

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037085.D
 Acq On : 2 Jun 2021 00:54
 Operator : SY/AP
 Sample : M2548-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-3DL

Manual Integrations
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Quant Time: Jun 06 21:27:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1431953	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4387747	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3879850	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2858869	9.81	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	32209m	2.570	ppbv	
15) Acetone	3.84	43	286901	1.956	ppbv #	86
20) Methylene Chloride	4.33	84	152474	1.939	ppbv	96
26) Hexane	5.66	57	130729	0.726	ppbv #	46
53) Toluene	9.79	91	107382m	0.239	ppbv	

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

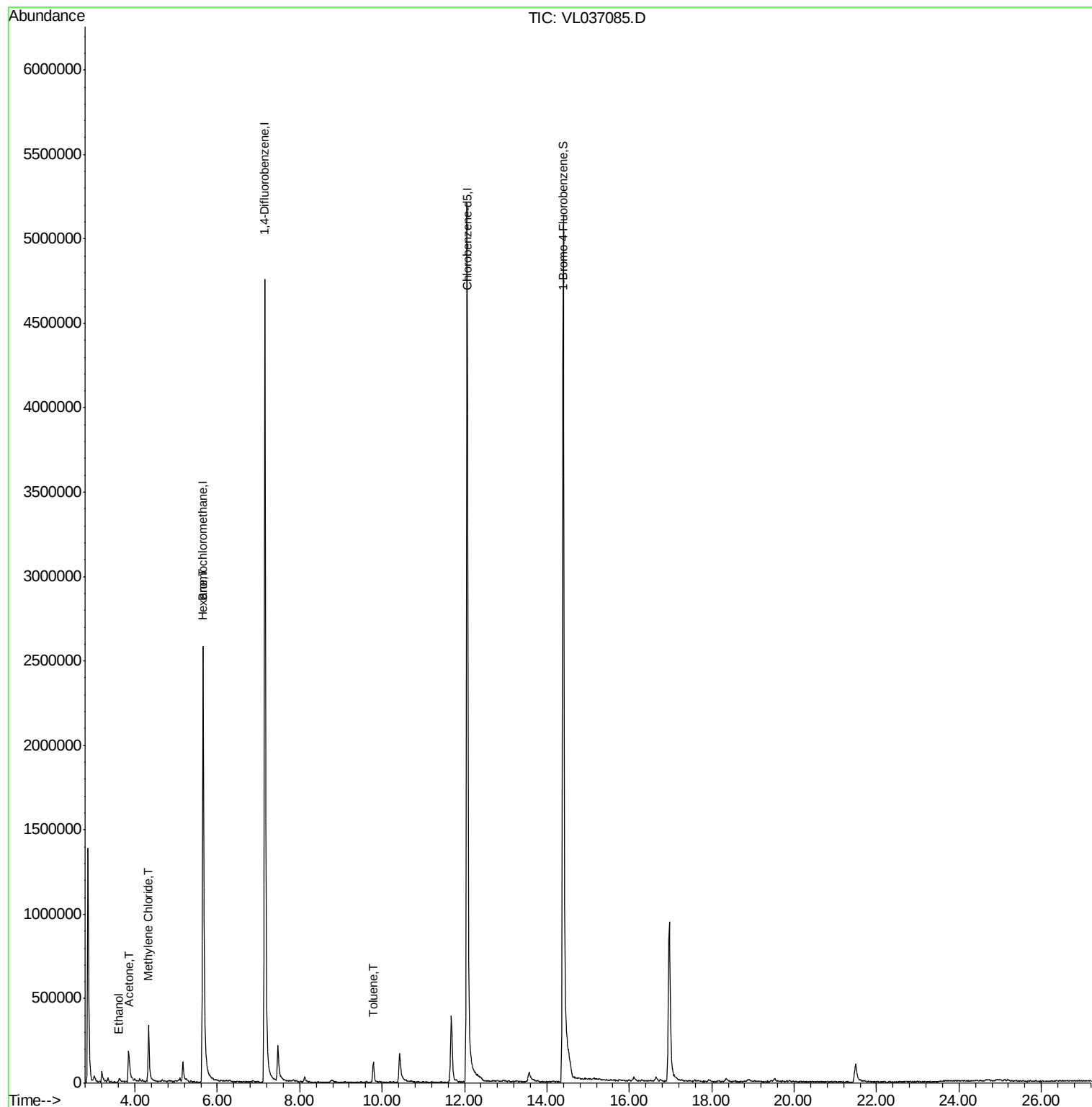
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060121\
Data File : VL037085.D
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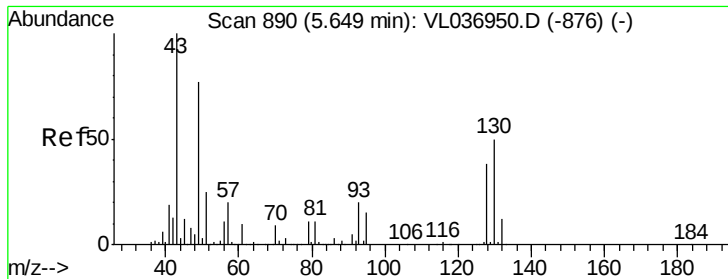
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jun 06 21:27:12 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037085.D

Acq: 2 Jun 2021 00:54

Instrument :

MSVOA_L

ClientSampleId :

AA-3DL

Tot Ion: 49 Resp: 1431953

Ion Ratio Lower Upper

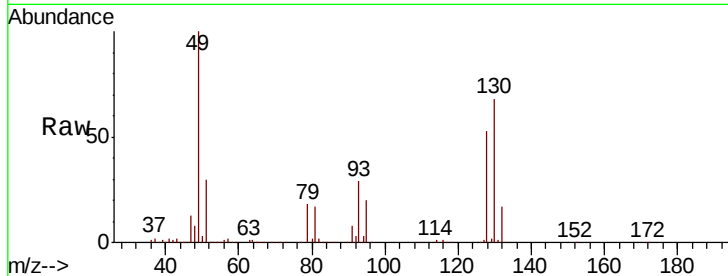
49 100

128 58.6 26.9 80.7

130 75.2 33.8 101.4

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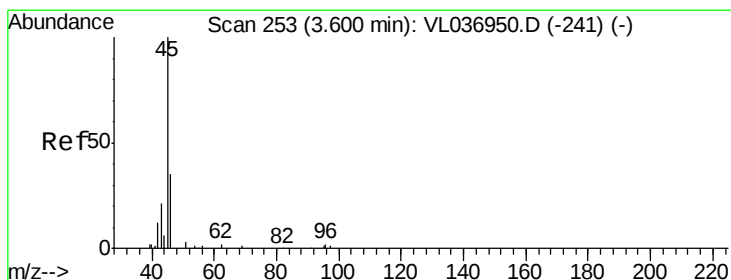
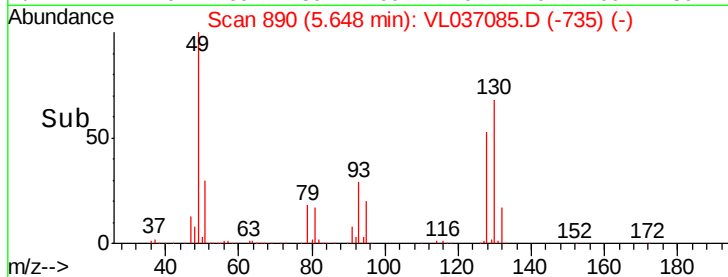
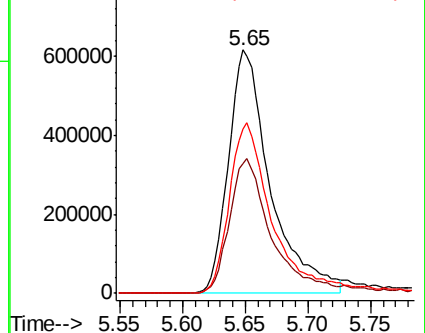
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 2.570 ppbv m

RT: 3.61 min Scan# 256

Delta R.T. 0.01 min

Lab File: VL037085.D

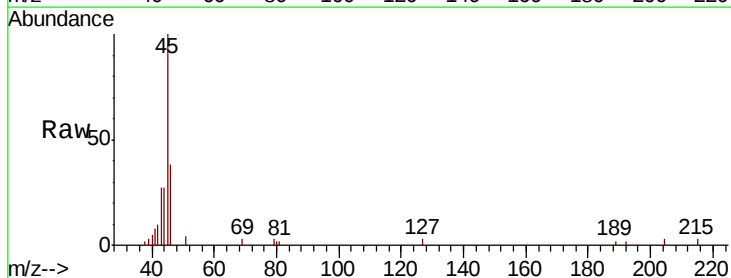
Acq: 2 Jun 2021 00:54

Tgt Ion: 45 Resp: 32209

Ion Ratio Lower Upper

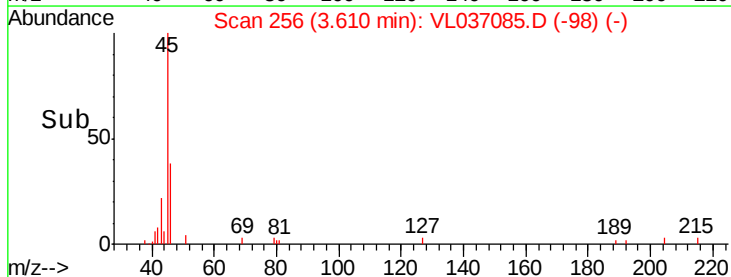
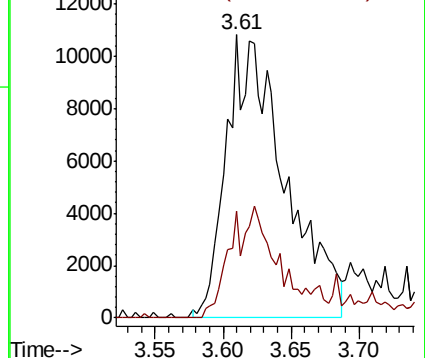
45 100

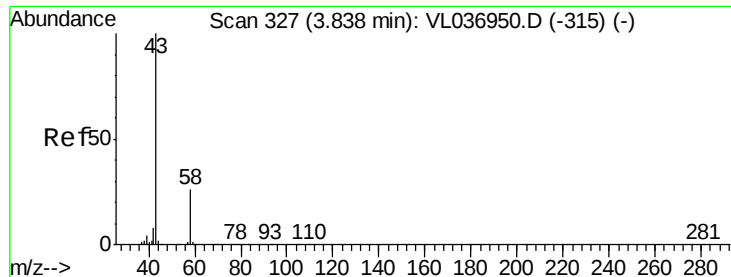
46 0.0 16.3 65.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





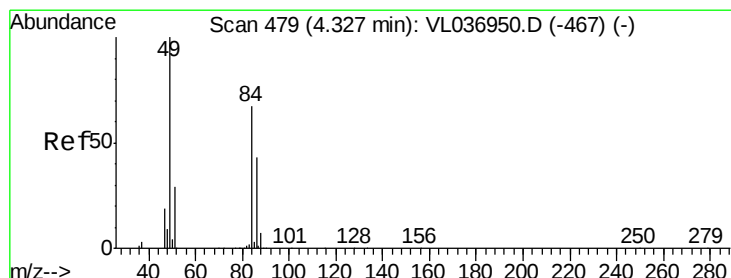
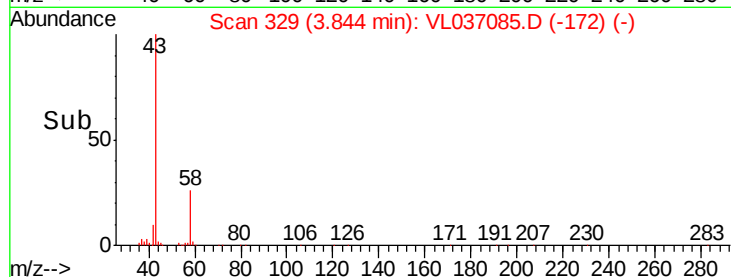
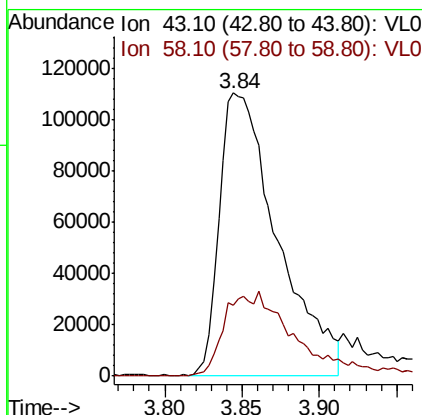
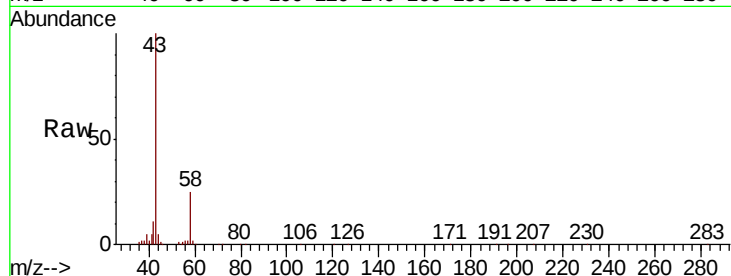
#15
Acetone
Concen: 1.956 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL037085.D
Acq: 2 Jun 2021 00:54

Instrument :
MSVOA_L
ClientSampleId :
AA-3DL

Tot Ion	43	Resp	286901
Ion Ratio	100	Lower	Upper
58	37.5	24.0	36.0#

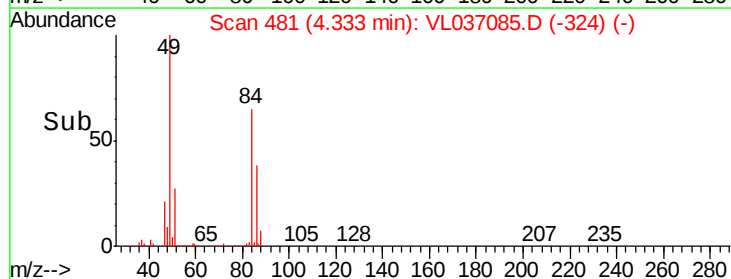
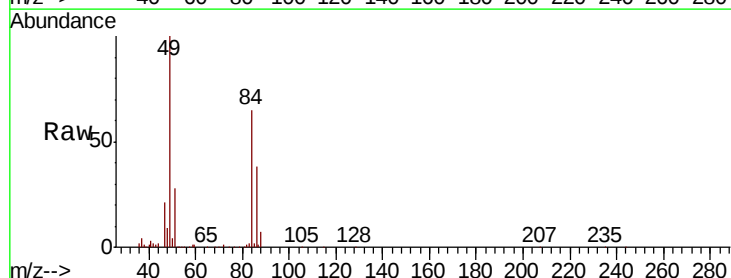
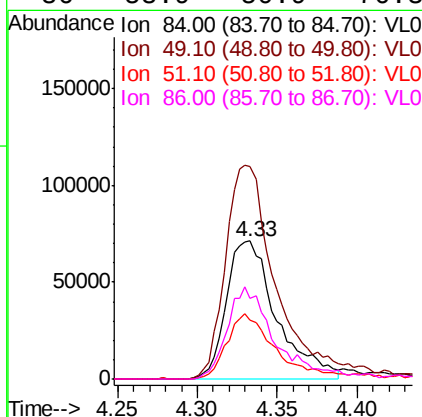
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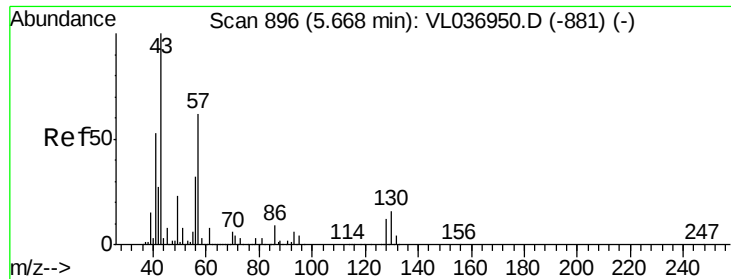
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#20
Methylene Chloride
Concen: 1.939 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL037085.D
Acq: 2 Jun 2021 00:54

Tgt Ion	84	Resp	152474
Ion Ratio	100	Lower	Upper
49	154.7	119.8	179.6
51	42.6	35.1	52.7
86	58.9	50.9	76.3





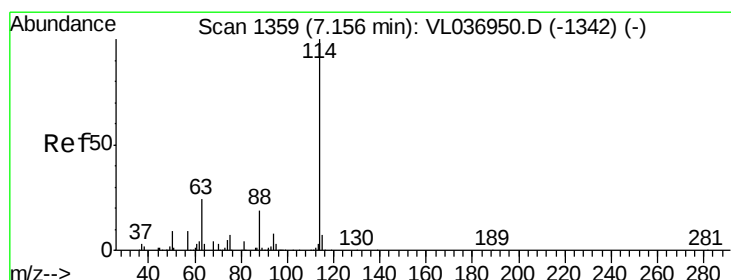
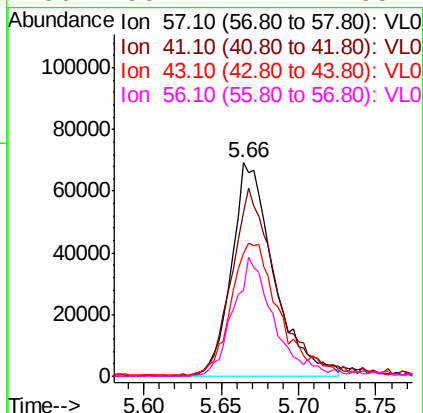
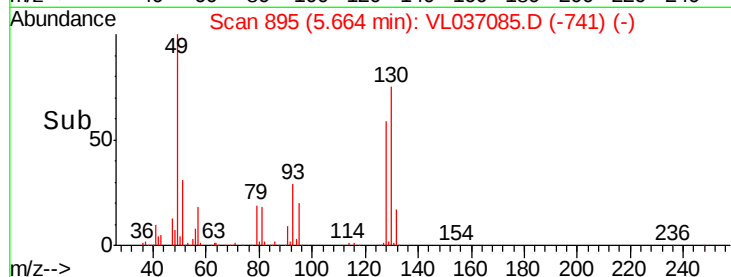
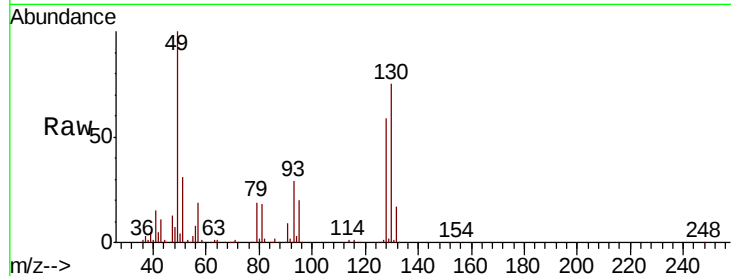
#26
Hexane
Concen: 0.726 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL037085.D
Acq: 2 Jun 2021 00:54

Instrument :
MSVOA_L
ClientSampled :
AA-3DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	97.3	70.5	105.7
43	74.4	165.8	248.8#
56	56.4	42.2	63.4

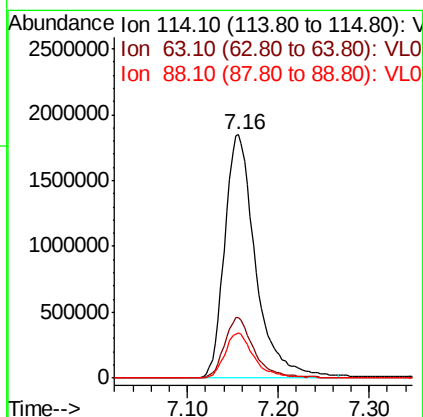
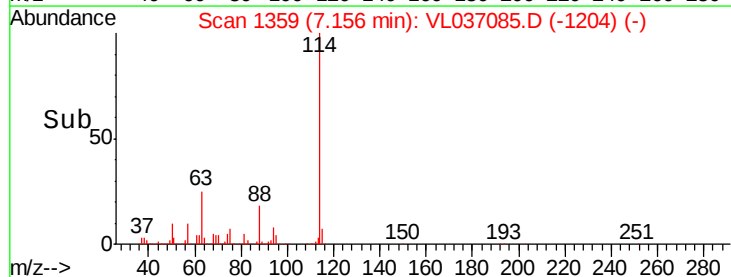
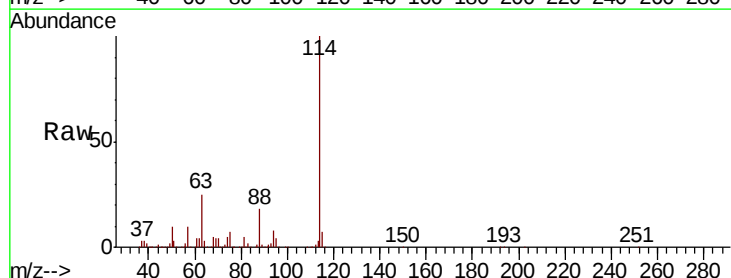
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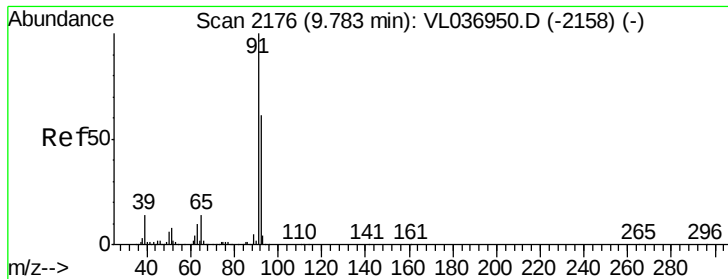
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL037085.D
Acq: 2 Jun 2021 00:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.8	14.6	21.8





#53

Toluene

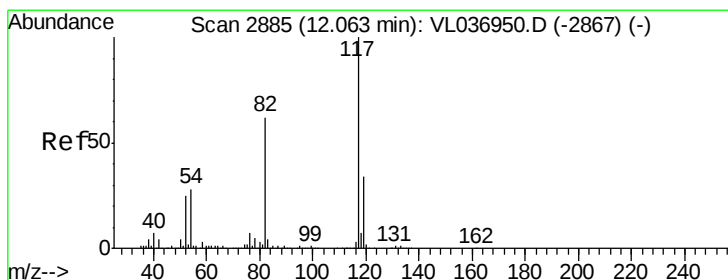
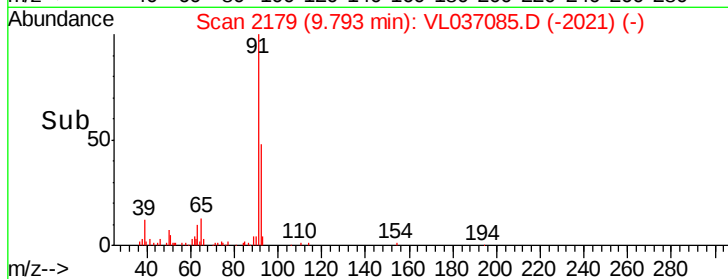
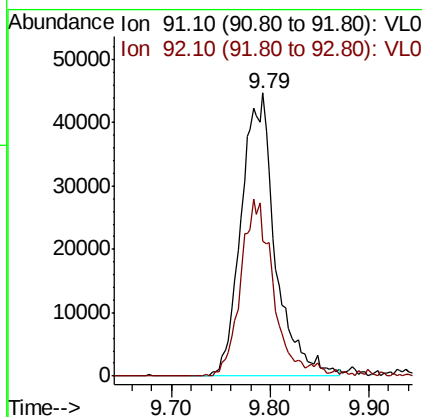
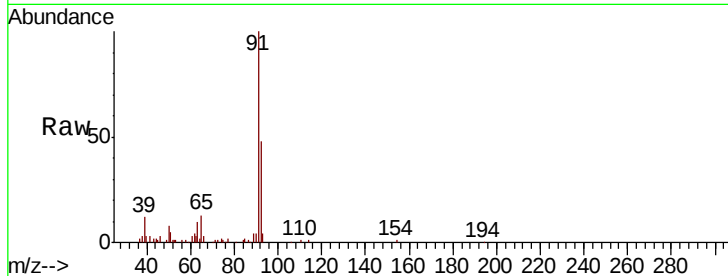
Concen: 0.239 ppbv m
 RT: 9.79 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VL037085.D
 Acq: 2 Jun 2021 00:54

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-3DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.4	49.5	74.3

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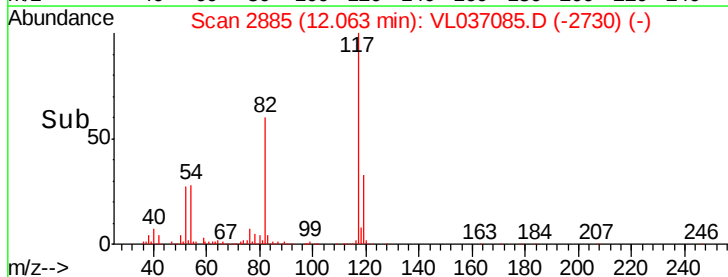
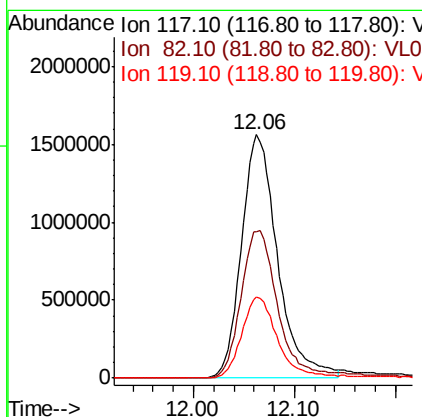
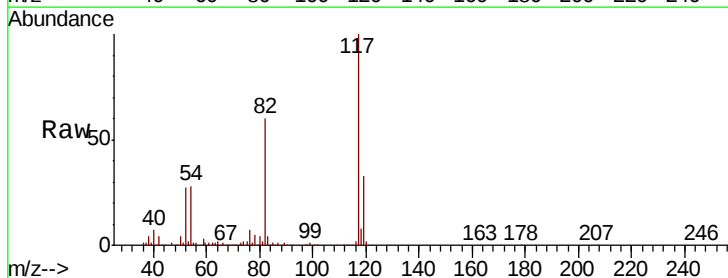


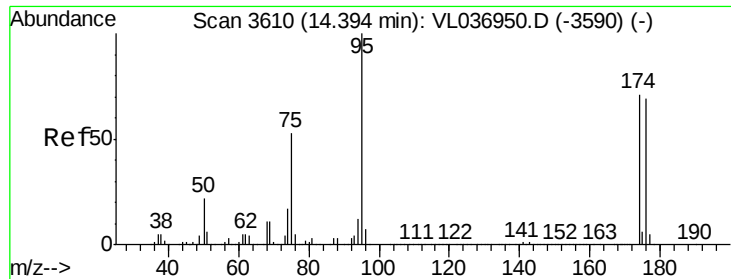
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VL037085.D
 Acq: 2 Jun 2021 00:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.6	52.6	79.0
119	34.7	46.6	70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.809 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VL037085.D
 Acq: 2 Jun 2021 00:54

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-3DL

Tot Ion:	95	Resp:	2858869
Ion	Ratio	Lower	Upper
95	100		
174	76.7	58.4	87.6
175	5.5	4.4	6.6

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