

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036891.D
 Acq On : 28 Apr 2021 22:28
 Operator : SY/AP
 Sample : QC042721 CAN 10300
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042721 CAN 10300

Manual Integrations
 APPROVED

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Quant Time: Apr 29 03:57:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 2
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1350291	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3164650	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2842766	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2232238	9.78	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	34309m	0.270	ppbv	
20) Methylene Chloride	4.36	84	17217	0.283	ppbv #	82
30) Cyclohexane	7.17	84	35482m	0.308	ppbv	

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

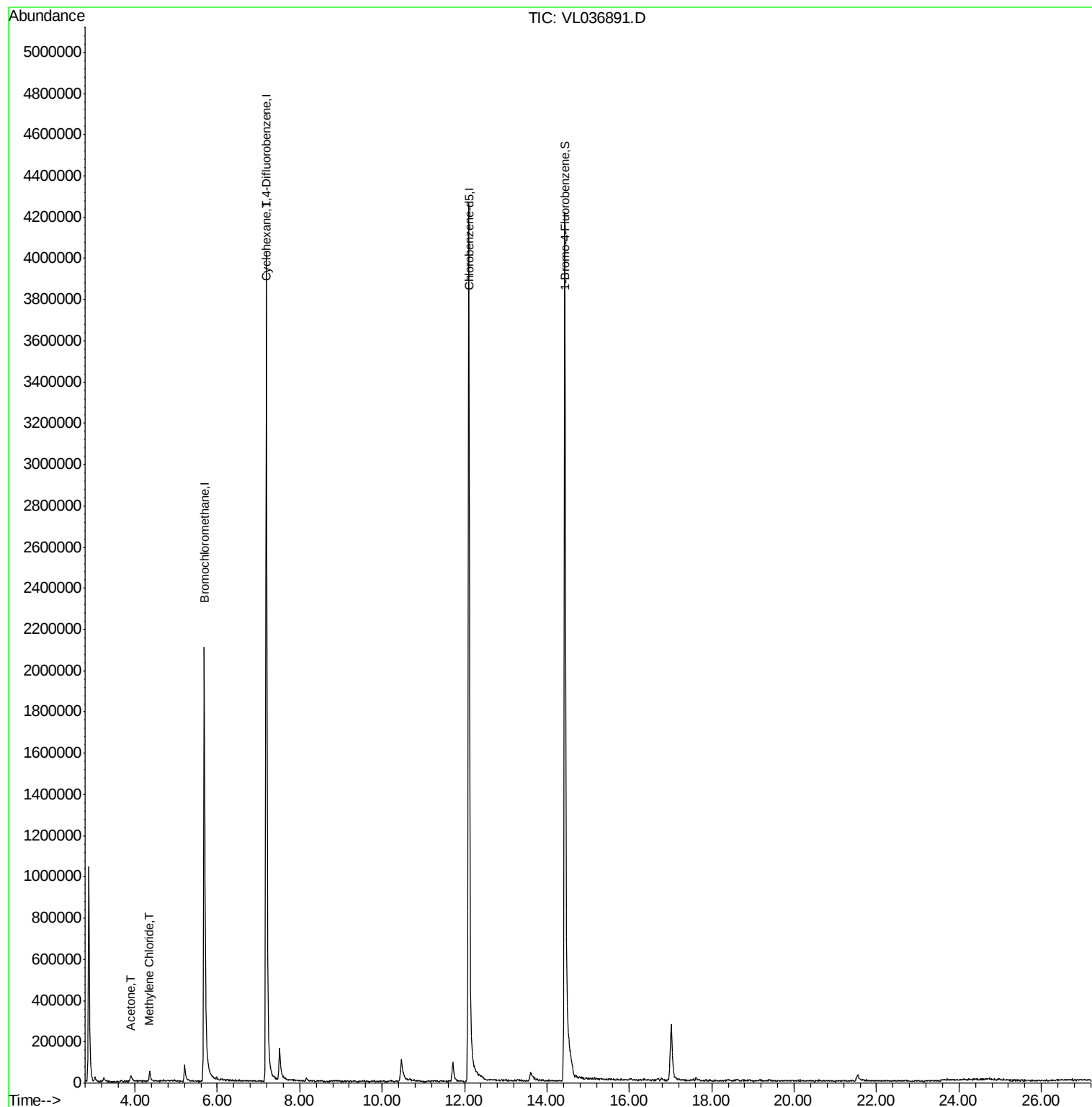
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Data File : VL036891.D
Acq On : 28 Apr 2021 22:28
Operator : SY/AP
Sample : OC042721 CAN 10300
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

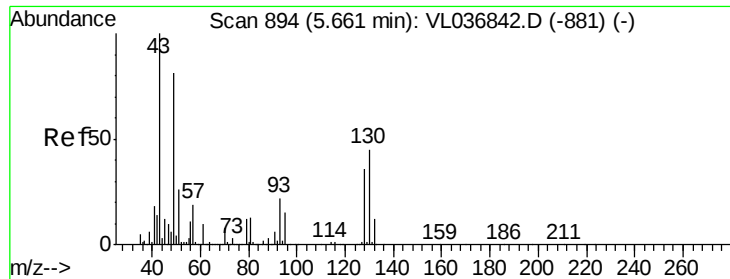
Instrument :
MSVOA_L
ClientSampleId :
QC042721 CAN 10300

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Quant Time: Apr 29 03:57:43 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration





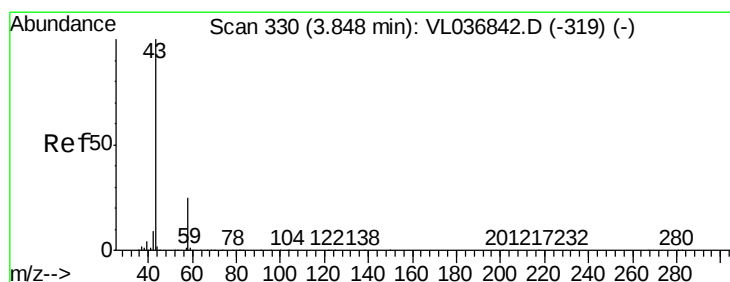
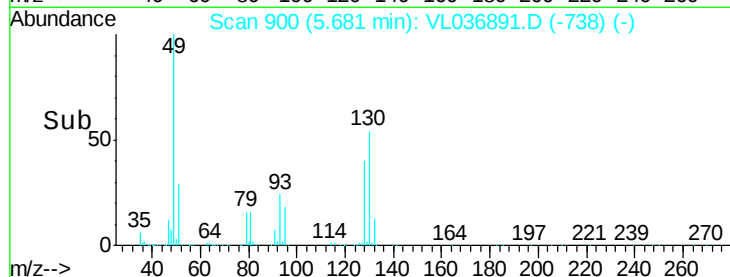
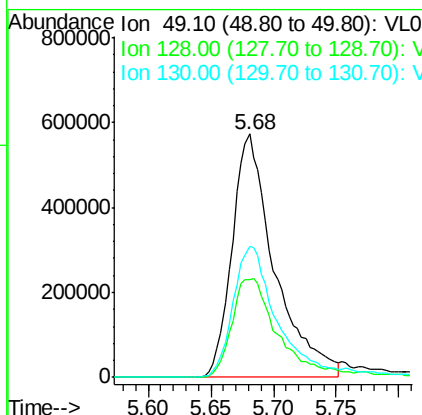
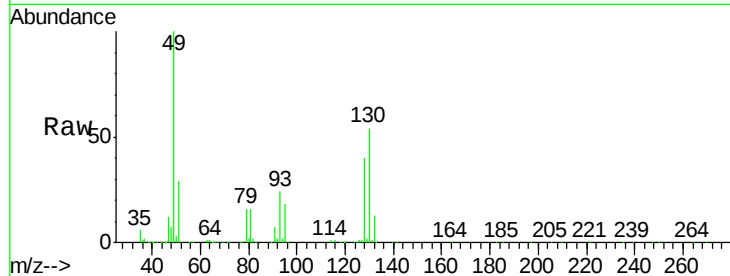
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.02 min
Lab File: VL036891.D
Acq: 28 Apr 2021 22:28

Instrument :
MSVOA_L
ClientSampleId :
QC042721 CAN 10300

Tot Ion: 49 Resp: 1350291
Ion Ratio Lower Upper
49 100
128 47.2 24.4 73.2
130 58.6 30.3 90.8

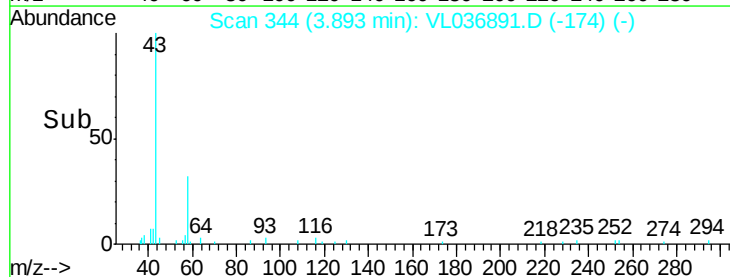
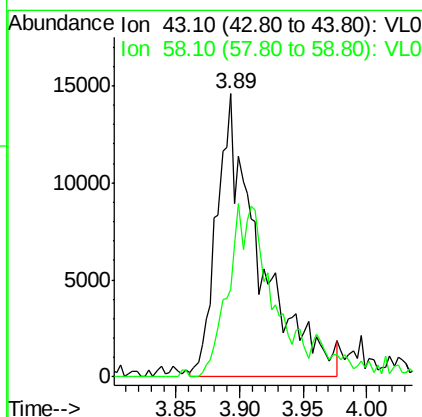
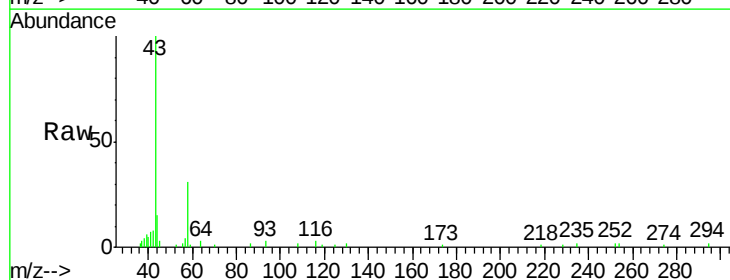
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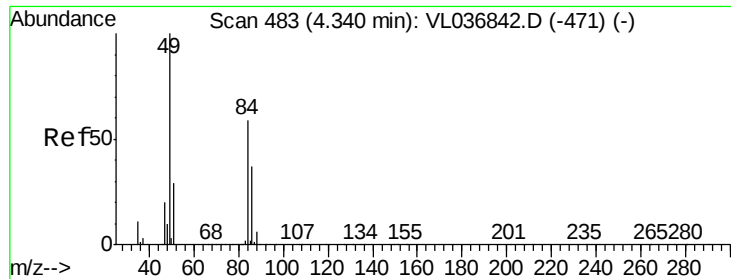
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#15
Acetone
Concen: 0.270 ppbv m
RT: 3.89 min Scan# 344
Delta R.T. 0.05 min
Lab File: VL036891.D
Acq: 28 Apr 2021 22:28

Tgt Ion: 43 Resp: 34309
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#





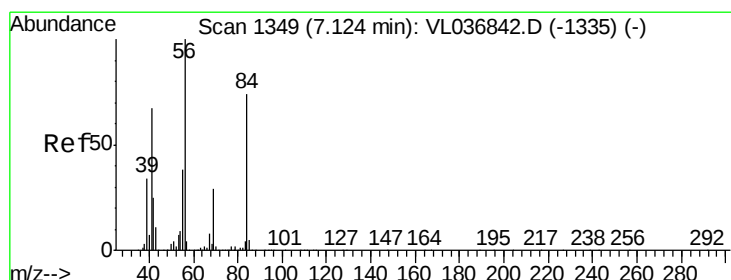
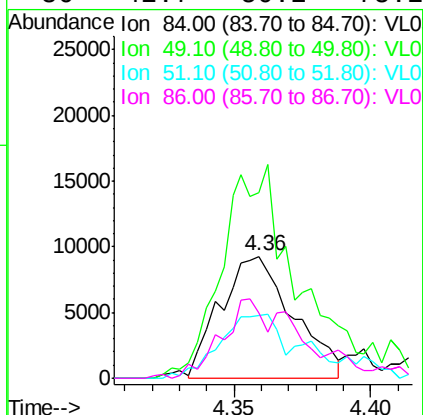
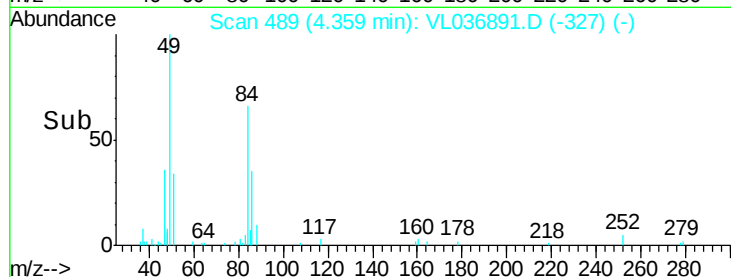
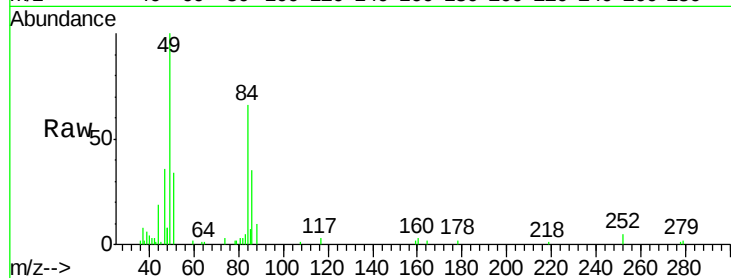
#20
Methvlene Chloride
Concen: 0.283 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL036891.D
Acq: 28 Apr 2021 22:28

Instrument :
MSVOA_L
ClientSampleId :
QC042721 CAN 10300

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	143.1	135.4	203.0	
51	44.5	39.3	58.9	
86	42.7	50.2	75.2	

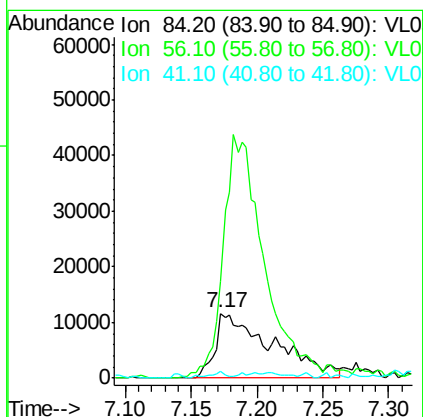
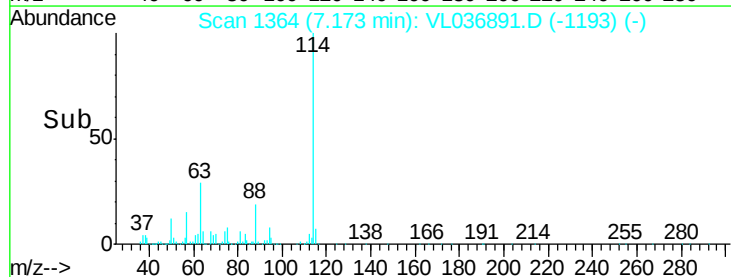
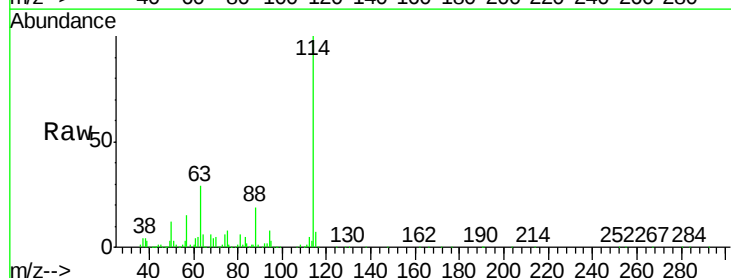
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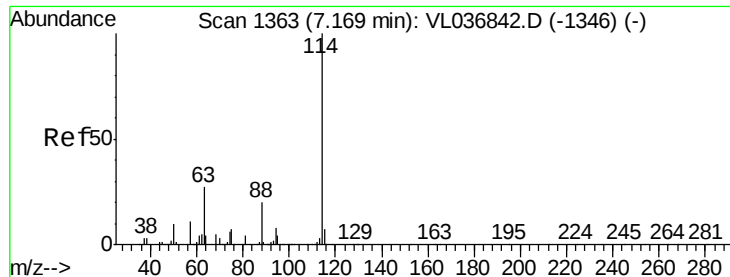
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#30
Cyclohexane
Concen: 0.308 ppbv m
RT: 7.17 min Scan# 1364
Delta R.T. 0.05 min
Lab File: VL036891.D
Acq: 28 Apr 2021 22:28

Tgt Ion	Ion	Ratio	Lower	Upper
84	100			
56	0.0	115.8	173.6	
41	10.6	74.6	111.8	





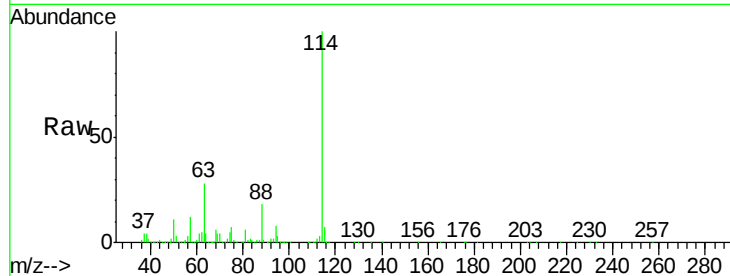
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.02 min
 Lab File: VL036891.D
 Acq: 28 Apr 2021 22:28

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042721 CAN 10300

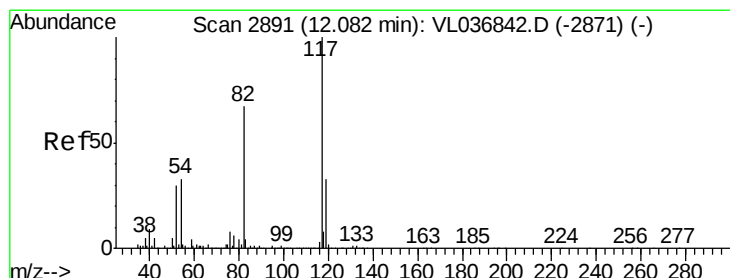
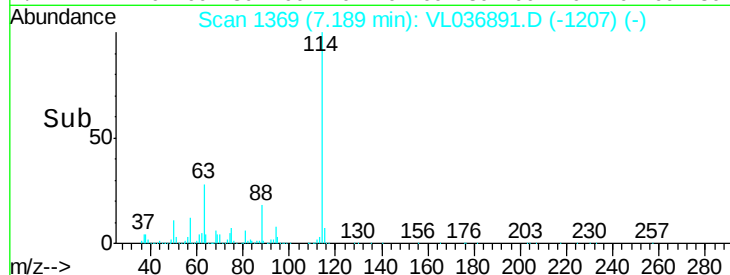
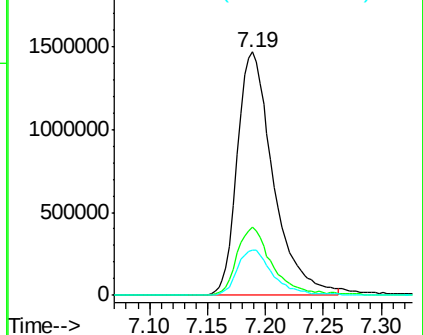
Tot Ion	Ratio	Lower	Upper
114	100		
63	27.8	21.9	32.9
88	18.8	15.1	22.7

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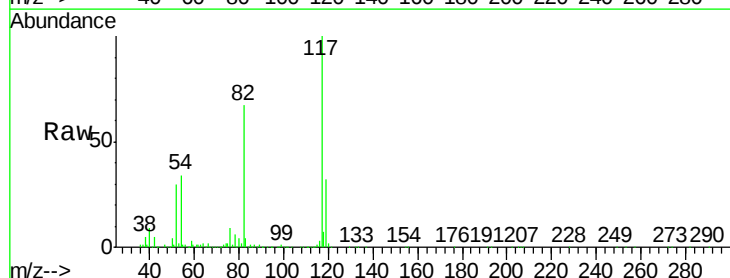


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

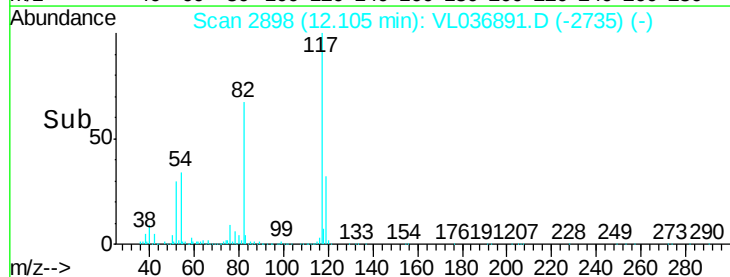
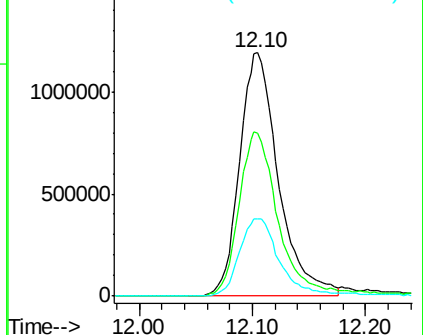


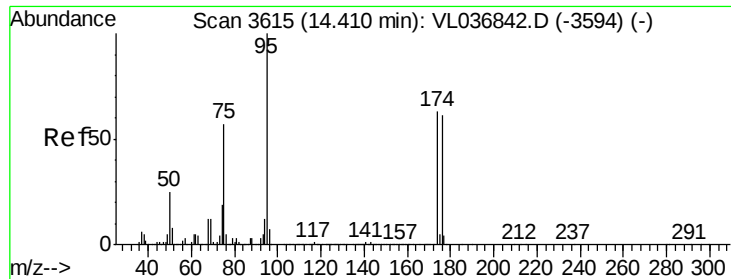
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. 0.02 min
 Lab File: VL036891.D
 Acq: 28 Apr 2021 22:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.4	53.5	80.3
119	33.6	25.6	38.4



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.782 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. 0.02 min
 Lab File: VL036891.D
 Acq: 28 Apr 2021 22:28

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042721 CAN 10300

Tot Ion	Ratio	Lower	Upper
95	100		
174	67.2	52.2	78.2
175	4.9	4.0	6.0

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