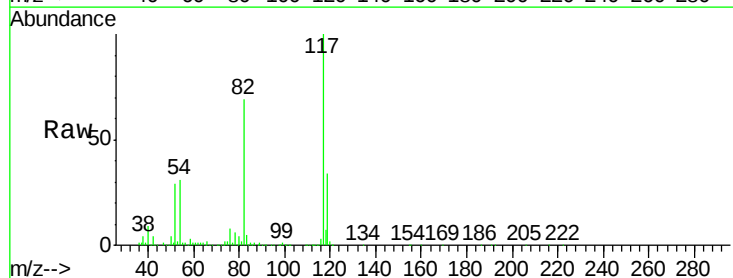
Tgt Ion: 117 Resp: 2752409

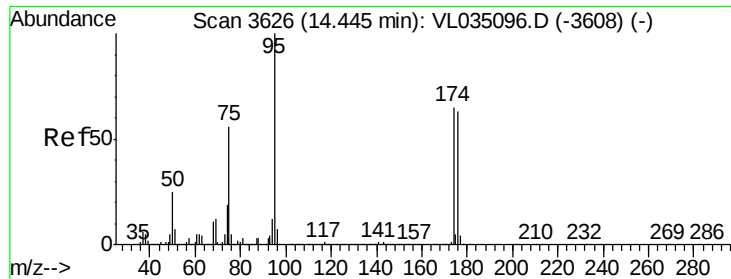
Ion Ratio Lower Upper

117 100

82 68.7 50.4 75.6

119 33.2 25.4 38.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.155 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.01 min
 Lab File: VL035134.D
 Acq: 30 Jun 2020 20:53

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.3	52.2	78.2
175	5.0	4.0	6.0

Manual Integrations
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