

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035815.D
 Acq On : 3 Nov 2020 22:40
 Operator : SY/AP
 Sample : L4604-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
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Quant Time: Nov 04 05:48:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.64	49	1190333	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	5248158	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4806502	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3370807	9.87	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	7308m	0.140	ppbv	
13) Ethanol	3.60	45	12011	1.061	ppbv	97
15) Acetone	3.84	43	42493	0.334	ppbv #	57
20) Methylene Chloride	4.32	84	75709	0.845	ppbv	92
26) Hexane	5.66	57	59305	0.429	ppbv #	46

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

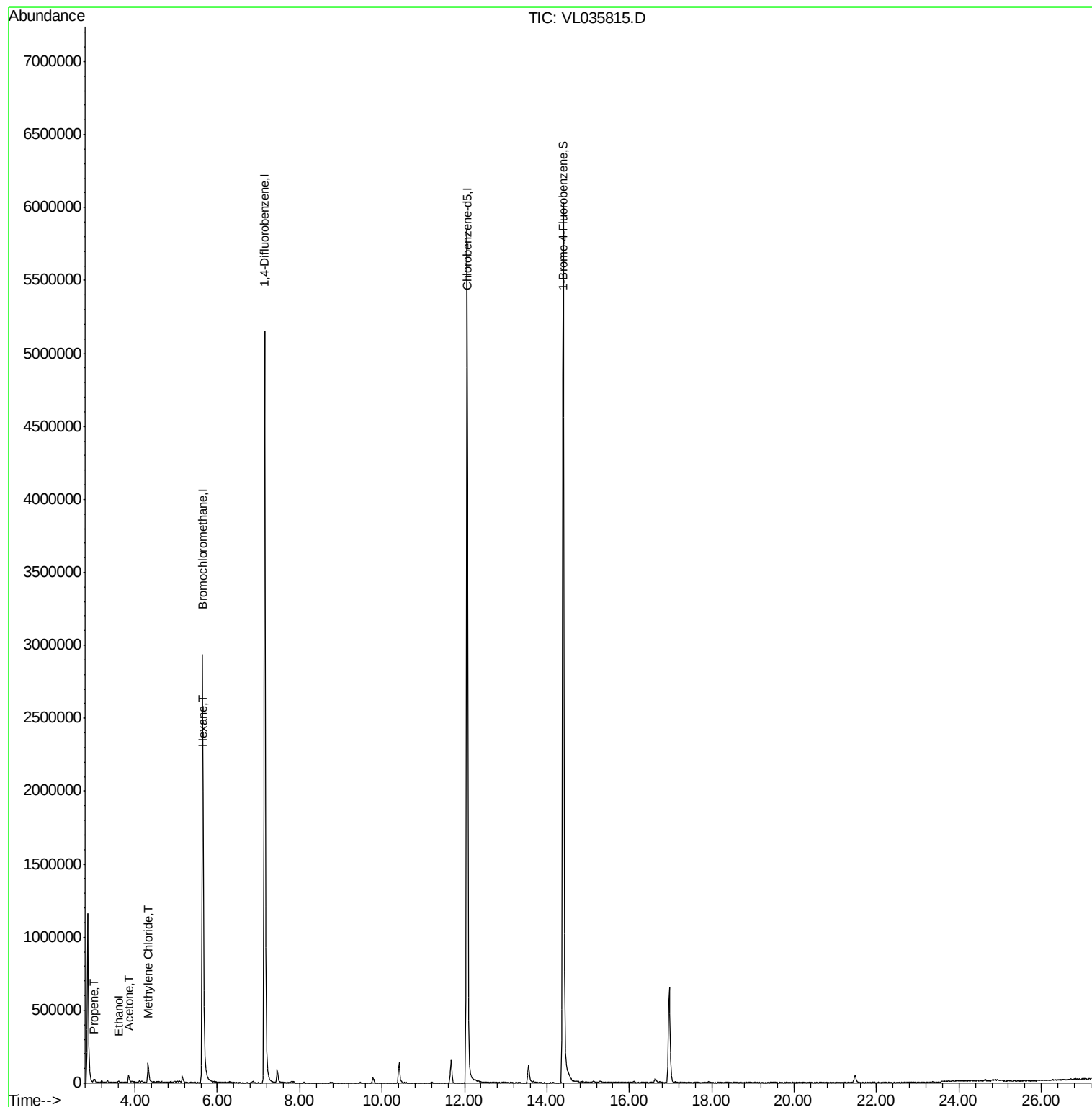
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
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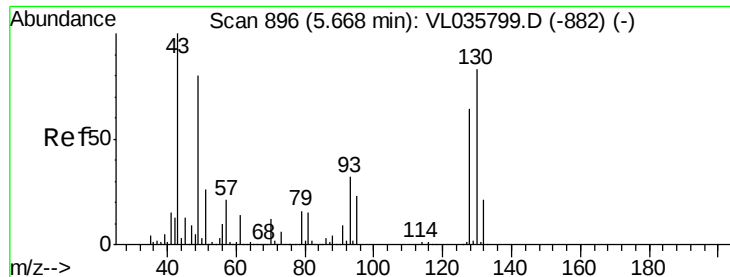
Instrument :
MSVOA_L
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Quant Time: Nov 04 05:48:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL035815.D

Acq: 3 Nov 2020 22:40

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tot Ion: 49 Resp: 1190333

Ion Ratio Lower Upper

49 100

128 94.0 41.5 124.6

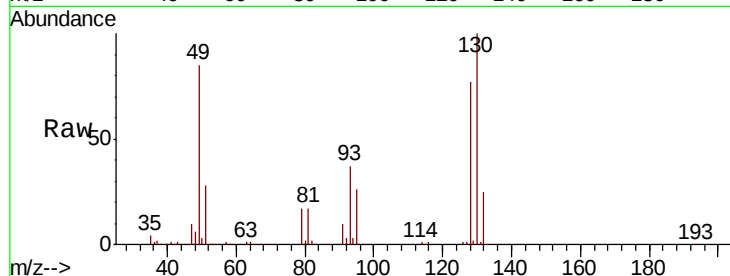
130 120.7 53.7 161.1

Manual Integrations

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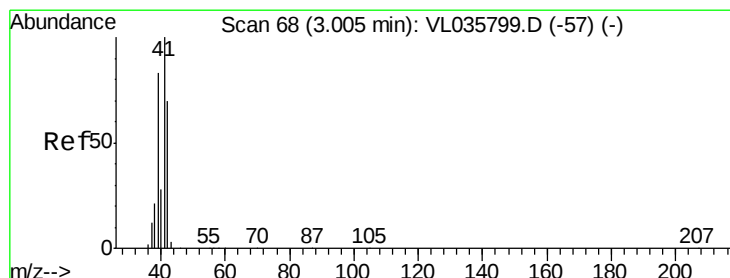
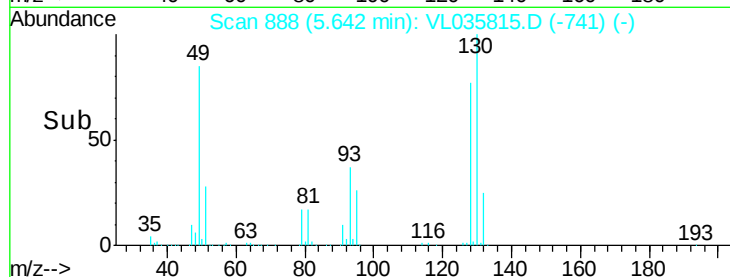
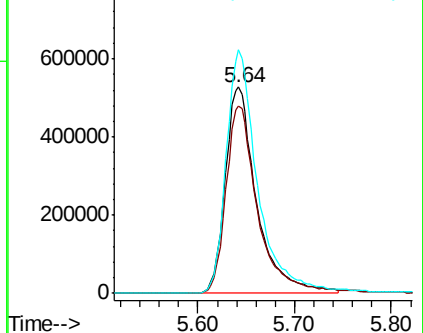
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.140 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL035815.D

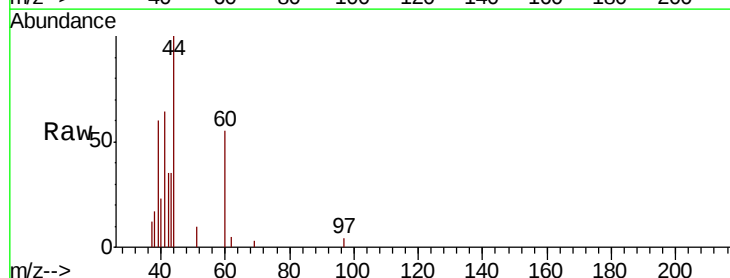
Acq: 3 Nov 2020 22:40

Tgt Ion: 41 Resp: 7308

Ion Ratio Lower Upper

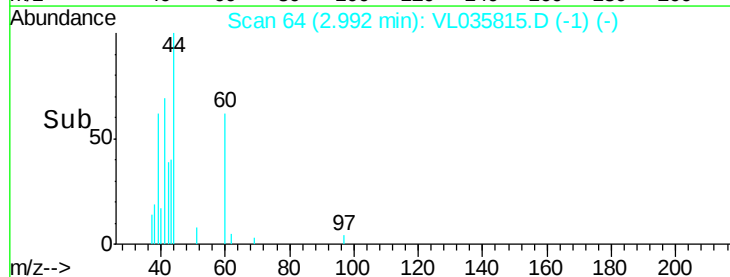
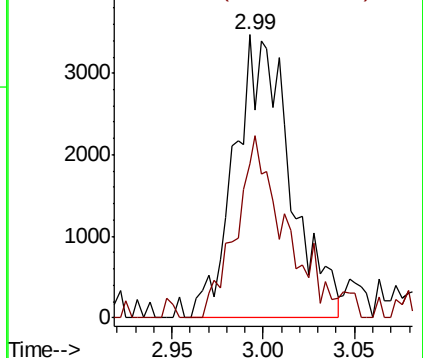
41 100

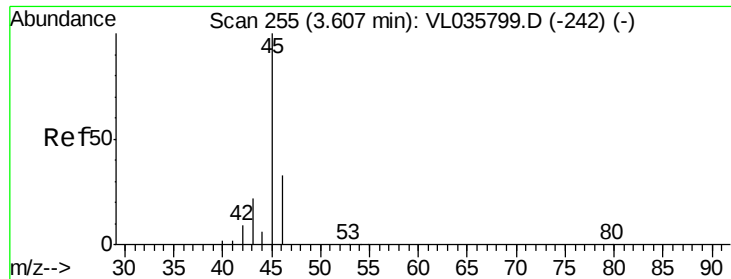
42 29.4 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





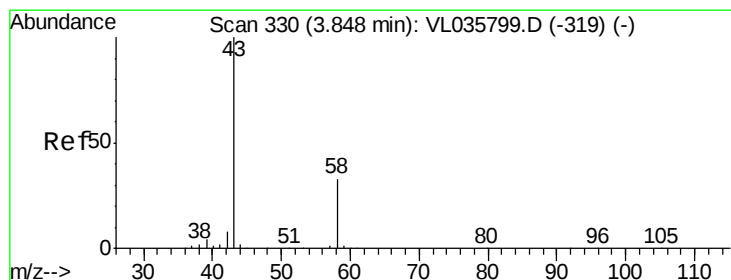
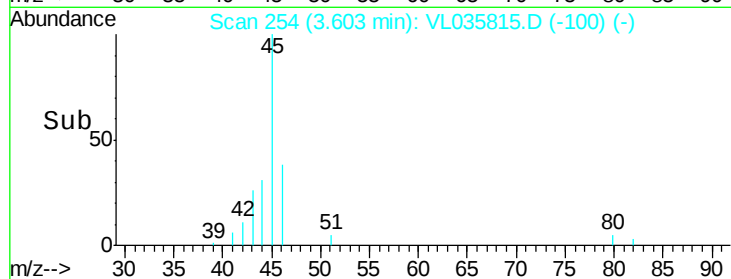
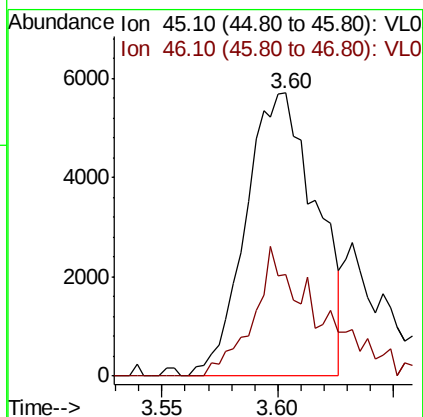
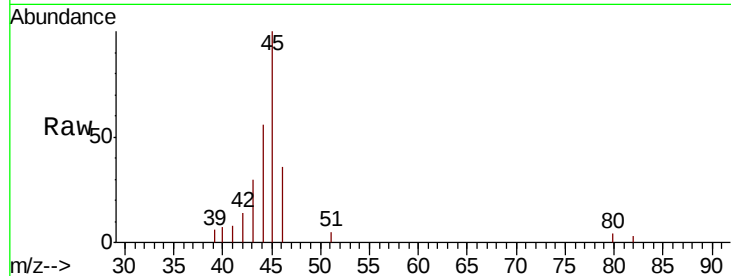
#13
Ethanol
Concen: 1.061 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL035815.D
Acq: 3 Nov 2020 22:40

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tot Ion	Ratio	Lower	Upper
45	100		
46	42.4	16.1	64.5

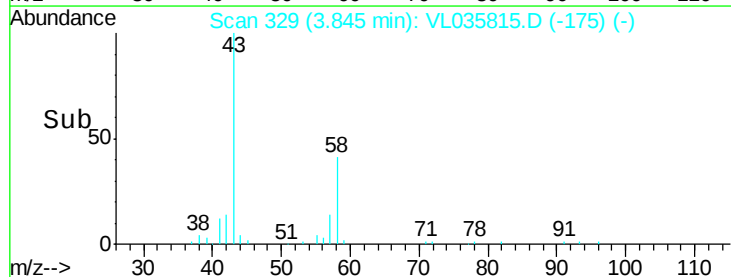
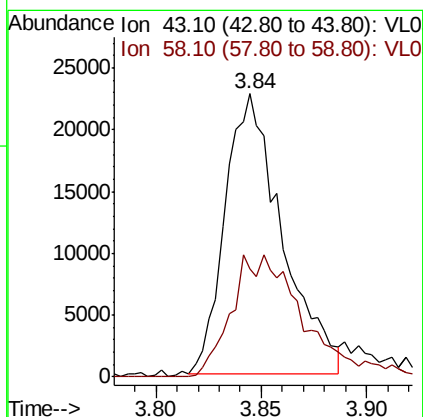
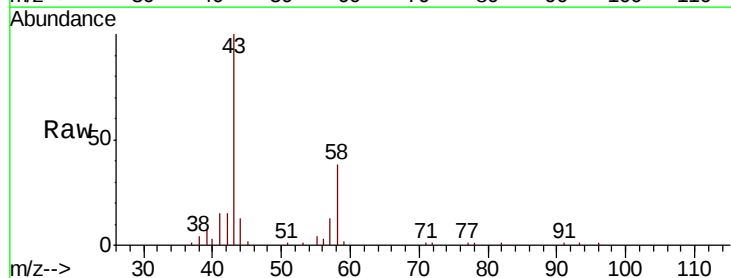
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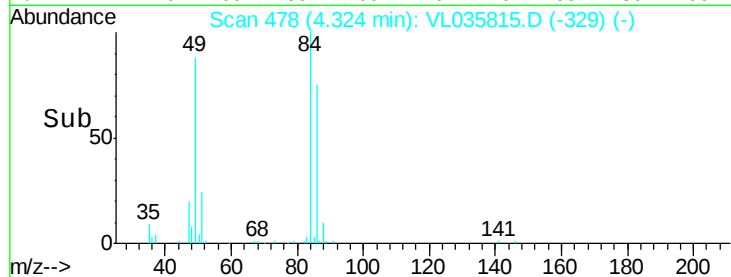
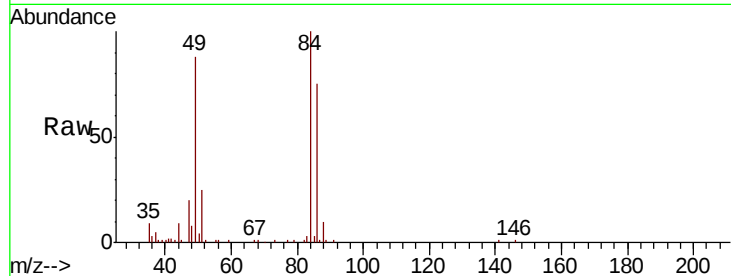
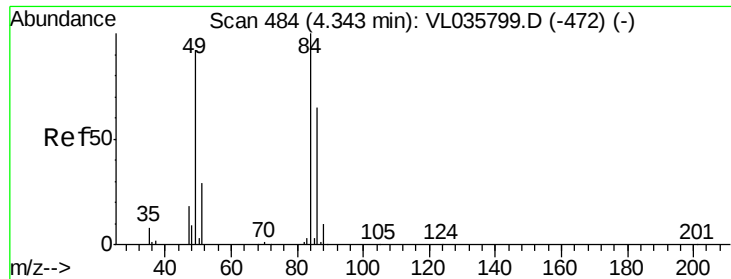
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#15
Acetone
Concen: 0.334 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL035815.D
Acq: 3 Nov 2020 22:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.0	27.5	41.3#





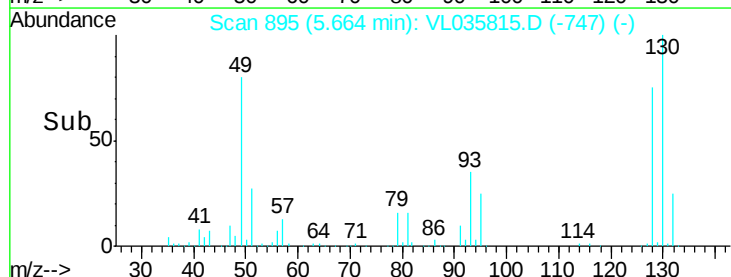
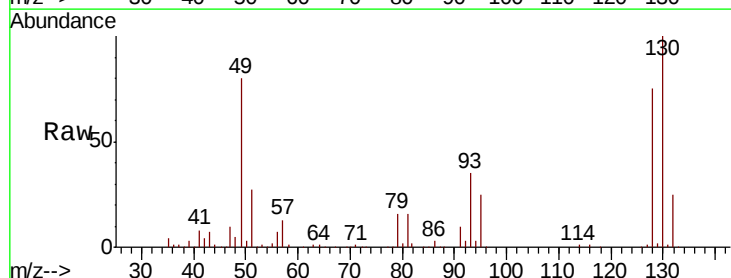
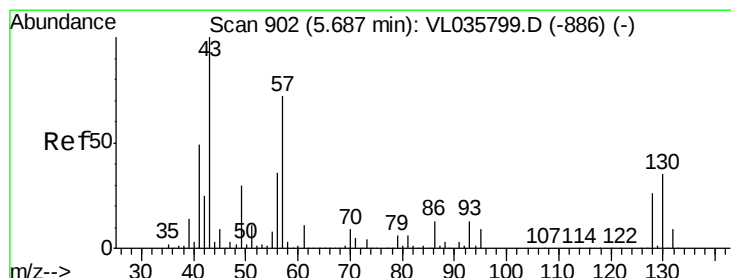
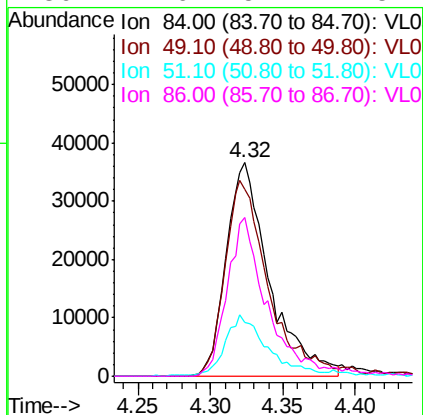
#20
Methvlene Chloride
Concen: 0.845 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035815.D
Acq: 3 Nov 2020 22:40

Tot Ion	84	Resp	75709
Ion Ratio	Lower	Upper	
84	100		
49	87.6	73.8	110.8
51	24.5	23.0	34.4
86	74.6	52.1	78.1

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

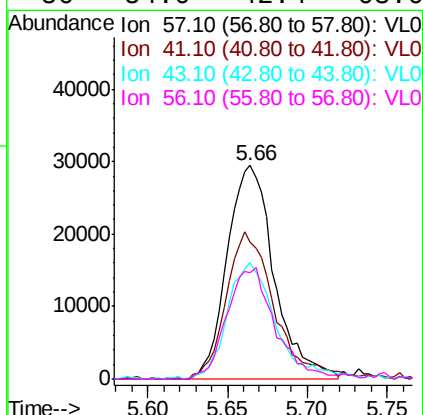
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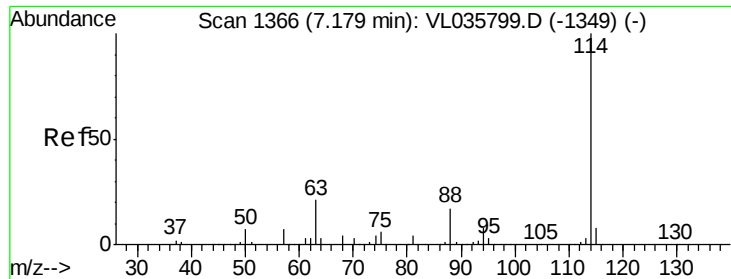
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#26
Hexane
Concen: 0.429 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035815.D
Acq: 3 Nov 2020 22:40

Tgt Ion	57	Resp	59305
Ion Ratio	Lower	Upper	
57	100		
41	72.0	58.9	88.3
43	56.9	150.2	225.2#
56	54.0	42.4	63.6





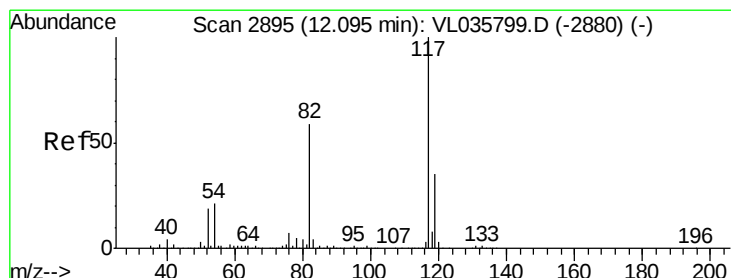
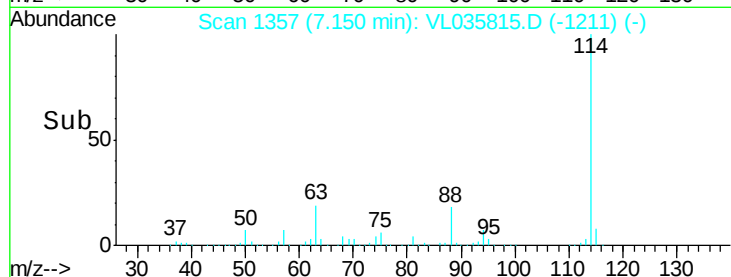
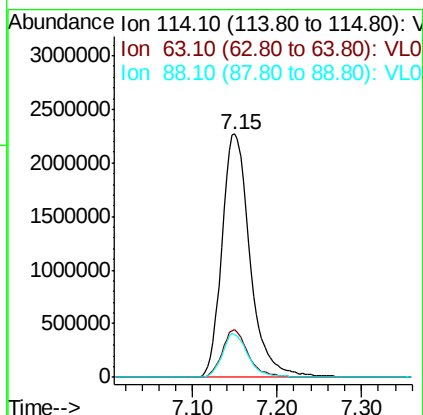
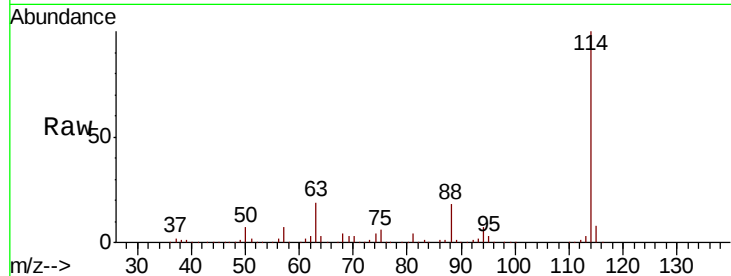
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL035815.D
 Acq: 3 Nov 2020 22:40

Instrument :
 MSVOA_L
 ClientSampled :
 IA1DL

Tot Ion:114 Resp: 5248158
 Ion Ratio Lower Upper
 114 100
 63 18.3 16.1 24.1
 88 16.7 13.7 20.5

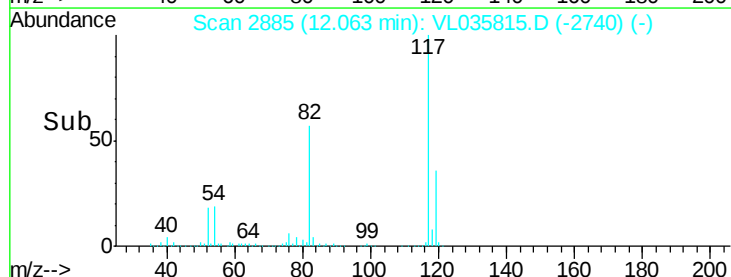
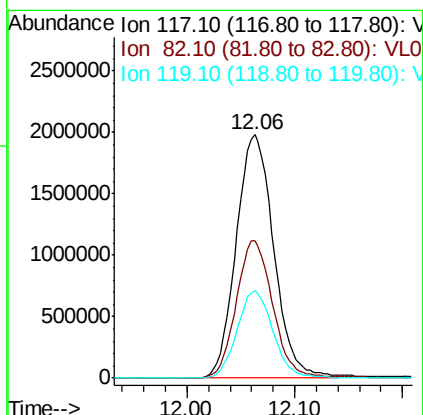
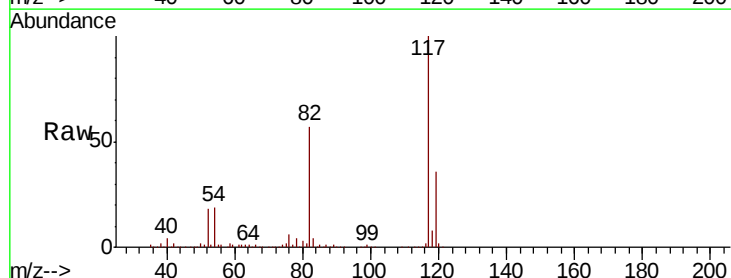
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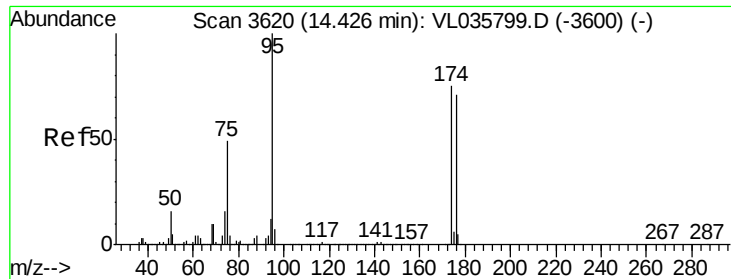
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: VL035815.D
 Acq: 3 Nov 2020 22:40

Tgt Ion:117 Resp: 4806502
 Ion Ratio Lower Upper
 117 100
 82 55.7 50.6 76.0
 119 35.0 52.6 78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.871 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.03 min
 Lab File: VL035815.D
 Acq: 3 Nov 2020 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	79.6	59.8	89.6
175	5.7	4.3	6.5

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