

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035933.D
 Acq On : 13 Nov 2020 3:53
 Operator : SY/AP
 Sample : L4721-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LA-5DL

Manual Integrations
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 11/16/2020 2:31:34 PM

Quant Time: Nov 13 05:17:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1099530	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3809029	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3541383	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2589852	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	10975	0.228	ppbv	96
13) Ethanol	3.60	45	2264769	216.614	ppbv	94
15) Acetone	3.85	43	178002	1.514	ppbv	94
17) tert-Butyl alcohol	4.31	59	15883m	0.102	ppbv	
19) Isopropyl Alcohol	3.97	45	737978	10.216	ppbv #	98
20) Methylene Chloride	4.34	84	76043	0.919	ppbv	97
26) Hexane	5.68	57	49092	0.384	ppbv #	46
53) Toluene	9.81	91	48515m	0.142	ppbv	

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

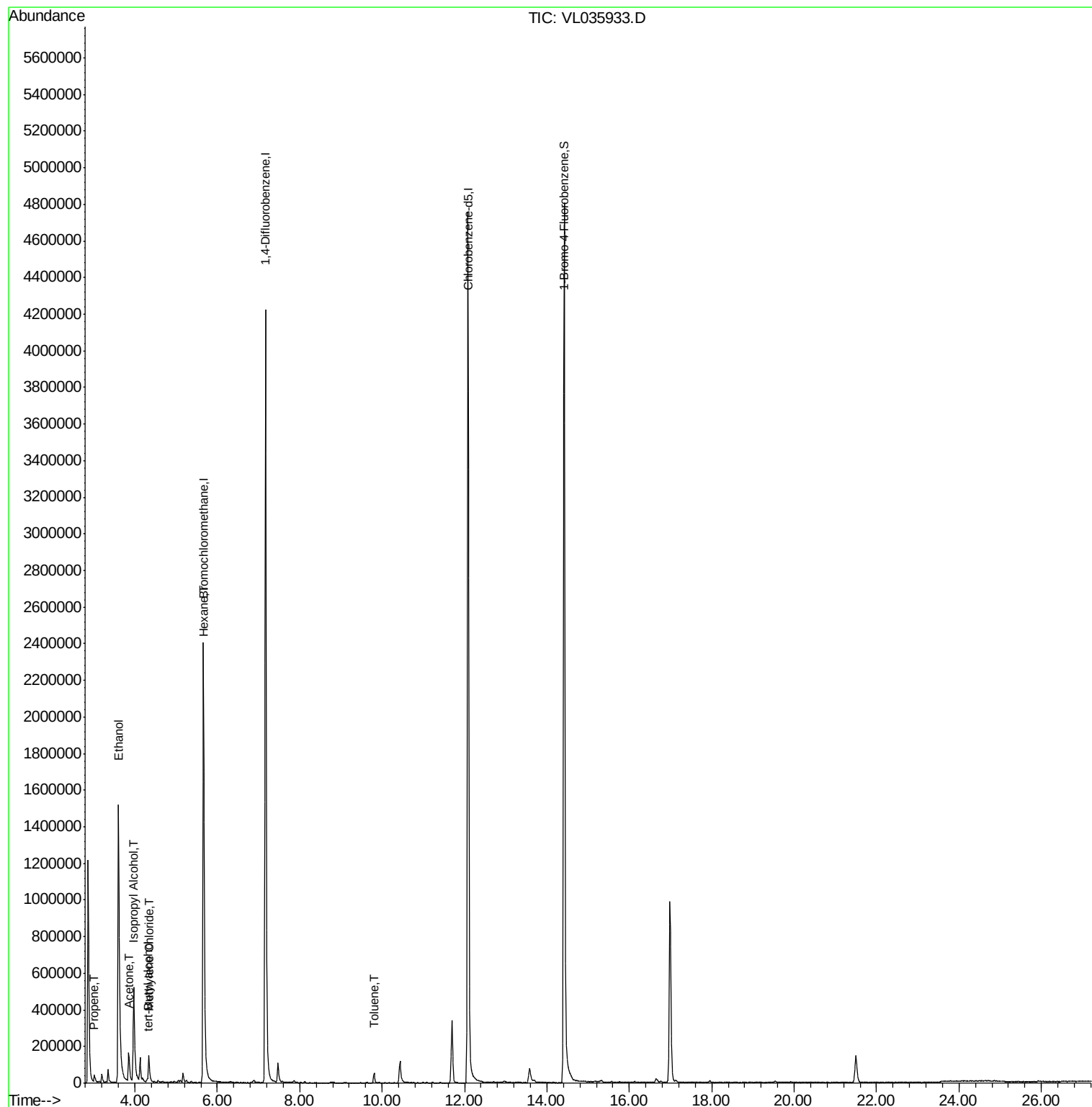
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111220\
Data File : VL035933.D
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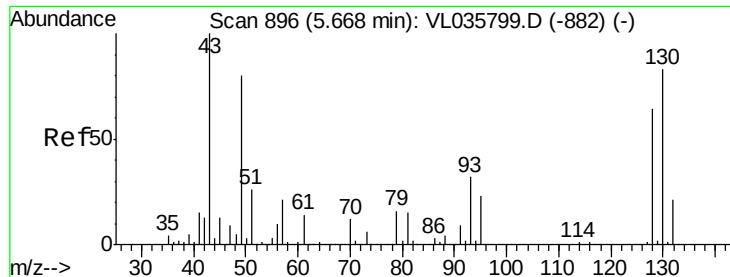
Instrument :
MSVOA_L
ClientSampleId :
LA-5DL

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Quant Time: Nov 13 05:17:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 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: VL035933.D

Acq: 13 Nov 2020 3:53

Instrument :

MSVOA_L

ClientSampled :

LA-5DL

Tot Ion: 49 Resp: 1099530

Ion Ratio Lower Upper

49 100

128 76.4 41.5 124.6

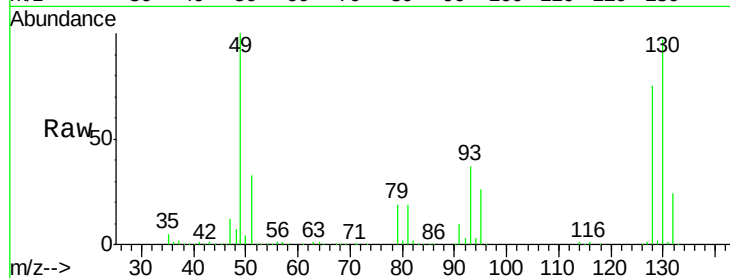
130 98.8 53.7 161.1

Manual Integrations

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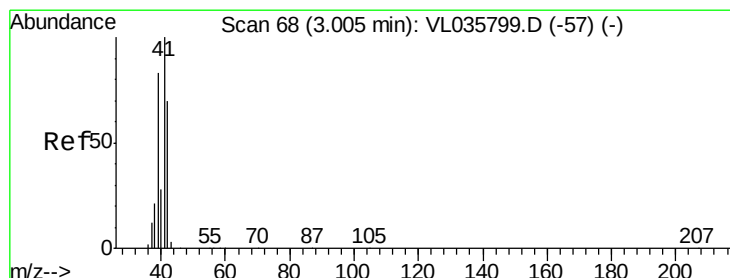
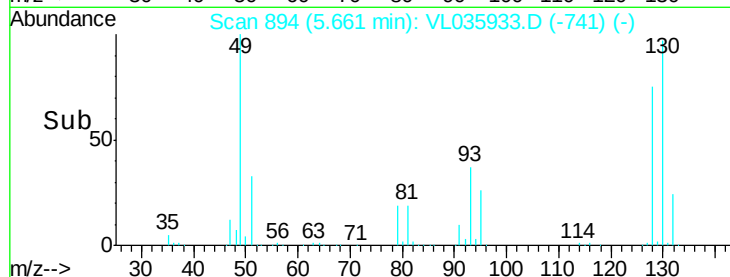
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#9

Propene

Concen: 0.228 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL035933.D

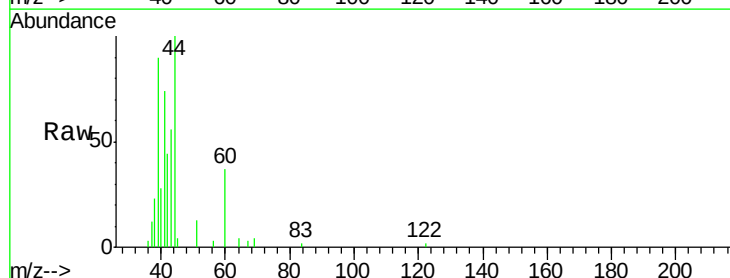
Acq: 13 Nov 2020 3:53

Tgt Ion: 41 Resp: 10975

Ion Ratio Lower Upper

41 100

42 67.4 56.2 84.4

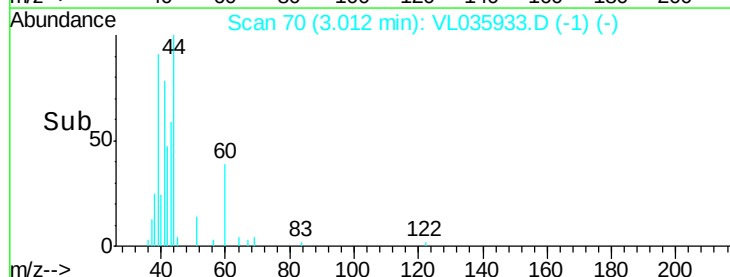


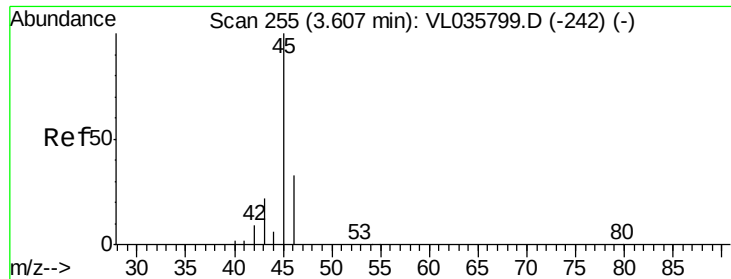
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.01

Time-->





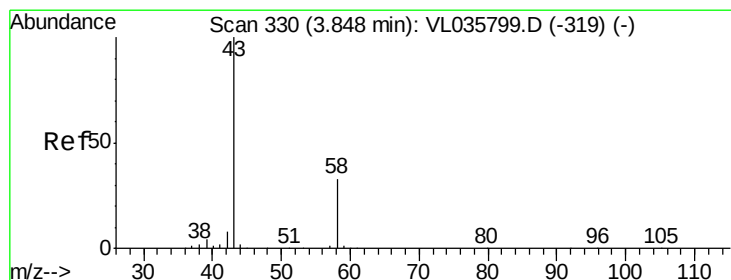
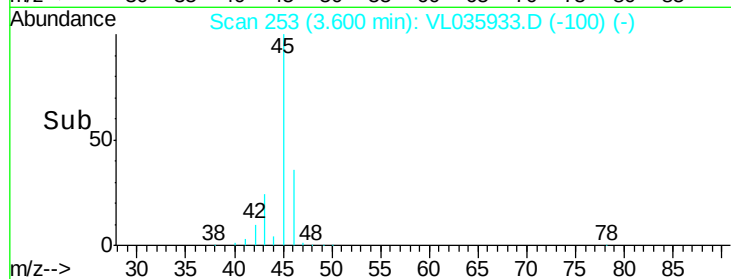
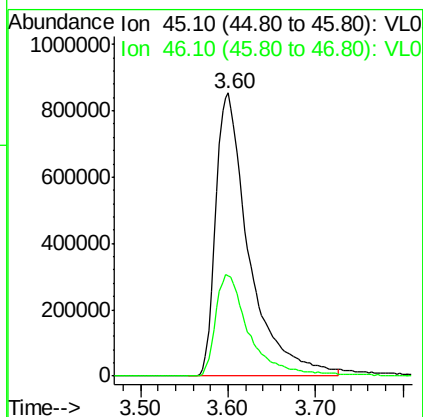
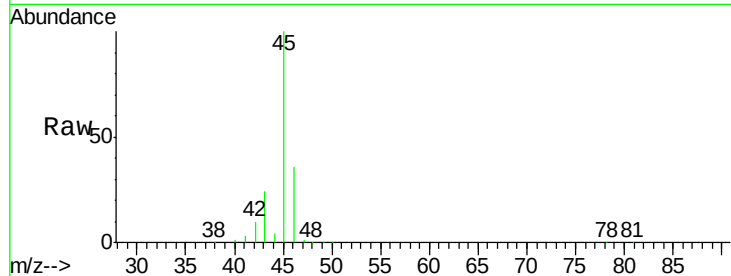
#13
Ethanol
Concen: 216.614 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument :
MSVOA_L
ClientSampled :
LA-5DL

Tot Ion: 45 Resp: 2264769
Ion Ratio Lower Upper
45 100
46 36.7 16.1 64.5

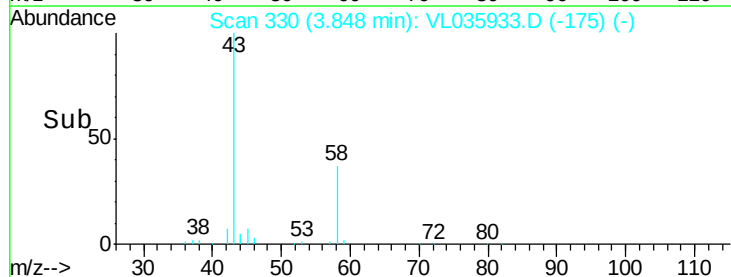
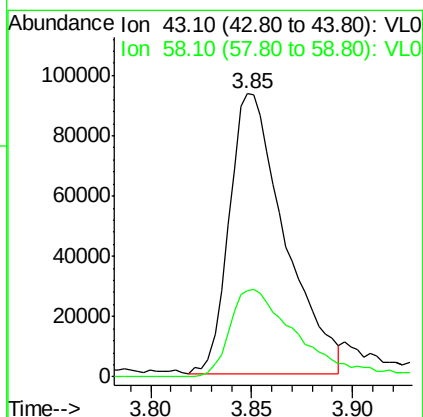
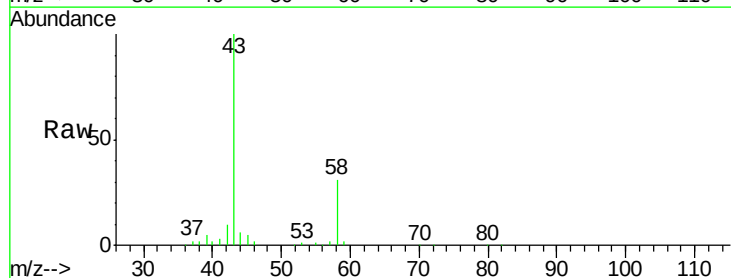
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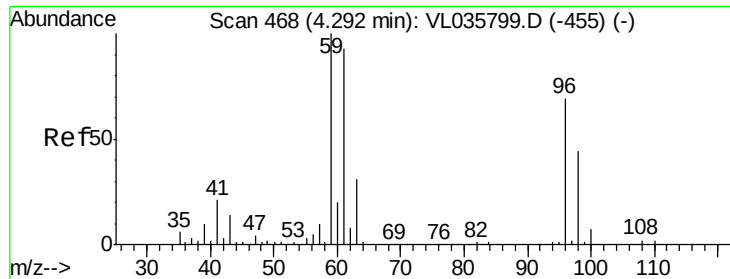
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#15
Acetone
Concen: 1.514 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion: 43 Resp: 178002
Ion Ratio Lower Upper
43 100
58 37.9 27.5 41.3





#17

tert-Butyl alcohol

Concen: 0.102 ppbv m

RT: 4.31 min Scan# 473

Delta R.T. 0.02 min

Lab File: VL035933.D

Acq: 13 Nov 2020 3:53

Instrument :

MSVOA_L

ClientSampled :

LA-5DL

Tot Ion: 59 Resp: 15883

Ion Ratio Lower Upper

59 100

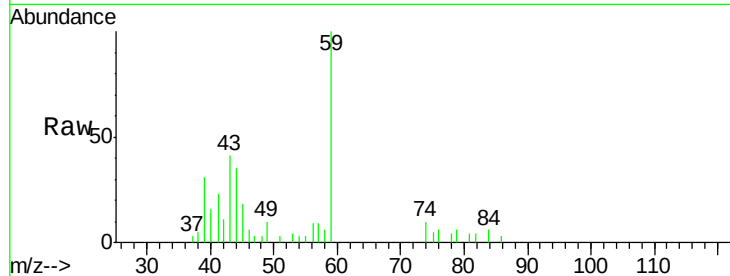
57 0.0 8.2 12.4#

Manual Integrations

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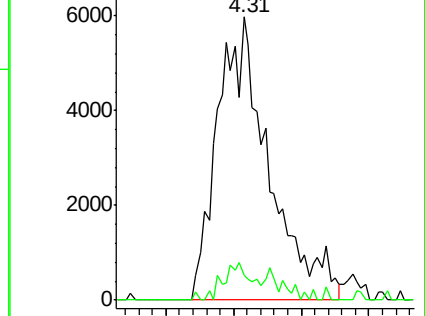
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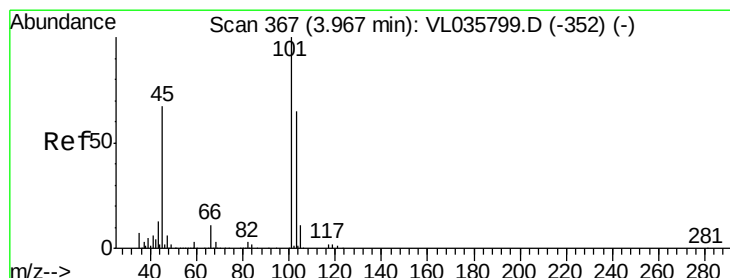
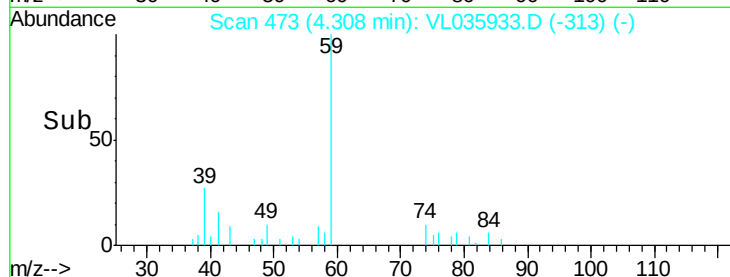


Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



Time-->



#19

Isopropyl Alcohol

Concen: 10.216 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.00 min

Lab File: VL035933.D

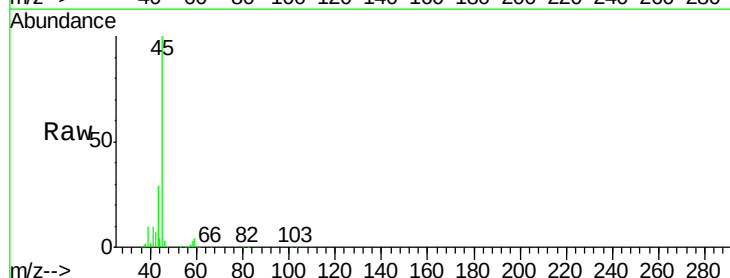
Acq: 13 Nov 2020 3:53

Tgt Ion: 45 Resp: 737978

Ion Ratio Lower Upper

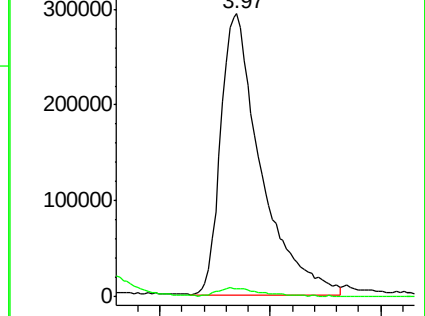
45 100

58 3.9 2.6 3.8#

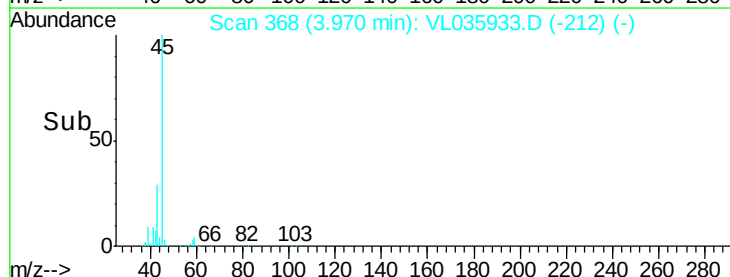


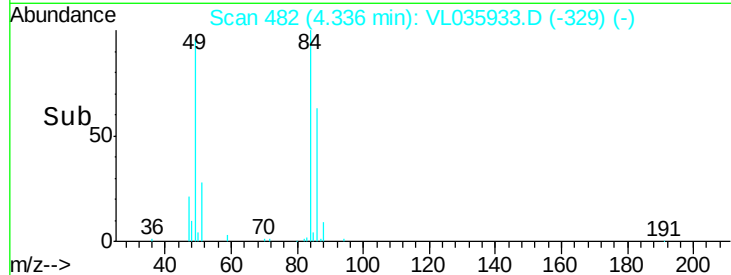
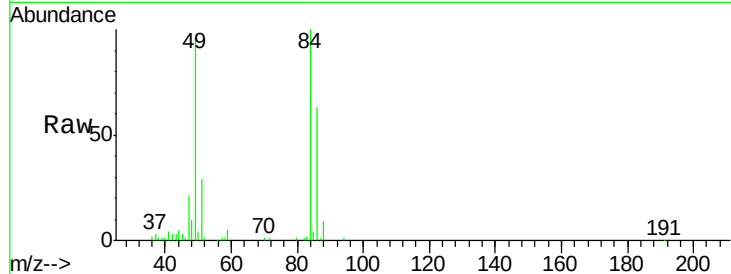
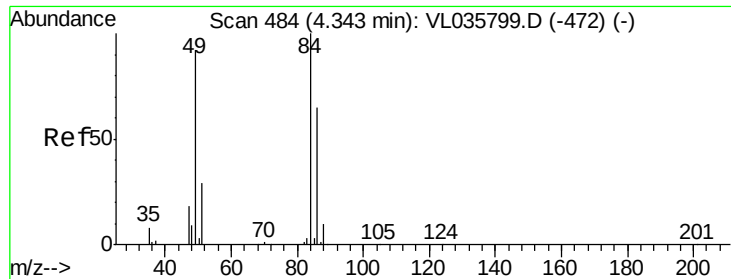
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



Time-->





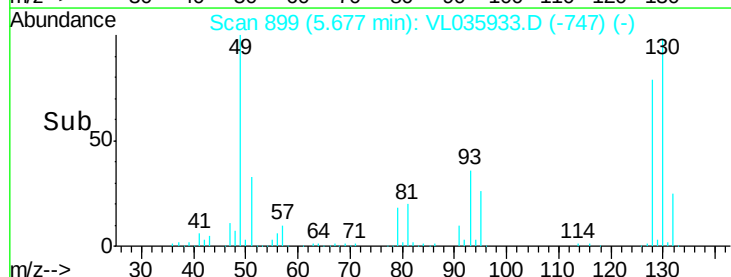
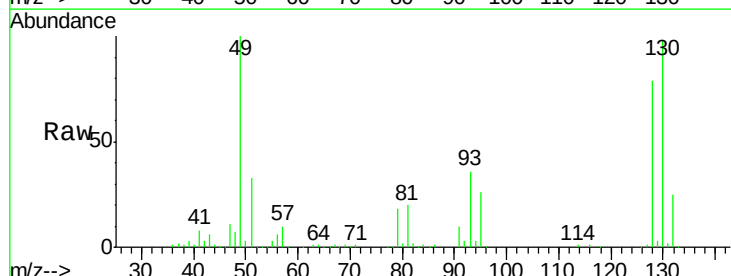
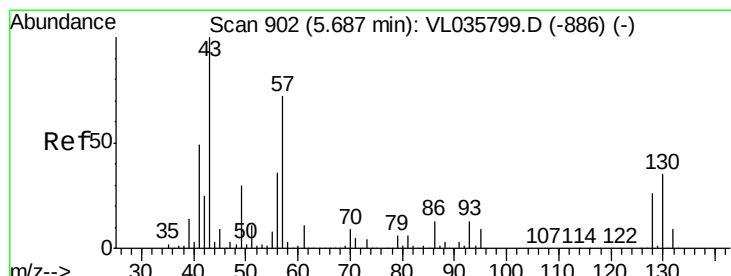
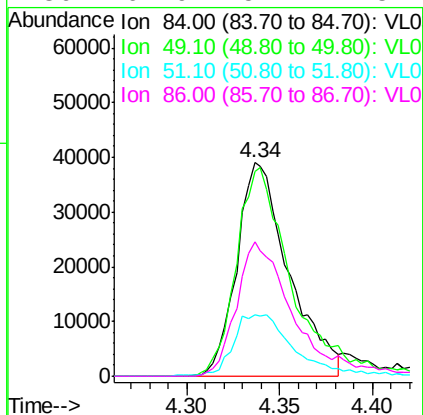
#20
Methvlene Chloride
Concen: 0.919 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tot Ion:	84	Resp:	76043
Ion	Ratio	Lower	Upper
84	100		
49	96.2	73.8	110.8
51	28.3	23.0	34.4
86	62.9	52.1	78.1

Instrument :
MSVOA_L
ClientSampleId :
LA-5DL

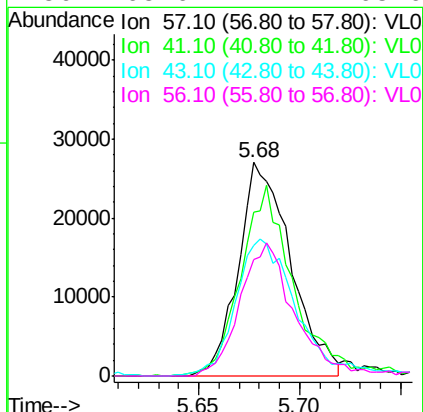
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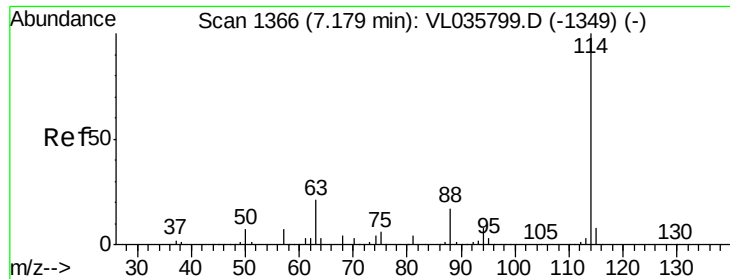
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#26
Hexane
Concen: 0.384 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion:	57	Resp:	49092
Ion	Ratio	Lower	Upper
57	100		
41	93.1	58.9	88.3#
43	75.4	150.2	225.2#
56	65.6	42.4	63.6#





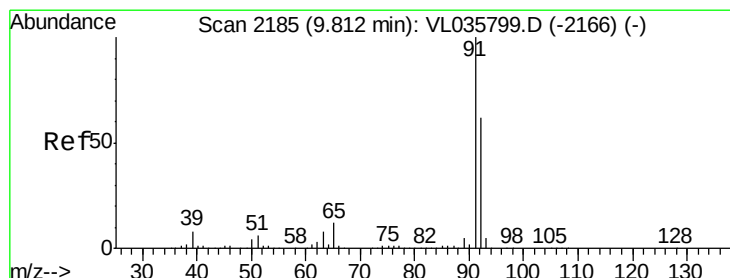
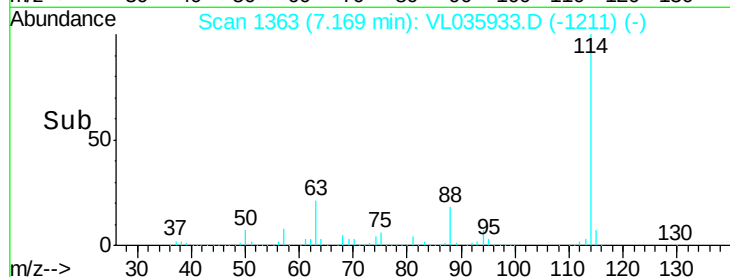
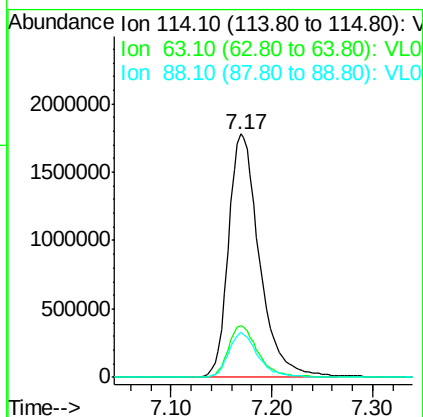
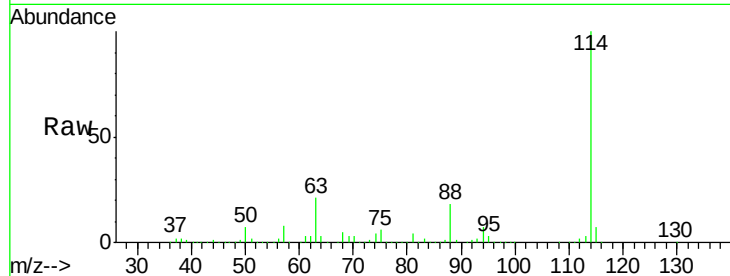
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL035933.D
 Acq: 13 Nov 2020 3:53

Instrument :
 MSVOA_L
 ClientSampleId :
 LA-5DL

Tot Ion:114 Resp: 3809029
 Ion Ratio Lower Upper
 114 100
 63 20.8 16.1 24.1
 88 17.6 13.7 20.5

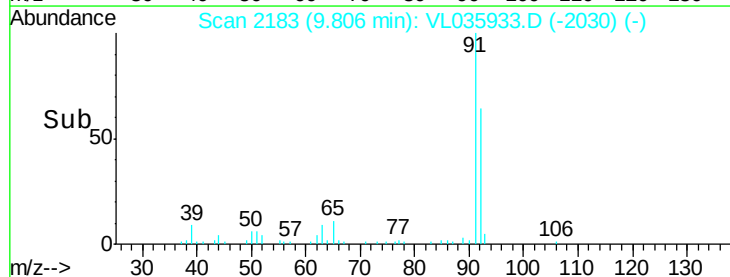
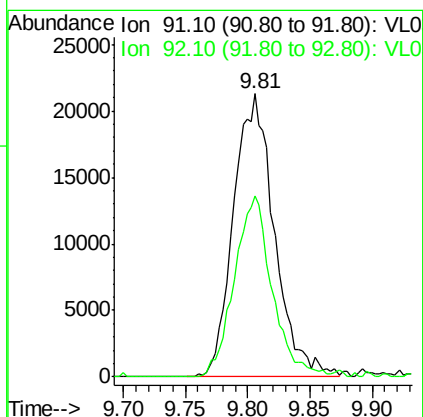
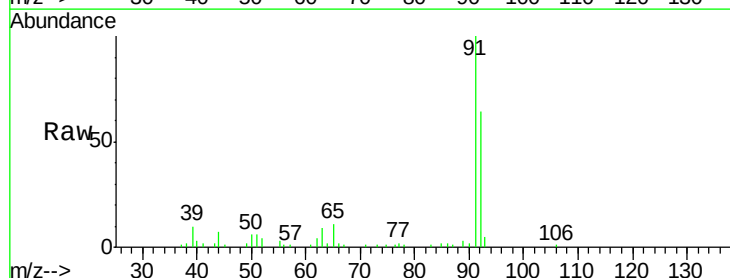
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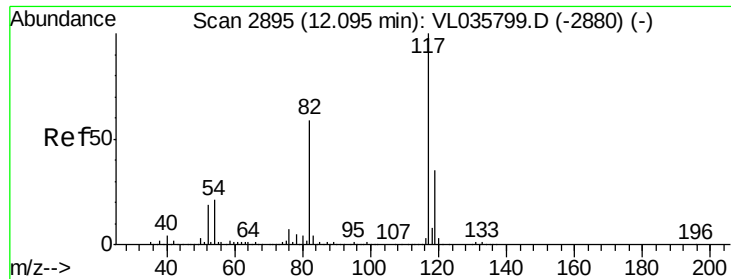
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#53
 Toluene
 Concen: 0.142 ppbv m
 RT: 9.81 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: VL035933.D
 Acq: 13 Nov 2020 3:53

Tgt Ion: 91 Resp: 48515
 Ion Ratio Lower Upper
 91 100
 92 0.0 49.8 74.6#





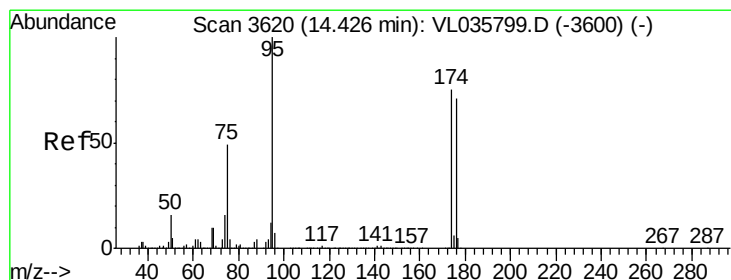
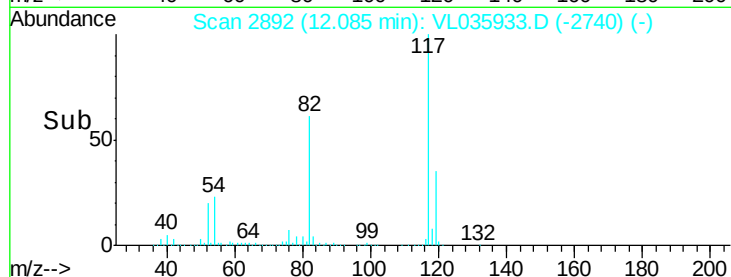
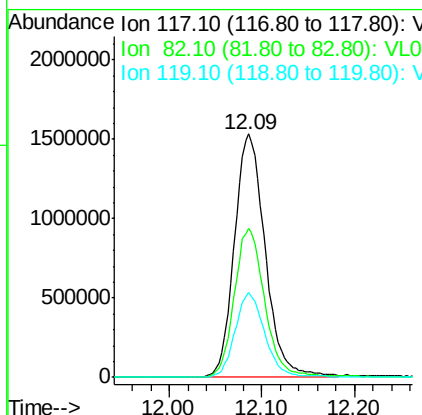
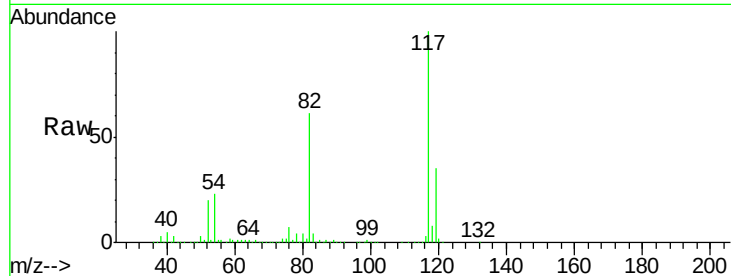
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument :
MSVOA_L
ClientSampleId :
LA-5DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	50.6	76.0
119	34.1	52.6	78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.293 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.3	59.8	89.6
175	5.1	4.3	6.5

