

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036629.D
 Acq On : 1 Apr 2021 12:55
 Operator : SY/AP
 Sample : OC033121 CAN 10598
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC033121 CAN 10598

Manual Integrations
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Quant Time: Apr 02 01:32:35 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	1506322	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3555422	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3084850	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2362896	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	55863m	0.377	ppbv	
20) Methylene Chloride	4.35	84	44755m	0.645	ppbv	
26) Hexane	5.70	57	20992	0.128	ppbv #	44

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

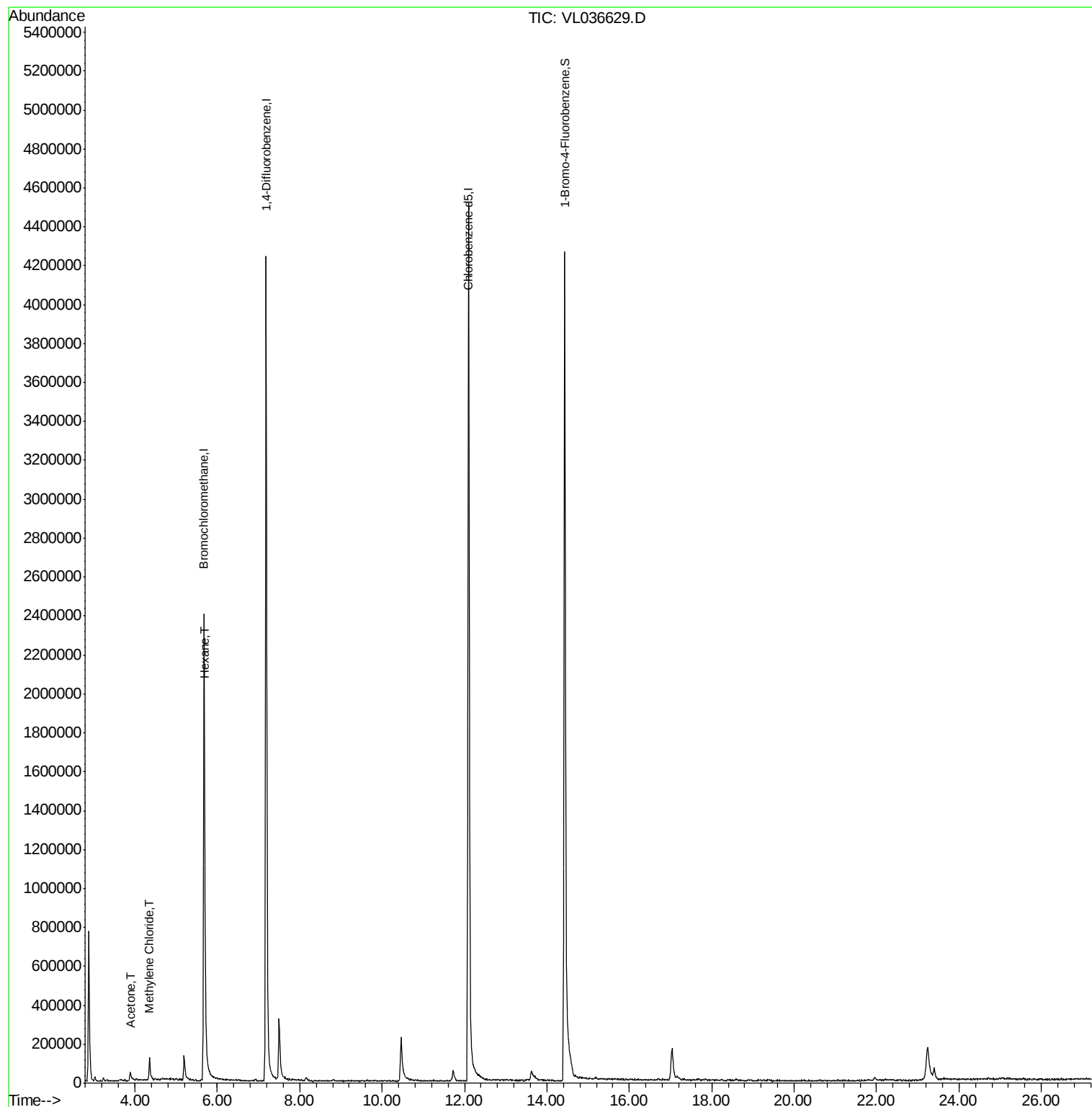
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040121\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036629.D

Acq: 1 Apr 2021 12:55

Instrument :

MSVOA_L

ClientSampleId :

QC033121 CAN 10598

Tot Ion: 49 Resp: 1506322

Ion Ratio Lower Upper

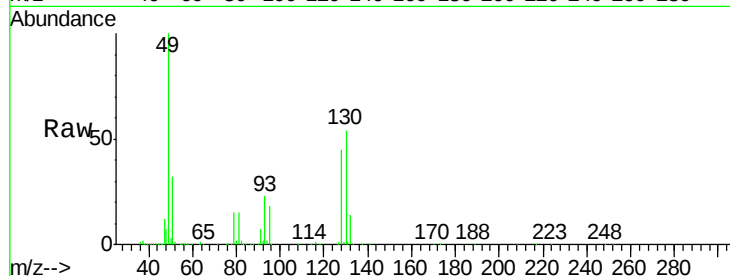
49 100

128 44.9 23.5 70.6

130 58.1 29.1 87.4

Manual Integrations
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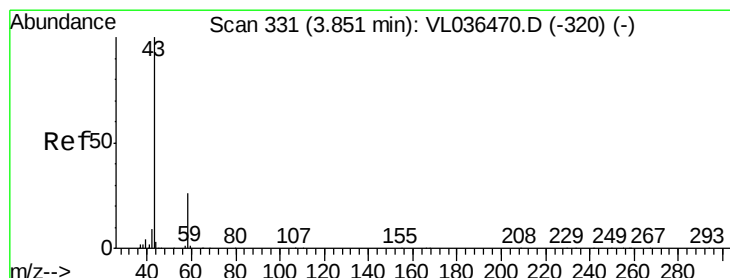
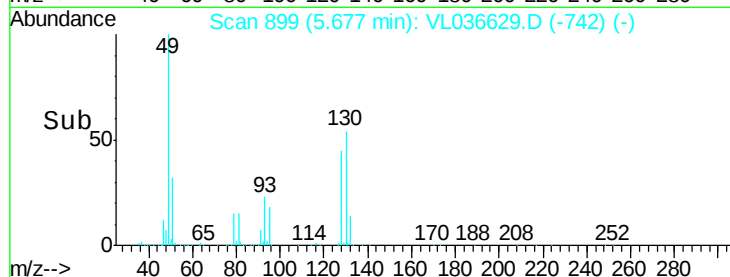
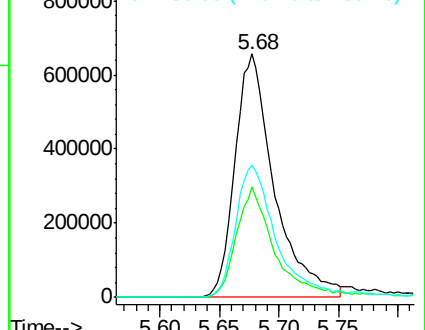
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.377 ppbv m

RT: 3.89 min Scan# 343

Delta R.T. 0.04 min

Lab File: VL036629.D

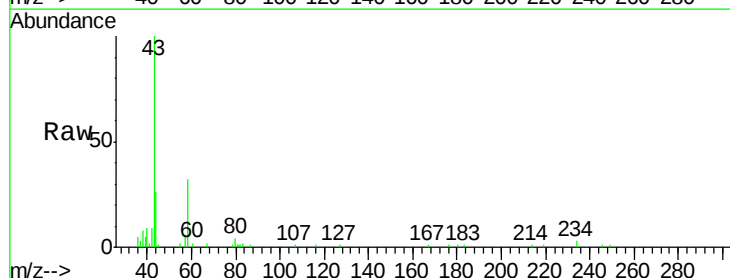
Acq: 1 Apr 2021 12:55

Tgt Ion: 43 Resp: 55863

Ion Ratio Lower Upper

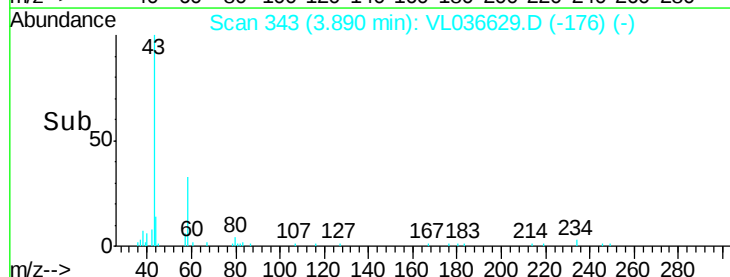
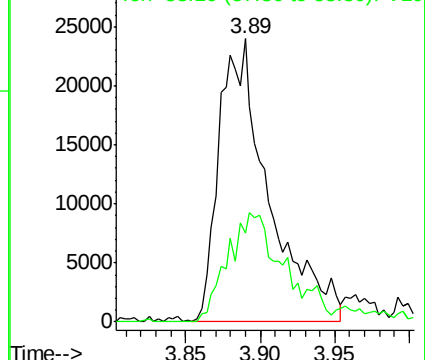
43 100

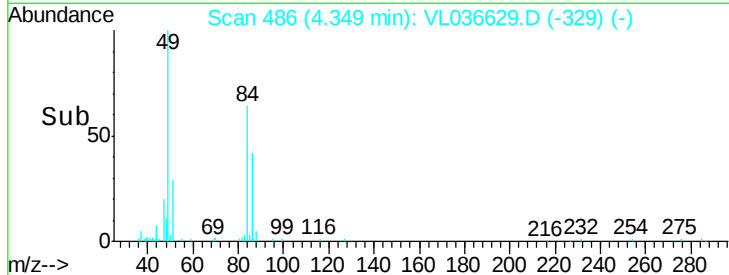
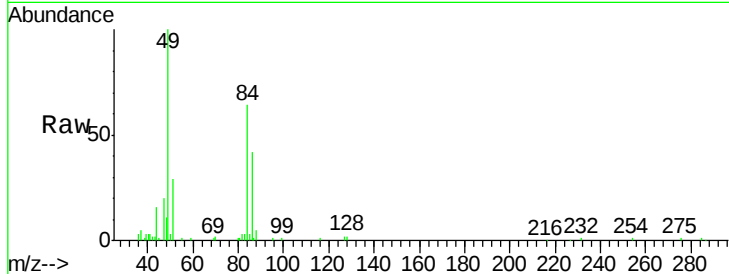
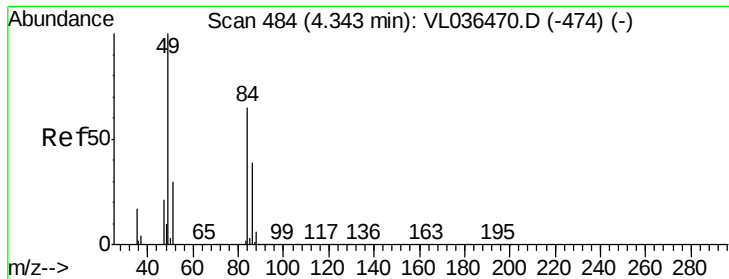
58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





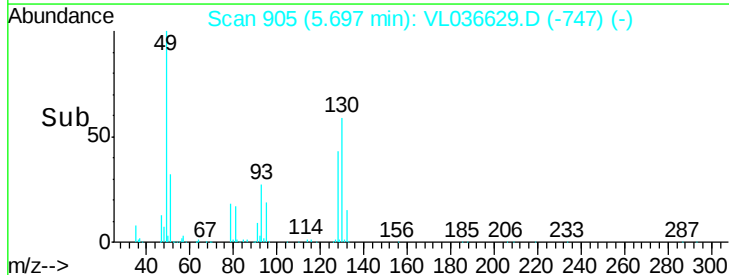
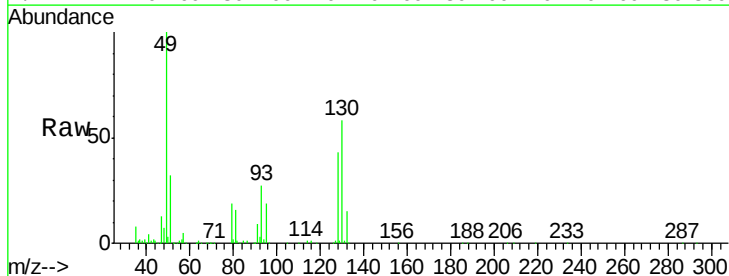
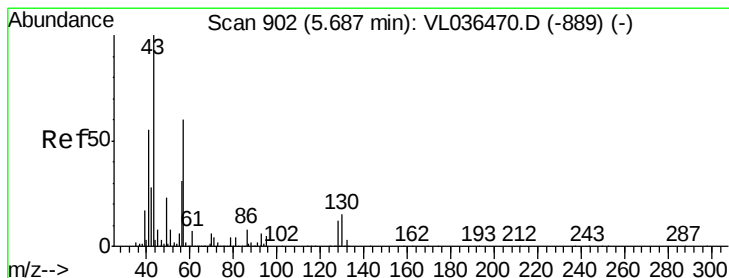
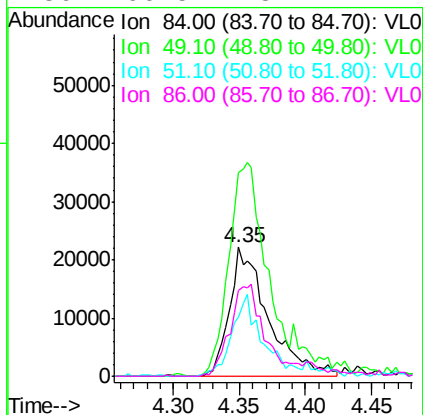
#20
Methvlene Chloride
Concen: 0.645 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL036629.D
Acq: 1 Apr 2021 12:55

Tot Ion:	84	Resp:	44755
Ion	Ratio	Lower	Upper
84	100		
49	157.2	122.9	184.3
51	45.2	36.9	55.3
86	66.5	48.2	72.4

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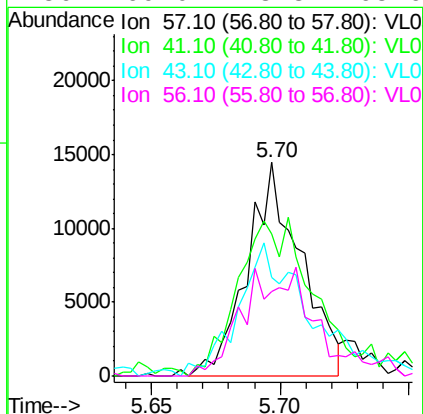
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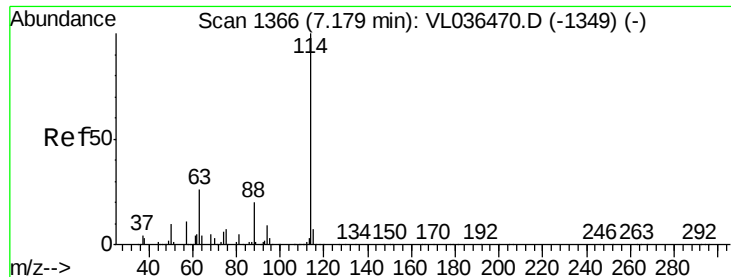
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#26
Hexane
Concen: 0.128 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036629.D
Acq: 1 Apr 2021 12:55

Tgt Ion:	57	Resp:	20992
Ion	Ratio	Lower	Upper
57	100		
41	114.5	77.2	115.8
43	86.9	173.8	260.6#
56	69.0	43.8	65.6#





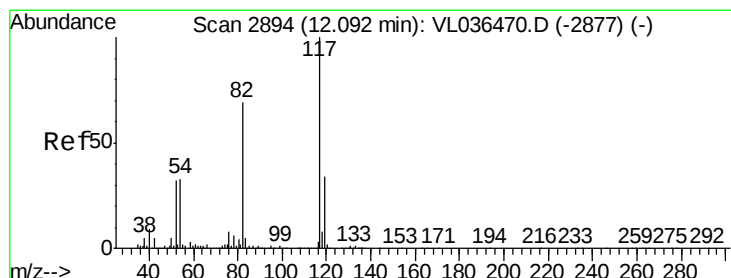
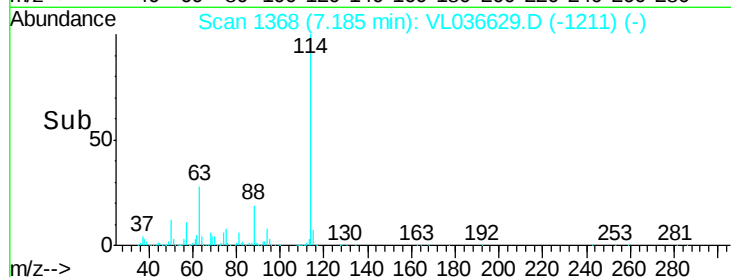
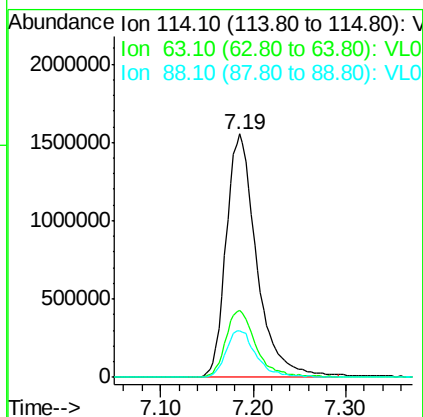
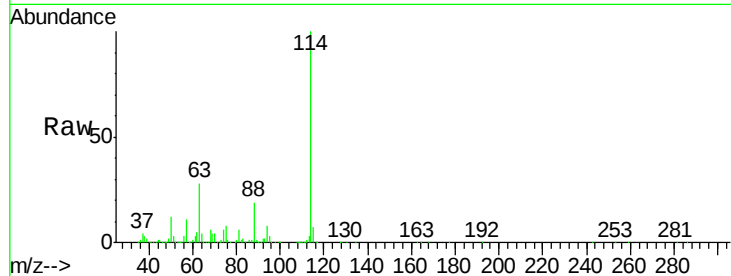
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VL036629.D
 Acq: 1 Apr 2021 12:55

Instrument :
 MSVOA_L
 ClientSampleId :
 QC033121 CAN 10598

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.4	33.6
88	19.3	15.4	23.0

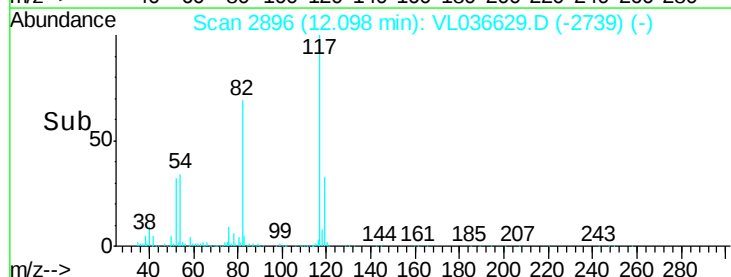
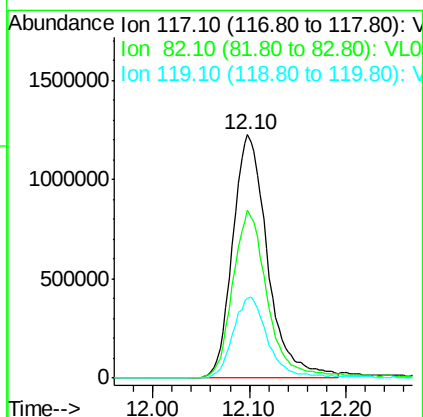
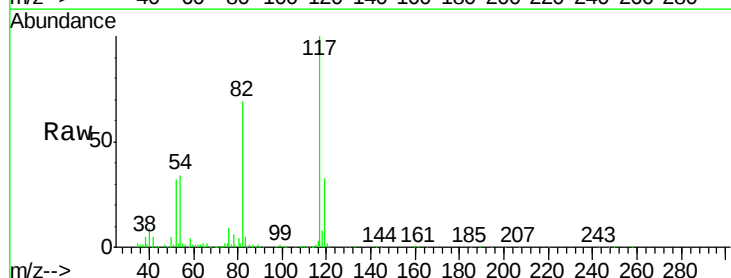
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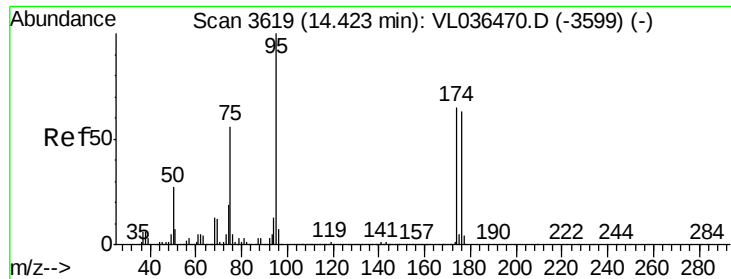
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. 0.01 min
 Lab File: VL036629.D
 Acq: 1 Apr 2021 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.1	57.4	86.0
119	33.7	47.4	71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.611 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. 0.01 min
 Lab File: VL036629.D
 Acq: 1 Apr 2021 12:55

Instrument :
 MSVOA_L
 ClientSampleId :
 QC033121 CAN 10598

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.7	51.0	76.6
175	4.5	3.9	5.9

Manual Integrations
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