

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036119.D
 Acq On : 9 Dec 2020 6:44
 Operator : SY/AP
 Sample : L4948-13DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2BDL

Manual Integrations
 APPROVED

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Quant Time: Dec 09 09:10:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1158764	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	2303327	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2065231	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1765880	10.77	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	7953m	0.120	ppbv	
13) Ethanol	3.61	45	91747m	10.049	ppbv	
15) Acetone	3.86	43	40838	0.293	ppbv	# 54
20) Methylene Chloride	4.35	84	85453	1.497	ppbv	97
26) Hexane	5.70	57	49311m	0.394	ppbv	

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

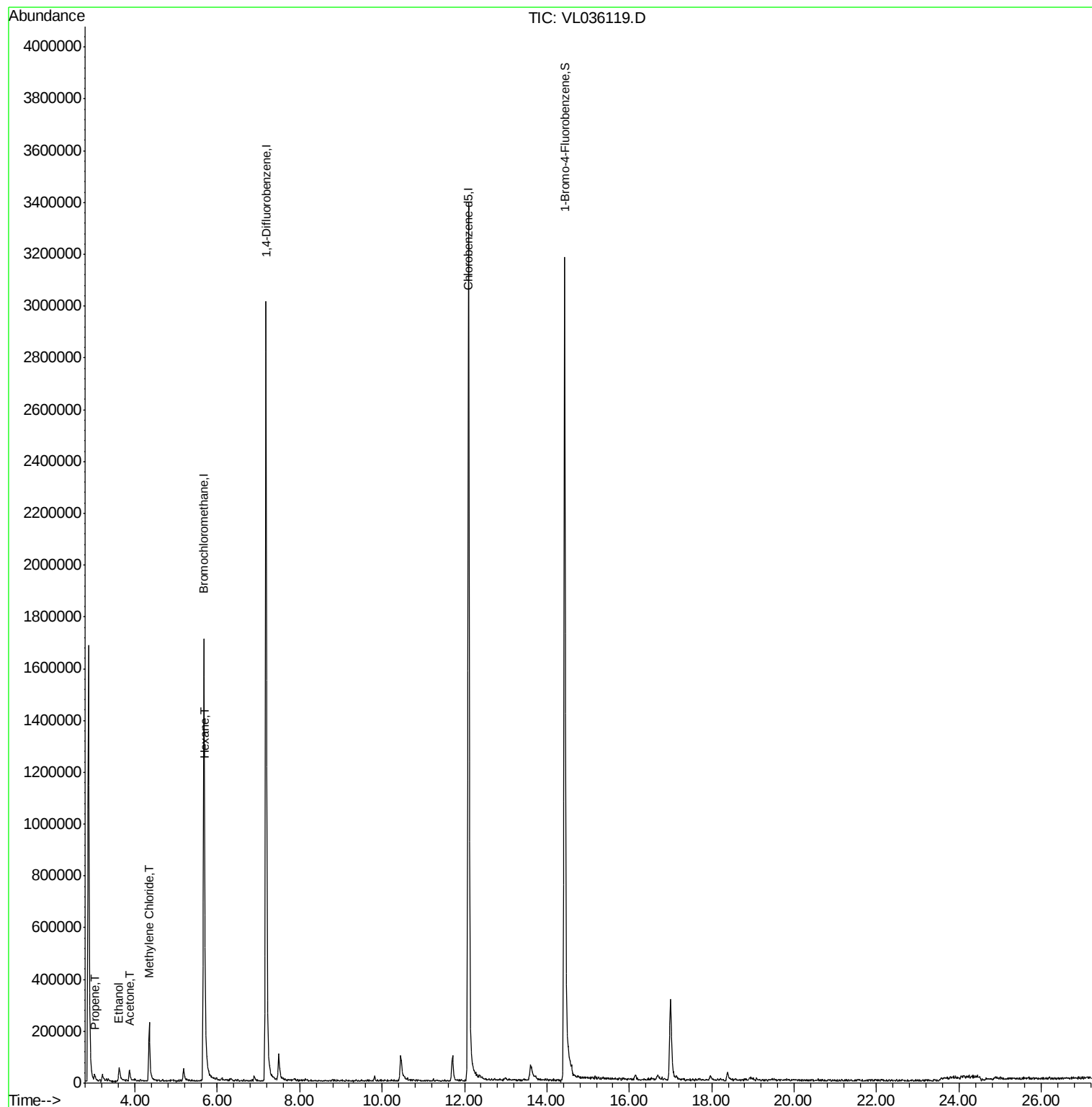
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120820\
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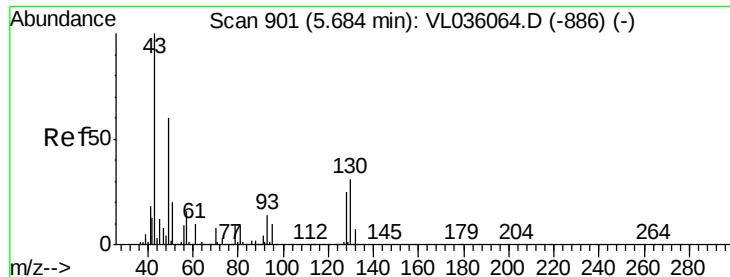
Instrument :
MSVOA_L
ClientSampleId :
SS-2BDL

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Quant Time: Dec 09 09:10:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL036119.D

Acq: 9 Dec 2020 6:44

Instrument :

MSVOA_L

ClientSampleId :

SS-2BDL

Tot Ion: 49 Resp: 1158764

Ion Ratio Lower Upper

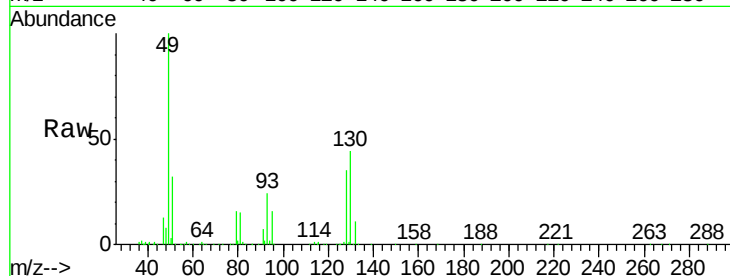
49 100

128 36.1 21.1 63.1

130 45.6 27.1 81.3

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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

5.67

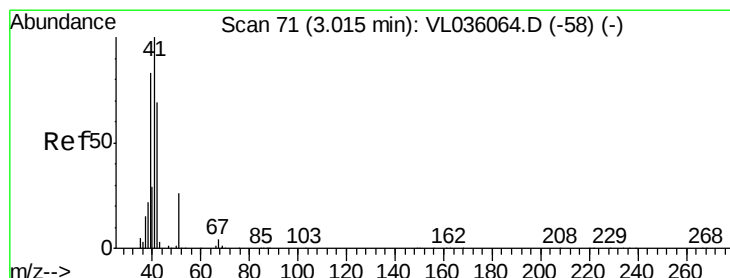
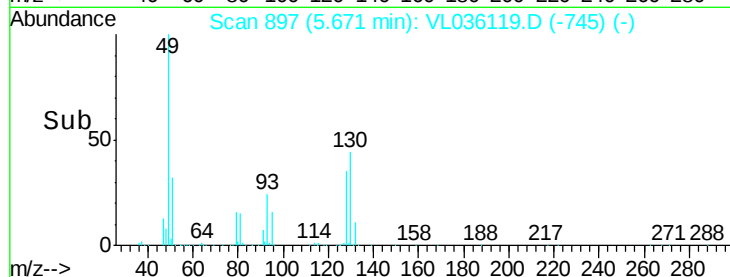
600000

400000

200000

0

Time-->



#9

Propene

Concen: 0.120 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL036119.D

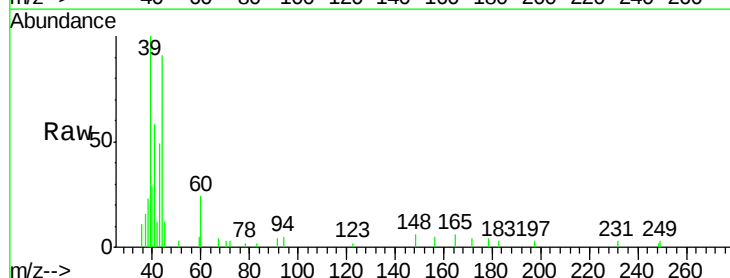
Acq: 9 Dec 2020 6:44

Tgt Ion: 41 Resp: 7953

Ion Ratio Lower Upper

41 100

42 3.2 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

4000

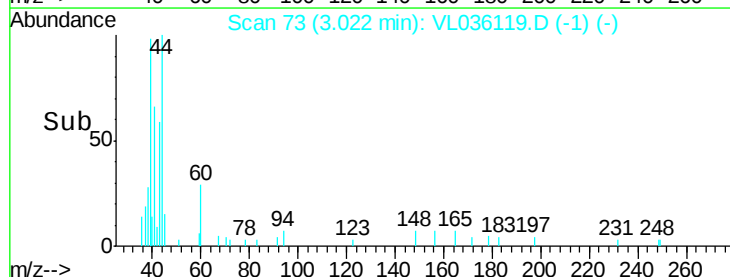
3000

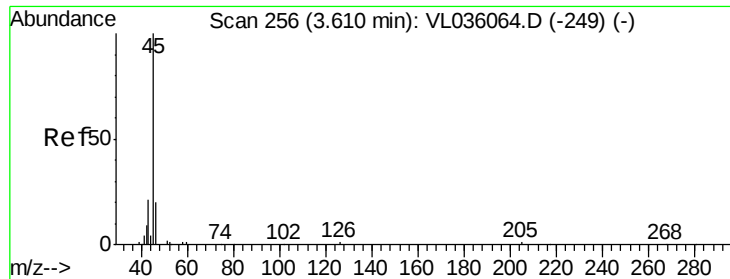
2000

1000

0

Time-->





#13

Ethanol

Concen: 10.049 ppbv m

RT: 3.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: VL036119.D

Acq: 9 Dec 2020 6:44

Instrument :

MSVOA_L

ClientSampleId :

SS-2BDL

Tot Ion: 45 Resp: 91747

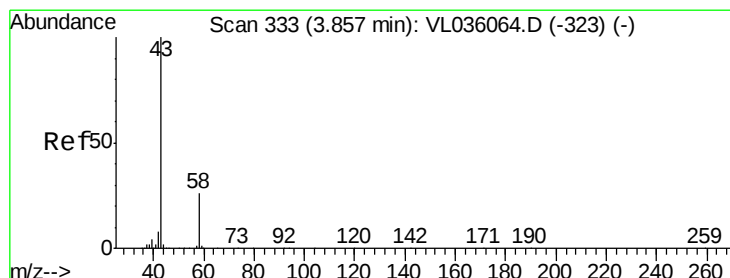
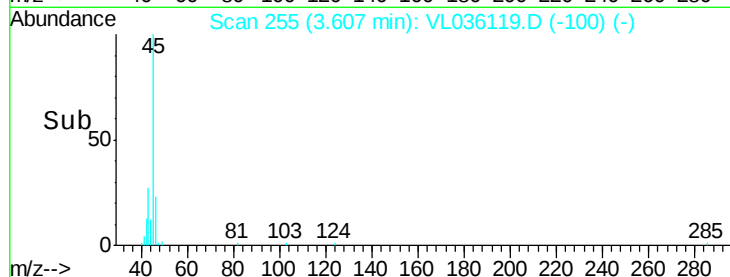
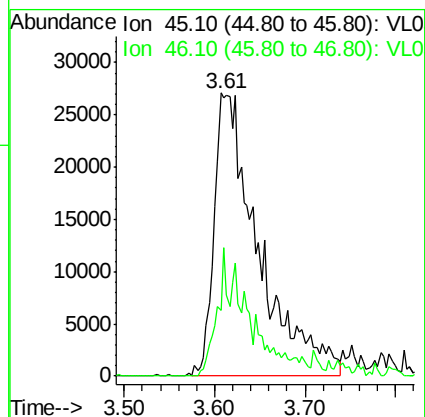
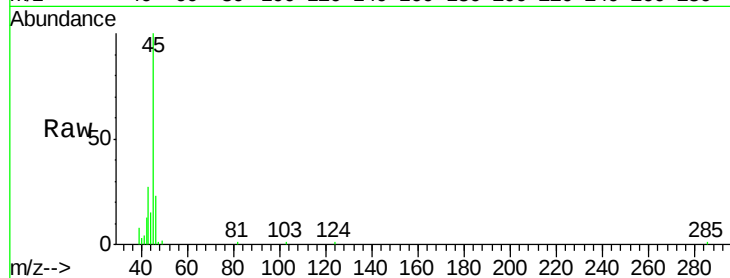
Ion Ratio Lower Upper

45 100

46 0.0 19.0 75.8#

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#15

Acetone

Concen: 0.293 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036119.D

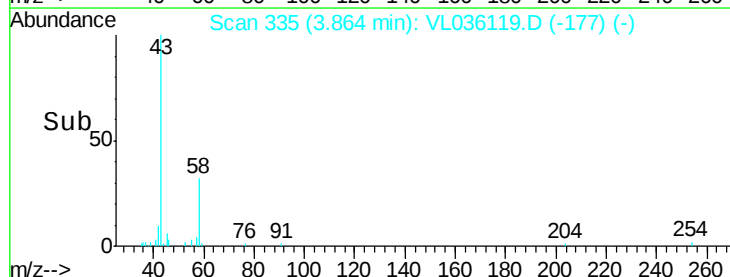
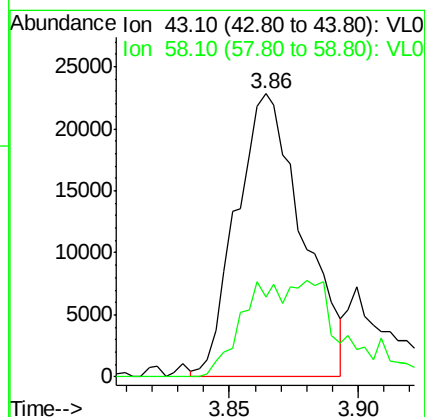
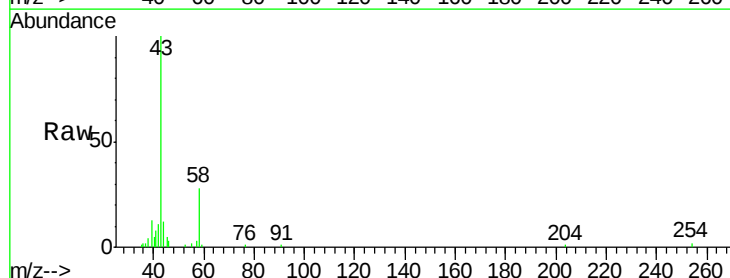
Acq: 9 Dec 2020 6:44

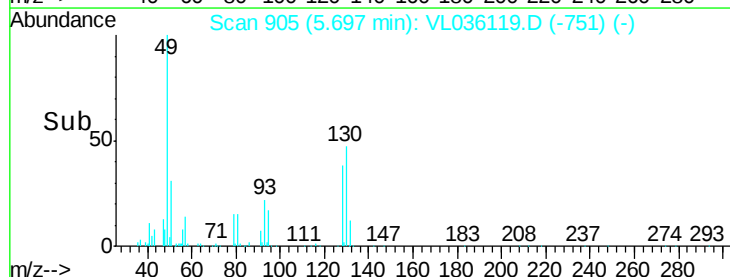
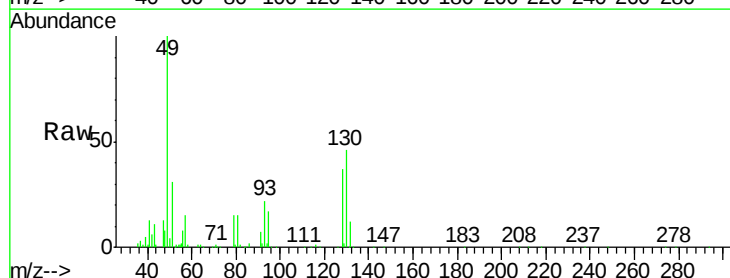
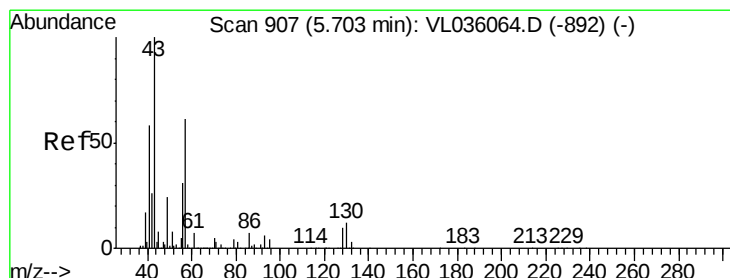
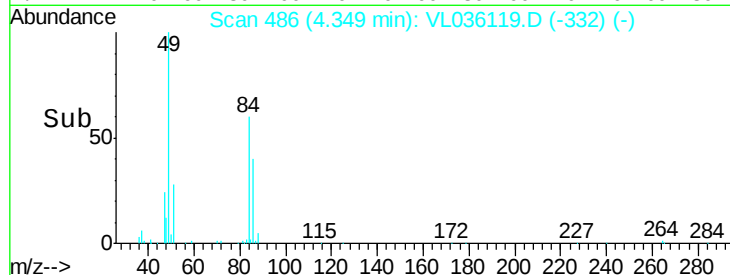
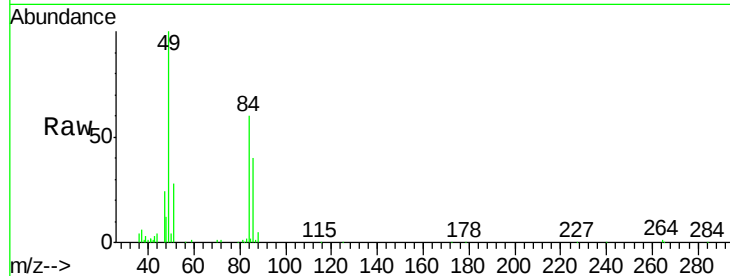
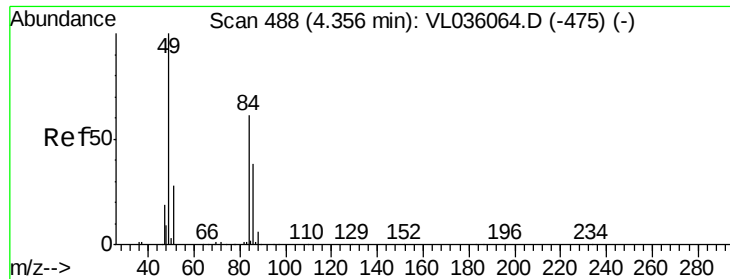
Tgt Ion: 43 Resp: 40838

Ion Ratio Lower Upper

43 100

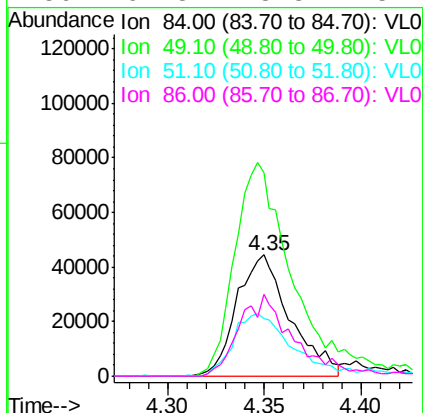
58 49.8 20.9 31.3#





#20
Methvlene Chloride
Concen: 1.497 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL036119.D
Acq: 9 Dec 2020 6:44

Tot Ion:	84	Resp:	85453
Ion Ratio	Lower	Upper	
84	100		
49	167.5	133.0	199.4
51	46.9	38.9	58.3
86	67.8	48.8	73.2



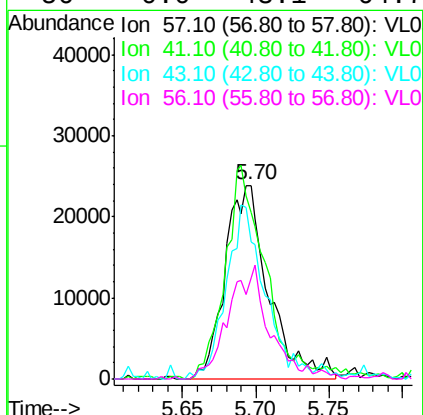
Instrument :
MSVOA_L
ClientSampled :
SS-2BDL

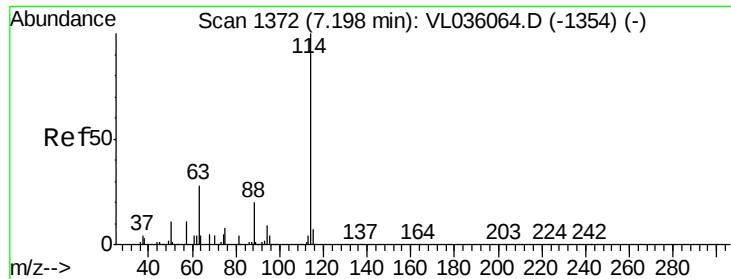
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#26
Hexane
Concen: 0.394 ppbv m
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL036119.D
Acq: 9 Dec 2020 6:44

Tgt Ion:	57	Resp:	49311
Ion Ratio	Lower	Upper	
57	100		
41	105.1	82.9	124.3
43	82.5	199.9	299.9#
56	0.0	43.1	64.7#





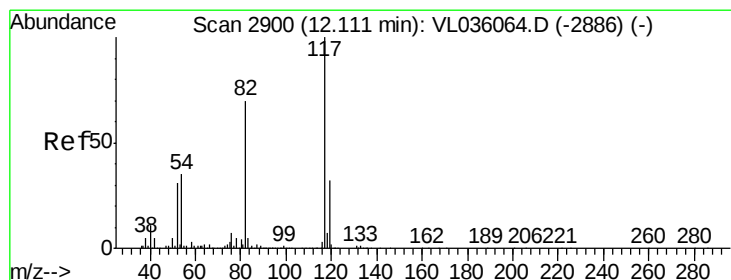
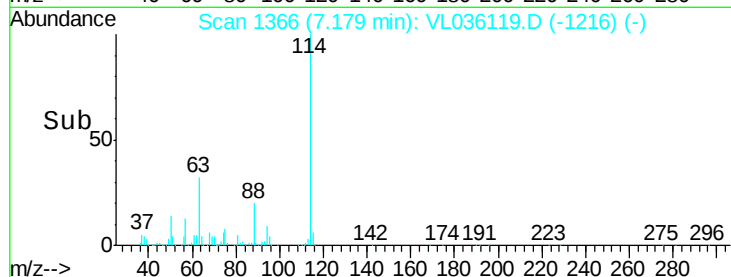
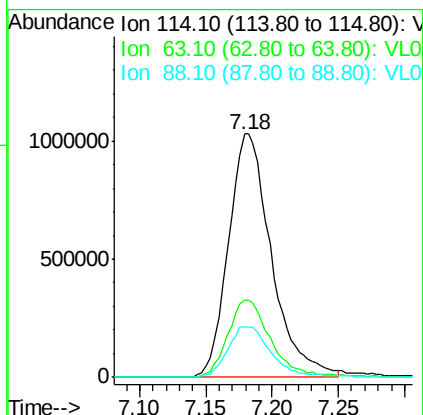
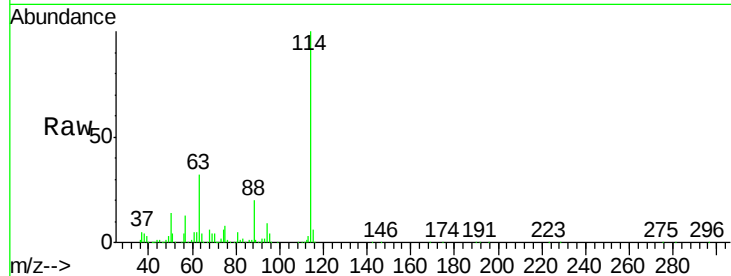
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: VL036119.D
 Acq: 9 Dec 2020 6:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2BDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	32.5	23.6	35.4
88	21.7	15.8	23.6

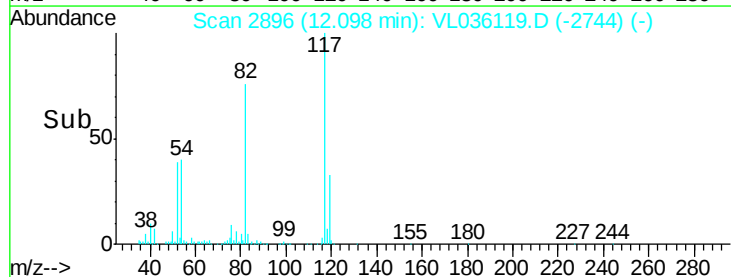
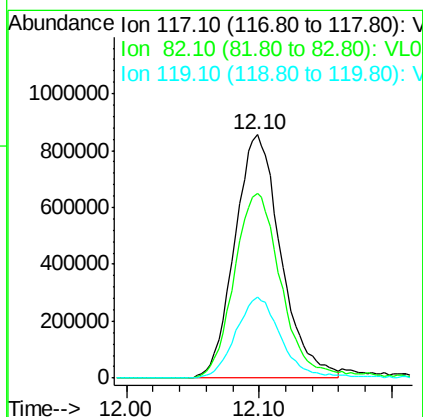
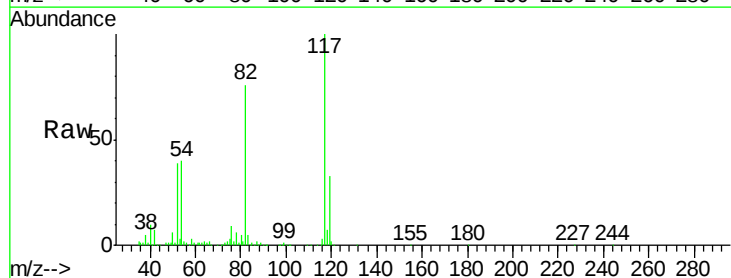
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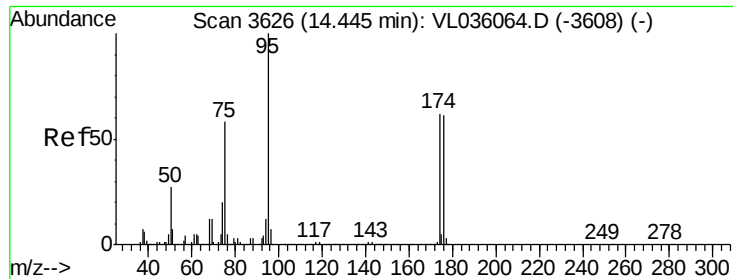
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. -0.01 min
 Lab File: VL036119.D
 Acq: 9 Dec 2020 6:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	80.6	0.0	0.0#
119	33.7	0.0	0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.768 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL036119.D
 Acq: 9 Dec 2020 6:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2BDL

Tot Ion: 95 Resp: 1765880
 Ion Ratio Lower Upper
 95 100
 174 57.8 50.7 76.1
 175 3.8 4.0 6.0#

Manual Integrations
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