

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036578.D
 Acq On : 30 Mar 2021 20:34
 Operator : SY/AP
 Sample : M1797-06DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-08(2021)DL

Manual Integrations
 APPROVED

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 4/1/2021 10:58:55 AM

Quant Time: Mar 31 21:10:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1385067	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3369243	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3017820	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2367074	9.84	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	341613m	34.773	ppbv	
15) Acetone	3.84	43	549175	4.028	ppbv	90
19) Isopropyl Alcohol	3.96	45	64228m	0.856	ppbv	
20) Methylene Chloride	4.33	84	97331m	1.525	ppbv	
26) Hexane	5.67	57	134210m	0.892	ppbv	

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

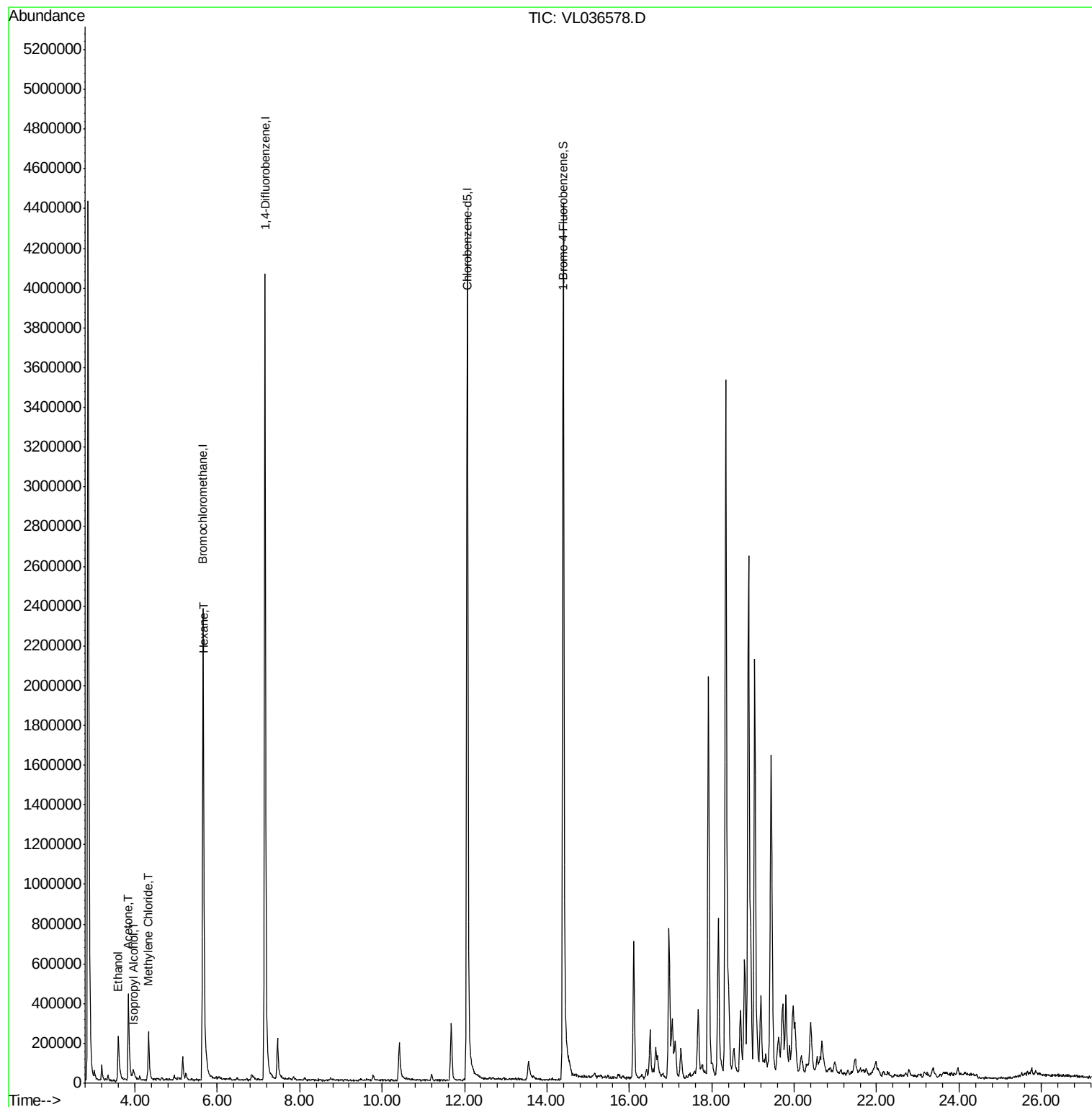
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
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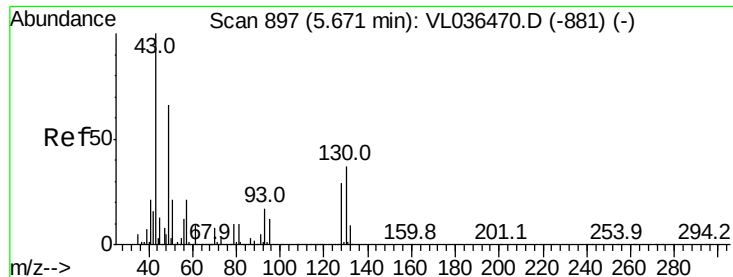
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL036578.D

Acq: 30 Mar 2021 20:34

Instrument :

MSVOA_L

ClientSampleId :

MF-SG-08(2021)DL

Tot Ion: 49 Resp: 1385067

Ion Ratio Lower Upper

49 100

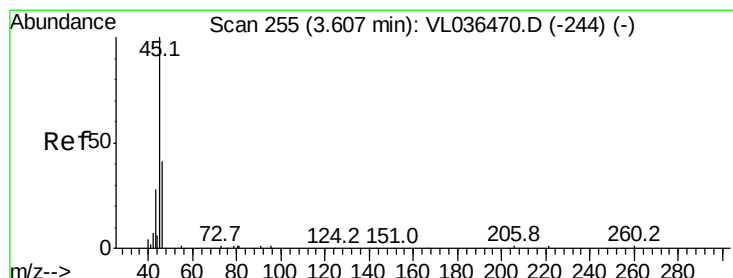
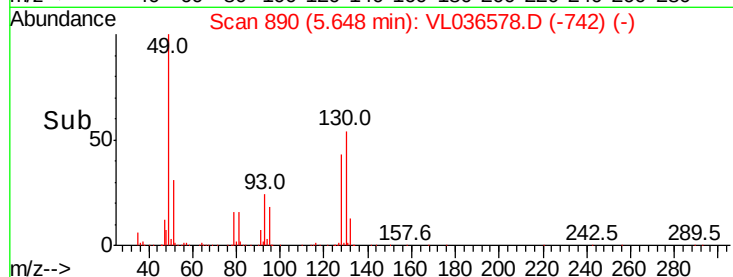
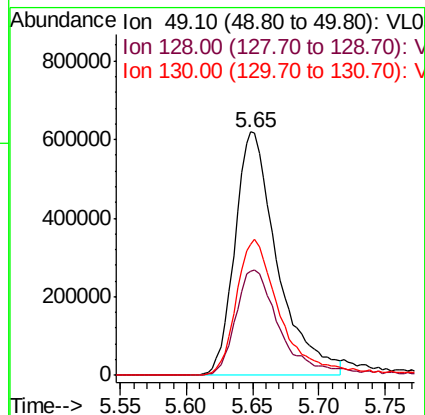
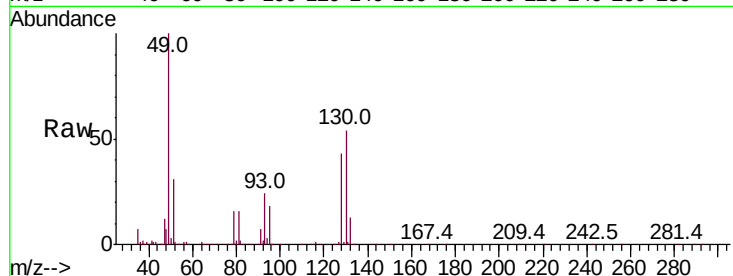
128 46.8 23.5 70.6

130 59.7 29.1 87.4

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#13

Ethanol

Concen: 34.773 ppbv m

RT: 3.59 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL036578.D

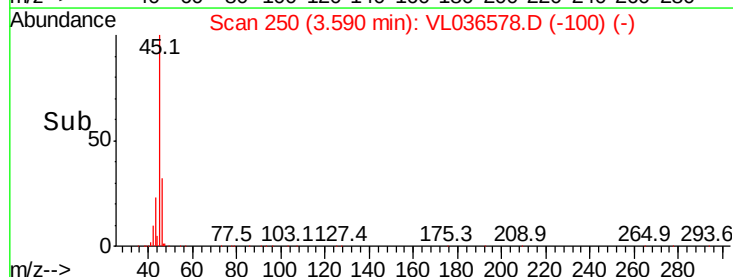
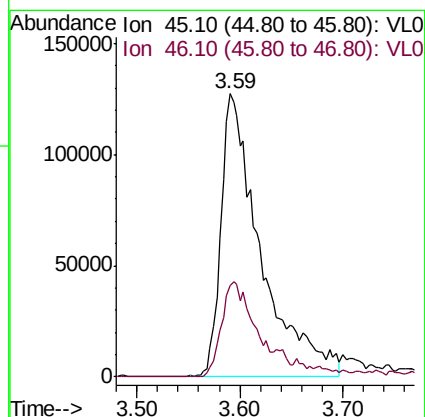
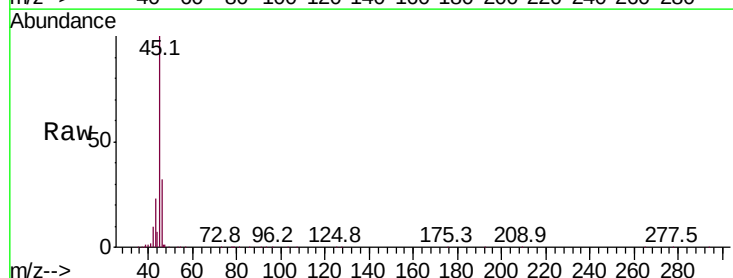
Acq: 30 Mar 2021 20:34

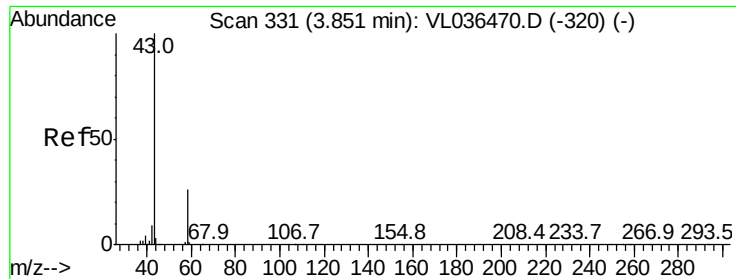
Tgt Ion: 45 Resp: 341613

Ion Ratio Lower Upper

45 100

46 35.6 16.6 66.2





#15

Acetone

Concen: 4.028 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.01 min

Lab File: VL036578.D

Acq: 30 Mar 2021 20:34

Instrument :

MSVOA_L

ClientSampleId :

MF-SG-08(2021)DL

Tot Ion: 43 Resp: 549175

Ion Ratio Lower Upper

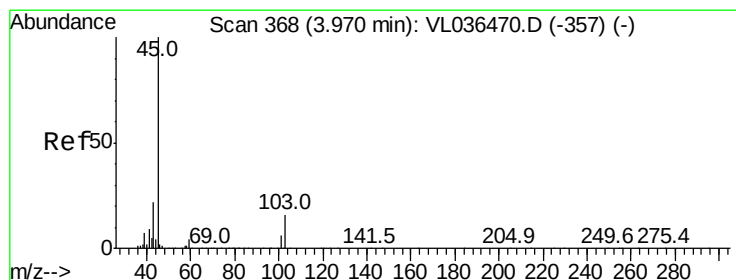
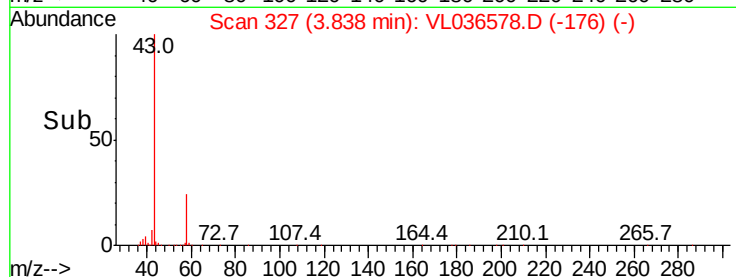
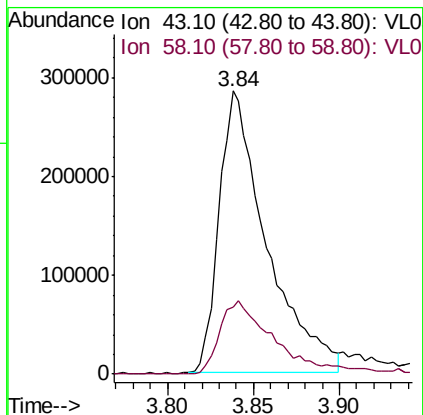
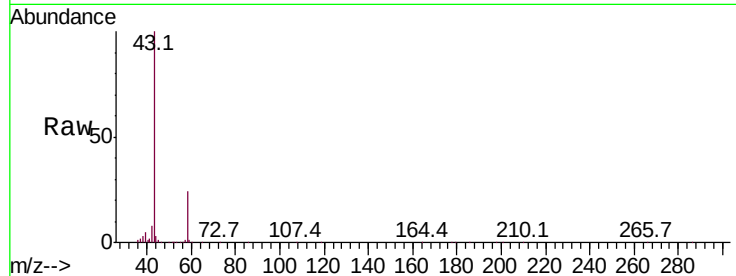
43 100

58 31.4 21.2 31.8

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#19

Isopropyl Alcohol

Concen: 0.856 ppbv m

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VL036578.D

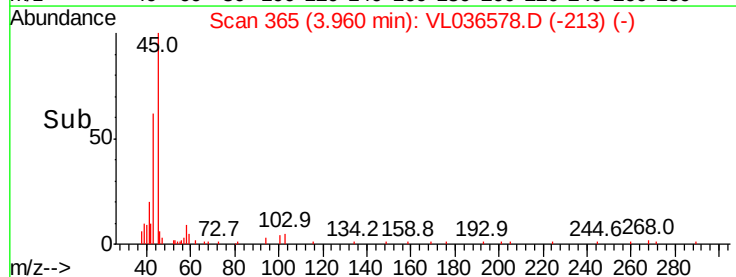
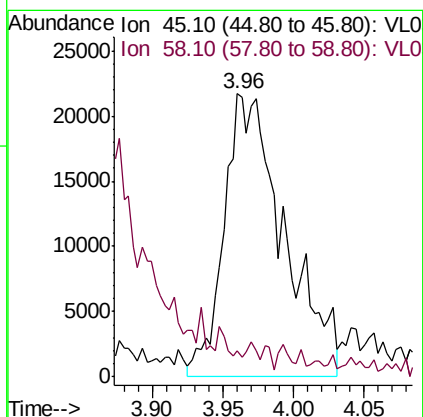
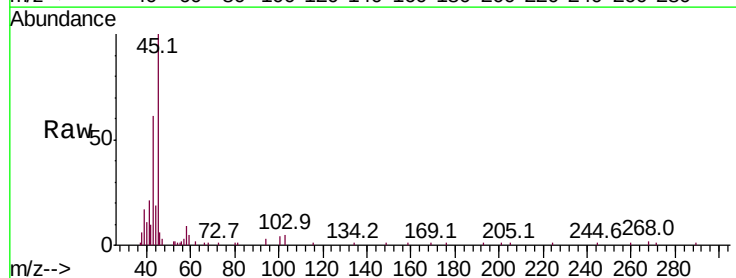
Acq: 30 Mar 2021 20:34

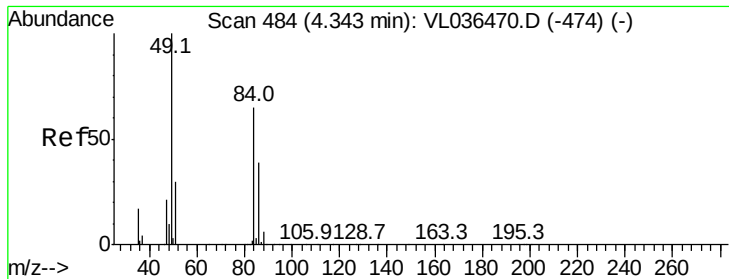
Tgt Ion: 45 Resp: 64228

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#





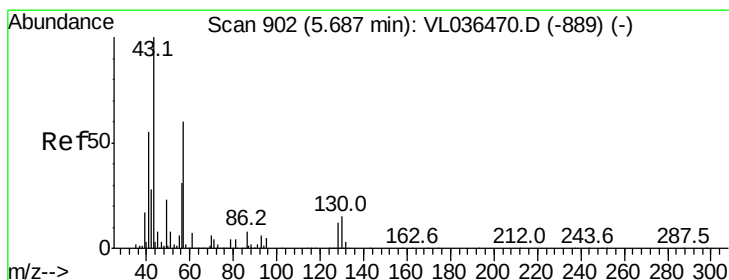
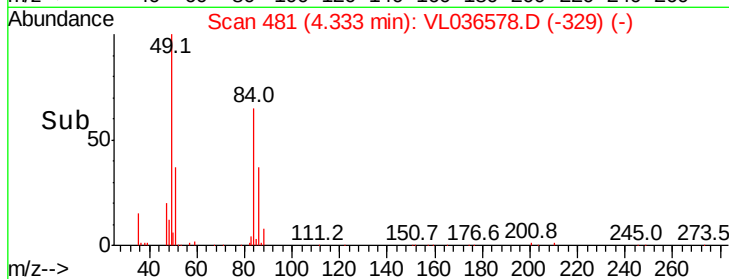
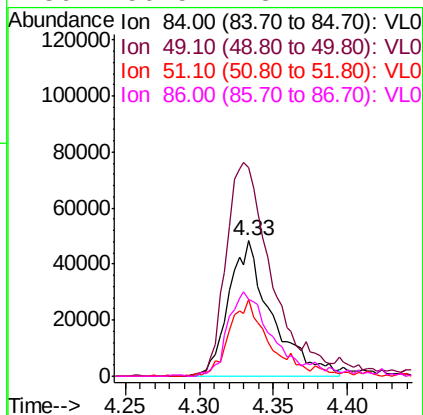
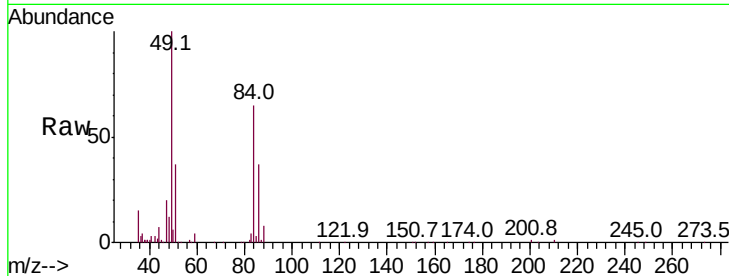
#20
Methvlene Chloride
Concen: 1.525 ppbv m
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036578.D
Acq: 30 Mar 2021 20:34

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-08(2021)DL

Tot Ion	84	Resp	97331
Ion Ratio	Lower	Upper	
84	100		
49	154.1	122.9	184.3
51	57.2	36.9	55.3#
86	56.5	48.2	72.4

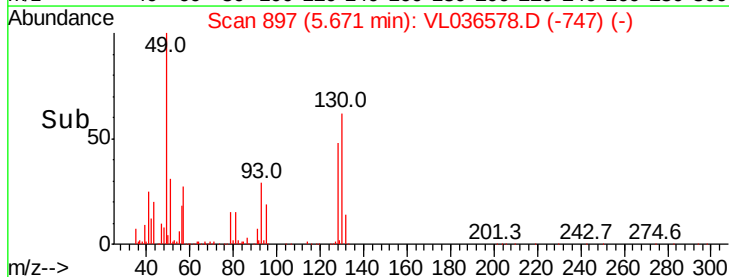
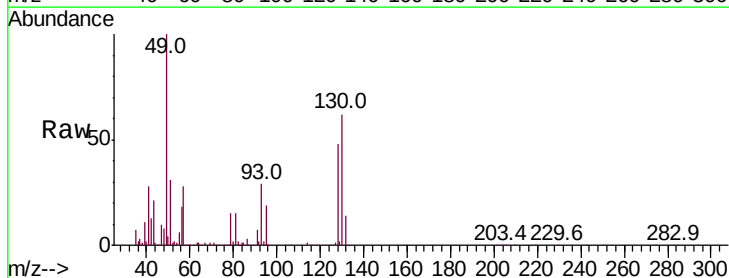
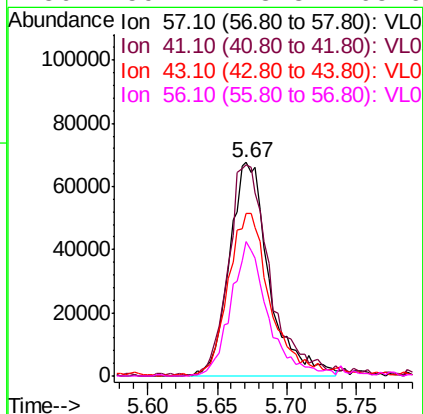
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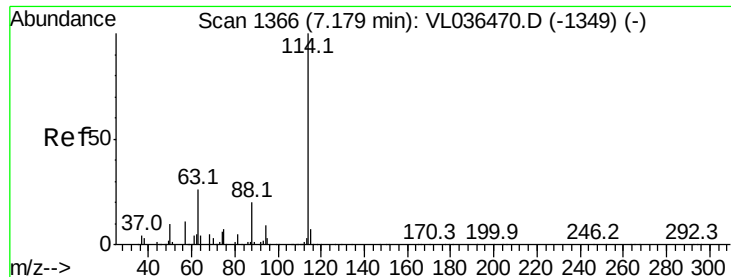
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#26
Hexane
Concen: 0.892 ppbv m
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036578.D
Acq: 30 Mar 2021 20:34

Tgt Ion	57	Resp	134210
Ion Ratio	Lower	Upper	
57	100		
41	105.8	77.2	115.8
43	83.2	173.8	260.6#
56	59.2	43.8	65.6





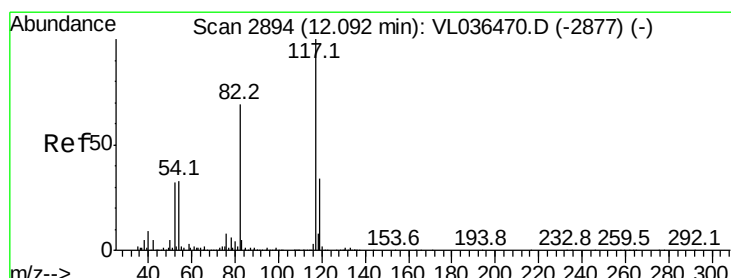
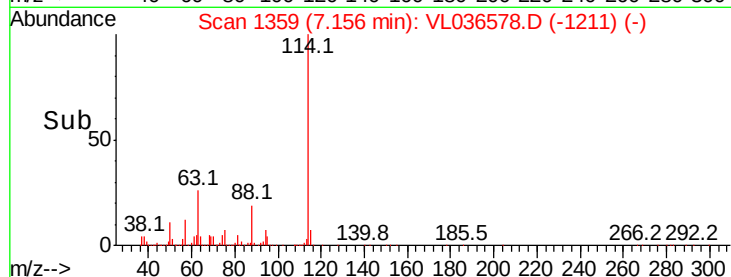
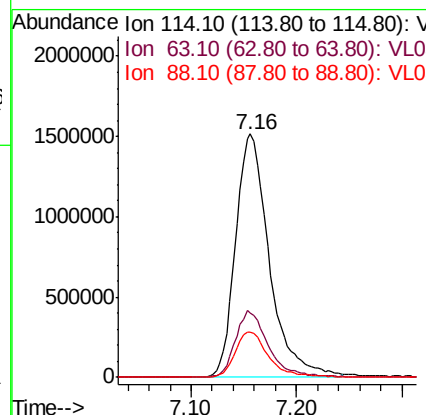
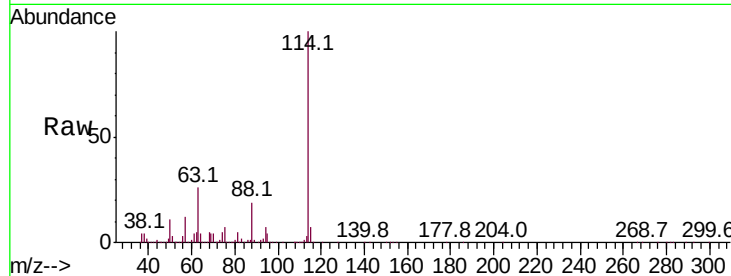
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VL036578.D
 Acq: 30 Mar 2021 20:34

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-08(2021)DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.4	33.6
88	18.7	15.4	23.0

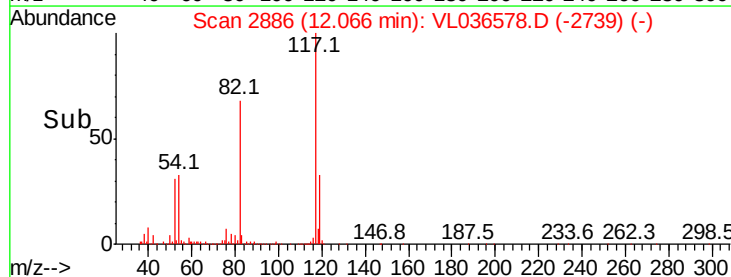
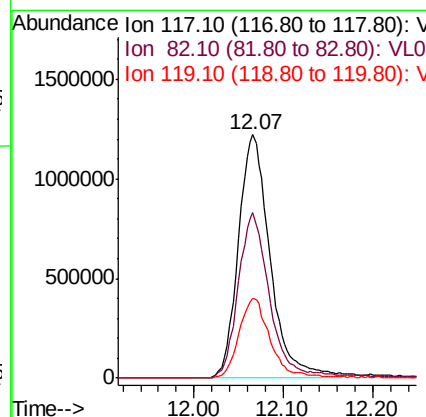
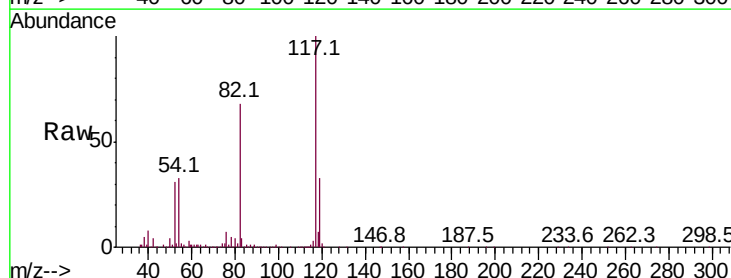
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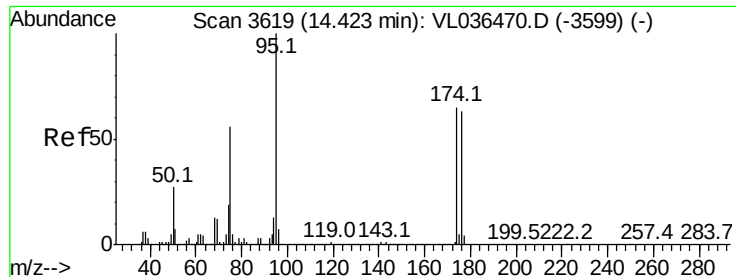
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2886
 Delta R.T. -0.03 min
 Lab File: VL036578.D
 Acq: 30 Mar 2021 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.1	57.4	86.0
119	32.9	47.4	71.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.841 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.03 min
 Lab File: VL036578.D
 Acq: 30 Mar 2021 20:34

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-08(2021)DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.7	51.0	76.6
175	4.6	3.9	5.9

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