

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036573.D
 Acq On : 30 Mar 2021 17:20
 Operator : SY/AP
 Sample : M1797-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-04(2021)DL

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 10:58:35 AM

Quant Time: Mar 31 21:02:03 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	5.65	49	1409730	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3323286	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2937887	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2342095	10.00	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds						Ovalue
13) Ethanol	3.59	45	458046m	45.809	ppbv	
15) Acetone	3.84	43	222354	1.603	ppbv #	79
20) Methylene Chloride	4.33	84	259507	3.995	ppbv	97
26) Hexane	5.67	57	440410	2.877	ppbv #	47

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

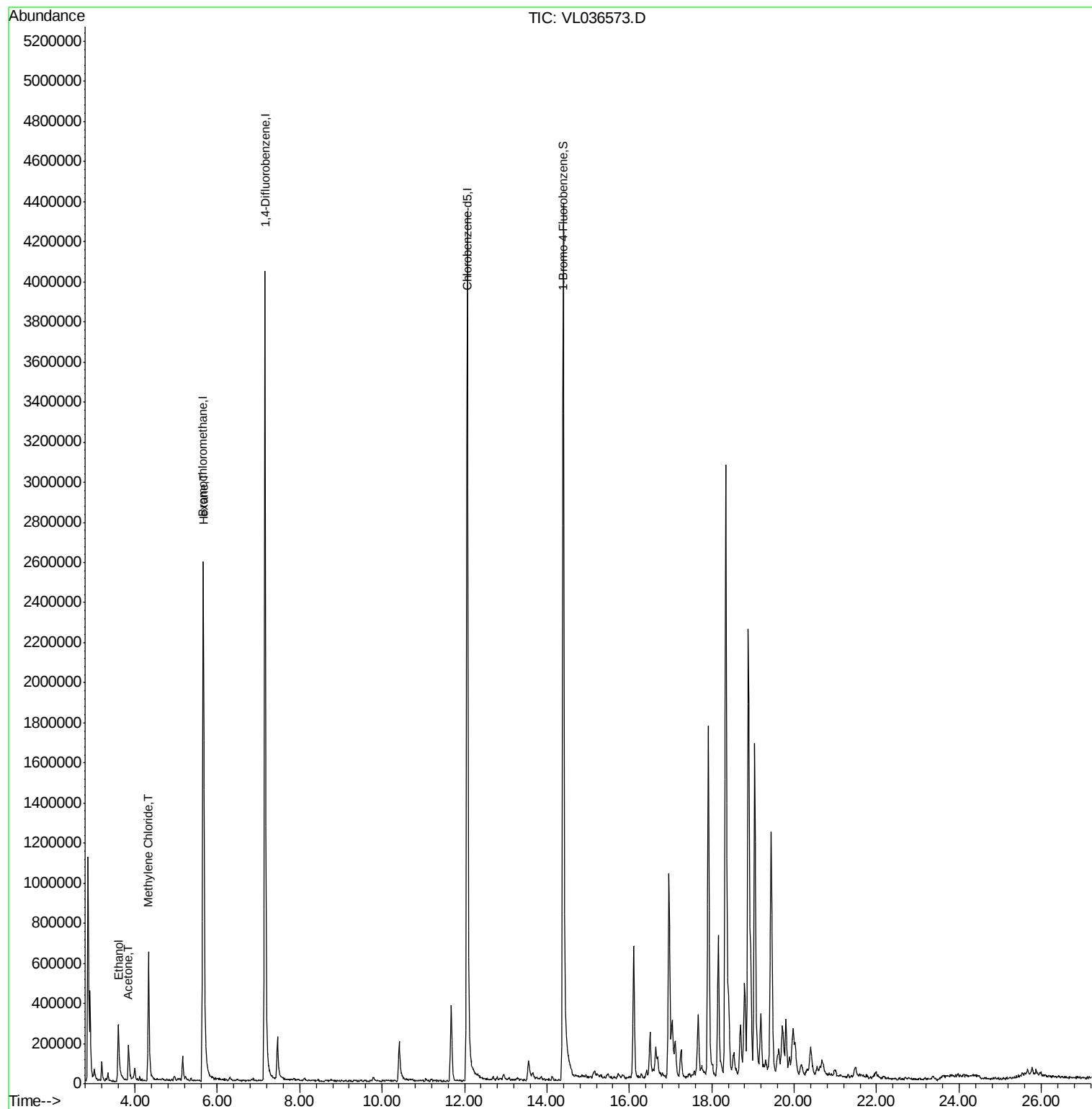
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036573.D
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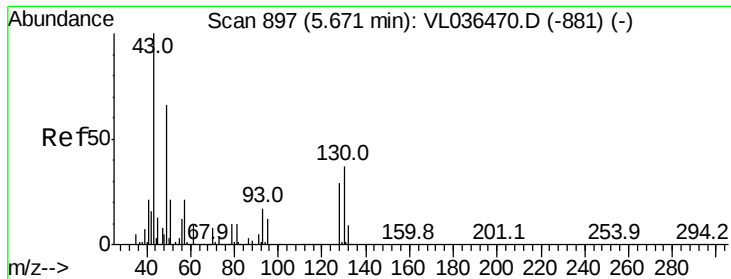
Instrument :
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL036573.D

Acq: 30 Mar 2021 17:20

Instrument :

MSVOA_L

ClientSampleId :

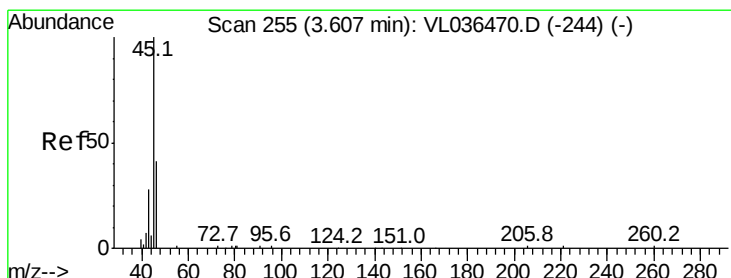
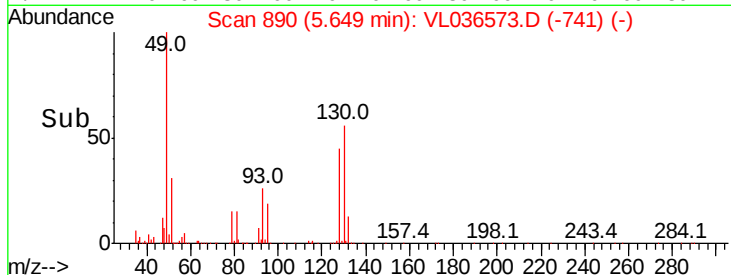
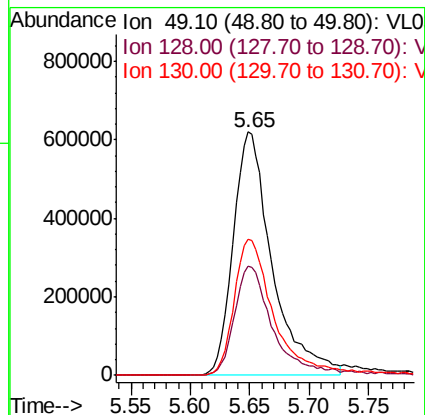
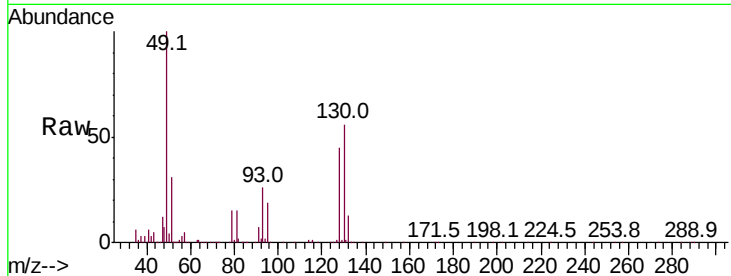
MF-SG-04(2021)DL

Tot Ion: 49 Resp: 1409730

Ion	Ratio	Lower	Upper
49	100		
128	45.4	23.5	70.6
130	58.8	29.1	87.4

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#13

Ethanol

Concen: 45.809 ppbv m

RT: 3.59 min Scan# 250

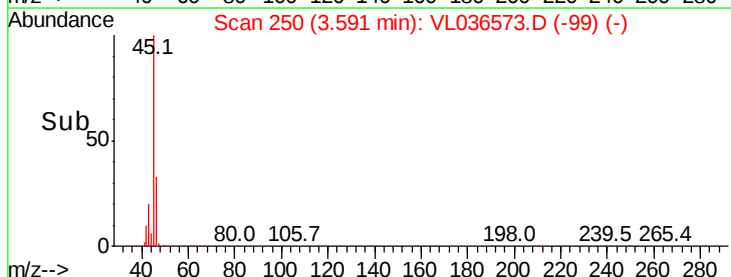
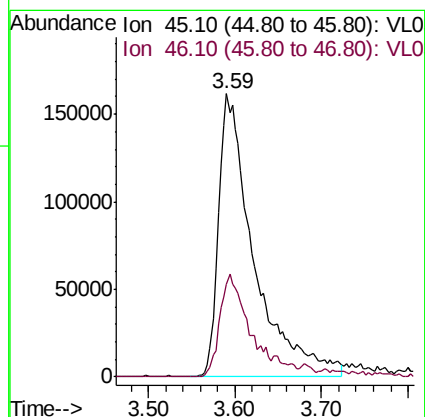
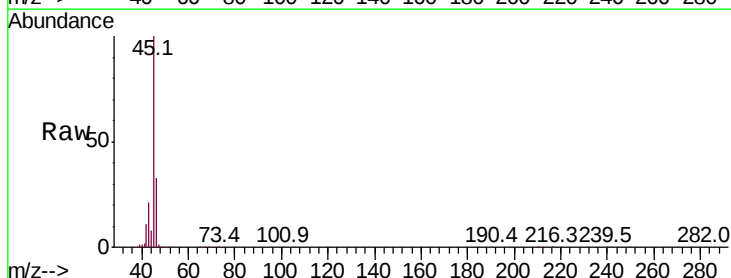
Delta R.T. -0.02 min

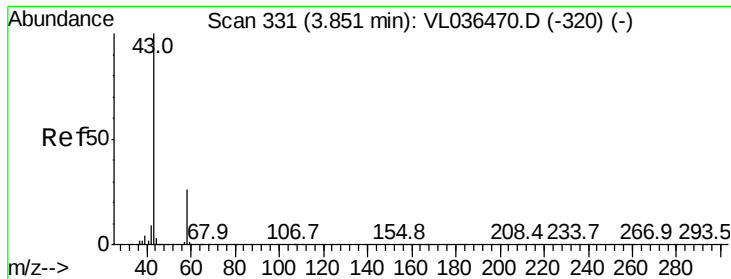
Lab File: VL036573.D

Acq: 30 Mar 2021 17:20

Tgt Ion: 45 Resp: 458046

Ion	Ratio	Lower	Upper
45	100		
46	35.6	16.6	66.2





#15

Acetone

Concen: 1.603 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL036573.D

Acq: 30 Mar 2021 17:20

Instrument :

MSVOA_L

ClientSampleId :

MF-SG-04(2021)DL

Tot Ion: 43 Resp: 222354

Ion Ratio Lower Upper

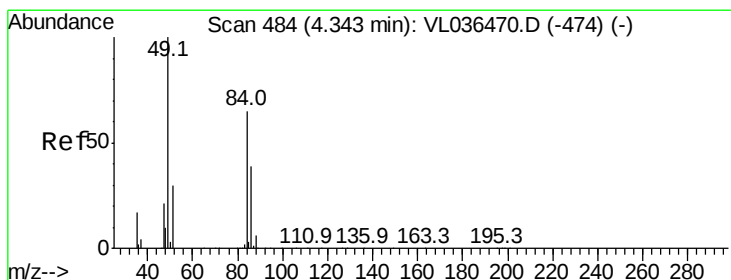
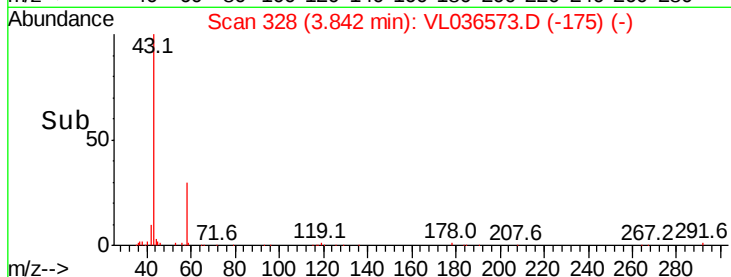
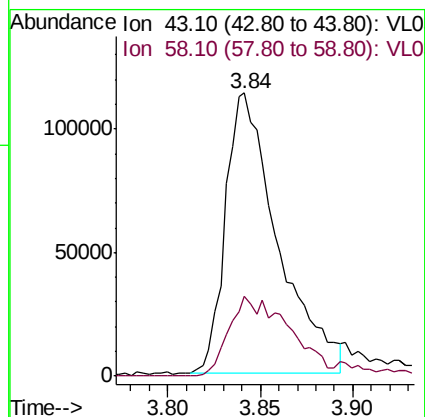
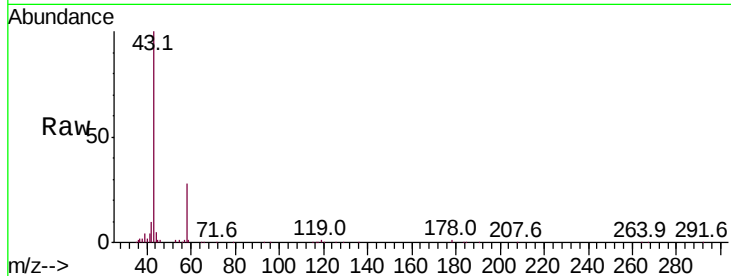
43 100

58 37.1 21.2 31.8#

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#20

Methylene Chloride

Concen: 3.995 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.02 min

Lab File: VL036573.D

Acq: 30 Mar 2021 17:20

Tgt Ion: 84 Resp: 259507

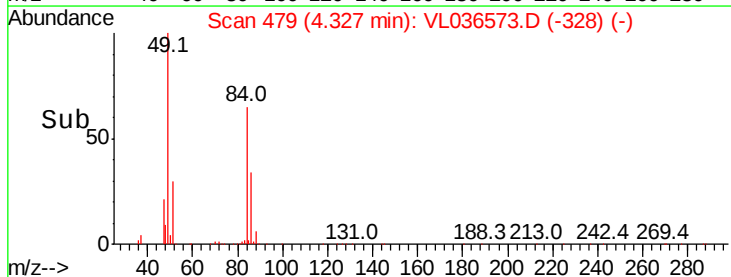
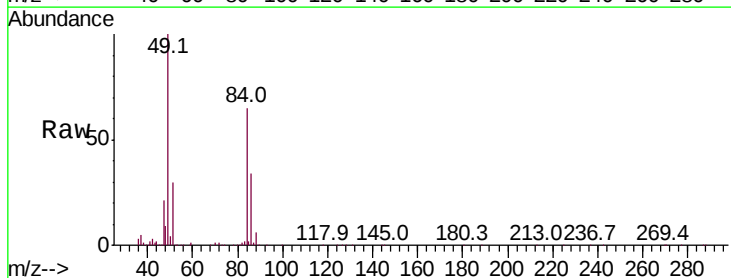
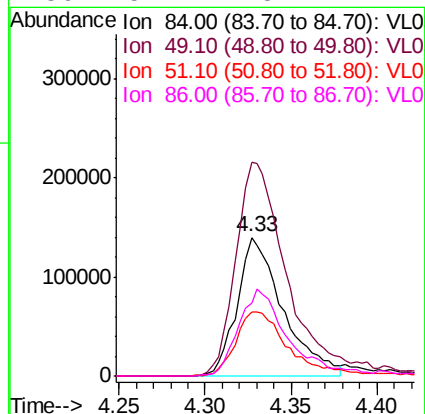
Ion Ratio Lower Upper

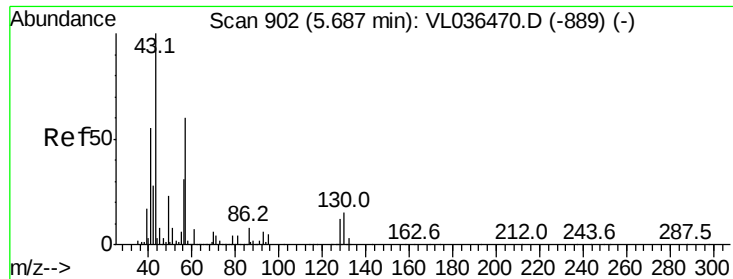
84 100

49 153.7 122.9 184.3

51 46.2 36.9 55.3

86 52.1 48.2 72.4





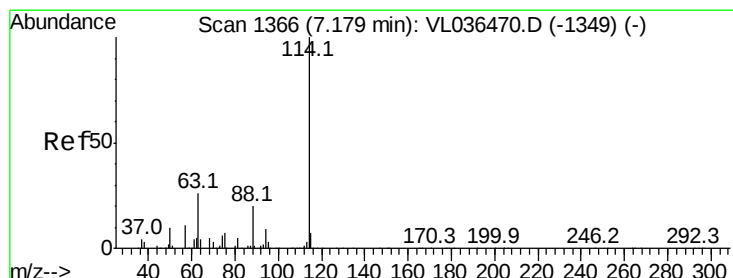
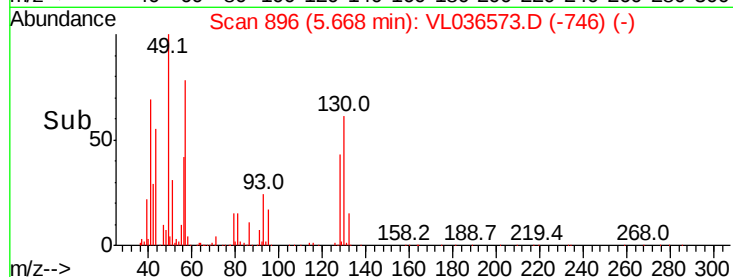
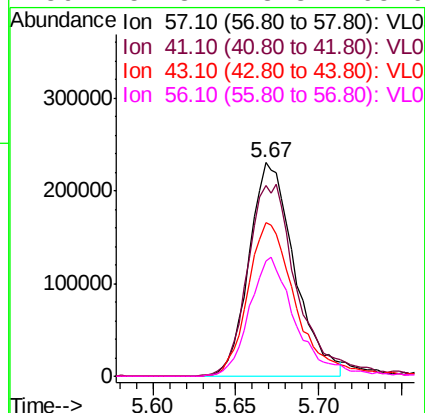
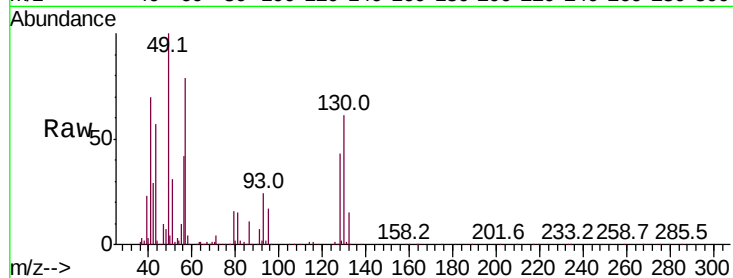
#26
Hexane
Concen: 2.877 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036573.D
Acq: 30 Mar 2021 17:20

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-04(2021)DL

Tot Ion	57	Resp	440410
Ion Ratio	Lower	Upper	
57	100		
41	100.8	77.2	115.8
43	77.9	173.8	260.6#
56	57.3	43.8	65.6

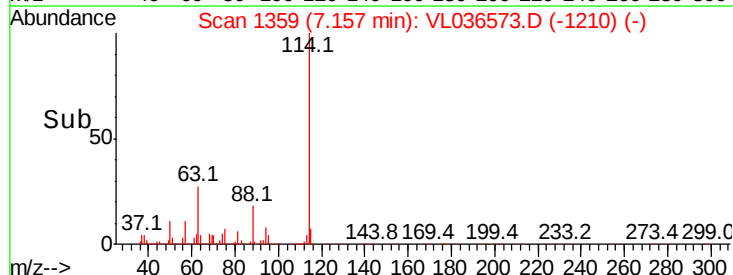
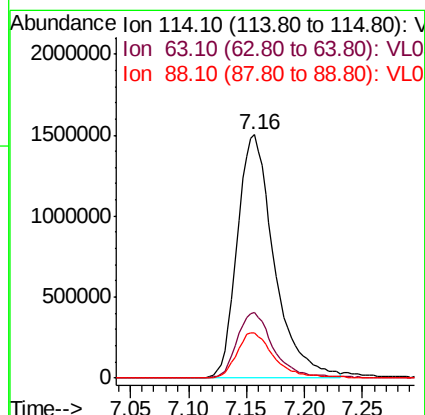
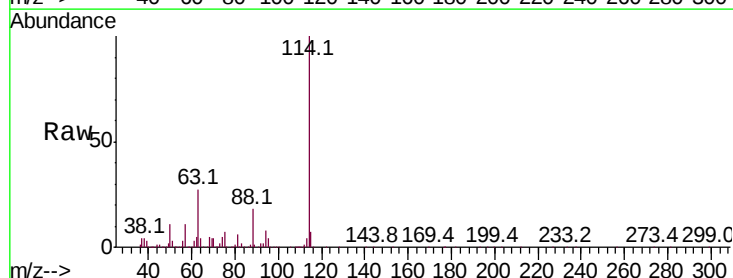
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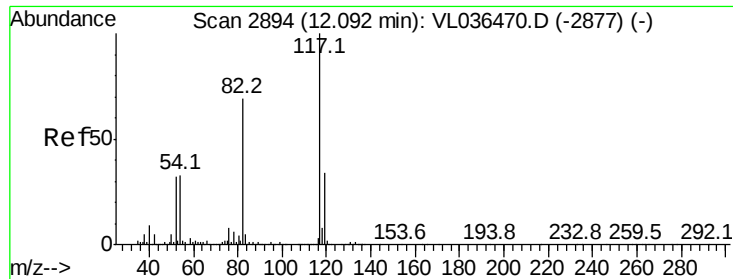
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL036573.D
Acq: 30 Mar 2021 17:20

Tgt Ion	114	Resp	3323286
Ion Ratio	Lower	Upper	
114	100		
63	27.2	22.4	33.6
88	19.0	15.4	23.0





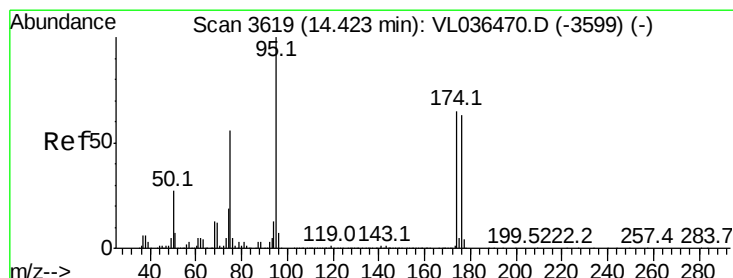
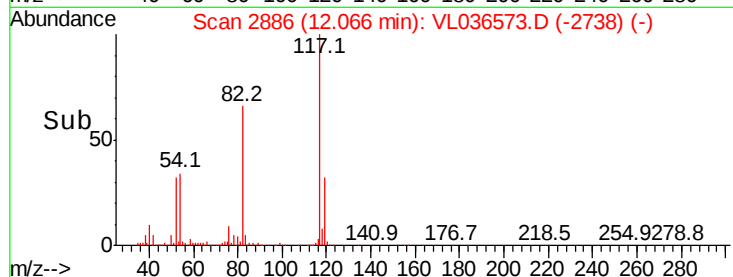
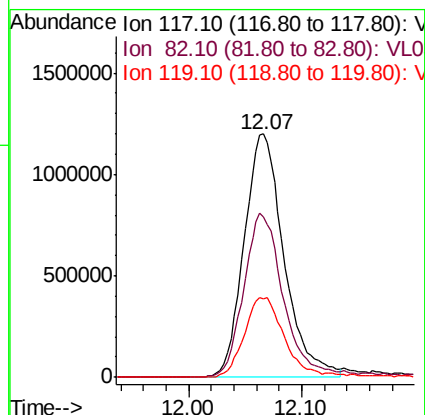
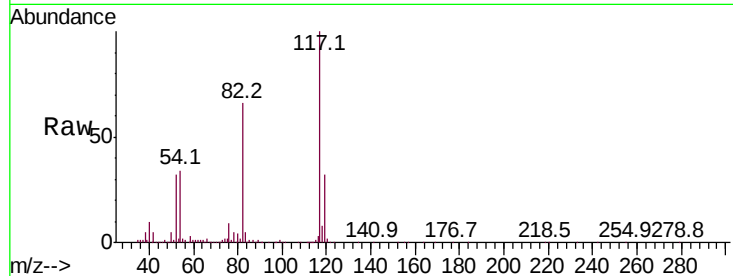
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036573.D
Acq: 30 Mar 2021 17:20

Instrument :
MSVOA_L
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MF-SG-04(2021)DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.8	57.4	86.0
119	34.6	47.4	71.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.002 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL036573.D
Acq: 30 Mar 2021 17:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.3	51.0	76.6
175	5.0	3.9	5.9

