

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036113.D
 Acq On : 9 Dec 2020 2:56
 Operator : SY/AP
 Sample : L4948-10DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7BDL

Manual Integrations
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 12/11/2020 12:24:00 PM

Quant Time: Dec 09 08:49:14 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	1144553	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	2490634	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2187953	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1871124	10.77	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	11284m	0.172	ppbv	
13) Ethanol	3.63	45	34762m	3.855	ppbv	
15) Acetone	3.86	43	118338	0.860	ppbv	# 82
20) Methylene Chloride	4.35	84	21977m	0.390	ppbv	
26) Hexane	5.69	57	13744m	0.111	ppbv	
59) m/p-Xylene	12.98	91	27344m	0.108	ppbv	

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

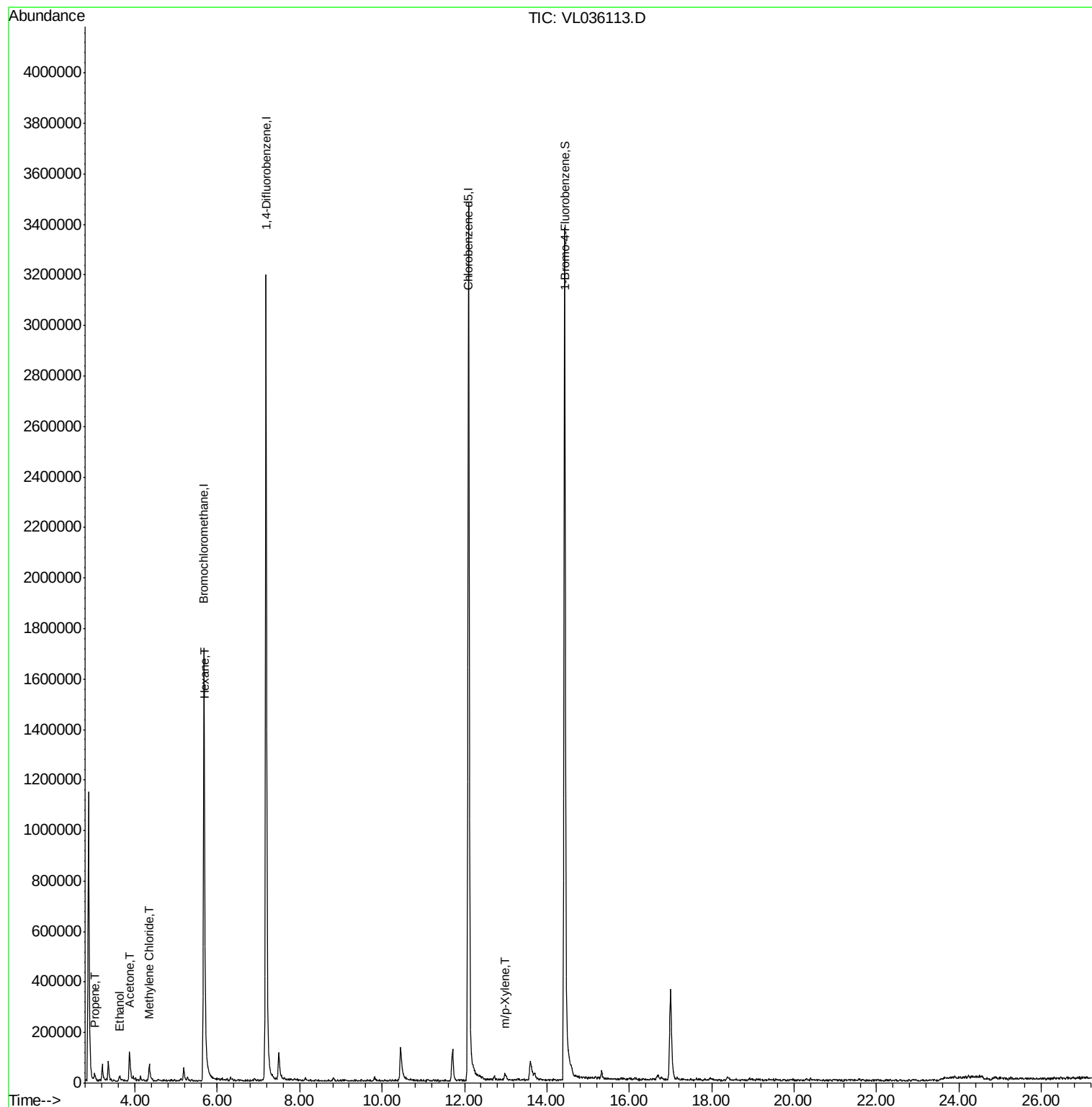
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120820\
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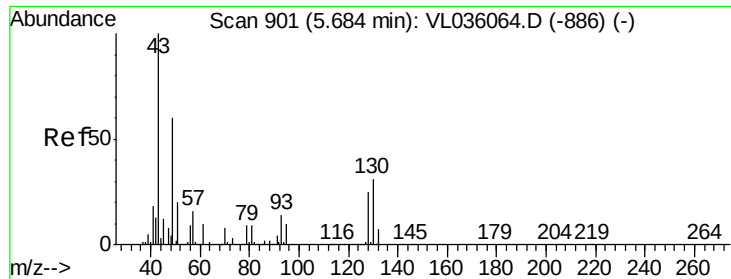
Instrument :
MSVOA_L
ClientSampleId :
SS-7BDL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
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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: VL036113.D

Acq: 9 Dec 2020 2:56

Instrument :

MSVOA_L

ClientSampled :

SS-7BDL

Tot Ion: 49 Resp: 1144553

Ion Ratio Lower Upper

49 100

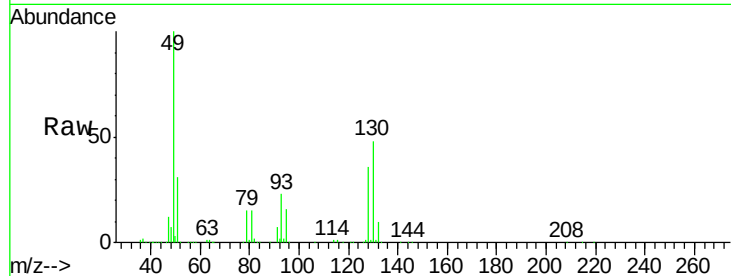
128 37.0 21.1 63.1

130 49.8 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

600000

400000

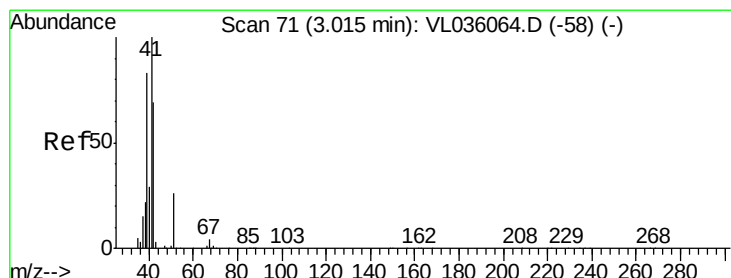
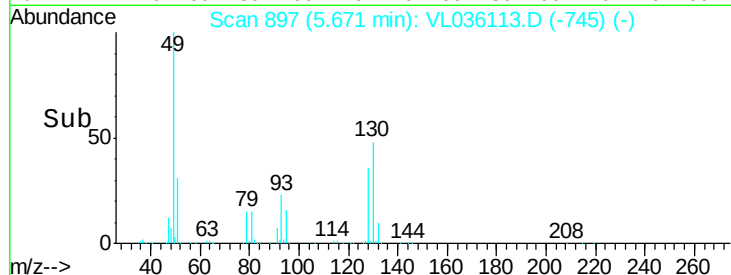
200000

0

5.67

5.60 5.65 5.70 5.75

Time-->



#9

Propene

Concen: 0.172 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL036113.D

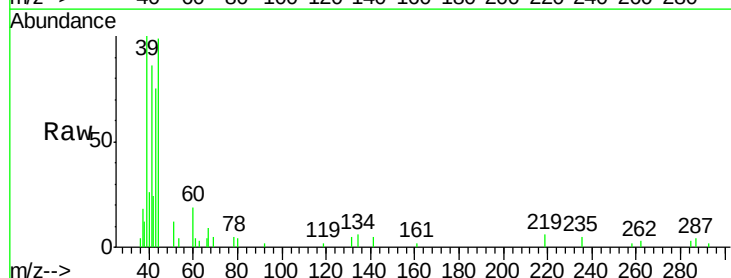
Acq: 9 Dec 2020 2:56

Tgt Ion: 41 Resp: 11284

Ion Ratio Lower Upper

41 100

42 42.1 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

6000

4000

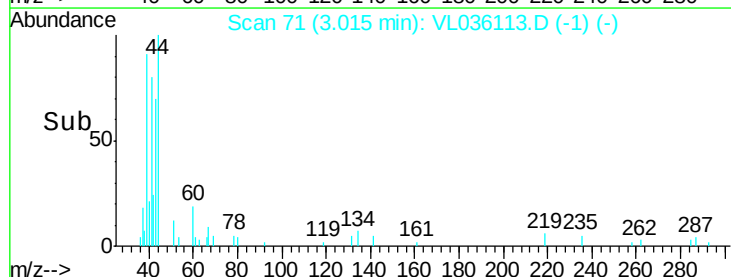
2000

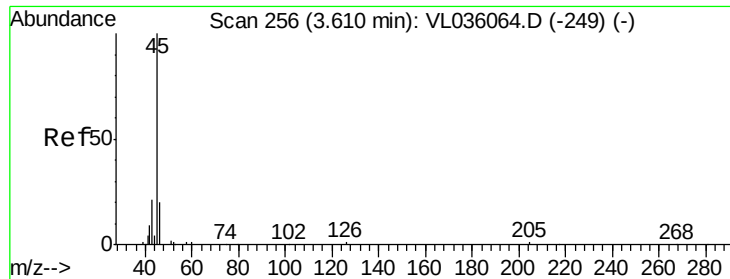
0

3.02

2.95 3.00 3.05

Time-->





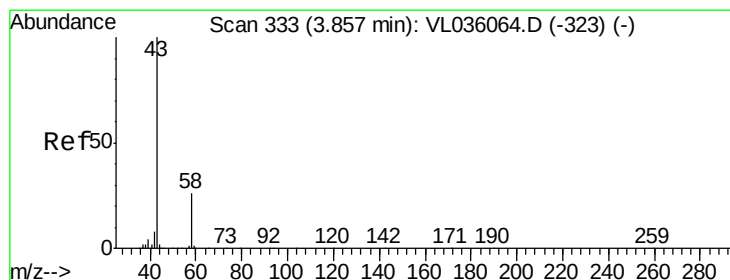
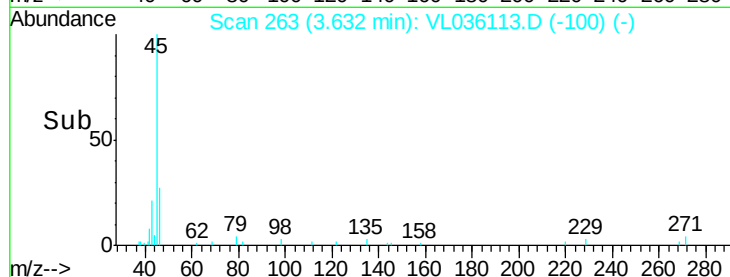
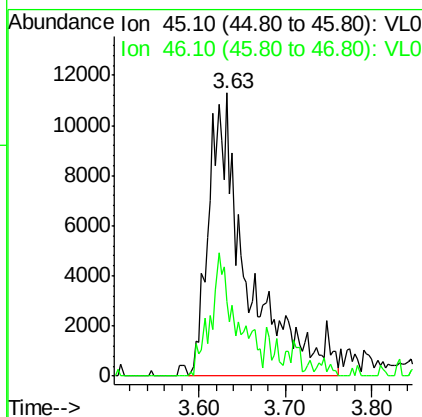
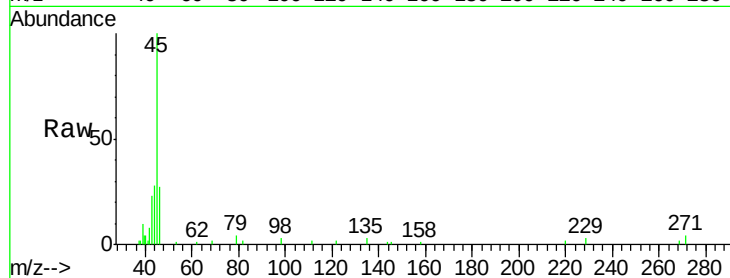
#13
Ethanol
Concen: 3.855 ppbv m
RT: 3.63 min Scan# 263
Delta R.T. 0.02 min
Lab File: VL036113.D
Acq: 9 Dec 2020 2:56

Instrument :
MSVOA_L
ClientSampleId :
SS-7BDL

Tot Ion: 45 Resp: 34762
Ion Ratio Lower Upper
45 100
46 0.0 19.0 75.8#

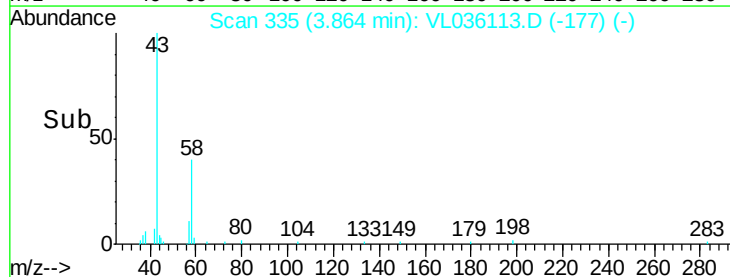
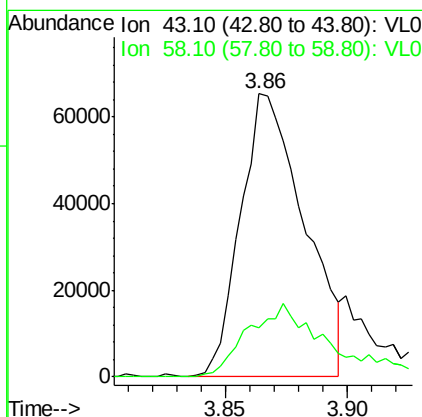
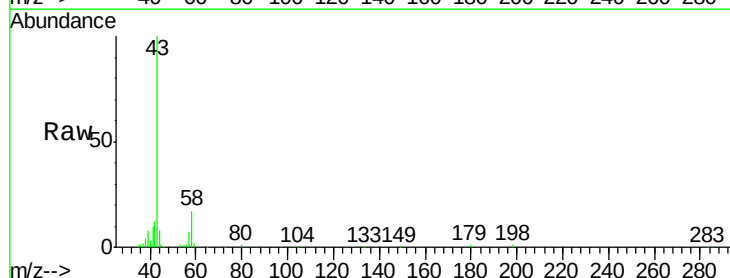
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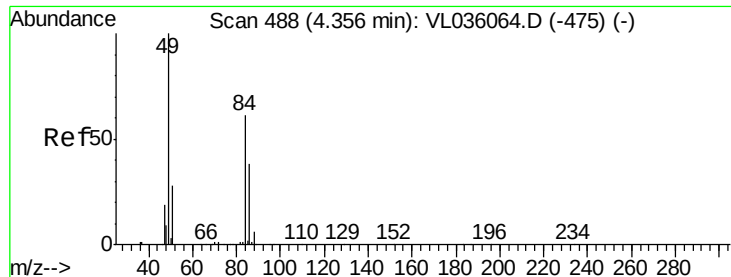
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#15
Acetone
Concen: 0.860 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036113.D
Acq: 9 Dec 2020 2:56

Tgt Ion: 43 Resp: 118338
Ion Ratio Lower Upper
43 100
58 35.5 20.9 31.3#





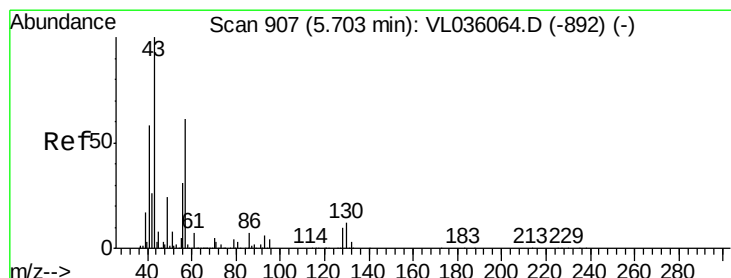
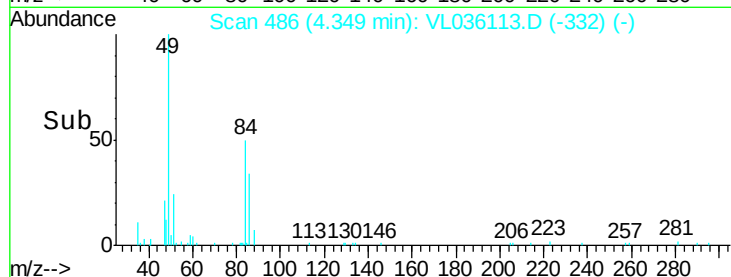
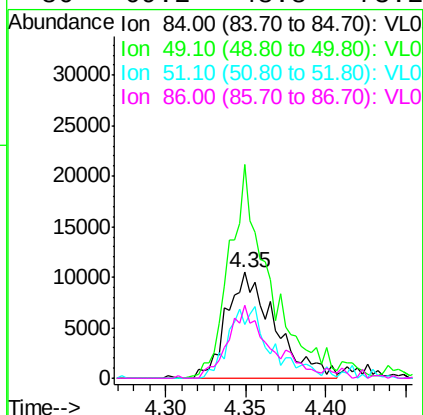
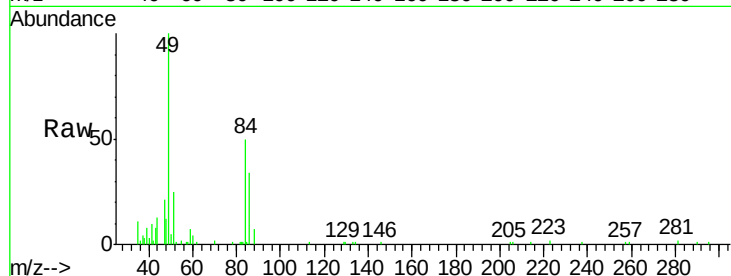
#20
Methvlene Chloride
Concen: 0.390 ppbv m
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL036113.D
Acq: 9 Dec 2020 2:56

Instrument :
MSVOA_L
ClientSampleId :
SS-7BDL

Tot Ion:	84	Resp:	21977
Ion	Ratio	Lower	Upper
84	100		
49	201.4	133.0	199.4#
51	51.3	38.9	58.3
86	69.2	48.8	73.2

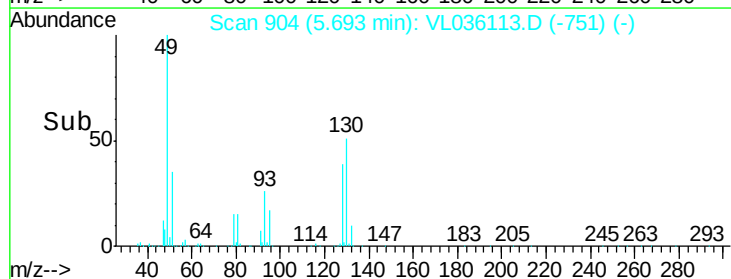
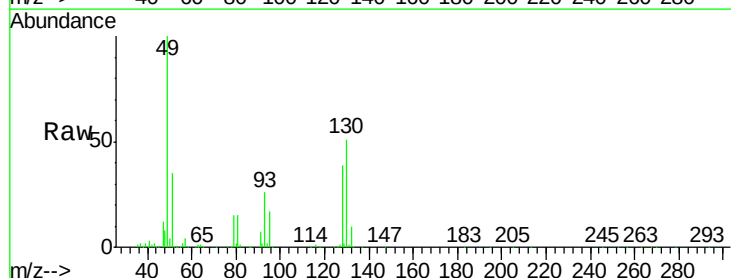
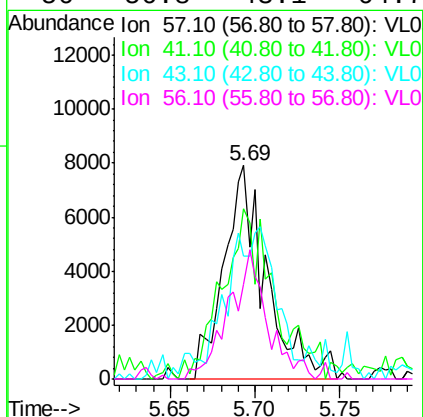
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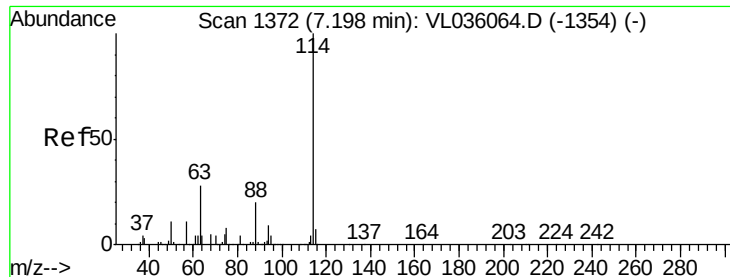
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#26
Hexane
Concen: 0.111 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL036113.D
Acq: 9 Dec 2020 2:56

Tgt Ion:	57	Resp:	13744
Ion	Ratio	Lower	Upper
57	100		
41	100.9	82.9	124.3
43	0.0	199.9	299.9#
56	56.8	43.1	64.7





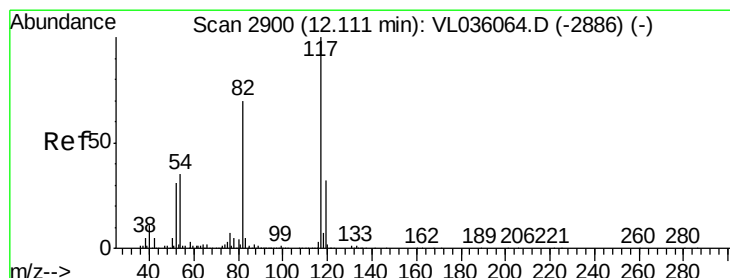
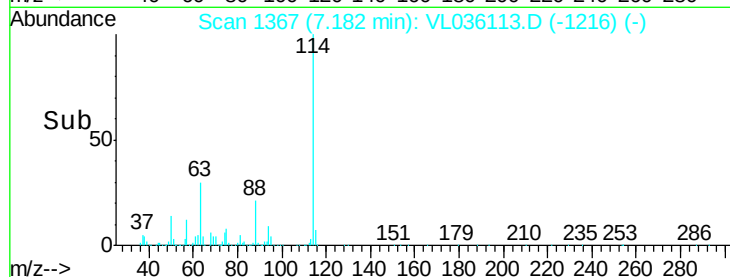
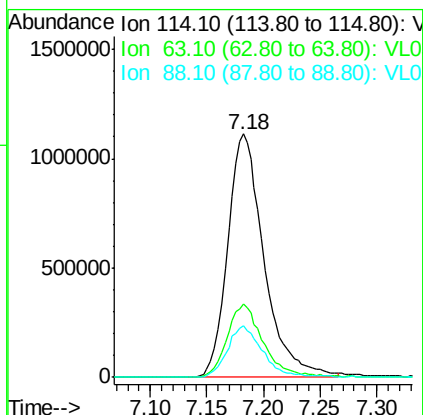
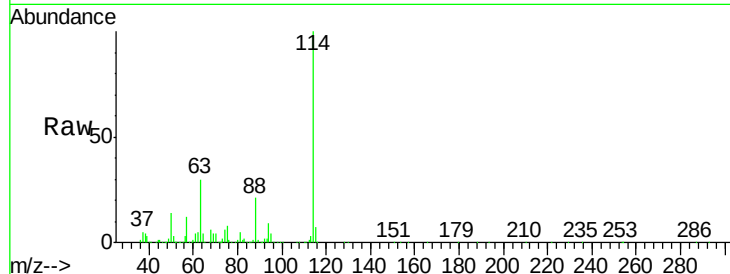
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: VL036113.D
 Acq: 9 Dec 2020 2:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7BDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.4	23.6	35.4
88	20.8	15.8	23.6

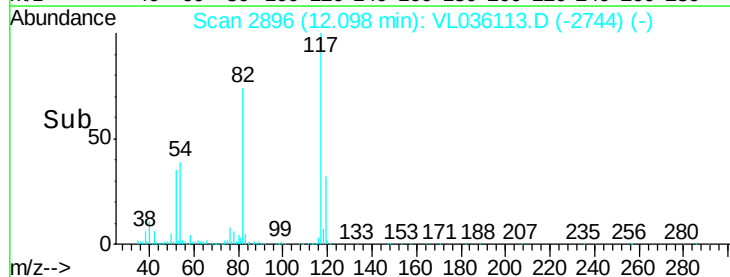
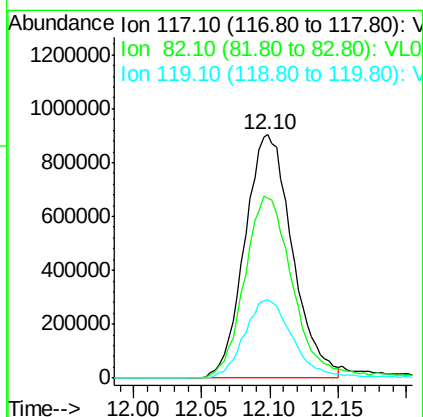
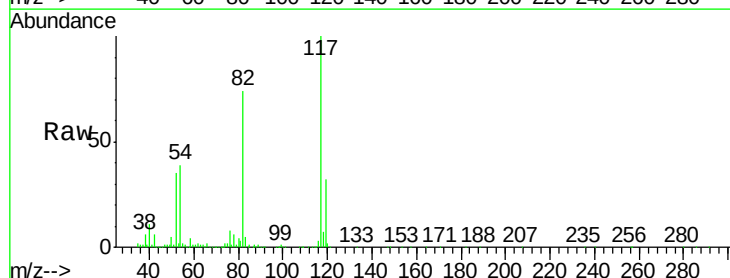
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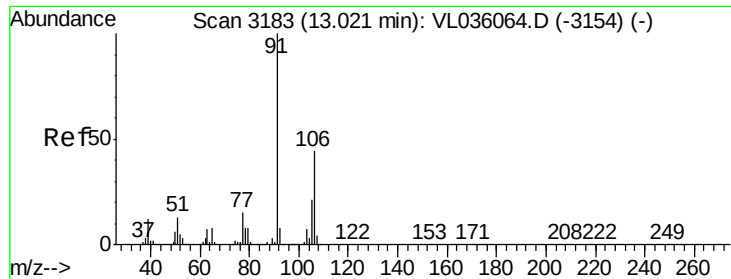
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. -0.01 min
 Lab File: VL036113.D
 Acq: 9 Dec 2020 2:56

Tgt Ion	Ratio	Lower	Upper
117	100		
82	77.4	0.0	0.0#
119	33.2	0.0	0.0#





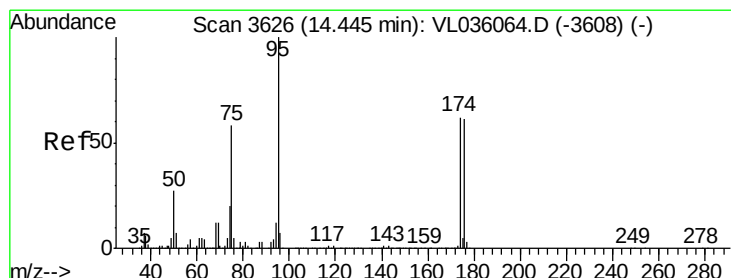
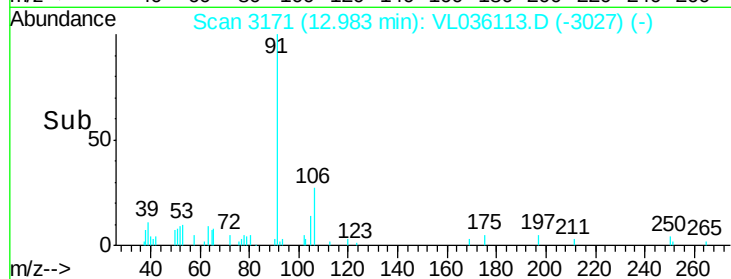
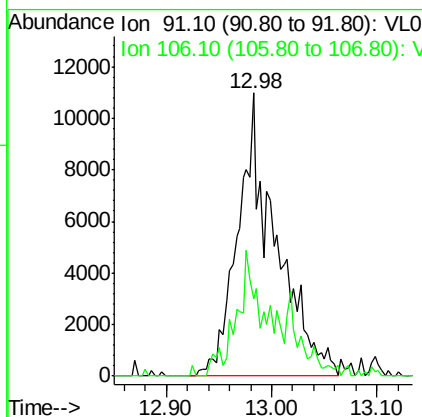
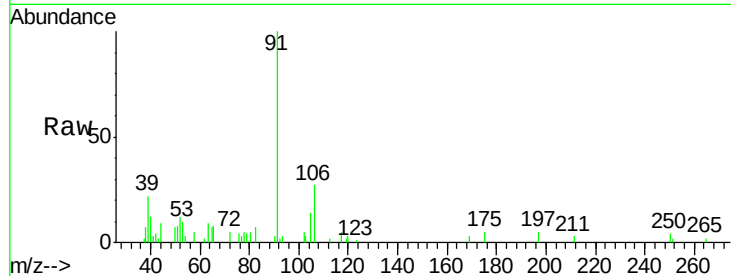
#59
m/p-Xylene
Concen: 0.108 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. -0.04 min
Lab File: VL036113.D
Acq: 9 Dec 2020 2:56

Instrument :
MSVOA_L
ClientSampled :
SS-7BDL

Tot Ion: 91 Resp: 27344
Ion Ratio Lower Upper
91 100
106 13.2 33.6 50.4#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.770 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.02 min
Lab File: VL036113.D
Acq: 9 Dec 2020 2:56

Tgt Ion: 95 Resp: 1871124
Ion Ratio Lower Upper
95 100
174 58.3 50.7 76.1
175 4.2 4.0 6.0

