

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041221\
 Data File : VL036792.D
 Acq On : 12 Apr 2021 16:34
 Operator : SY/AP
 Sample : M1877-08DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-5(2021)DL2

Manual Integrations
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Quant Time: Apr 12 19:33:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 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	5.68	49	1416551	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3339077	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2676473	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	1711664	8.02	ppbv	0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.64	45	20568m	2.047	ppbv	
15) Acetone	3.87	43	287487	2.062	ppbv	93
19) Isopropyl Alcohol	4.01	45	42250	0.551	ppbv #	54
20) Methylene Chloride	4.35	84	89092	1.365	ppbv	94
26) Hexane	5.70	57	60991	0.397	ppbv #	56

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

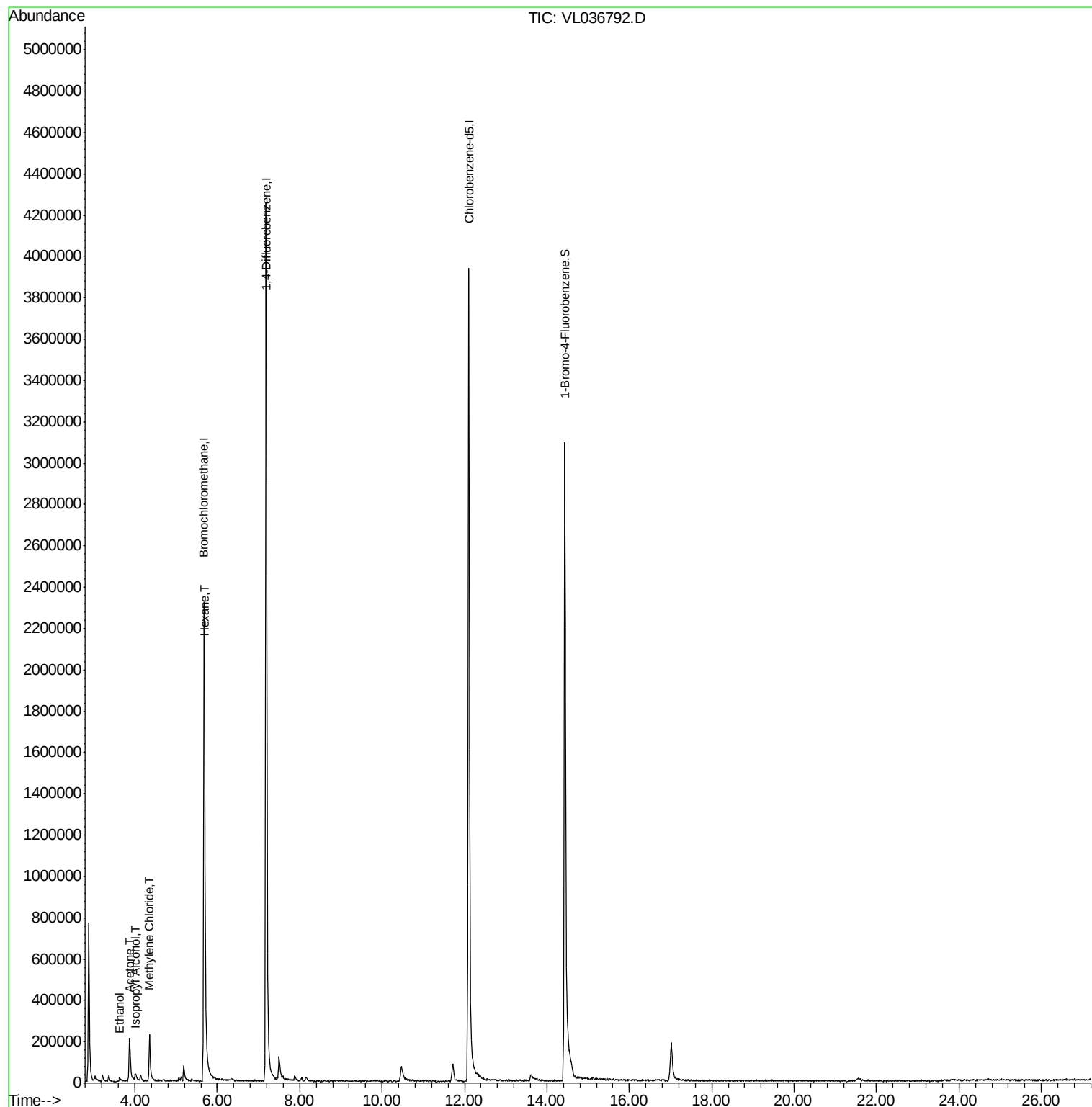
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041221\
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL036792.D

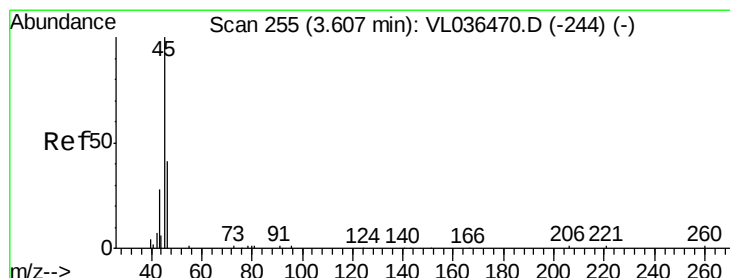
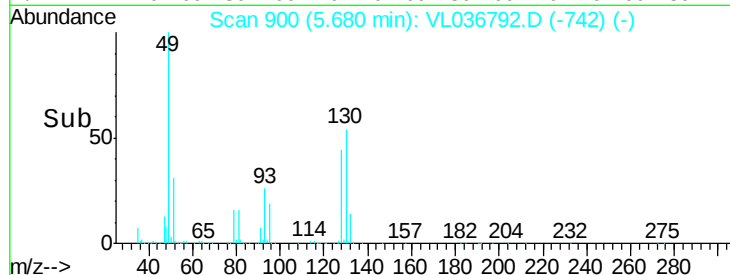
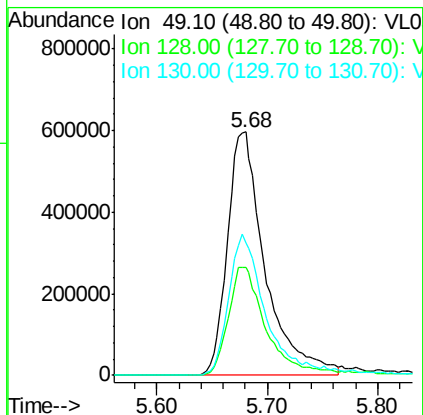
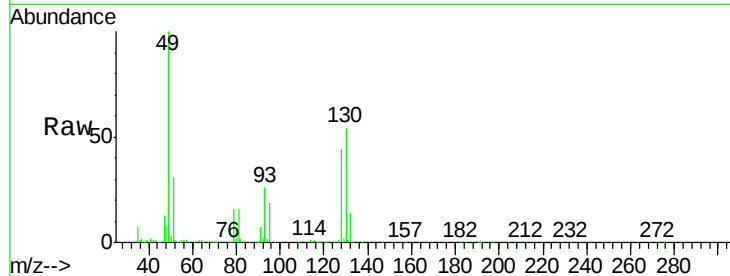
Acq: 12 Apr 2021 16:34

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-5(2021)DL2

Tot Ion:	49	Resp:	1416551
Ion	Ratio	Lower	Upper
49	100		
128	46.8	23.5	70.6
130	59.1	29.1	87.4

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#13

Ethanol

Concen: 2.047 ppbv m

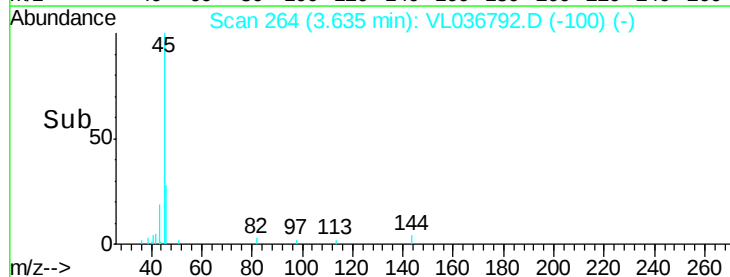
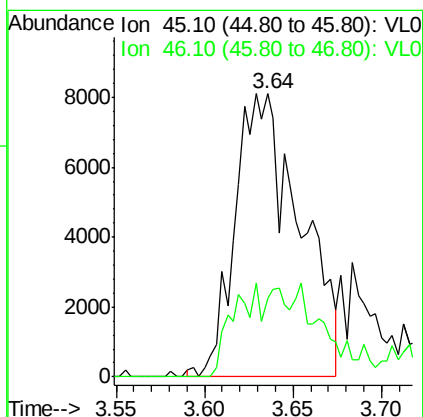
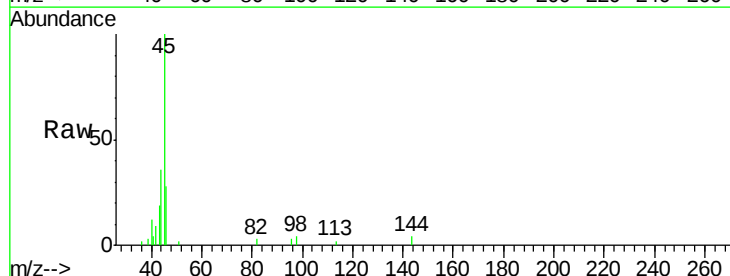
RT: 3.64 min Scan# 264

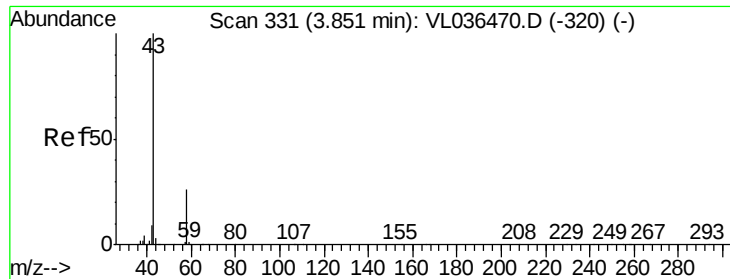
Delta R.T. 0.03 min

Lab File: VL036792.D

Acq: 12 Apr 2021 16:34

Tgt Ion:	45	Resp:	20568
Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.6	66.2#





#15

Acetone

Concen: 2.062 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL036792.D

Acq: 12 Apr 2021 16:34

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-5(2021)DL2

Tot Ion: 43 Resp: 287487

Ion Ratio Lower Upper

43 100

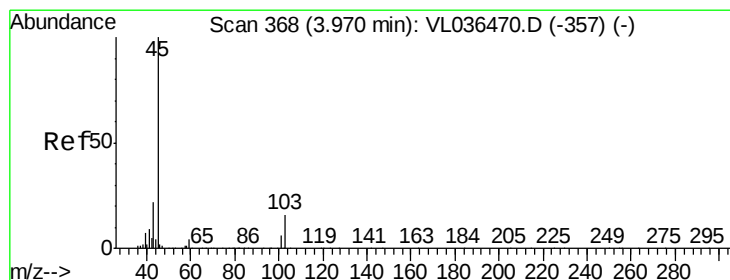
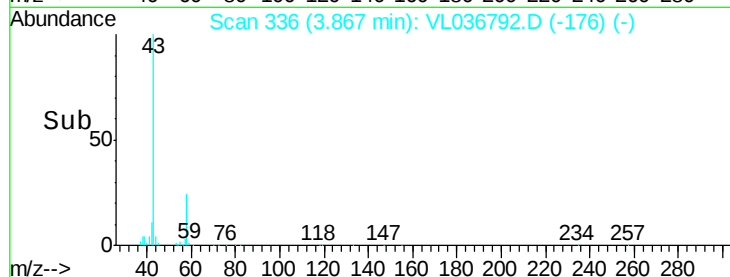
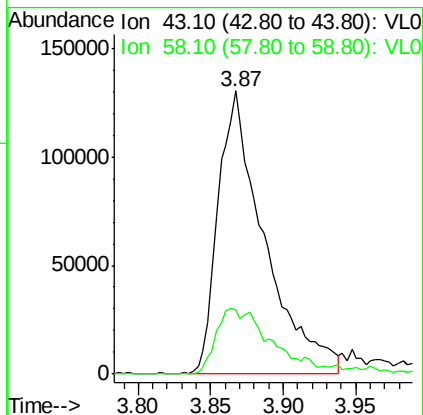
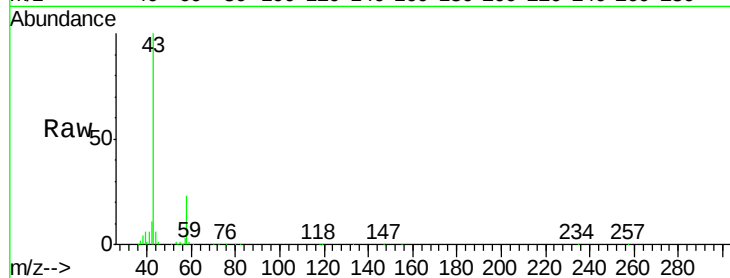
58 30.3 21.2 31.8

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#19

Isopropyl Alcohol

Concen: 0.551 ppbv

RT: 4.01 min Scan# 382

Delta R.T. 0.04 min

Lab File: VL036792.D

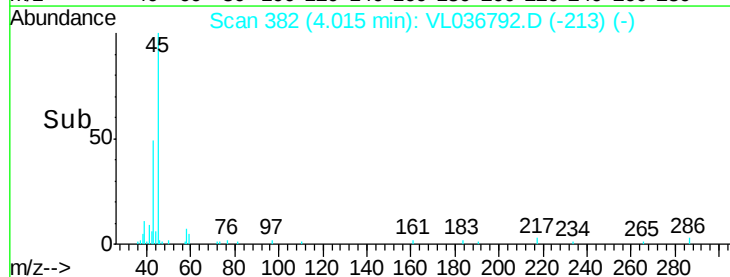
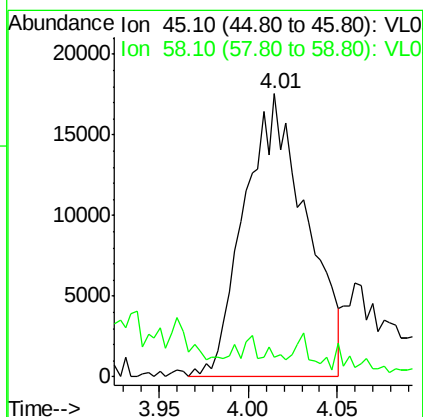
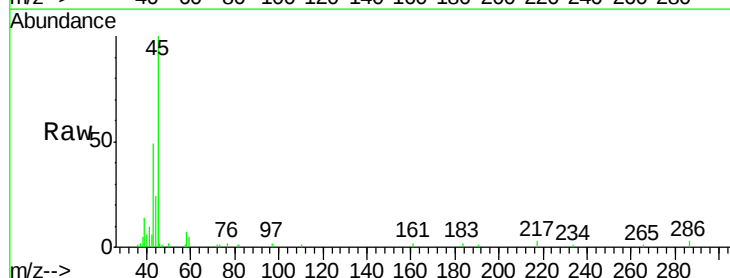
Acq: 12 Apr 2021 16:34

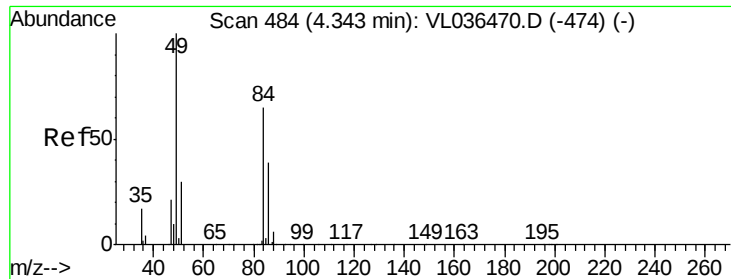
Tgt Ion: 45 Resp: 42250

Ion Ratio Lower Upper

45 100

58 18.7 2.9 4.3#





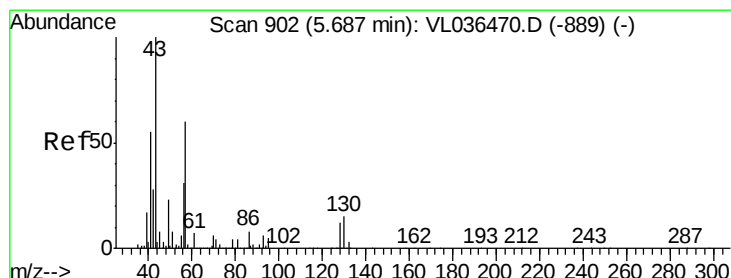
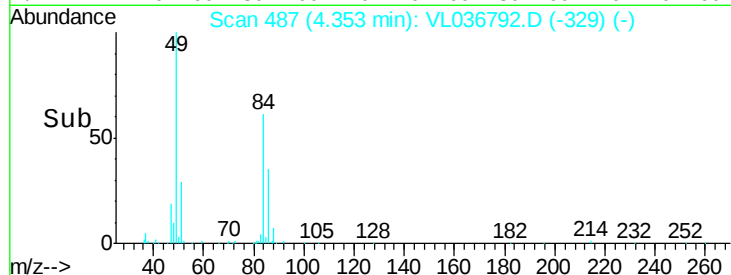
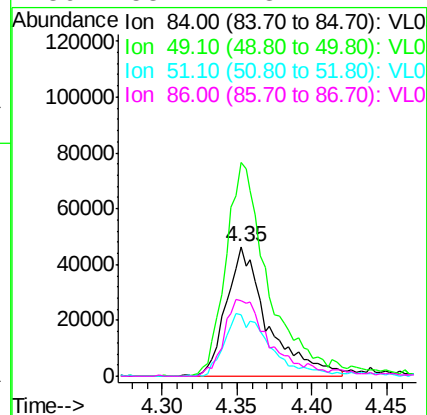
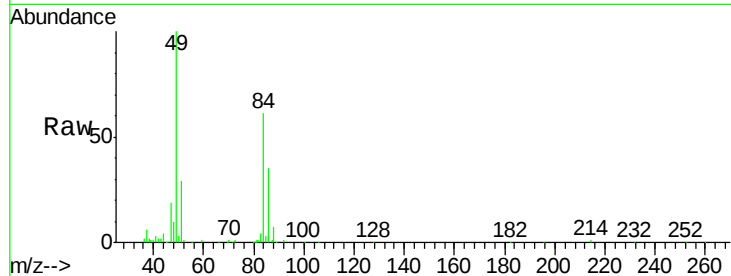
#20
Methvlene Chloride
Concen: 1.365 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036792.D
Acq: 12 Apr 2021 16:34

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-5(2021)DL2

Tot Ion	Ratio	Lower	Upper
84	100		
49	164.2	122.9	184.3
51	47.4	36.9	55.3
86	58.4	48.2	72.4

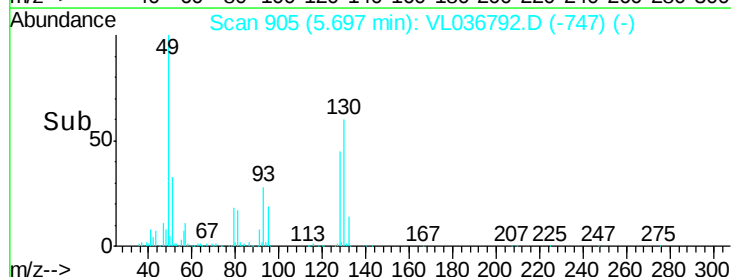
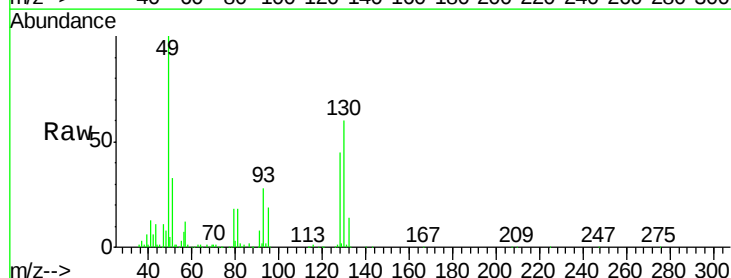
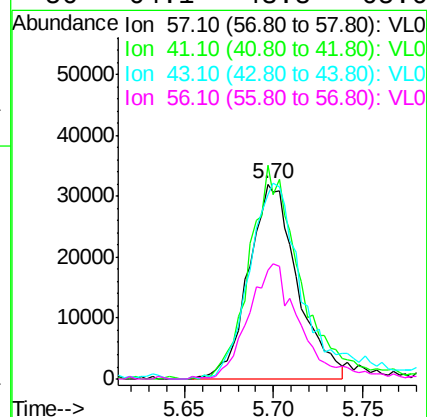
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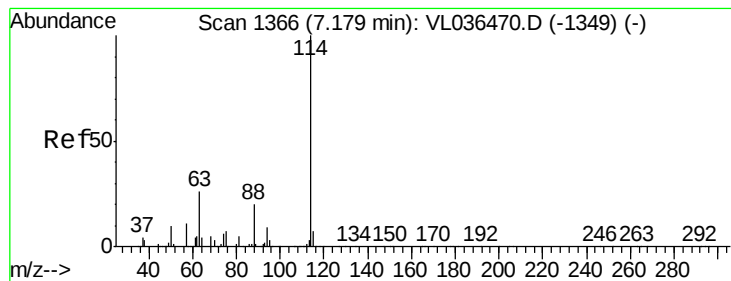
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#26
Hexane
Concen: 0.397 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036792.D
Acq: 12 Apr 2021 16:34

Tgt Ion	Ratio	Lower	Upper
57	100		
41	119.1	77.2	115.8#
43	118.6	173.8	260.6#
56	64.1	43.8	65.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VL036792.D

Acq: 12 Apr 2021 16:34

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-5(2021)DL2

Tot Ion:114 Resp: 3339077

Ion Ratio Lower Upper

114 100

63 27.4 22.4 33.6

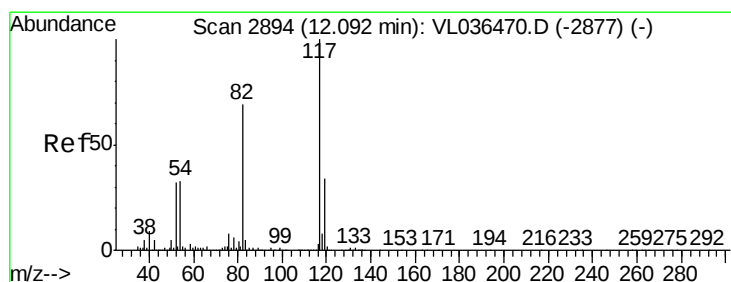
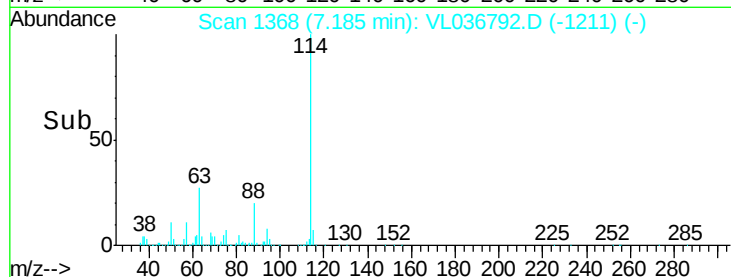
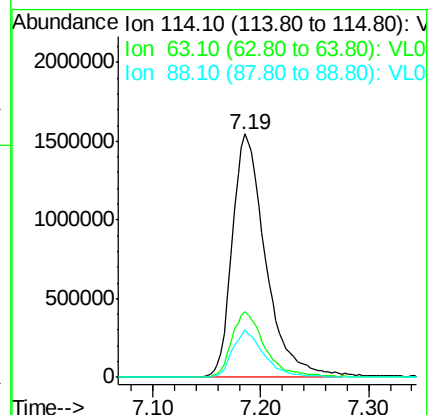
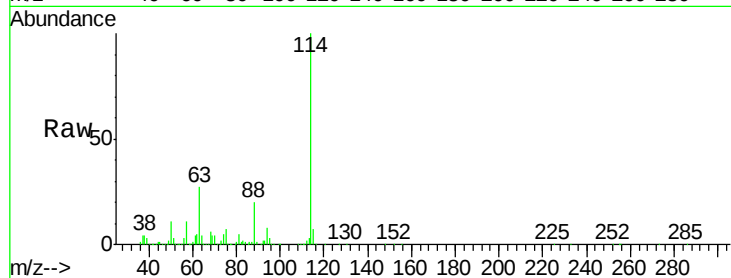
88 18.7 15.4 23.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.01 min

Lab File: VL036792.D

Acq: 12 Apr 2021 16:34

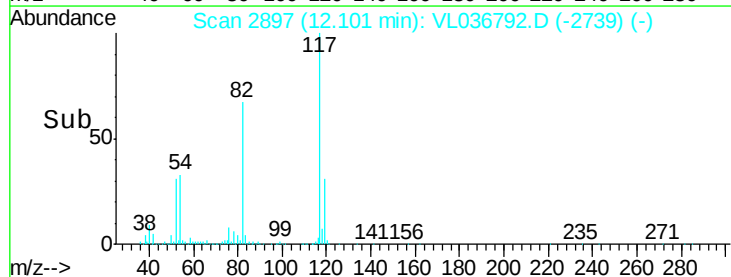
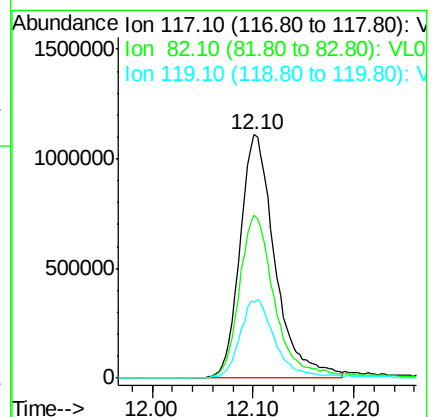
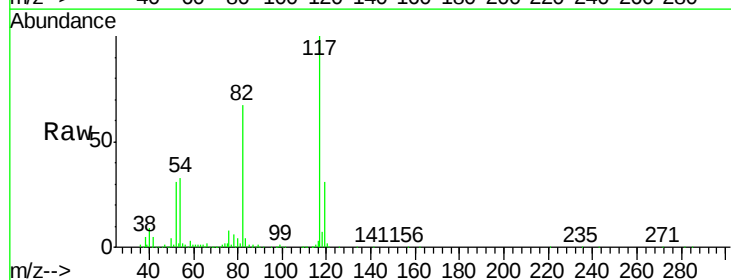
Tgt Ion:117 Resp: 2676473

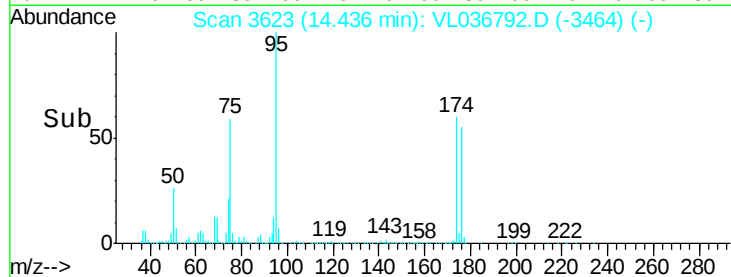
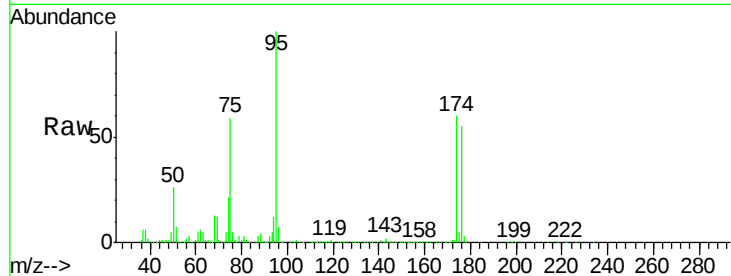
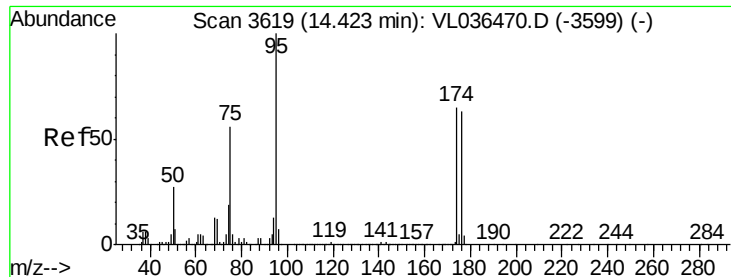
Ion Ratio Lower Upper

117 100

82 70.0 57.4 86.0

119 33.5 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 8.024 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL036792.D

Acq: 12 Apr 2021 16:34

Tot Ion: 95 Resp: 1711664

Ion Ratio Lower Upper

95 100

174 63.2 51.0 76.6

175 4.1 3.9 5.9

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-5(2021)DL2

Manual Integrations

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