

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037115.D
 Acq On : 3 Jun 2021 00:12
 Operator : SY/AP
 Sample : M2548-14DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-5ADL

Manual Integrations
 APPROVED

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Quant Time: Jun 06 20:26:06 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	1338654	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4104557	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3632885	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2673718	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	205690	17.555	ppbv	96
15) Acetone	3.84	43	381210	2.780	ppbv	90
19) Isopropyl Alcohol	3.99	45	20516m	0.278	ppbv	
20) Methylene Chloride	4.33	84	173707	2.363	ppbv	98
26) Hexane	5.67	57	116251	0.691	ppbv #	46

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

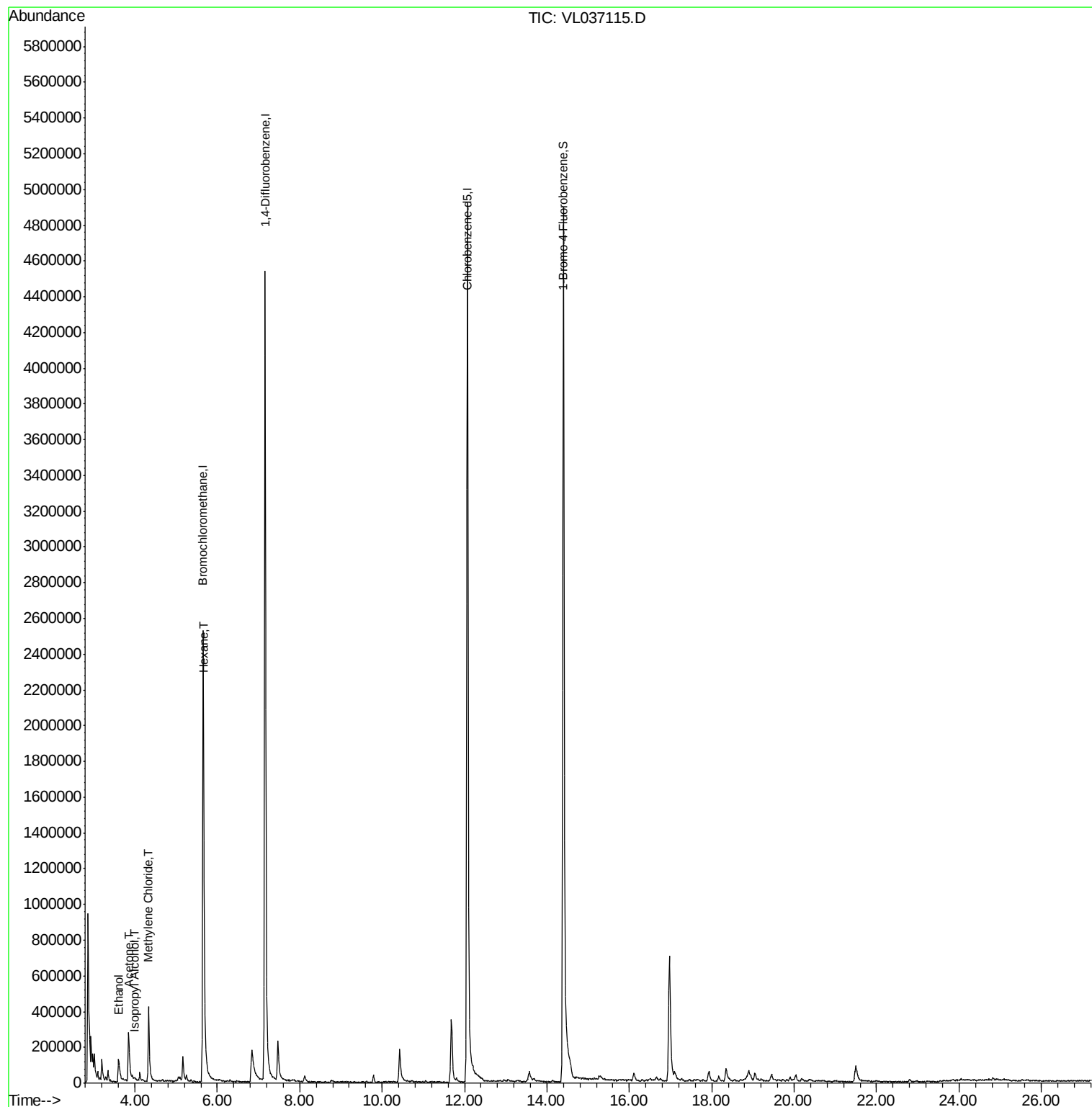
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
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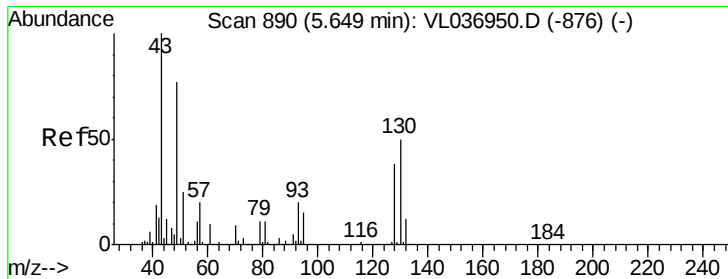
Instrument :
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Quant Time: Jun 06 20:26:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.01 min

Lab File: VL037115.D

Acq: 3 Jun 2021 00:12

Instrument :

MSVOA_L

ClientSampled :

SGS-5ADL

Tot Ion: 49 Resp: 1338654

Ion Ratio Lower Upper

49 100

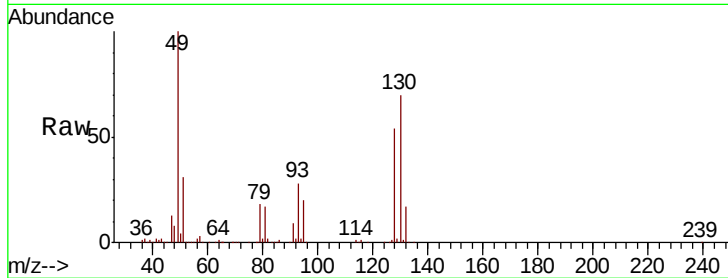
128 58.8 26.9 80.7

130 76.2 33.8 101.4

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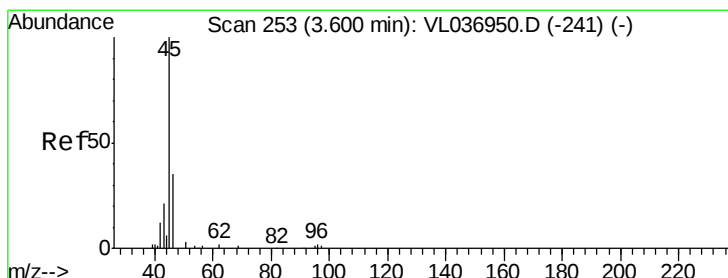
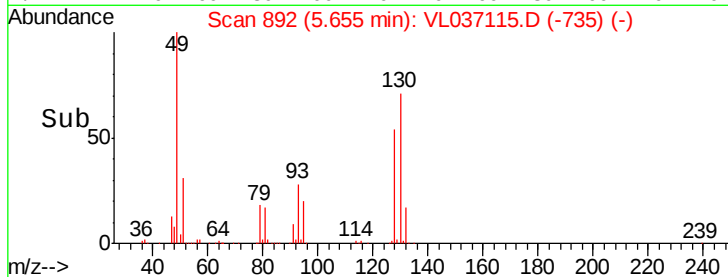
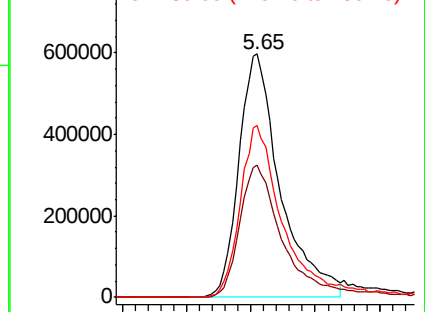
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 17.555 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.01 min

Lab File: VL037115.D

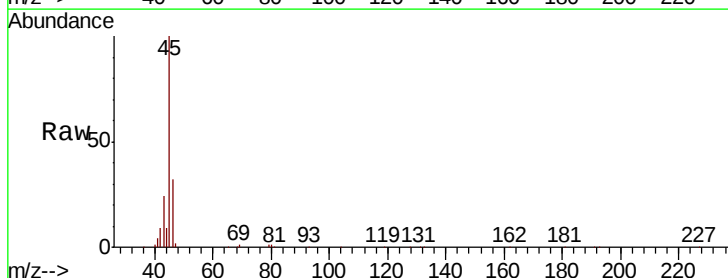
Acq: 3 Jun 2021 00:12

Tgt Ion: 45 Resp: 205690

Ion Ratio Lower Upper

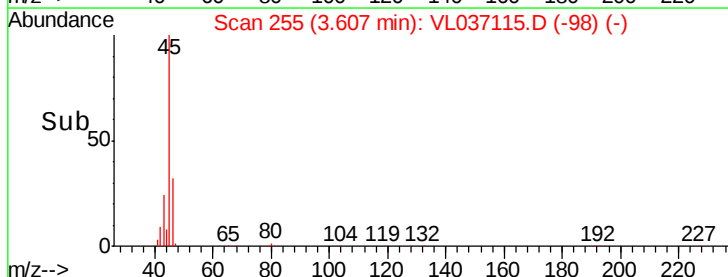
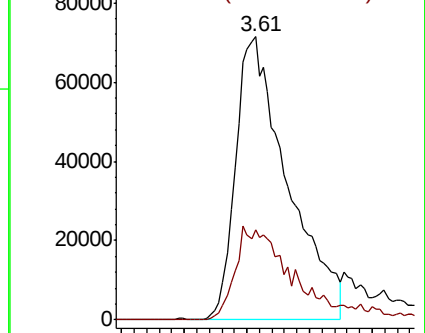
45 100

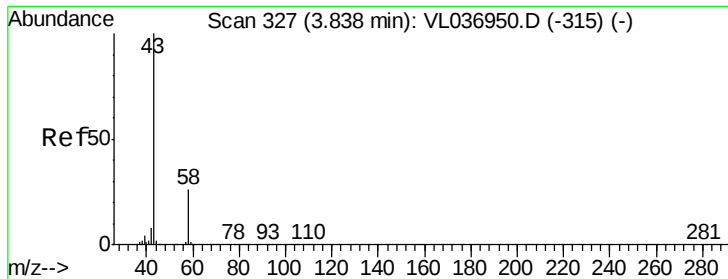
46 38.2 16.3 65.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 2.780 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL037115.D

Acq: 3 Jun 2021 00:12

Instrument :

MSVOA_L

ClientSampleId :

SGS-5ADL

Tot Ion: 43 Resp: 381210

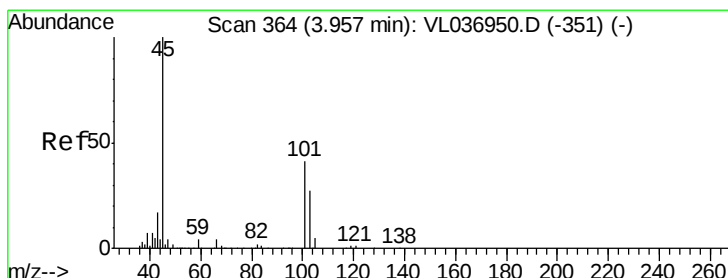
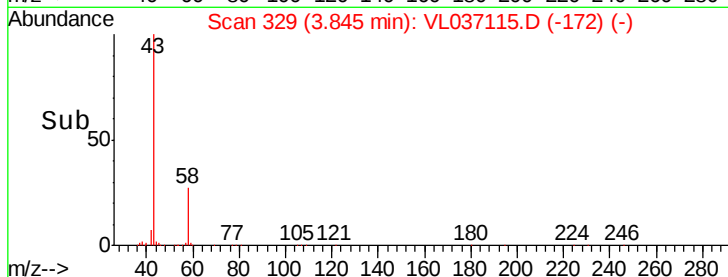
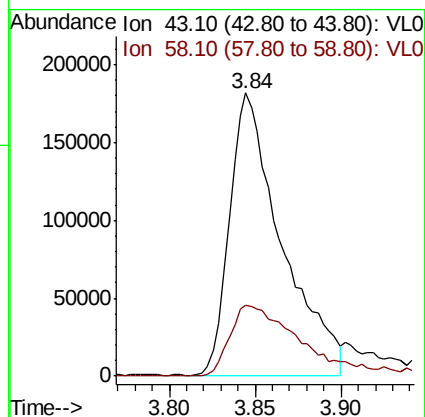
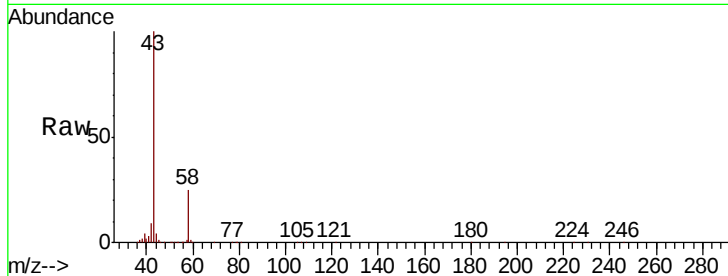
Ion Ratio Lower Upper

43 100

58 35.4 24.0 36.0

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#19

Isopropyl Alcohol

Concen: 0.278 ppbv m

RT: 3.99 min Scan# 373

Delta R.T. 0.03 min

Lab File: VL037115.D

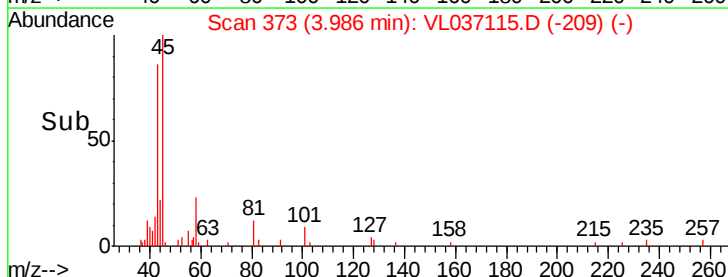
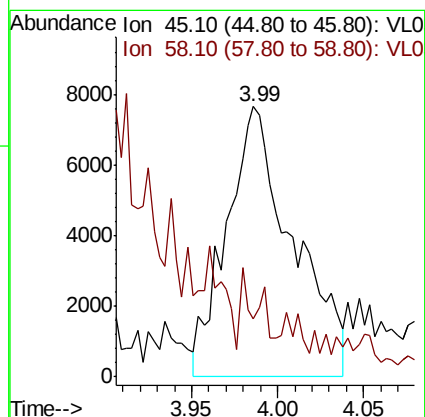
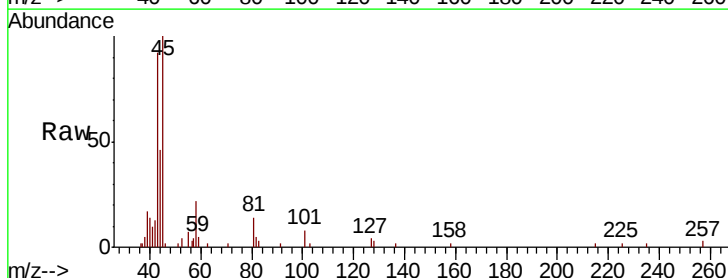
Acq: 3 Jun 2021 00:12

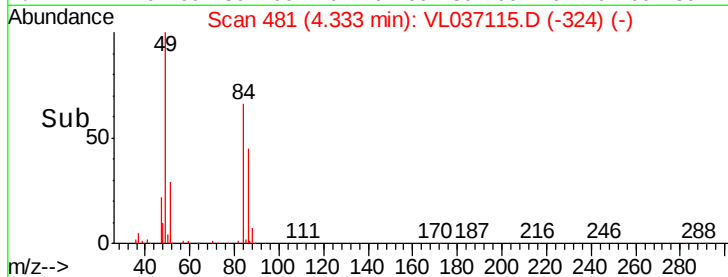
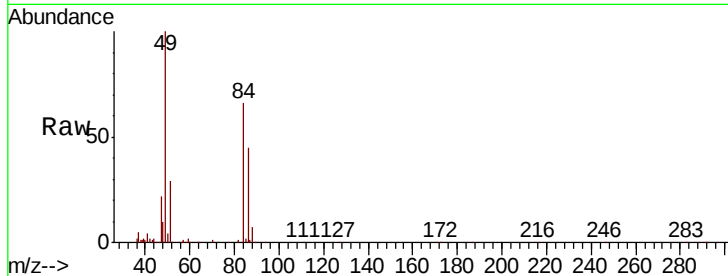
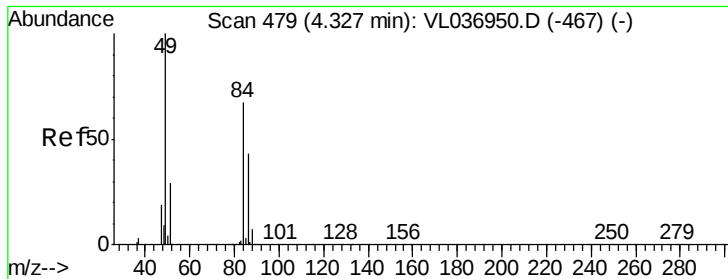
Tgt Ion: 45 Resp: 20516

Ion Ratio Lower Upper

45 100

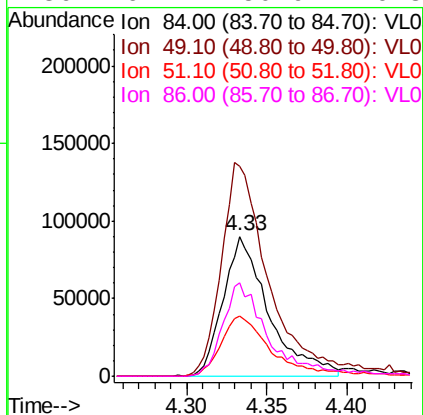
58 0.0 37.2 55.8#





#20
Methvlene Chloride
Concen: 2.363 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL037115.D
Acq: 3 Jun 2021 00:12

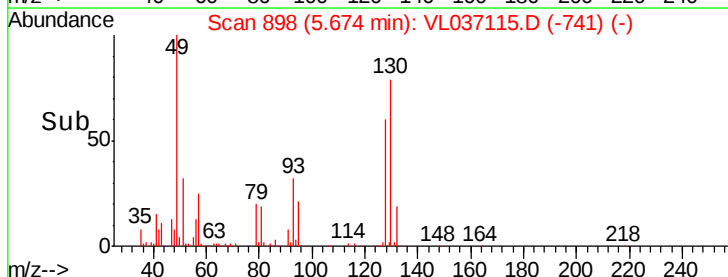
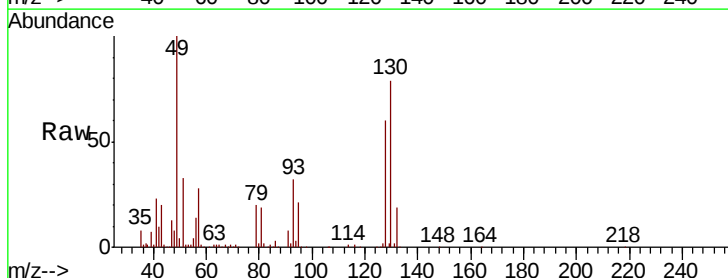
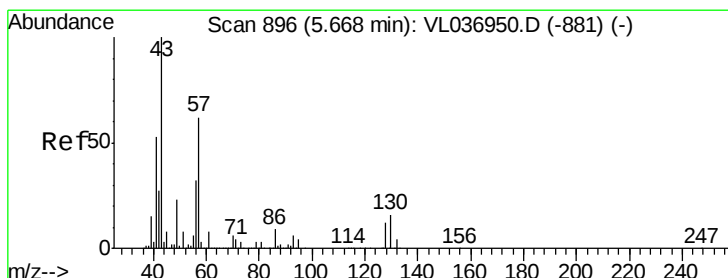
Tot Ion	84	Resp	173707
Ion Ratio	Lower	Upper	
84	100		
49	150.3	119.8	179.6
51	42.9	35.1	52.7
86	67.2	50.9	76.3



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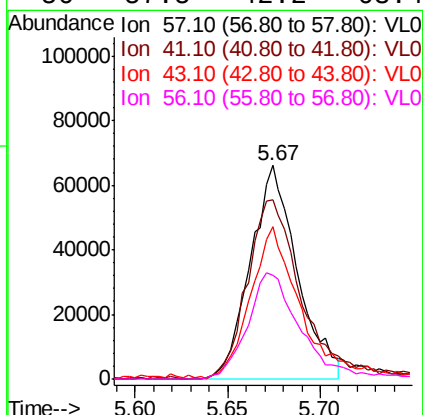
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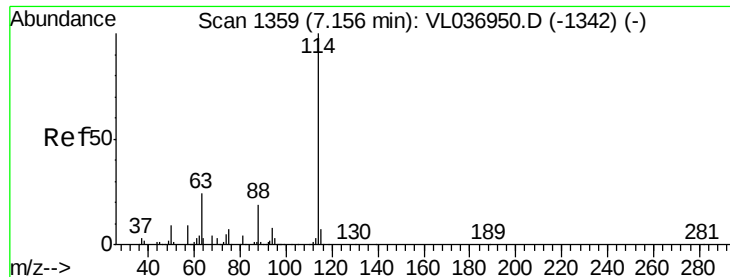
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#26
Hexane
Concen: 0.691 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL037115.D
Acq: 3 Jun 2021 00:12

Tgt Ion	57	Resp	116251
Ion Ratio	Lower	Upper	
57	100		
41	100.5	70.5	105.7
43	77.8	165.8	248.8#
56	57.5	42.2	63.4





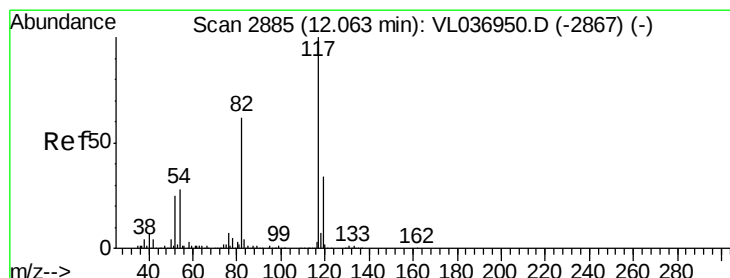
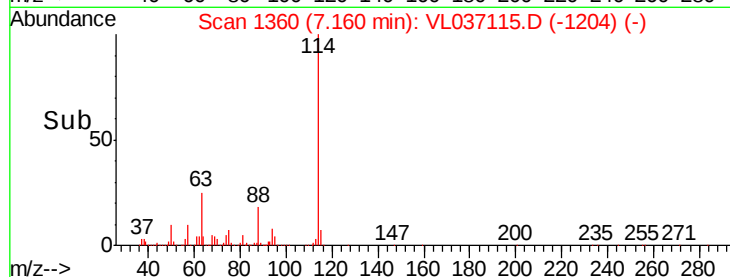
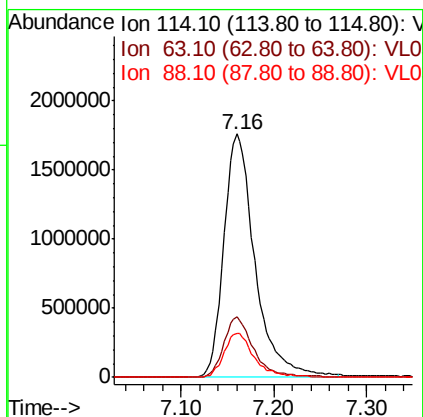
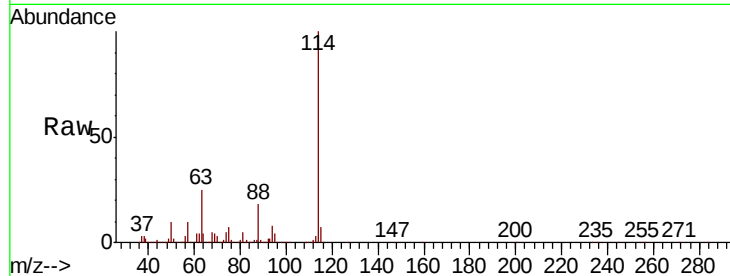
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037115.D
 Acq: 3 Jun 2021 00:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-5ADL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.9	14.6	21.8

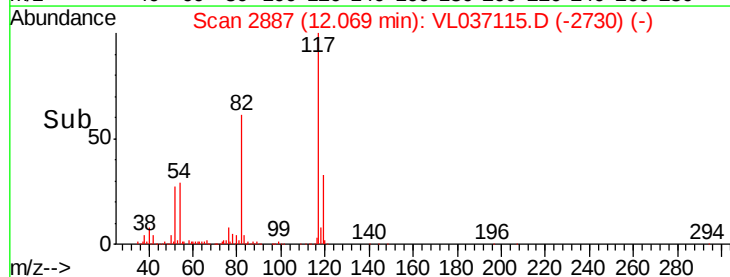
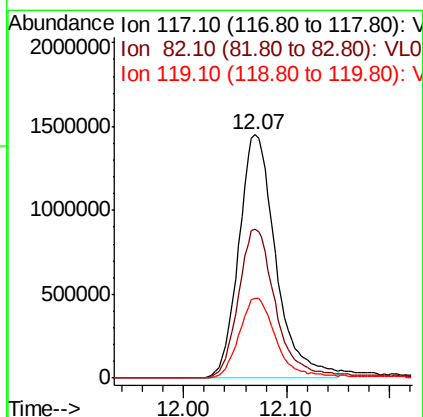
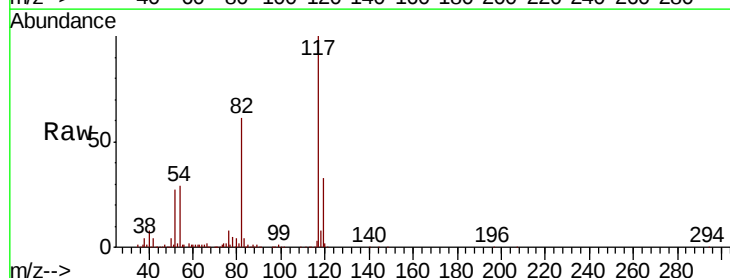
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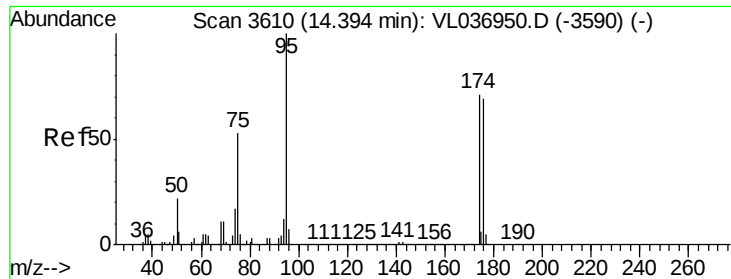
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2887
 Delta R.T. 0.01 min
 Lab File: VL037115.D
 Acq: 3 Jun 2021 00:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.7	52.6	79.0
119	34.3	46.6	70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.797 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. 0.01 min
 Lab File: VL037115.D
 Acq: 3 Jun 2021 00:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-5ADL

Tot Ion	Ratio	Lower	Upper
95	100		
174	75.2	58.4	87.6
175	5.7	4.4	6.6

Manual Integrations
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