

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037078.D
 Acq On : 1 Jun 2021 20:14
 Operator : SY/AP
 Sample : M2559-04DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG4DL2

Manual Integrations
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Quant Time: Jun 02 04:04:34 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	1498693	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4569890	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4121849	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2961213	9.56	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	13043m	0.133	ppbv	
13) Ethanol	3.63	45	40032m	3.052	ppbv	
15) Acetone	3.85	43	313632	2.043	ppbv	91
20) Methylene Chloride	4.33	84	165811	2.015	ppbv	96
26) Hexane	5.67	57	131883	0.700	ppbv #	46

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

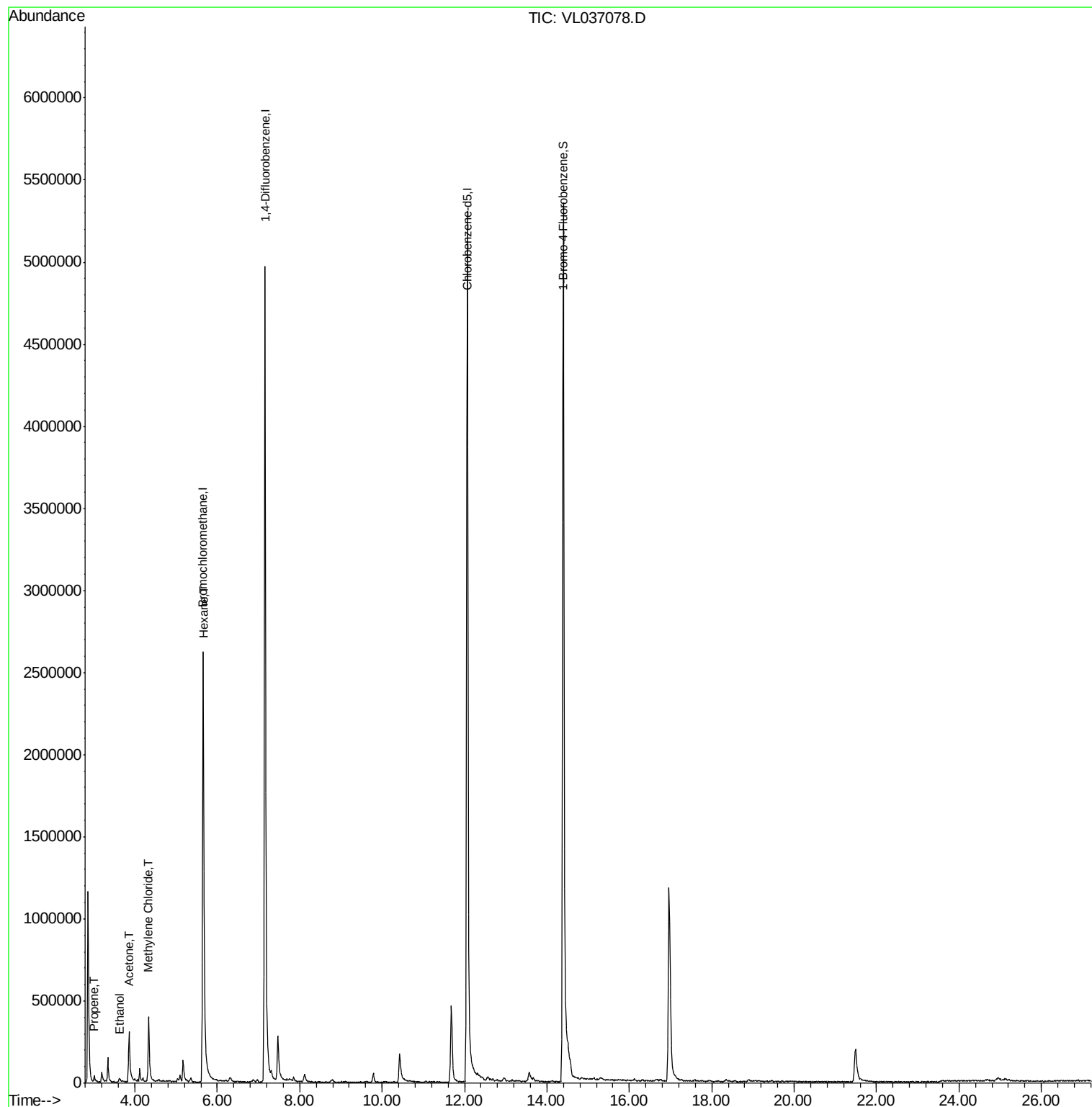
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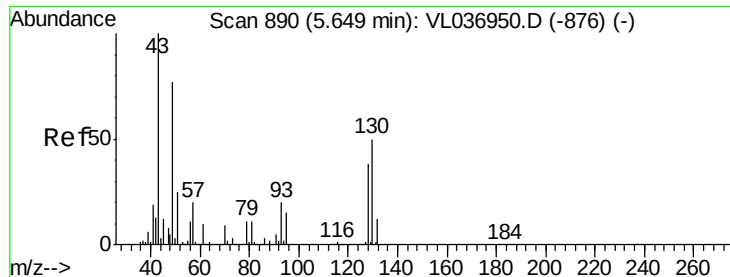
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Quant Time: Jun 02 04:04:34 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037078.D

Acq: 1 Jun 2021 20:14

Instrument :

MSVOA_L

ClientSampleId :

HSG4DL2

Tot Ion: 49 Resp: 1498693

Ion Ratio Lower Upper

49 100

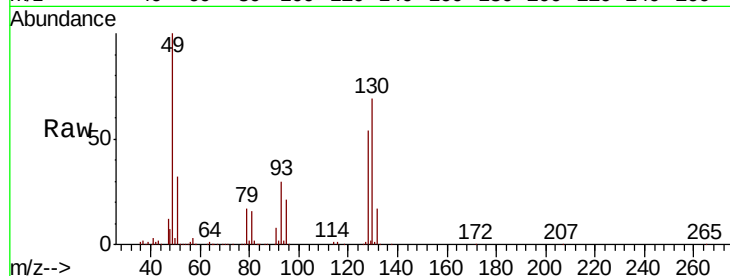
128 57.5 26.9 80.7

130 75.7 33.8 101.4

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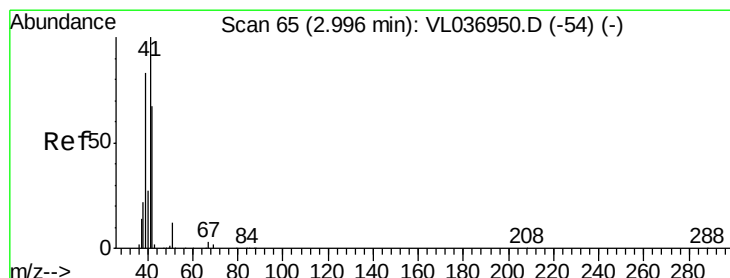
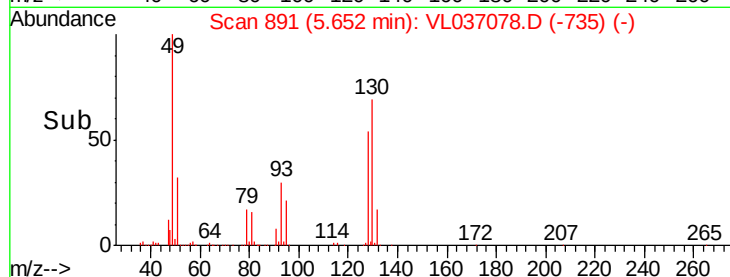
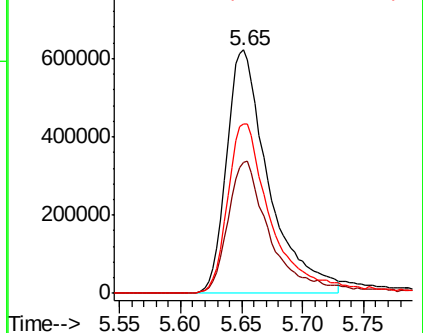
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.133 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL037078.D

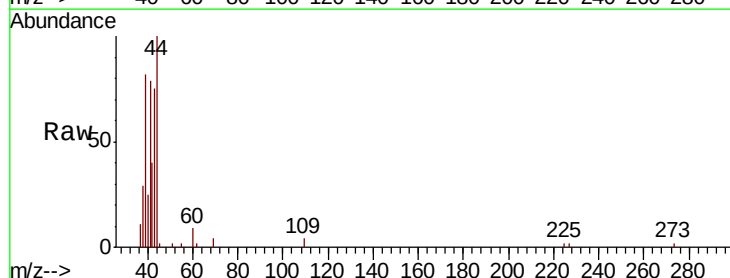
Acq: 1 Jun 2021 20:14

Tgt Ion: 41 Resp: 13043

Ion Ratio Lower Upper

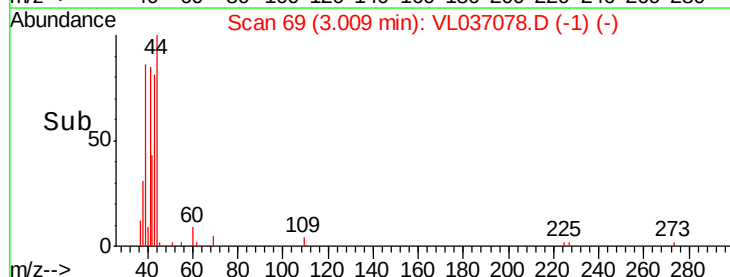
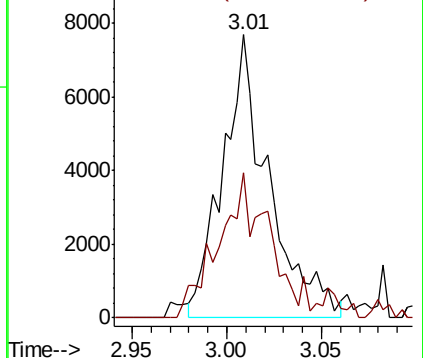
41 100

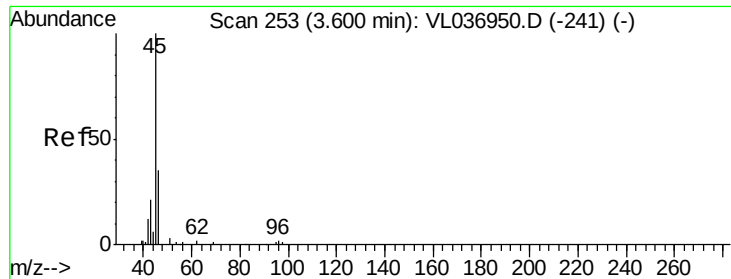
42 0.0 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





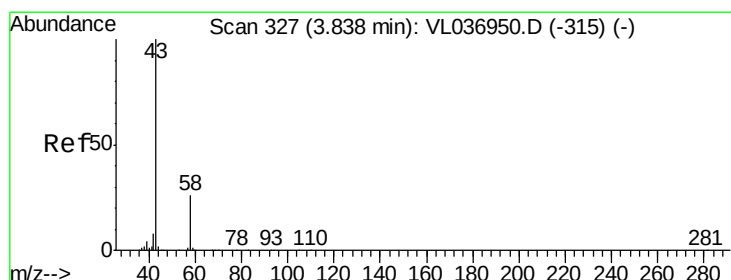
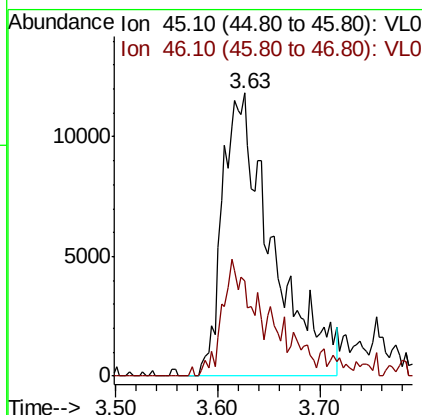
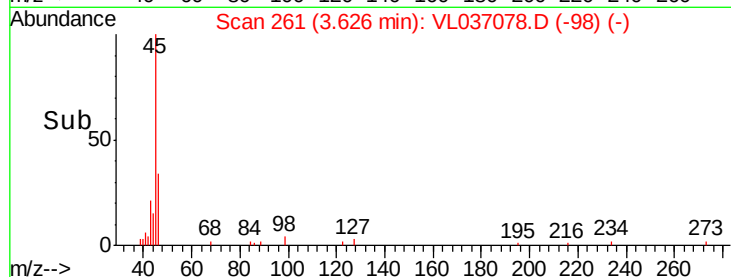
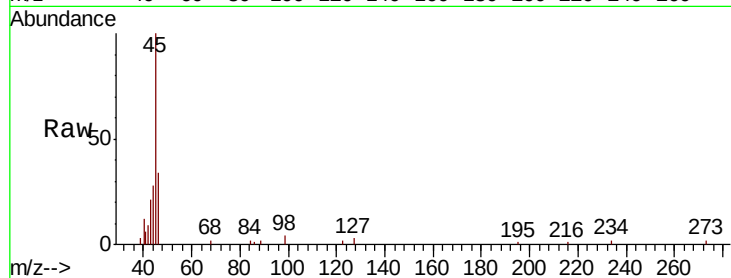
#13
Ethanol
Concen: 3.052 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.03 min
Lab File: VL037078.D
Acq: 1 Jun 2021 20:14

Instrument :
MSVOA_L
ClientSampled :
HSG4DL2

Tot Ion	45	Resp	40032
Ion Ratio	100	Lower	Upper
45	100		
46	41.5	16.3	65.3

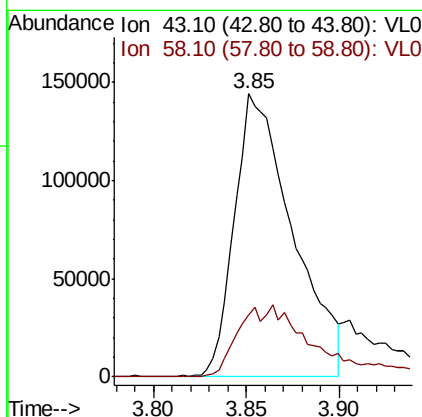
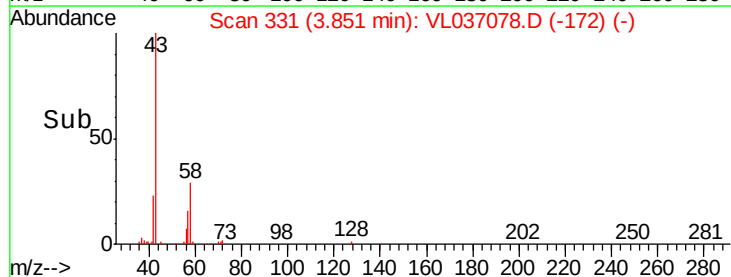
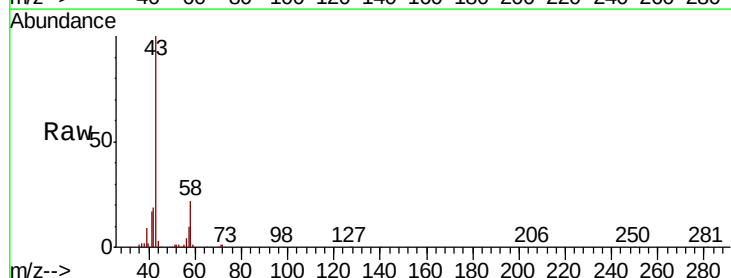
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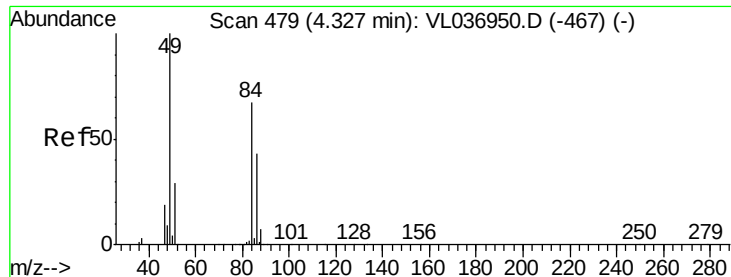
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#15
Acetone
Concen: 2.043 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL037078.D
Acq: 1 Jun 2021 20:14

Tgt Ion	43	Resp	313632
Ion Ratio	100	Lower	Upper
43	100		
58	35.0	24.0	36.0





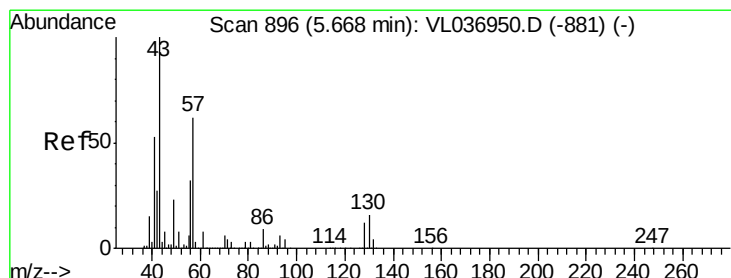
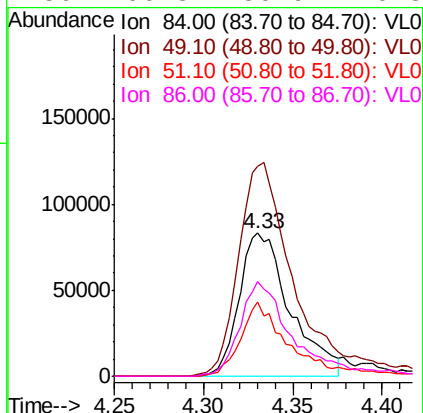
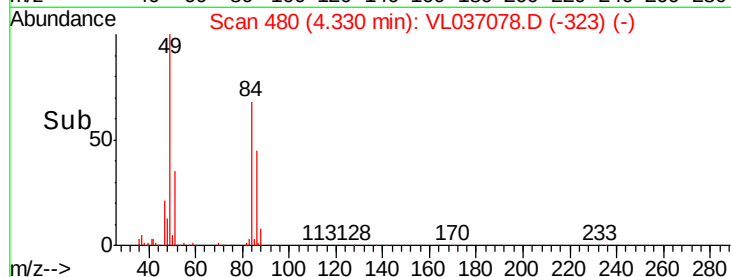
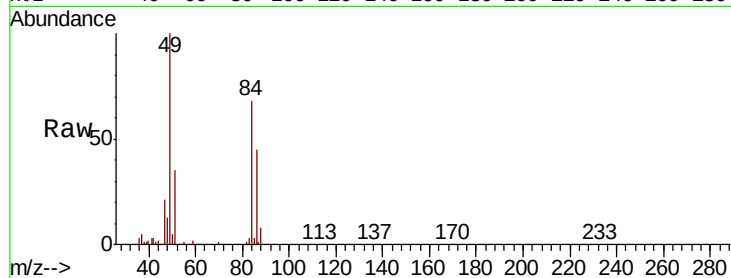
#20
Methvlene Chloride
Concen: 2.015 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL037078.D
Acq: 1 Jun 2021 20:14

Instrument :
MSVOA_L
ClientSampleId :
HSG4DL2

Tot Ion:	84	Resp:	165811
Ion	Ratio	Lower	Upper
84	100		
49	147.2	119.8	179.6
51	51.5	35.1	52.7
86	66.3	50.9	76.3

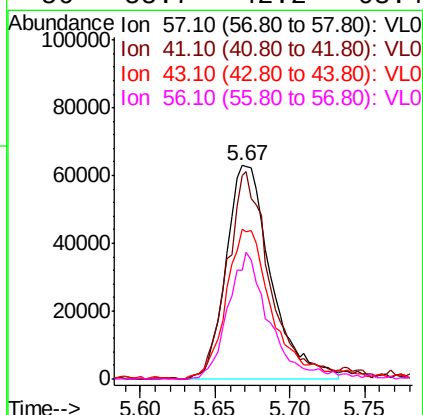
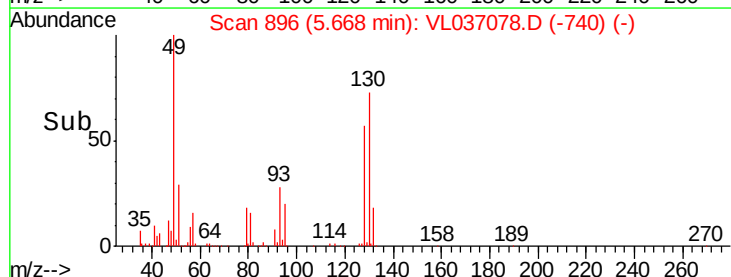
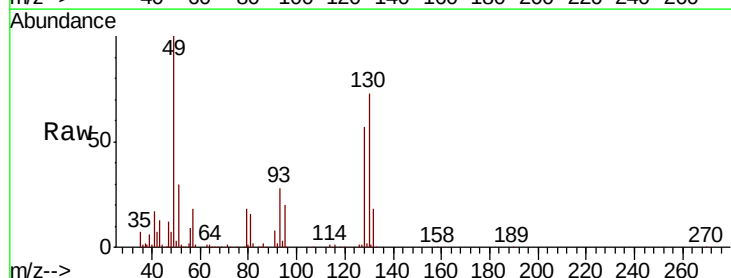
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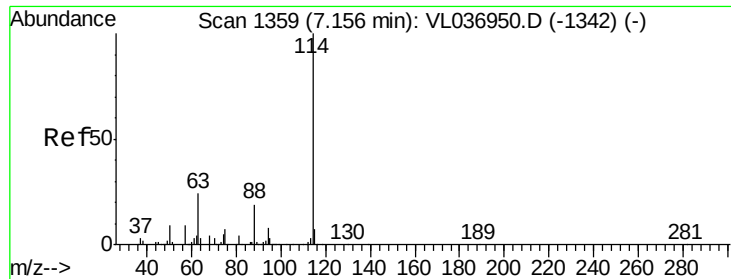
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#26
Hexane
Concen: 0.700 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL037078.D
Acq: 1 Jun 2021 20:14

Tgt Ion:	57	Resp:	131883
Ion	Ratio	Lower	Upper
57	100		
41	97.5	70.5	105.7
43	75.3	165.8	248.8#
56	55.7	42.2	63.4





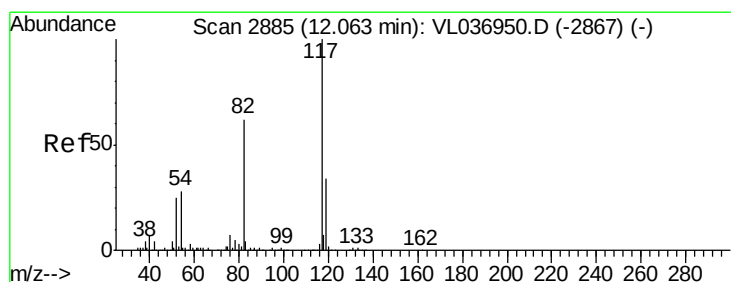
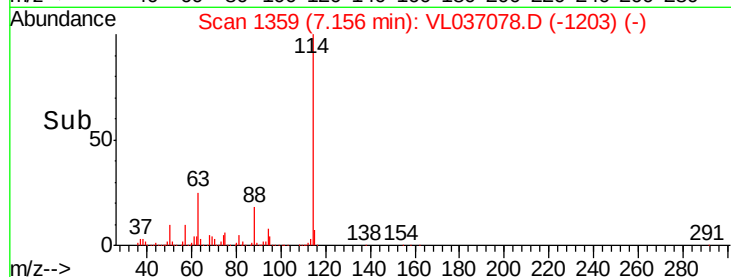
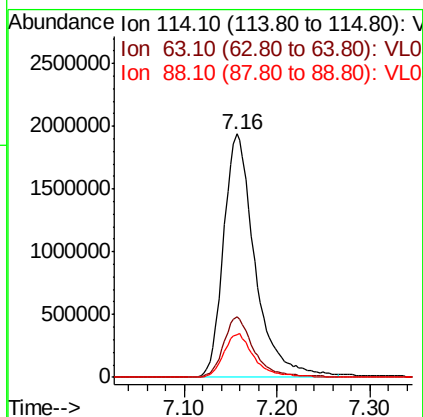
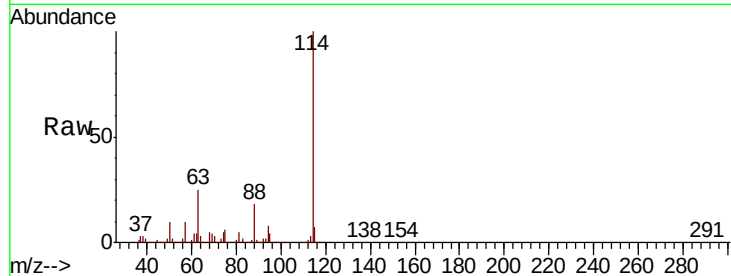
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL037078.D
 Acq: 1 Jun 2021 20:14

Instrument :
 MSVOA_L
 ClientSampled :
 HSG4DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.6	29.4
88	17.7	14.6	21.8

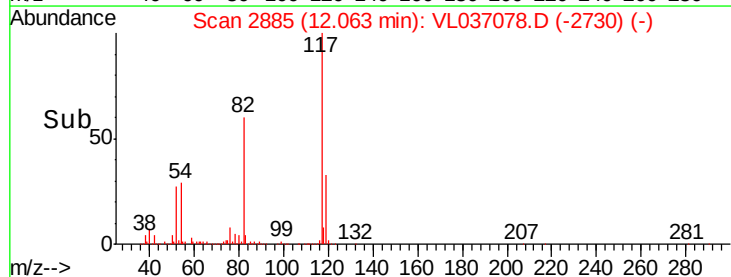
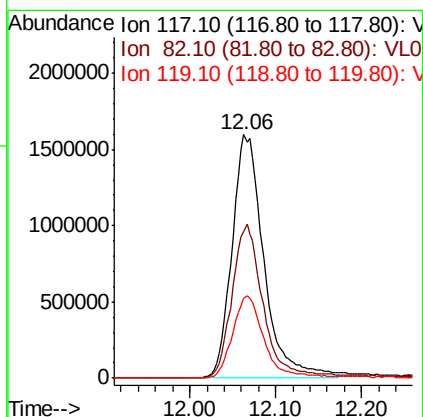
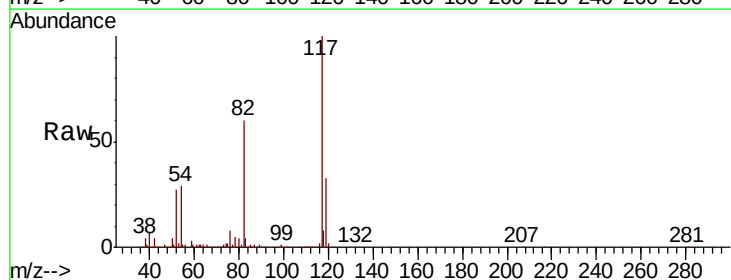
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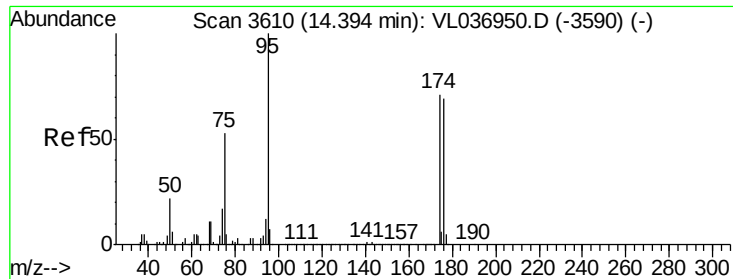
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VL037078.D
 Acq: 1 Jun 2021 20:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.7	52.6	79.0
119	34.6	46.6	70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.563 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VL037078.D
 Acq: 1 Jun 2021 20:14

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG4DL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.2	58.4	87.6
175	5.6	4.4	6.6

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