

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\
 Data File : VL036551.D
 Acq On : 29 Mar 2021 23:00
 Operator : SY/AP
 Sample : M1759-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-104DL

Manual Integrations
 APPROVED

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 3/30/2021 7:44:25 PM

Quant Time: Mar 30 11:42:09 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 09:42:40 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	1537482	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3483299	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3198659	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2462693	9.66	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	1753131m	160.760	ppbv	
15) Acetone	3.84	43	309860	2.048	ppbv #	87
19) Isopropyl Alcohol	3.96	45	240208	2.886	ppbv #	95
38) Trichloroethene	7.81	130	9593m	0.077	ppbv	

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

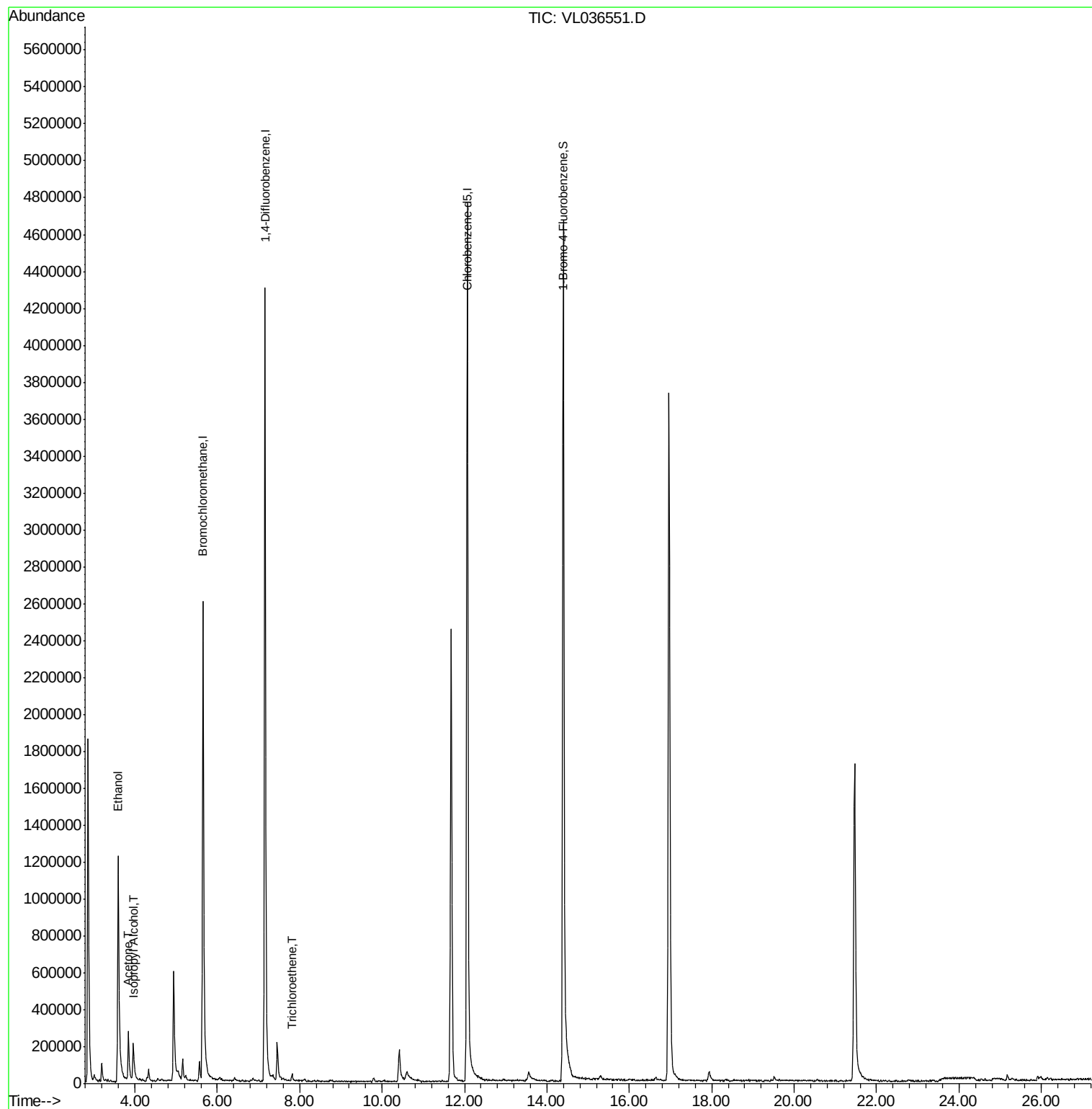
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032921\
Data File : VL036551.D
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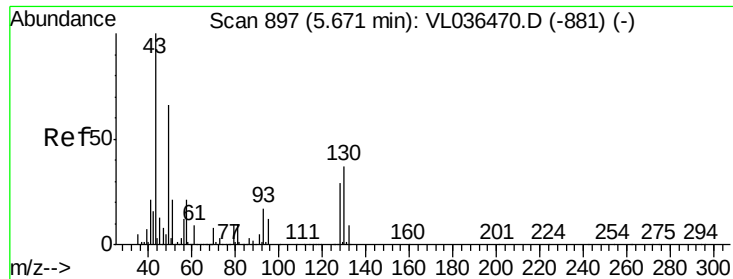
Instrument :
MSVOA_L
ClientSampleId :
EP-104DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
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: VL036551.D

Acq: 29 Mar 2021 23:00

Instrument :

MSVOA_L

ClientSampleId :

EP-104DL

Tot Ion: 49 Resp: 1537482

Ion Ratio Lower Upper

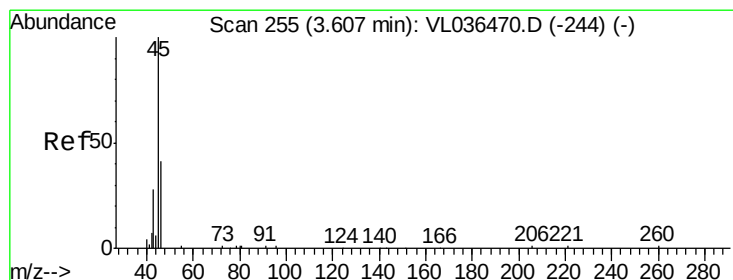
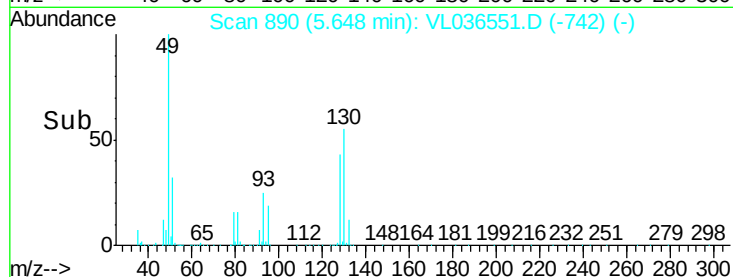
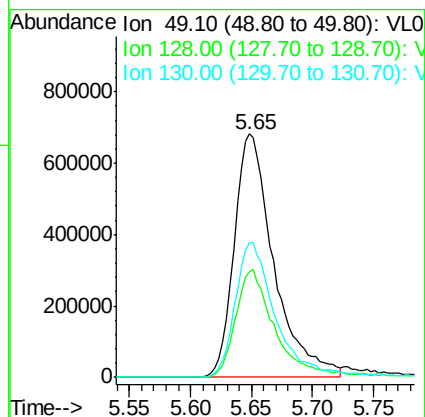
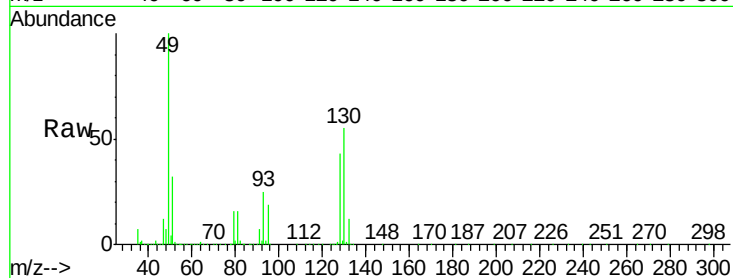
49 100

128 45.4 23.5 70.6

130 58.5 29.1 87.4

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#13

Ethanol

Concen: 160.760 ppbv m

RT: 3.59 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL036551.D

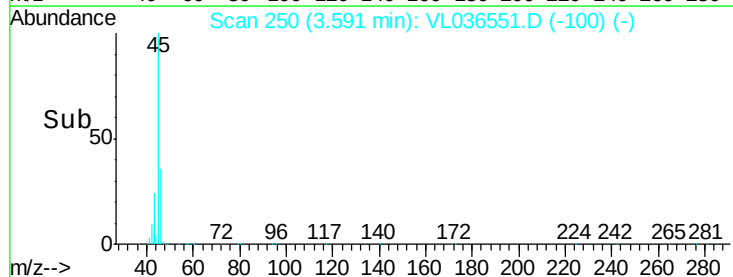
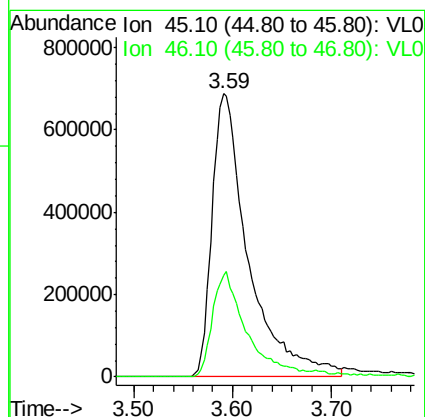
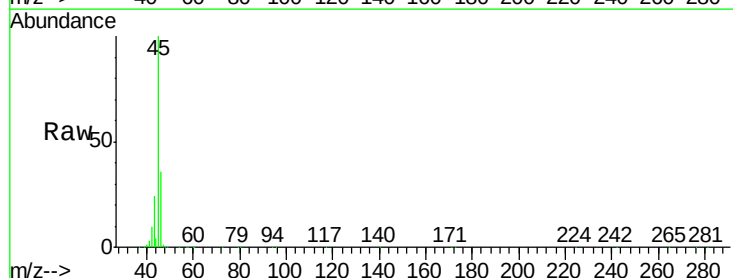
Acq: 29 Mar 2021 23:00

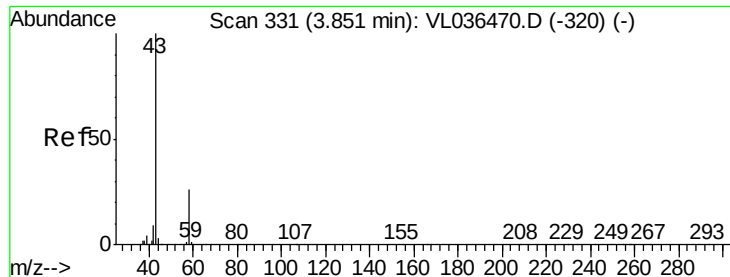
Tgt Ion: 45 Resp: 1753131

Ion Ratio Lower Upper

45 100

46 37.1 16.6 66.2





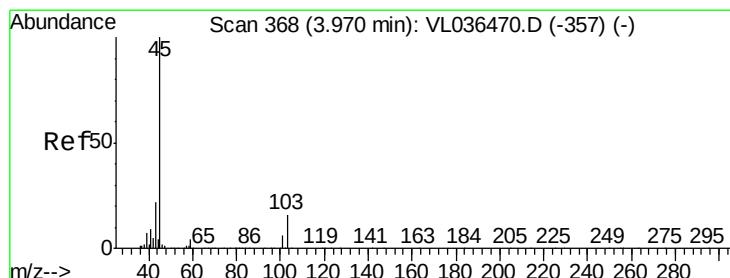
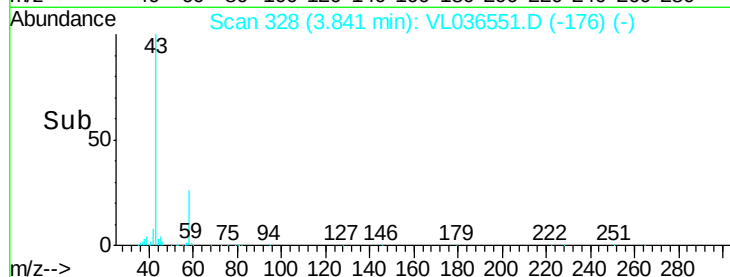
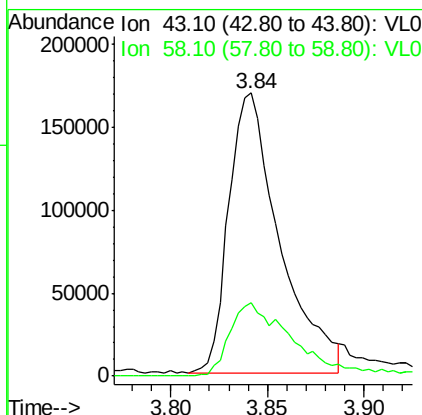
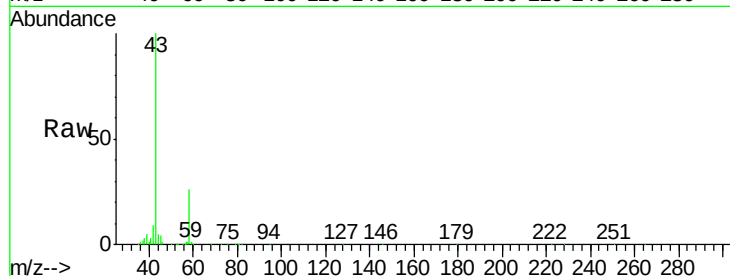
#15
Acetone
Concen: 2.048 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL036551.D
Acq: 29 Mar 2021 23:00

Instrument :
MSVOA_L
ClientSampleId :
EP-104DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.4	21.2	31.8#

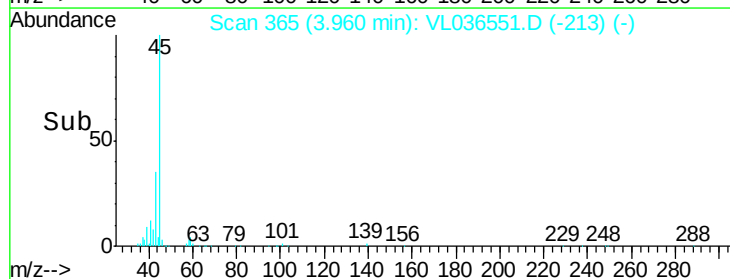
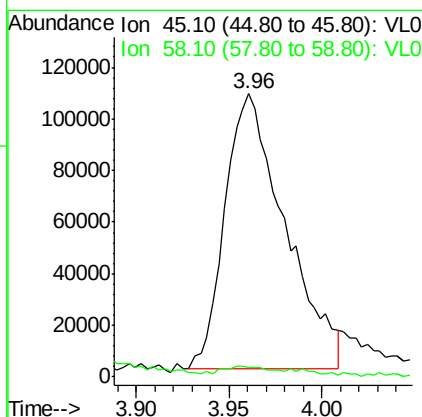
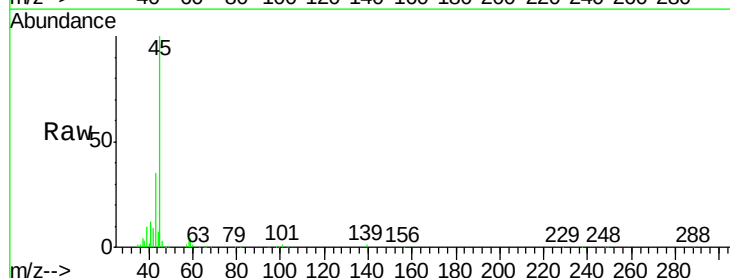
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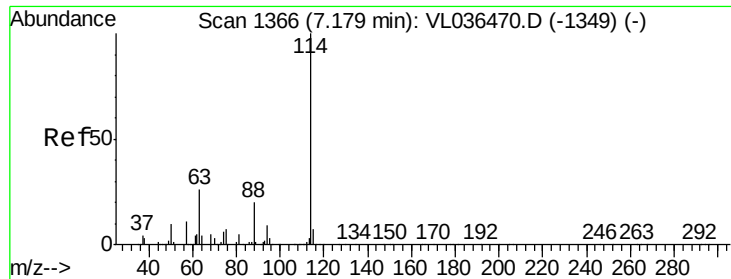
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#19
Isopropyl Alcohol
Concen: 2.886 ppbv
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VL036551.D
Acq: 29 Mar 2021 23:00

Tgt Ion	Ratio	Lower	Upper
45	100		
58	5.2	2.9	4.3#





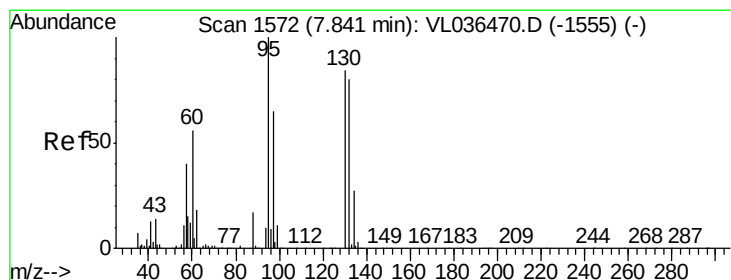
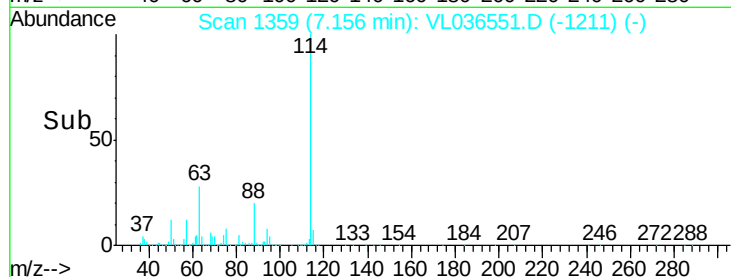
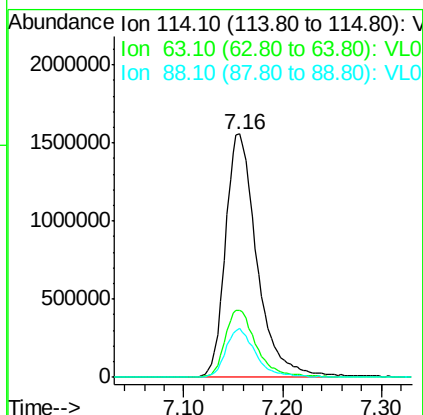
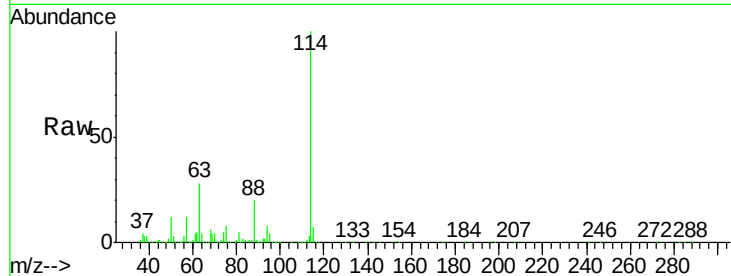
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VL036551.D
 Acq: 29 Mar 2021 23:00

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-104DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.4	33.6
88	19.2	15.4	23.0

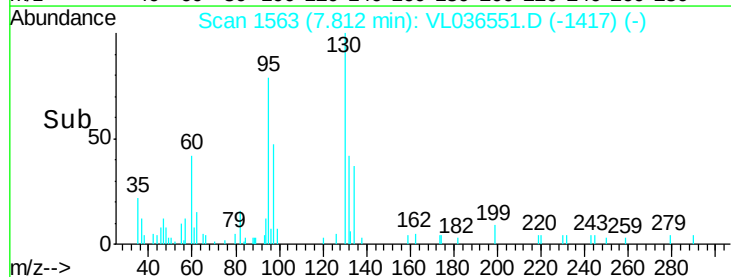
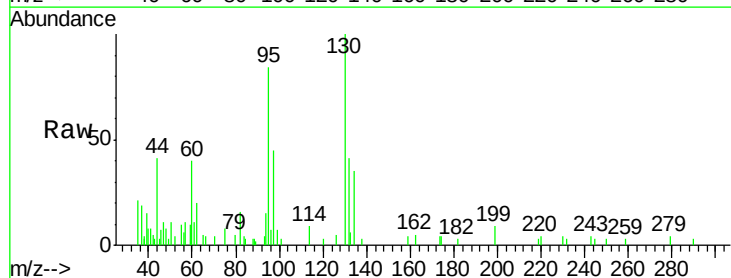
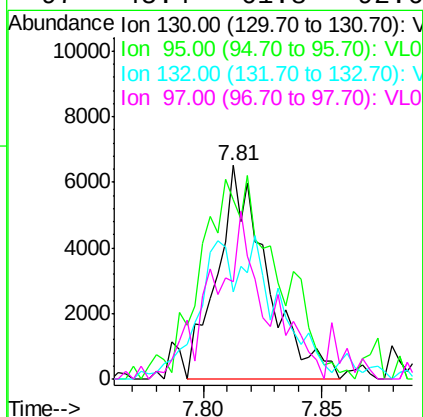
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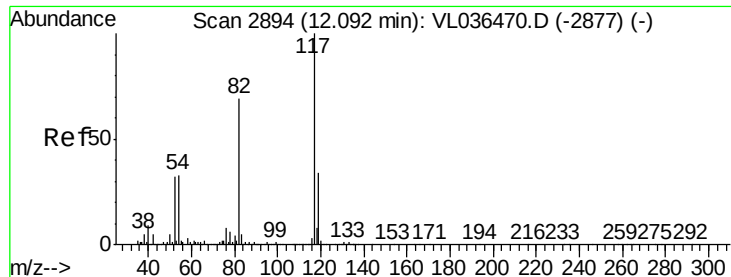
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#38
 Trichloroethene
 Concen: 0.077 ppbv m
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.03 min
 Lab File: VL036551.D
 Acq: 29 Mar 2021 23:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	84.1	95.7	143.5#
132	40.7	76.2	114.4#
97	45.4	61.8	92.6#





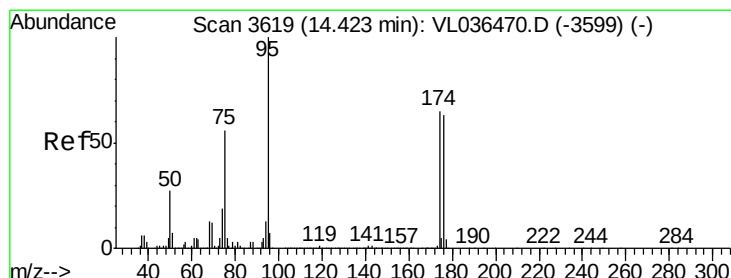
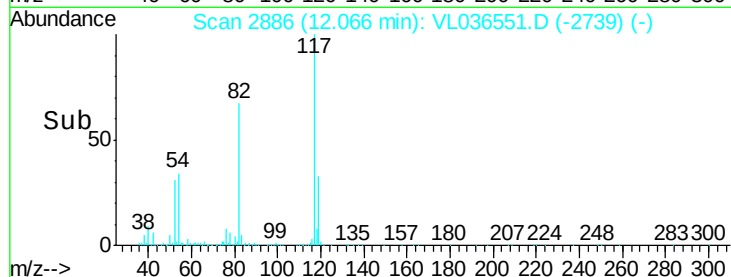
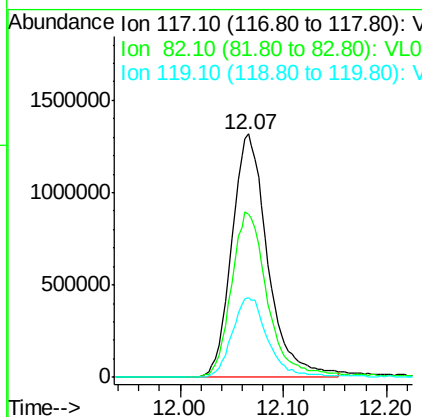
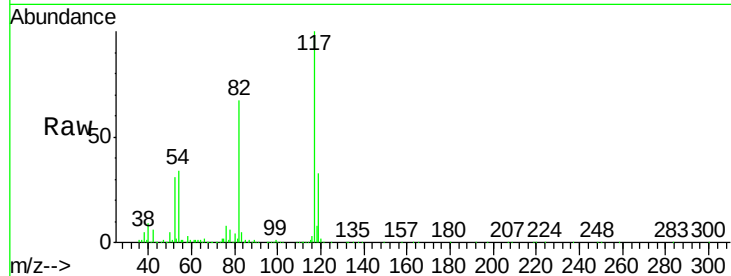
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036551.D
Acq: 29 Mar 2021 23:00

Instrument :
MSVOA_L
ClientSampleId :
EP-104DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.9	57.4	86.0
119	33.2	47.4	71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.660 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL036551.D
Acq: 29 Mar 2021 23:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.0	76.6
175	4.6	3.9	5.9

