

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035245.D
 Acq On : 29 Jul 2020 14:14
 Operator : SY/AP
 Sample : L3474-01DLUP 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1-VOADUP

Manual Integrations
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Quant Time: Jul 30 11:10:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1353509	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3161548	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2976138	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2377649	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	25183m	0.482	ppbv	
13) Ethanol	3.58	45	1181667	55.592	ppbv	94
15) Acetone	3.81	43	4218933	23.368	ppbv	97
19) Isopropyl Alcohol	3.95	45	11536643	96.889	ppbv #	97
20) Methylene Chloride	4.32	84	666187	8.106	ppbv	95
26) Hexane	5.68	57	970005	7.626	ppbv #	42
28) Methyl tert-Butyl Ether	5.01	73	42927m	0.236	ppbv	
29) Chloroform	5.74	83	701457	3.288	ppbv	98
53) Toluene	9.83	91	70096m	0.300	ppbv	

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

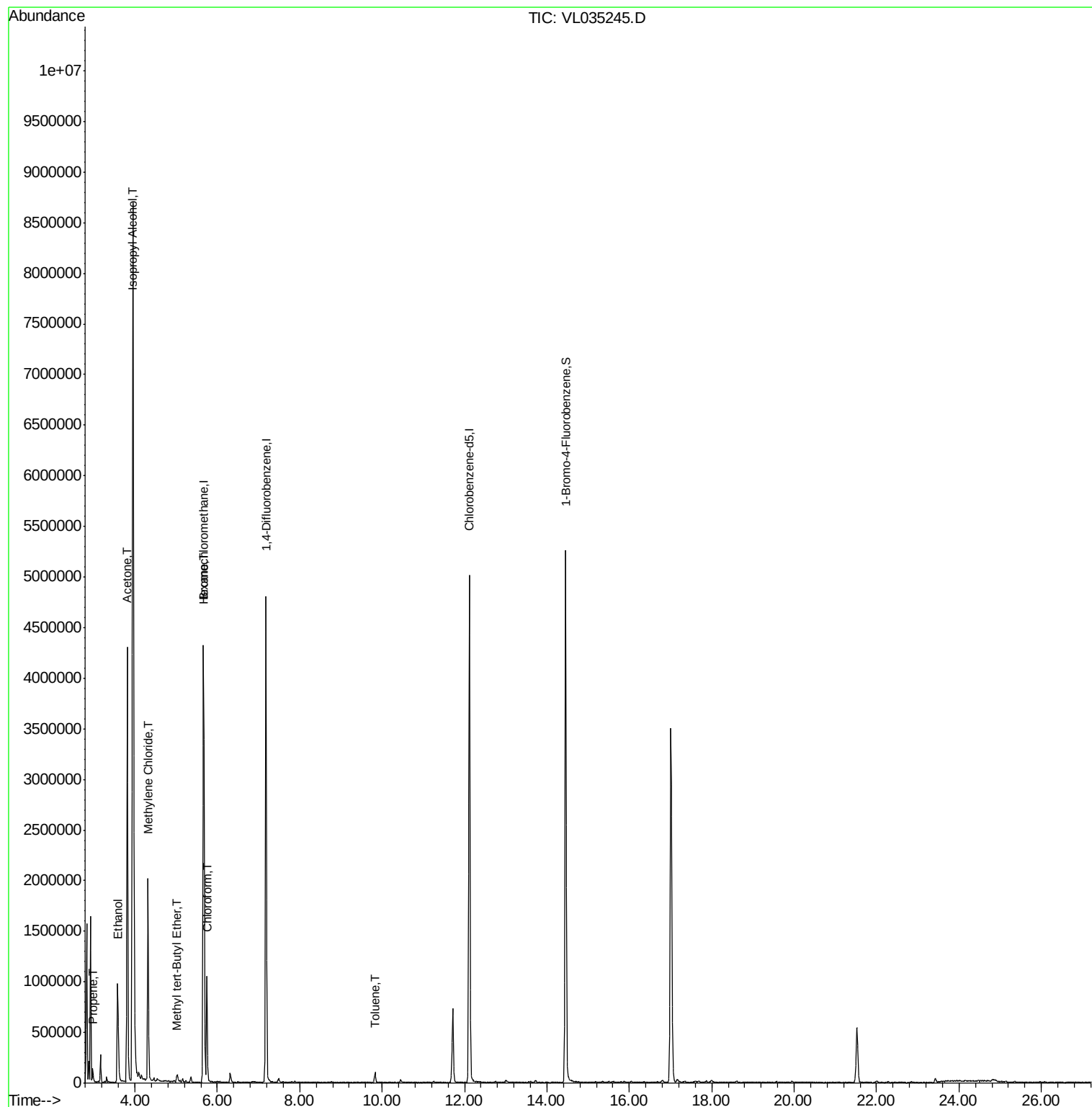
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072920\
Data File : VL035245.D
Acq On : 29 Jul 2020 14:14
Operator : SY/AP
Sample : L3474-01DLUP 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

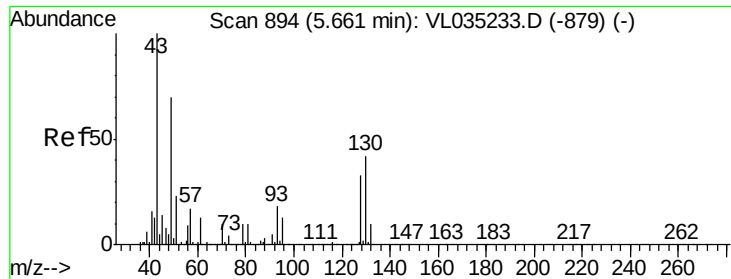
Instrument :
MSVOA_L
ClientSampleId :
1-VOADUP

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Quant Time: Jul 30 11:10:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL035245.D

Acq: 29 Jul 2020 14:14

Instrument :

MSVOA_L

ClientSampled :

1-VOADUP

Tot Ion: 49 Resp: 1353509

Ion Ratio Lower Upper

49 100

128 48.6 24.0 72.0

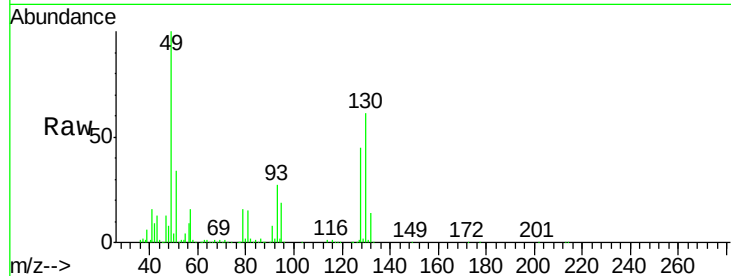
130 63.3 30.7 92.1

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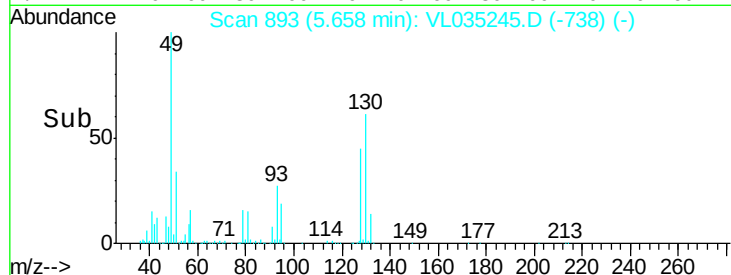


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

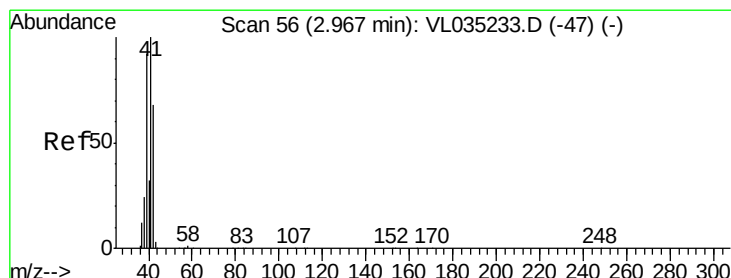
Ion 130.00 (129.70 to 130.70): VL0

Time-->



5.66

Time-->



#9

Propene

Concen: 0.482 ppbv m

RT: 2.98 min Scan# 60

Delta R.T. 0.01 min

Lab File: VL035245.D

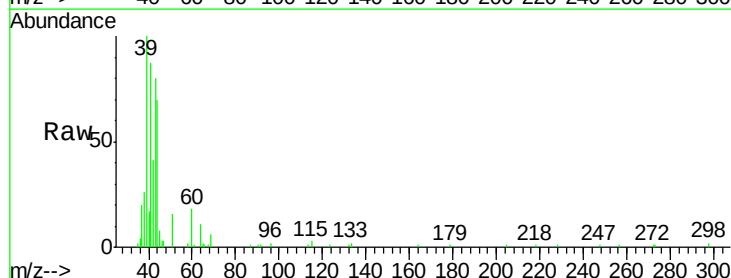
Acq: 29 Jul 2020 14:14

Tgt Ion: 41 Resp: 25183

Ion Ratio Lower Upper

41 100

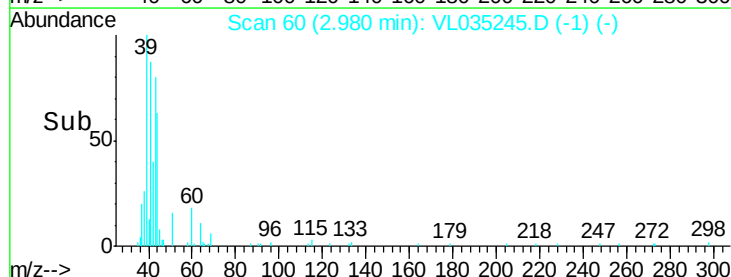
42 172.6 55.0 82.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

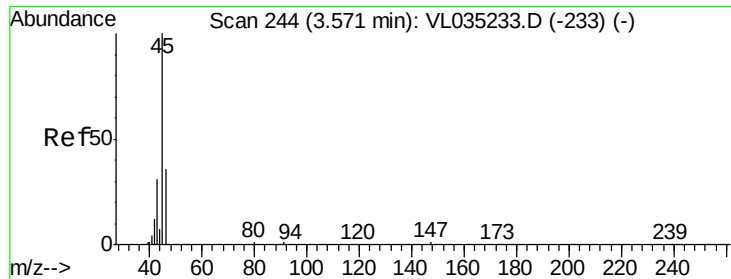
Ion 42.10 (41.80 to 42.80): VL0

Time-->



2.98

Time-->



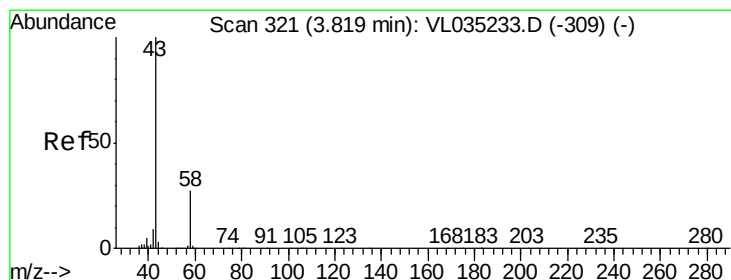
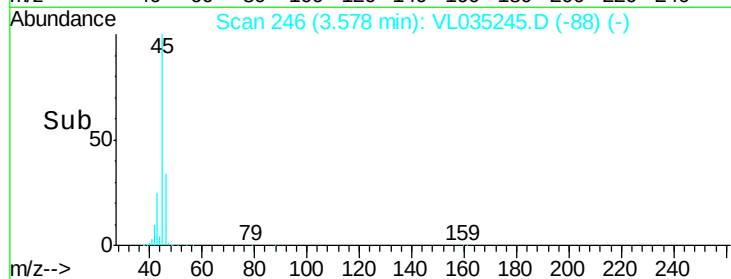
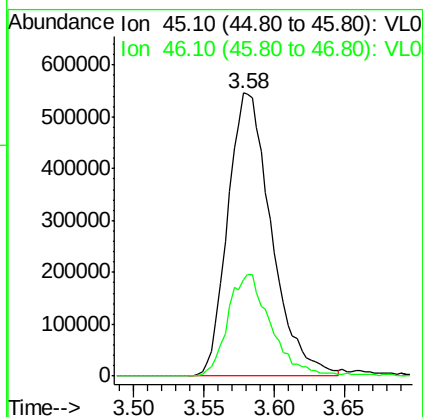
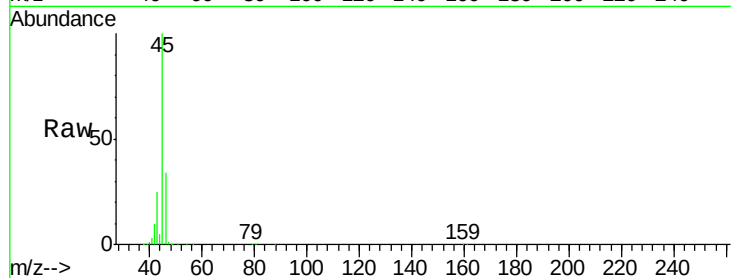
#13
Ethanol
Concen: 55.592 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL035245.D
Acq: 29 Jul 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
1-VOADUP

Tot Ion: 45 Resp: 1181667
Ion Ratio Lower Upper
45 100
46 36.2 15.8 63.4

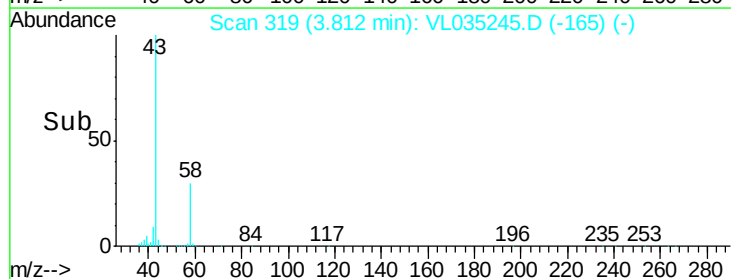
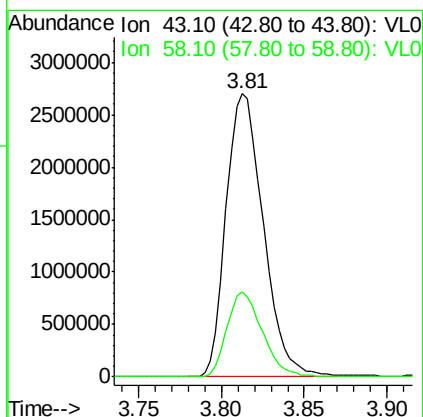
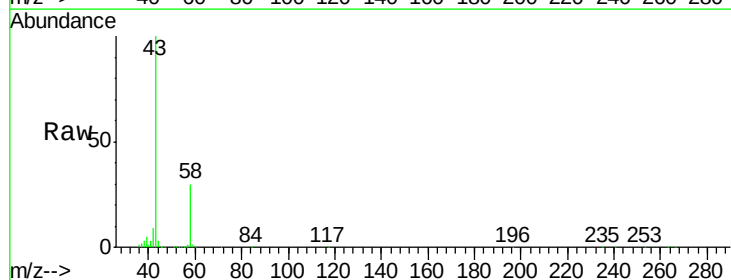
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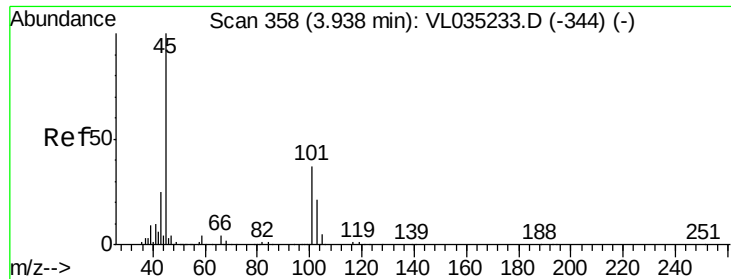
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#15
Acetone
Concen: 23.368 ppbv
RT: 3.81 min Scan# 319
Delta R.T. -0.01 min
Lab File: VL035245.D
Acq: 29 Jul 2020 14:14

Tgt Ion: 43 Resp: 4218933
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.6





#19

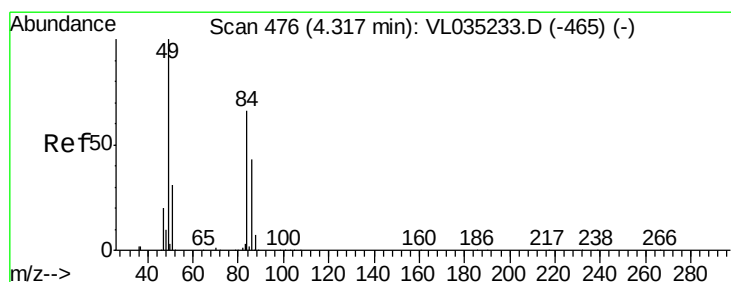
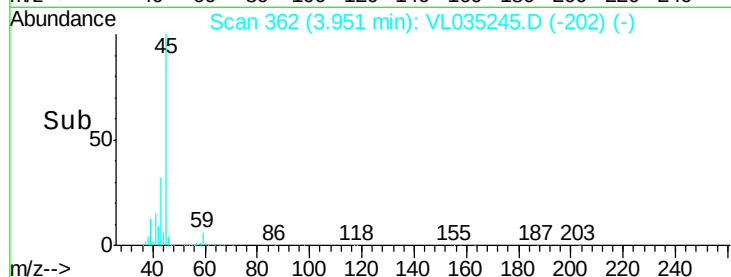
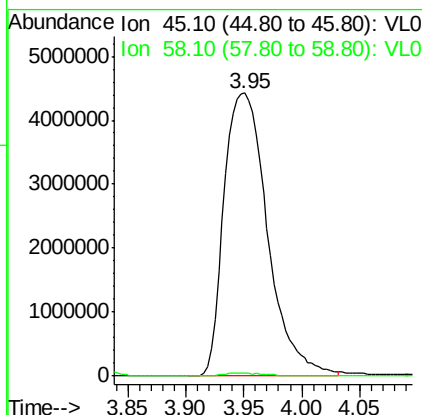
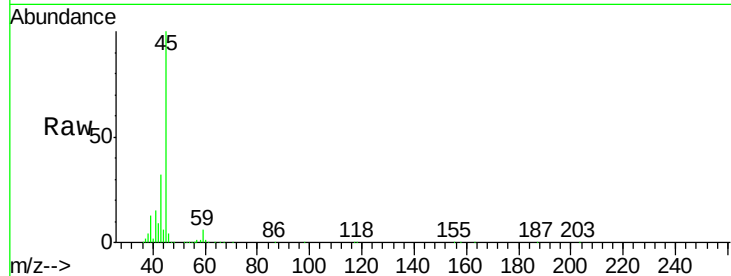
Isopropyl Alcohol
 Concen: 96.889 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. 0.01 min
 Lab File: VL035245.D
 Acq: 29 Jul 2020 14:14

Instrument :
 MSVOA_L
 ClientSampleId :
 1-VOADUP

Tot Ion: 45 Resp: 11536643
 Ion Ratio Lower Upper
 45 100
 58 1.3 1.9 2.9#

Manual Integrations
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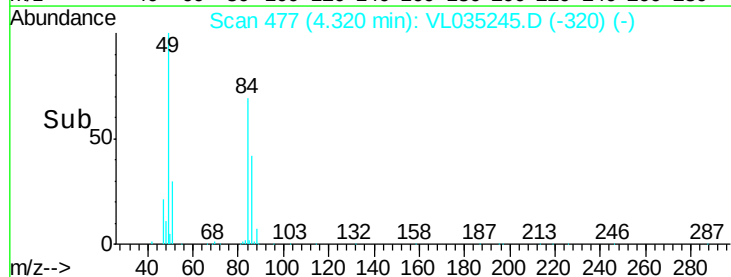
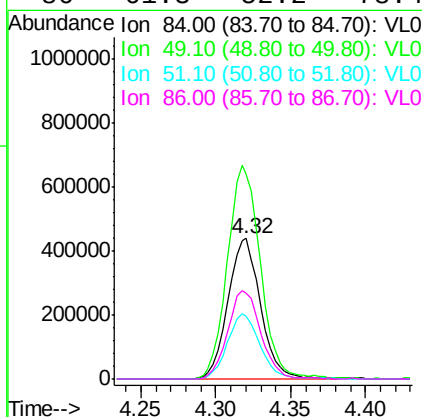
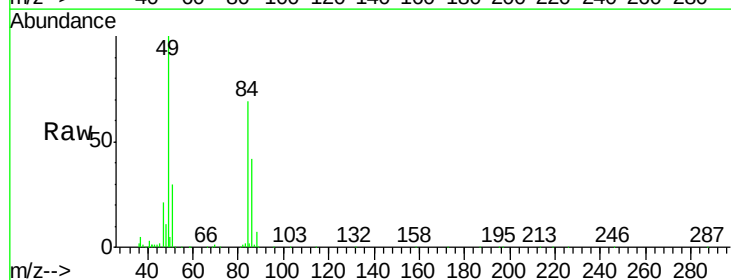
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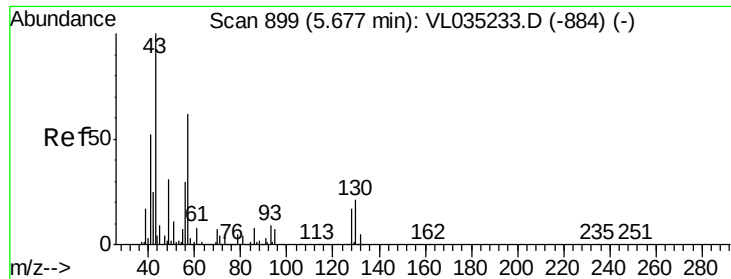


#20

Methylene Chloride
 Concen: 8.106 ppbv
 RT: 4.32 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: VL035245.D
 Acq: 29 Jul 2020 14:14

Tgt Ion: 84 Resp: 666187
 Ion Ratio Lower Upper
 84 100
 49 145.6 121.0 181.4
 51 44.2 37.7 56.5
 86 61.3 52.2 78.4





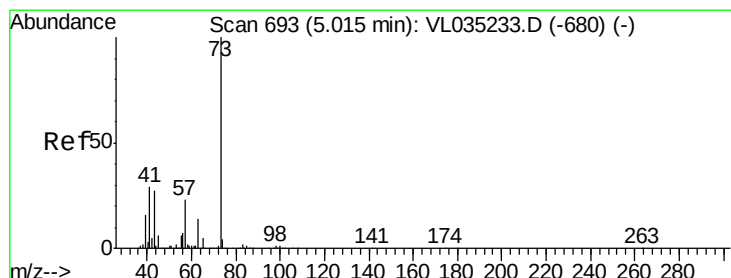
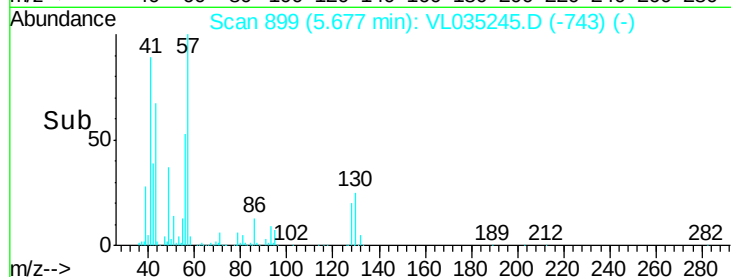
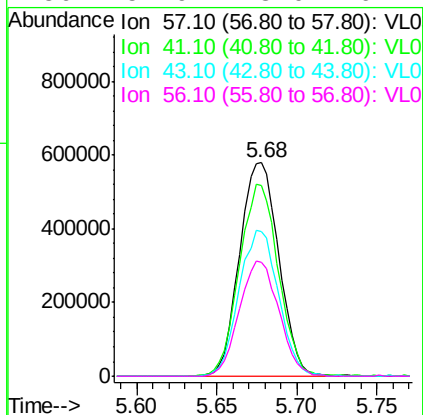
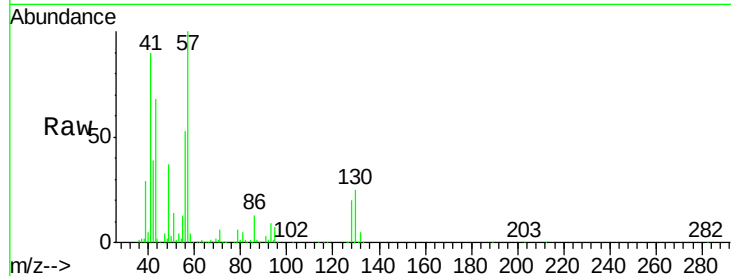
#26
Hexane
Concen: 7.626 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL035245.D
Acq: 29 Jul 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
1-VOADUP

Tot Ion	57	Resp	970005
Ion	Ratio	Lower	Upper
57	100		
41	90.5	73.9	110.9
43	68.9	177.6	266.4#
56	54.9	43.0	64.4

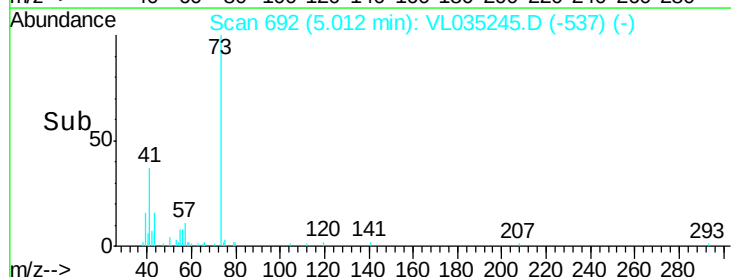
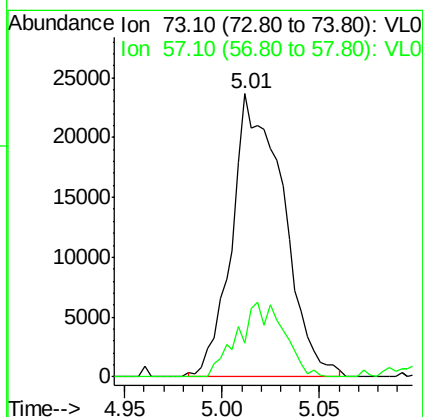
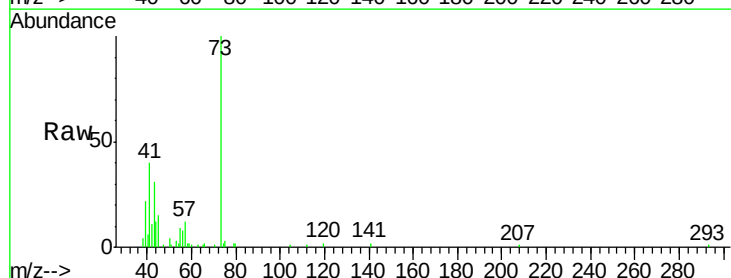
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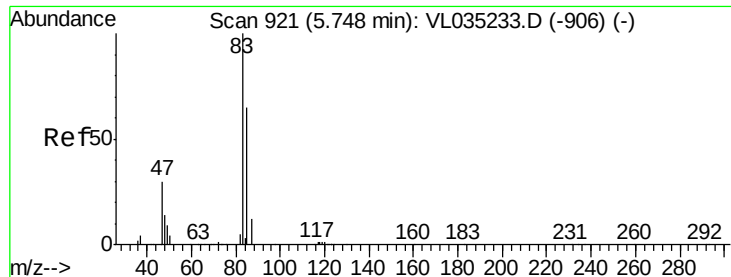
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#28
Methyl tert-Butyl Ether
Concen: 0.236 ppbv m
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL035245.D
Acq: 29 Jul 2020 14:14

Tgt Ion	73	Resp	42927
Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.2	27.4#





#29

Chloroform

Concen: 3.288 ppbv

RT: 5.74 min Scan# 920

Delta R.T. -0.00 min

Lab File: VL035245.D

Acq: 29 Jul 2020 14:14

Instrument :

MSVOA_L

ClientSampleId :

1-VOADUP

Tot Ion: 83 Resp: 701457

Ion Ratio Lower Upper

83 100

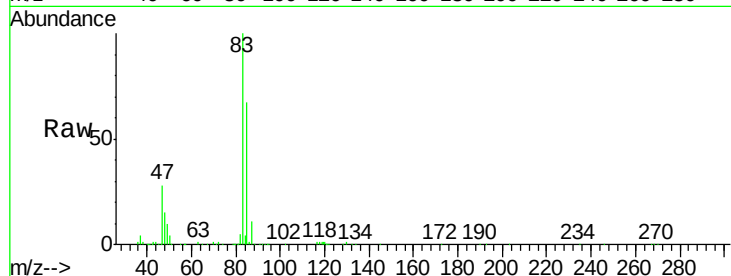
85 66.5 51.7 77.5

Manual Integrations

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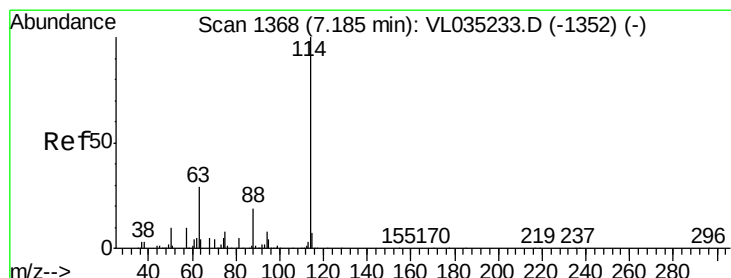
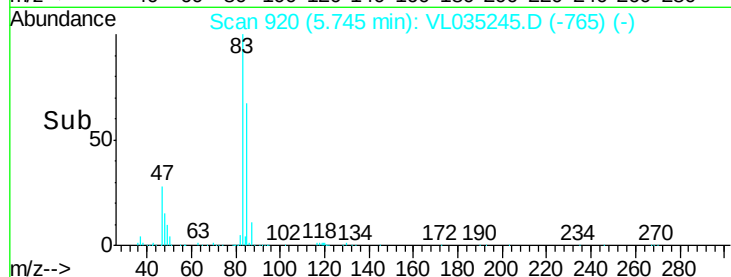
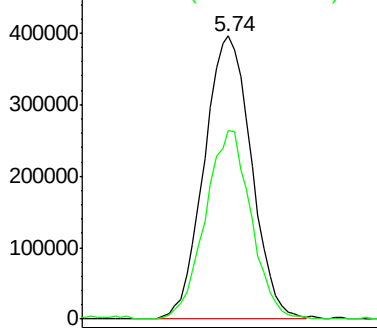
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Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VL035245.D

Acq: 29 Jul 2020 14:14

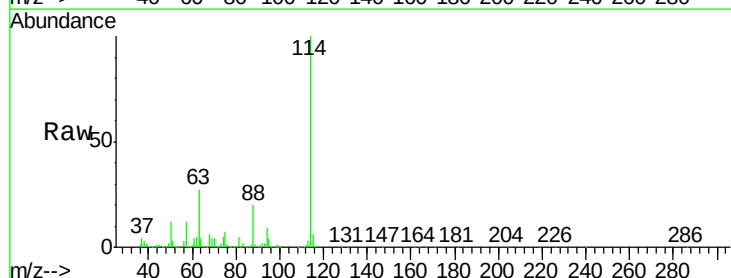
Tgt Ion: 114 Resp: 3161548

Ion Ratio Lower Upper

114 100

63 27.2 22.2 33.2

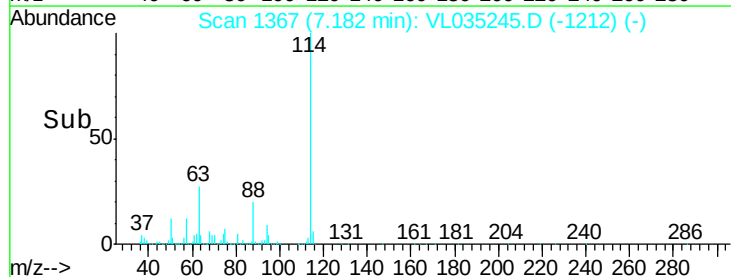
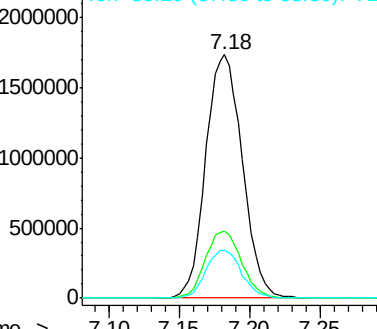
88 19.3 15.4 23.0

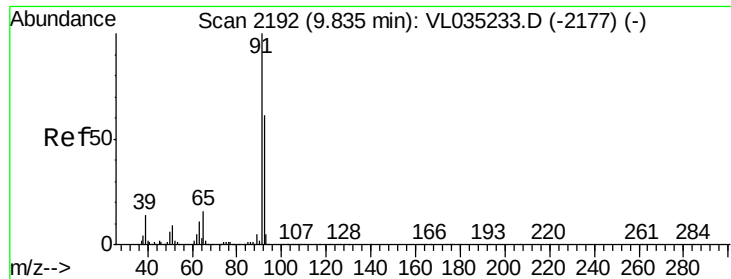


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#53

Toluene

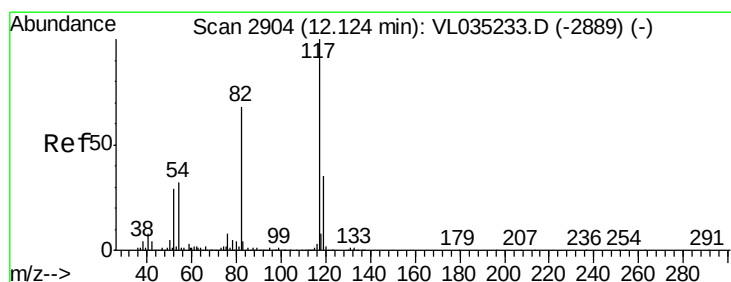
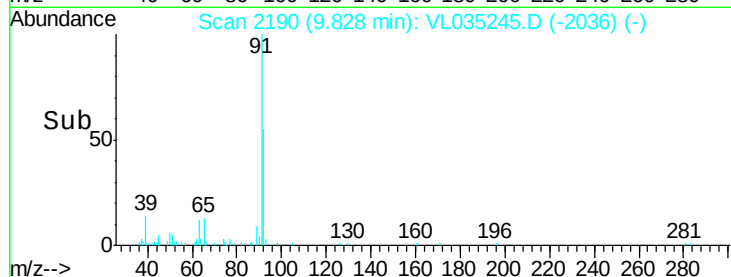
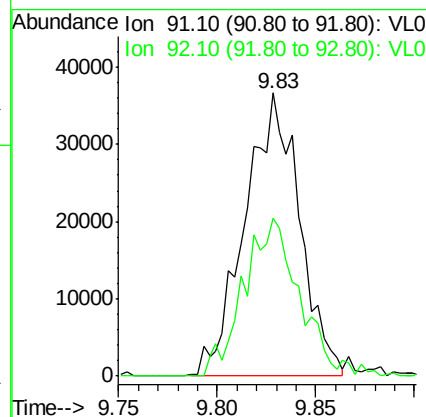
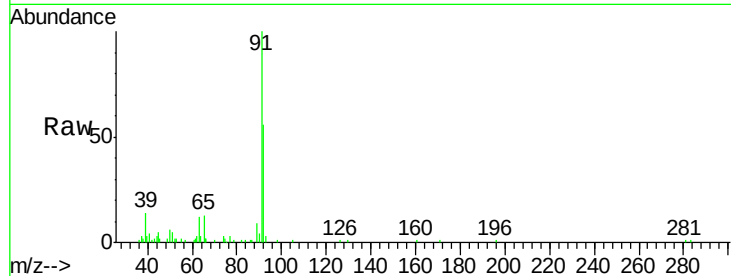
Concen: 0.300 ppbv m
RT: 9.83 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VL035245.D
Acq: 29 Jul 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
1-VOADUP

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.5	48.5	72.7

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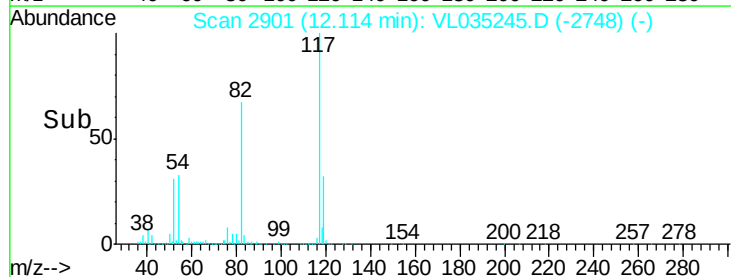
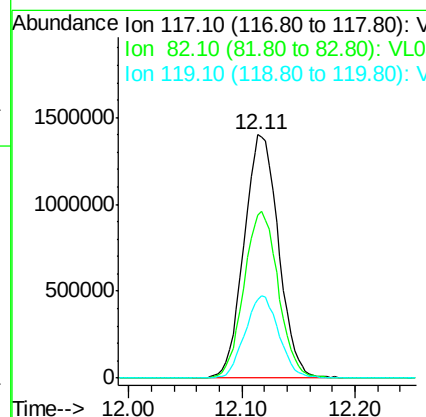
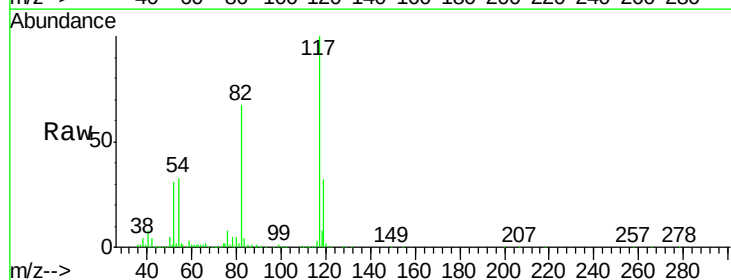


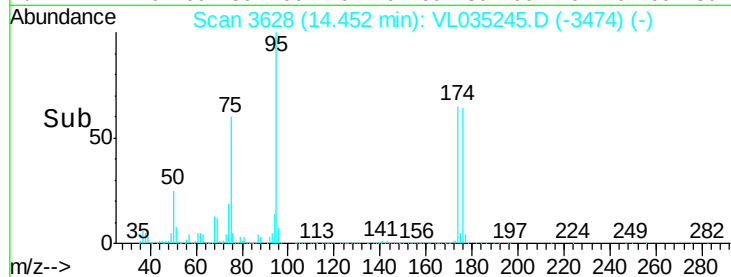
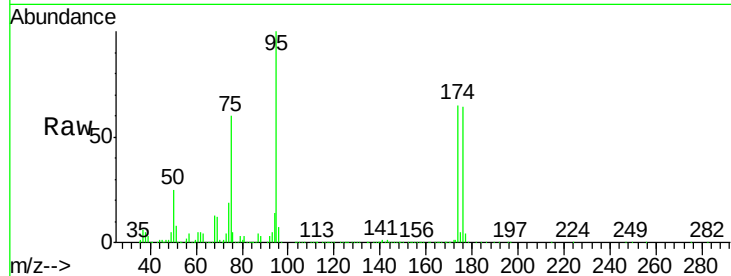
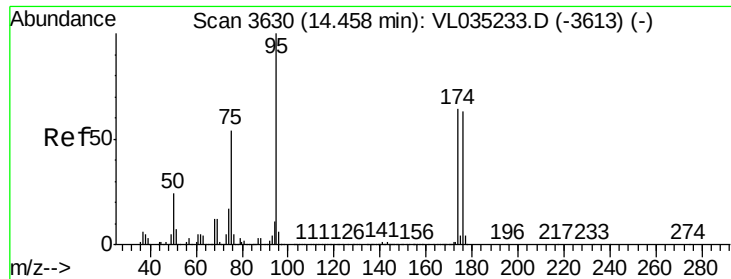
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.01 min
Lab File: VL035245.D
Acq: 29 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.4	52.4	78.6
119	33.1	24.6	36.8





#68

1-Bromo-4-Fluorobenzene

Concen: 9.998 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. -0.01 min

Lab File: VL035245.D

Acq: 29 Jul 2020 14:14

Tot Ion: 95 Resp: 2377649

Ion Ratio Lower Upper

95 100

174 65.5 52.7 79.1

175 4.7 3.9 5.9

Instrument :

MSVOA_L

ClientSampleId :

1-VOADUP

Manual Integrations

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