

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091721\
 Data File : VL037646.D
 Acq On : 17 Sep 2021 18:01
 Operator : SY/AP
 Sample : M3801-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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Quant Time: Sep 18 07:39:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1386503	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3999212	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3370926	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2363295	9.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	394820m	43.755	ppbv	
15) Acetone	3.85	43	201931m	1.402	ppbv	
19) Isopropyl Alcohol	3.96	45	823722	10.509	ppbv	98
20) Methylene Chloride	4.33	84	273147	3.972	ppbv	98
26) Hexane	5.67	57	83313	0.503	ppbv #	52

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

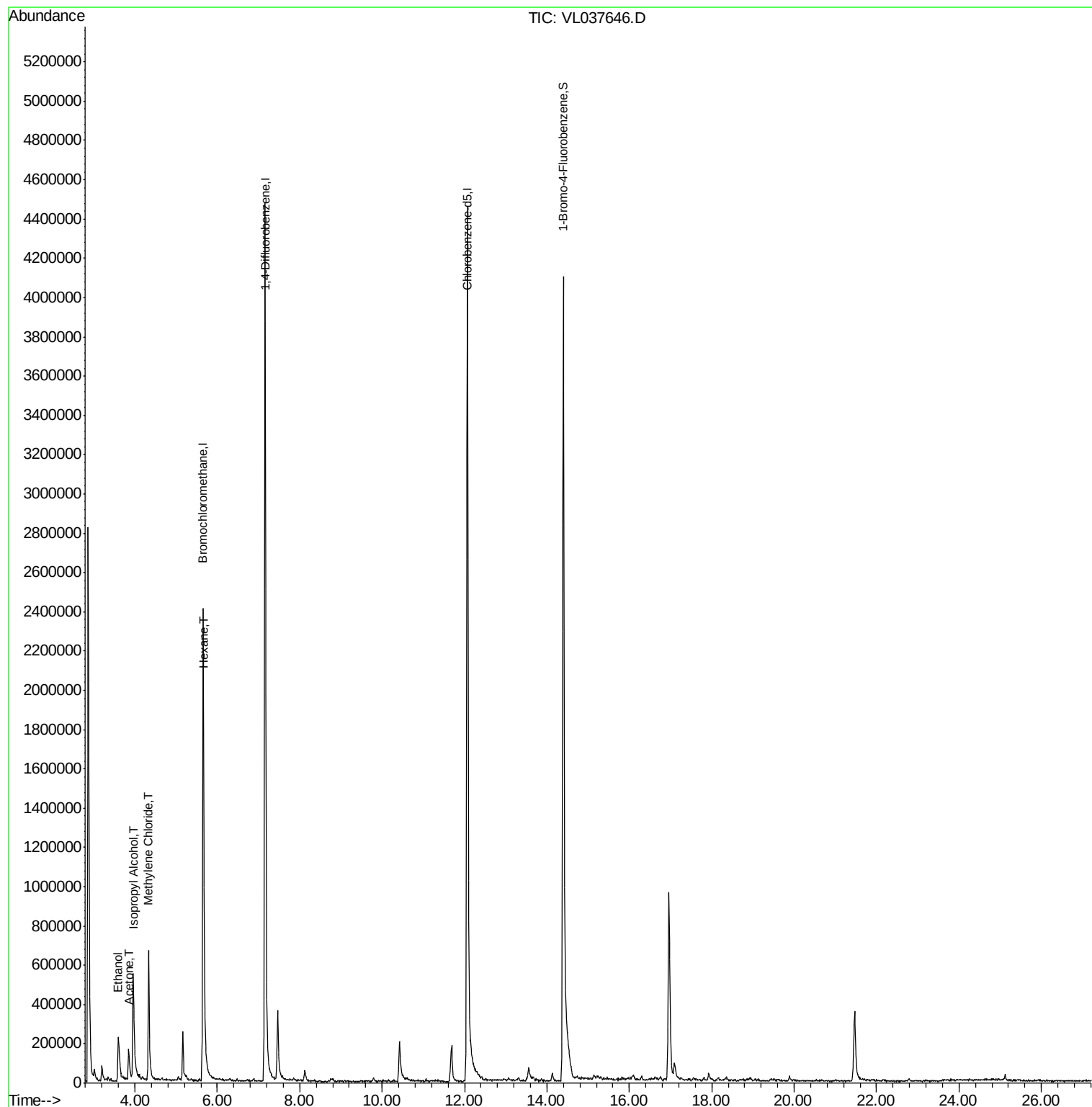
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091721\
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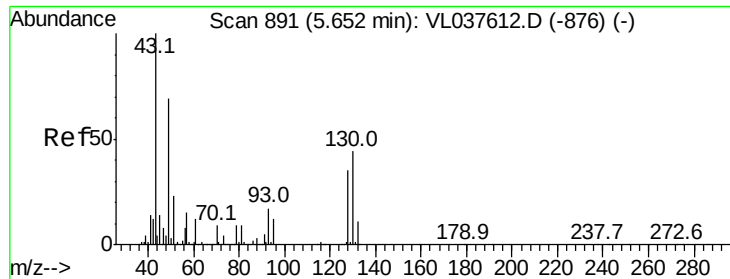
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

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Quant Time: Sep 18 07:39:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

Lab File: VL037646.D

Acq: 17 Sep 2021 18:01

Instrument :

MSVOA_L

ClientSampled :

IA1DL

Tot Ion: 49 Resp: 1386503

Ion Ratio Lower Upper

49 100

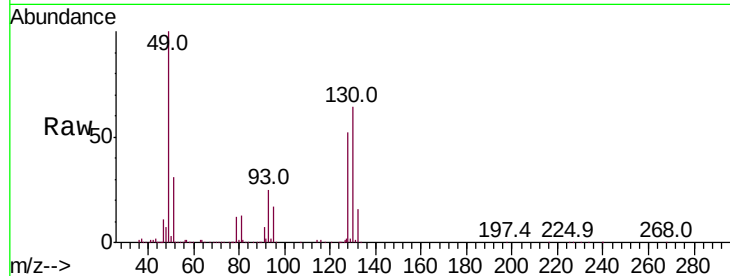
128 53.8 27.9 83.6

130 67.7 33.9 101.7

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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

800000

600000

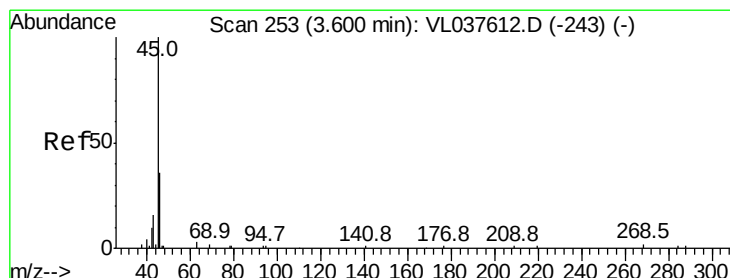
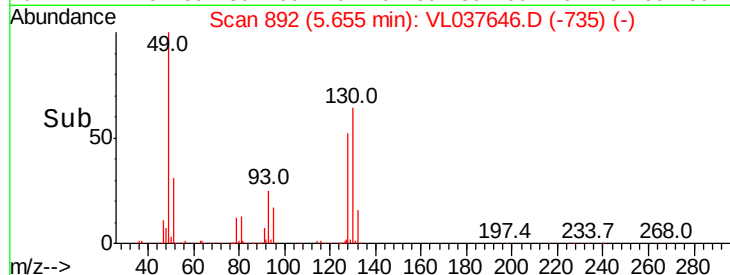
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#13

Ethanol

Concen: 43.755 ppbv m

RT: 3.60 min Scan# 252

Delta R.T. -0.00 min

Lab File: VL037646.D

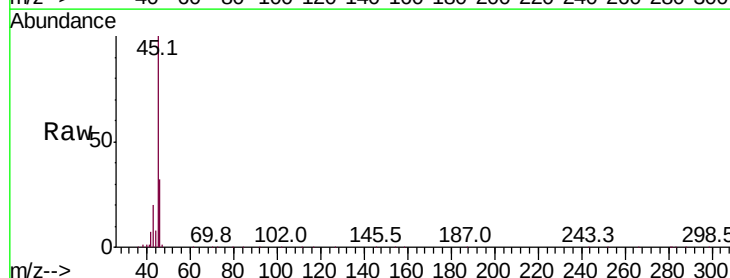
Acq: 17 Sep 2021 18:01

Tgt Ion: 45 Resp: 394820

Ion Ratio Lower Upper

45 100

46 34.4 17.2 68.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

150000

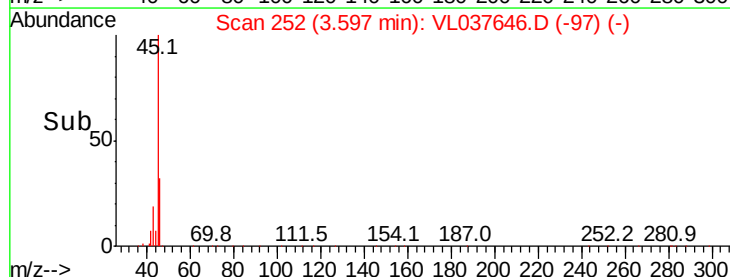
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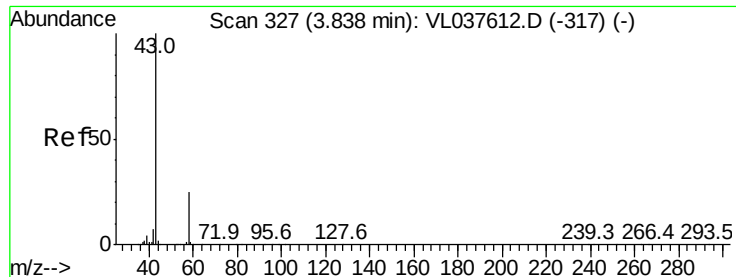
50000

0

3.55 3.60 3.65

Time-->





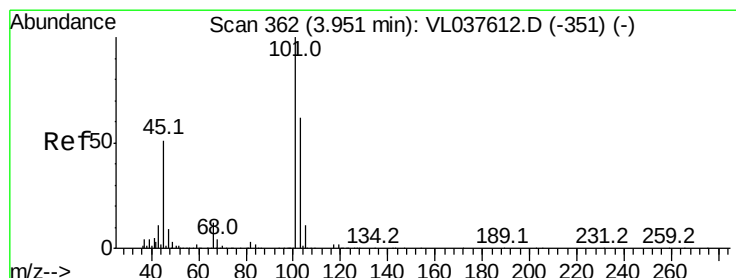
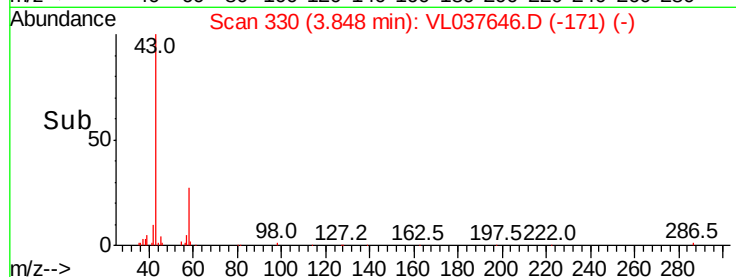
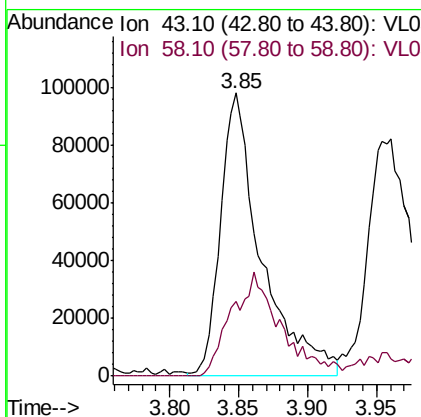
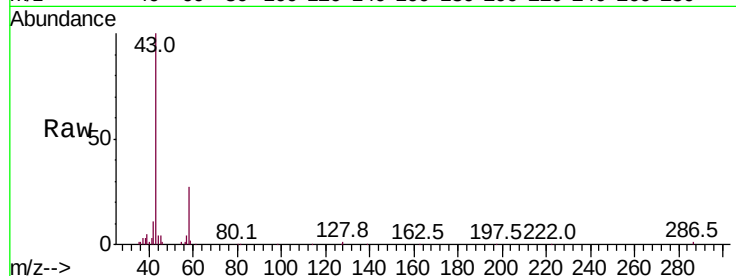
#15
Acetone
Concen: 1.402 ppbv m
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL037646.D
Acq: 17 Sep 2021 18:01

Instrument :
MSVOA_L
ClientSampled :
IA1DL

Tot Ion: 43 Resp: 201931
Ion Ratio Lower Upper
43 100
58 44.8 24.9 37.3#

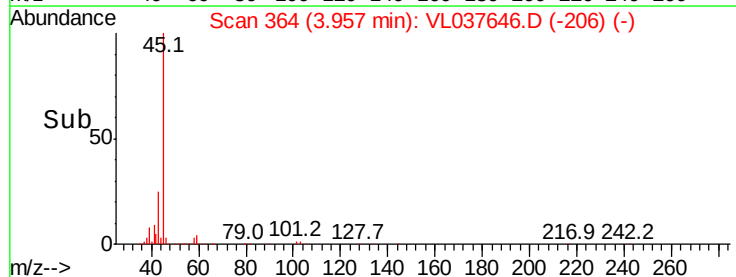
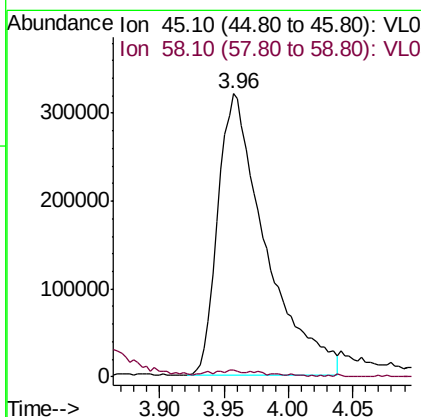
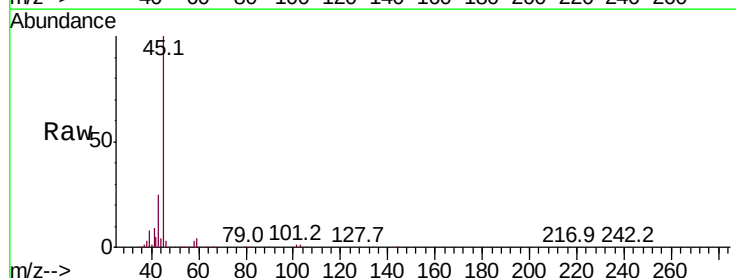
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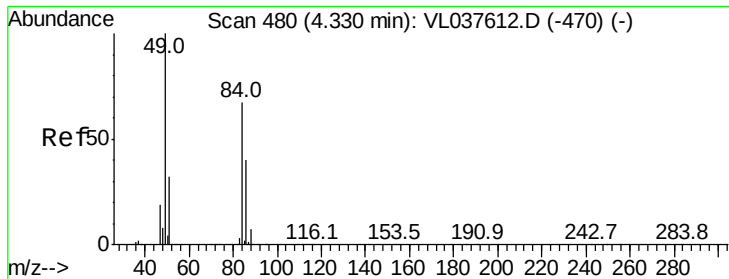
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#19
Isopropyl Alcohol
Concen: 10.509 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VL037646.D
Acq: 17 Sep 2021 18:01

Tgt Ion: 45 Resp: 823722
Ion Ratio Lower Upper
45 100
58 2.9 2.9 4.3





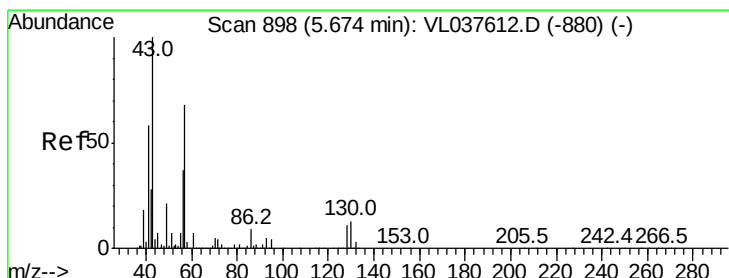
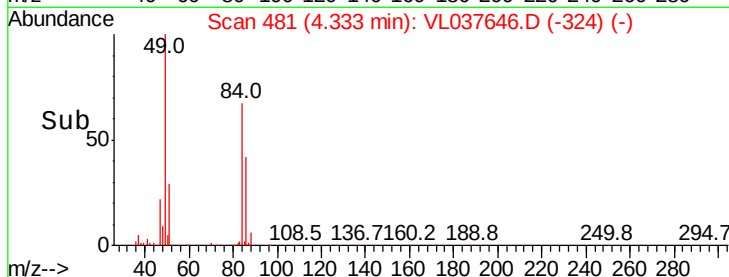
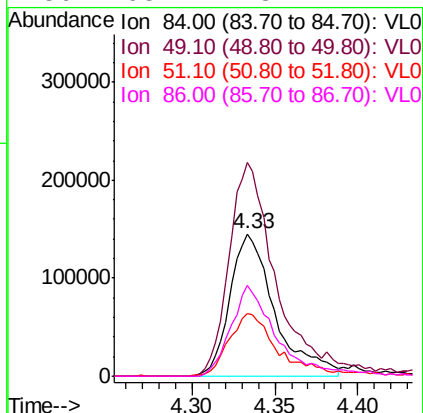
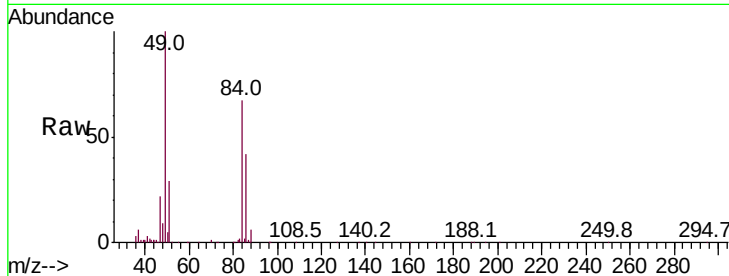
#20
Methylene Chloride
Concen: 3.972 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL037646.D
Acq: 17 Sep 2021 18:01

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tot Ion	84	Resp	273147
Ion	Ratio	Lower	Upper
84	100		
49	149.6	120.0	180.0
51	43.7	38.0	57.0
86	63.1	48.2	72.2

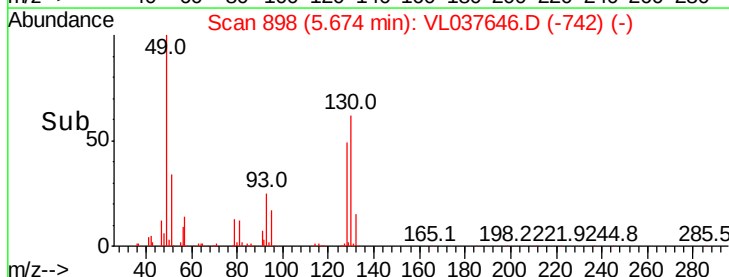
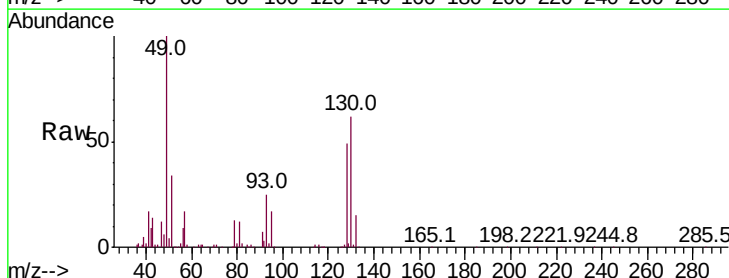
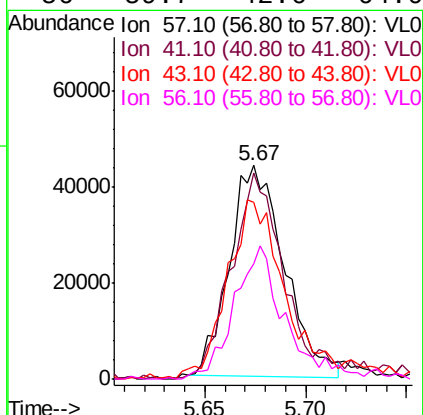
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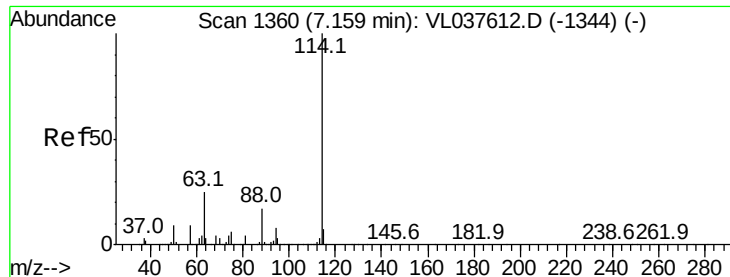
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#26
Hexane
Concen: 0.503 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL037646.D
Acq: 17 Sep 2021 18:01

Tgt Ion	57	Resp	83313
Ion	Ratio	Lower	Upper
57	100		
41	100.6	70.9	106.3
43	98.4	170.4	255.6#
56	59.7	42.6	64.0





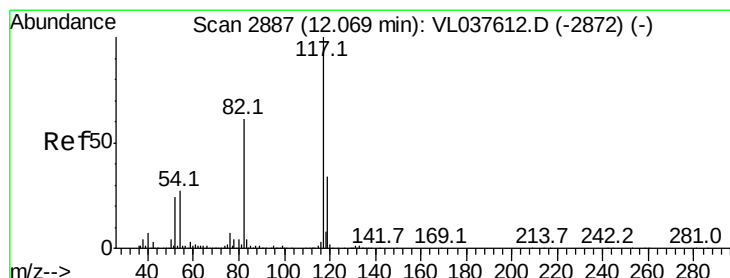
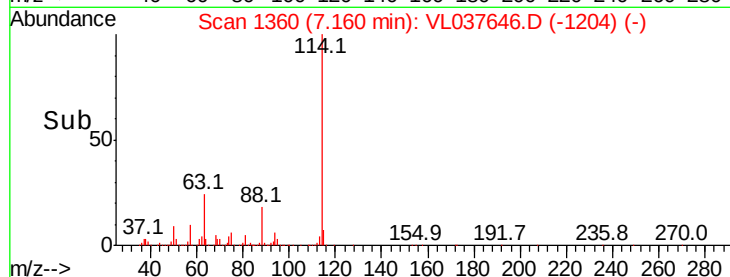
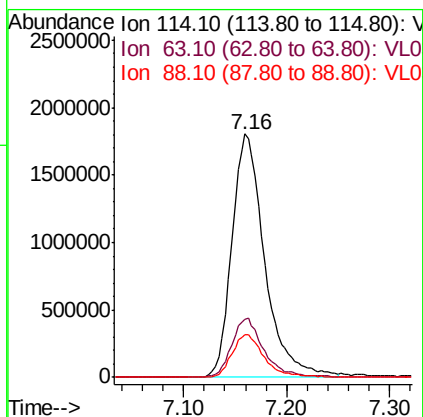
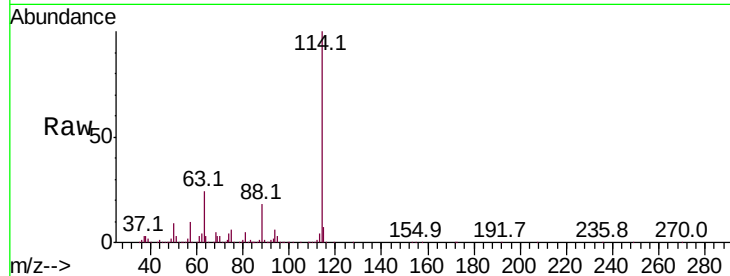
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037646.D
 Acq: 17 Sep 2021 18:01

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.7	14.2	21.4

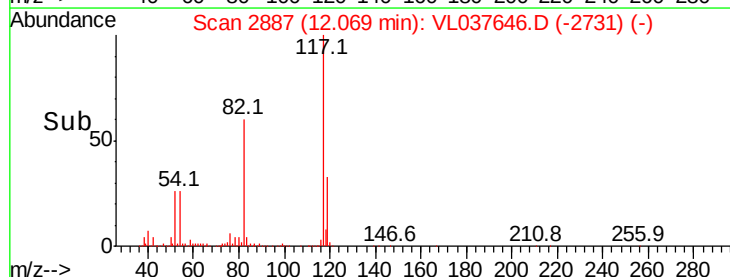
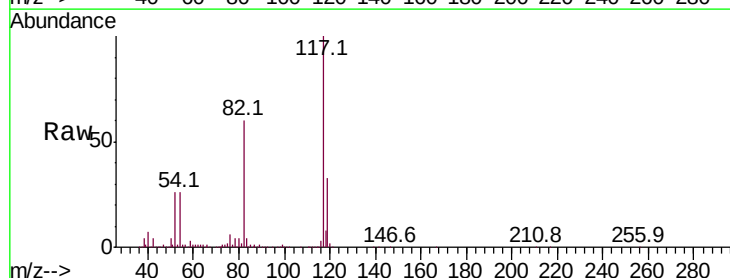
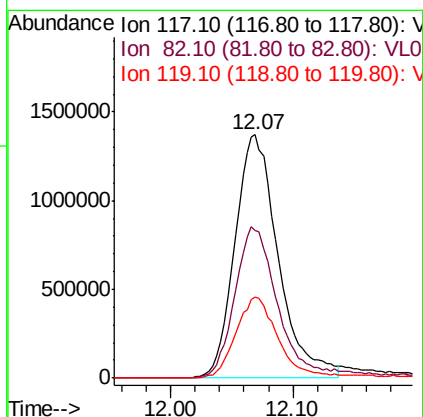
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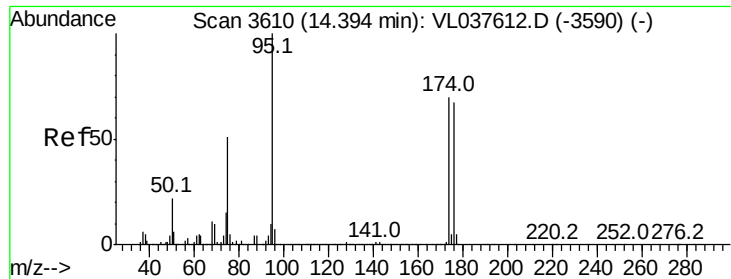
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: VL037646.D
 Acq: 17 Sep 2021 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.2	50.6	75.8
119	34.7	26.2	39.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.701 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VL037646.D
 Acq: 17 Sep 2021 18:01

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	76.6	56.3	84.5
175	5.8	4.4	6.6

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