

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036885.D
 Acq On : 28 Apr 2021 18:40
 Operator : SY/AP
 Sample : M2201-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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 4/29/2021 5:53:32 PM

Quant Time: Apr 29 12:27:13 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	5.69	49	1318057	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3255019	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2854349	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2297114	10.03	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	35929m	3.851	ppbv	
15) Acetone	3.89	43	85426m	0.688	ppbv	
19) Isopropyl Alcohol	4.03	45	19079m	0.310	ppbv	
20) Methylene Chloride	4.36	84	53744	0.905	ppbv	83

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

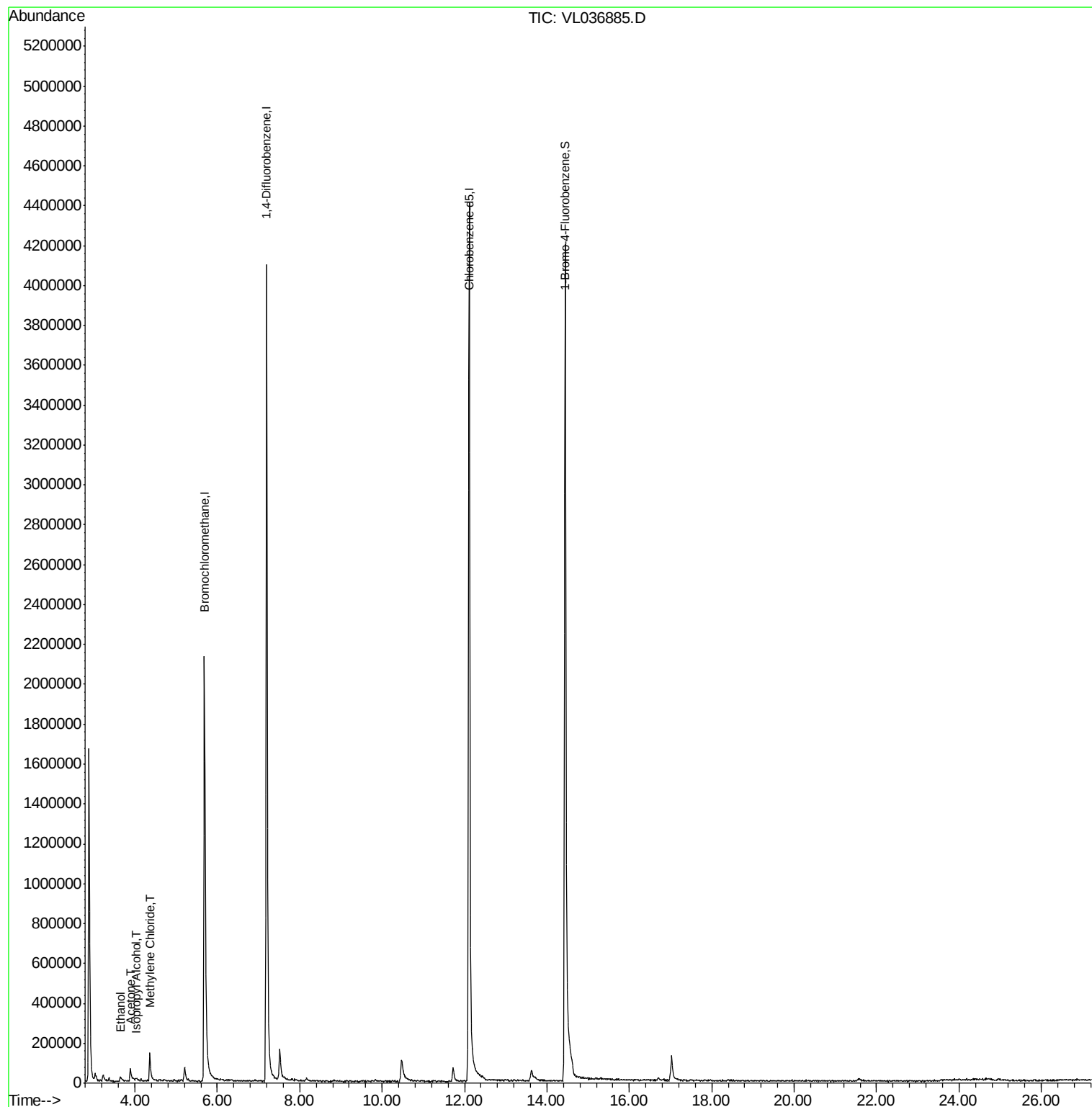
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Data File : VL036885.D
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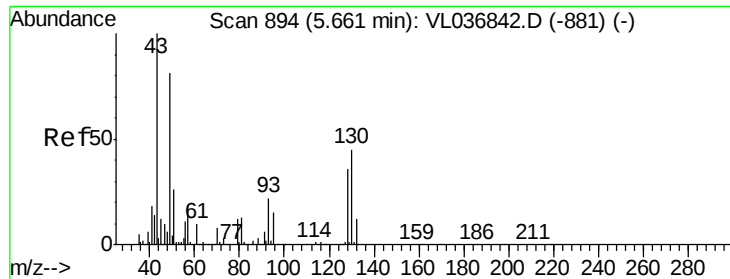
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration





#1

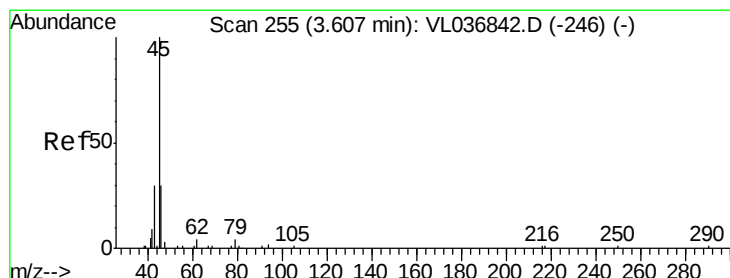
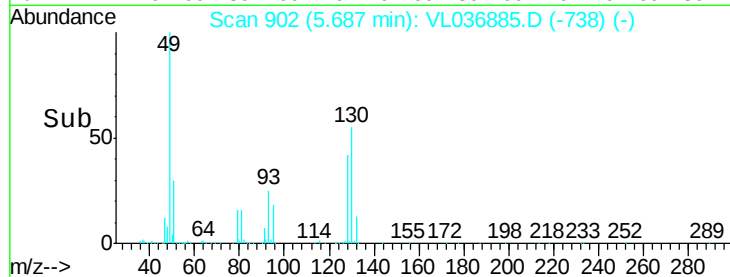
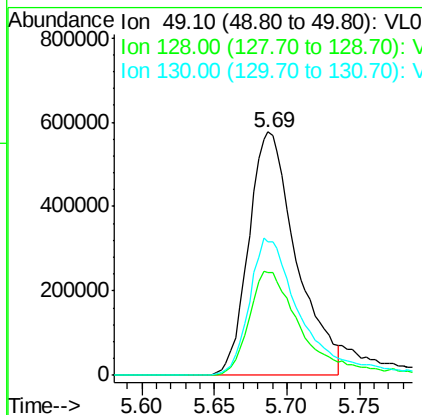
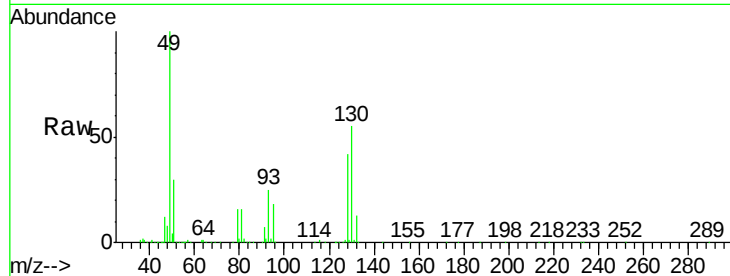
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.03 min
 Lab File: VL036885.D
 Acq: 28 Apr 2021 18:40

Instrument :
 MSVOA_L
 ClientSampled :
 OA1DL

Tot Ion: 49 Resp: 1318057
 Ion Ratio Lower Upper
 49 100
 128 49.1 24.4 73.2
 130 62.8 30.3 90.8

Manual Integrations
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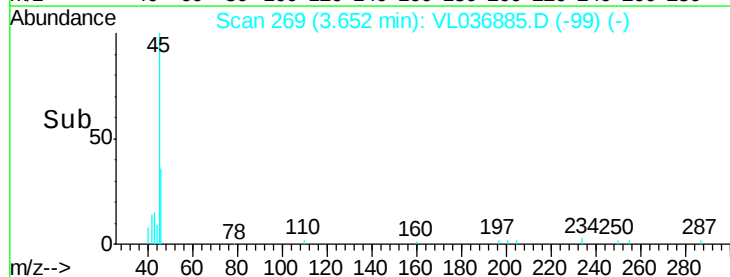
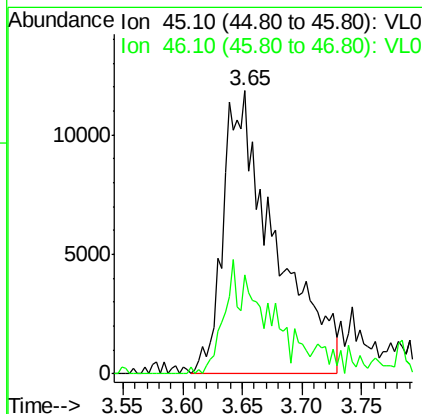
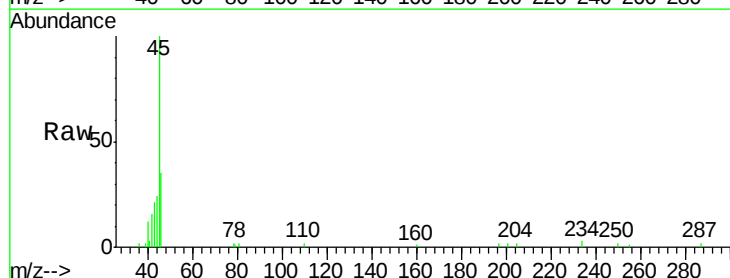
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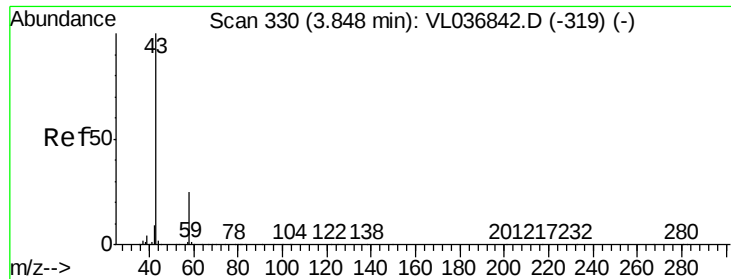


#13

Ethanol
 Concen: 3.851 ppbv m
 RT: 3.65 min Scan# 269
 Delta R.T. 0.05 min
 Lab File: VL036885.D
 Acq: 28 Apr 2021 18:40

Tgt Ion: 45 Resp: 35929
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.8 67.4#





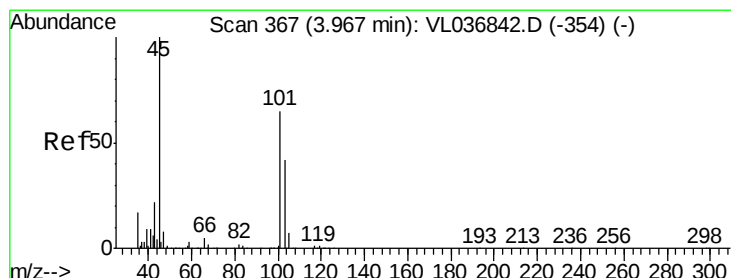
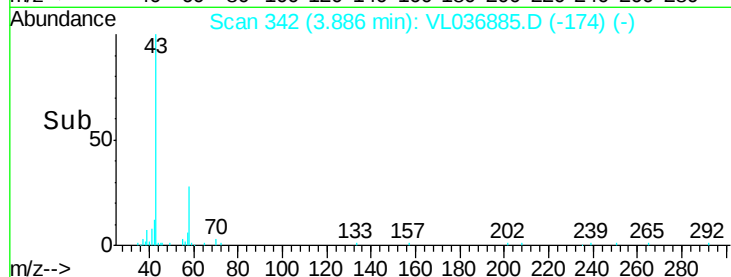
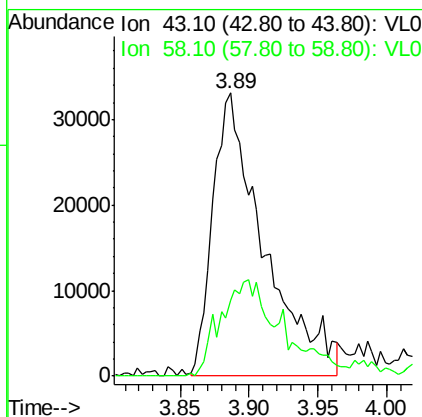
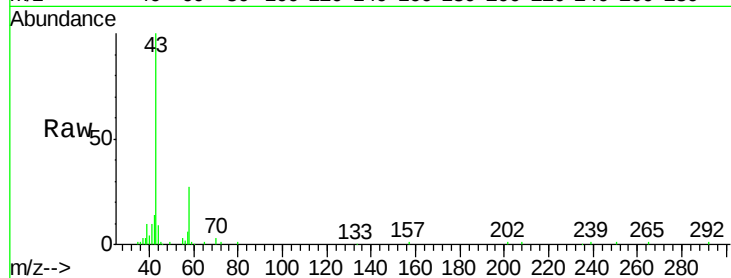
#15
Acetone
Concen: 0.688 ppbv m
RT: 3.89 min Scan# 342
Delta R.T. 0.04 min
Lab File: VL036885.D
Acq: 28 Apr 2021 18:40

Instrument :
MSVOA_L
ClientSampleId :
QA1DL

Tot Ion: 43 Resp: 85426
Ion Ratio Lower Upper
43 100
58 40.9 21.7 32.5#

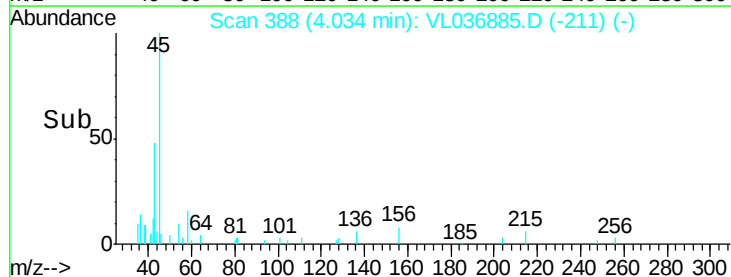
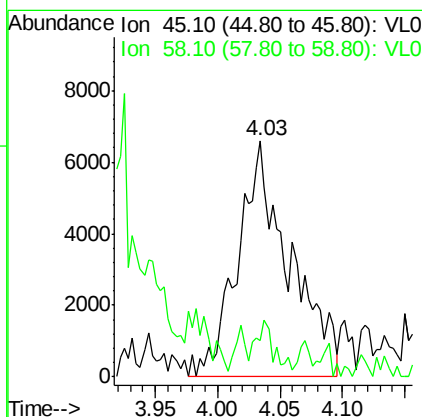
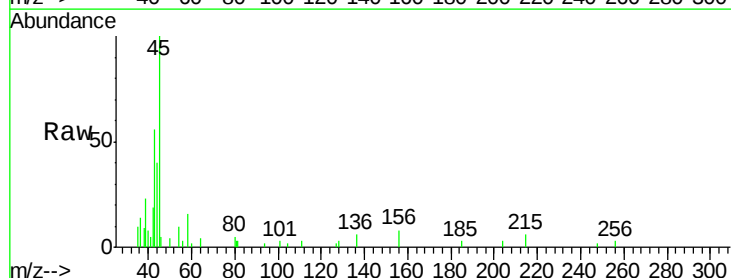
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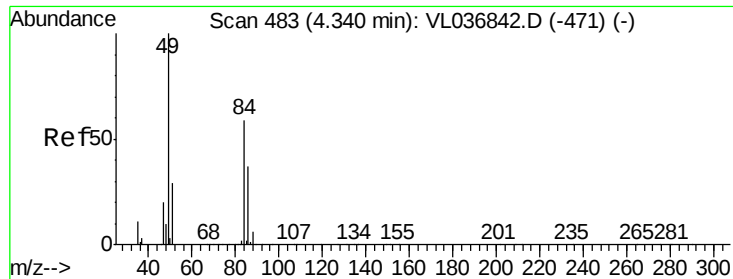
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#19
Isopropyl Alcohol
Concen: 0.310 ppbv m
RT: 4.03 min Scan# 388
Delta R.T. 0.07 min
Lab File: VL036885.D
Acq: 28 Apr 2021 18:40

Tgt Ion: 45 Resp: 19079
Ion Ratio Lower Upper
45 100
58 12.6 2.8 4.2#





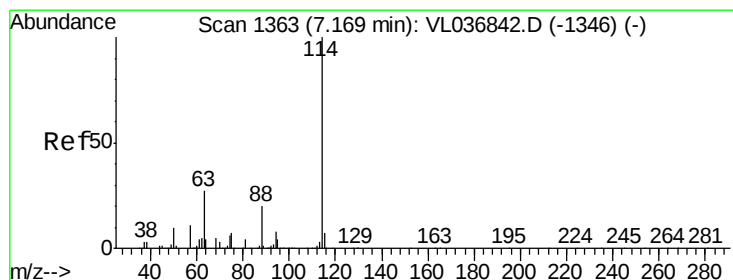
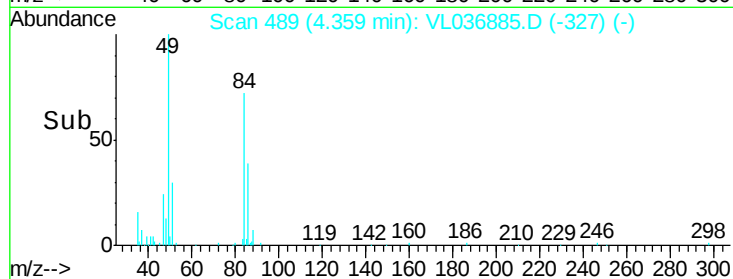
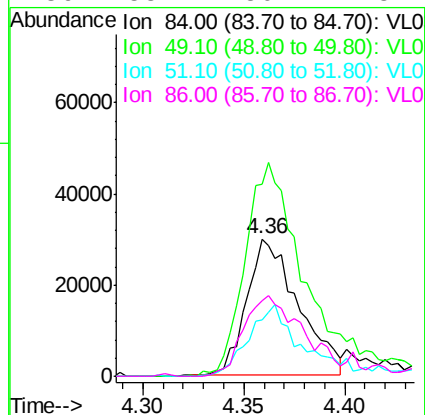
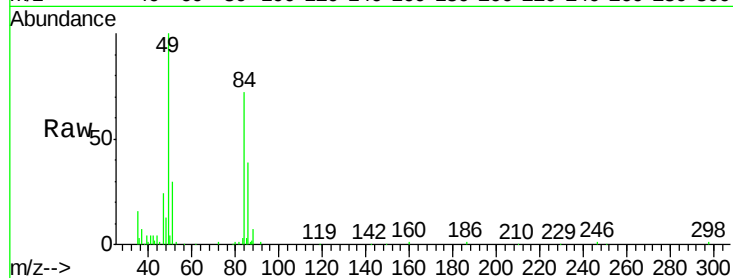
#20
Methylene Chloride
Concen: 0.905 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL036885.D
Acq: 28 Apr 2021 18:40

Instrument :
MSVOA_L
ClientSampled :
QA1DL

Tot Ion:	84	Resp:	53744
Ion	Ratio	Lower	Upper
84	100		
49	139.5	135.4	203.0
51	41.6	39.3	58.9
86	55.1	50.2	75.2

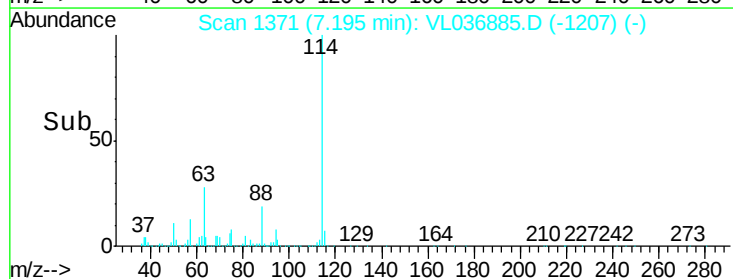
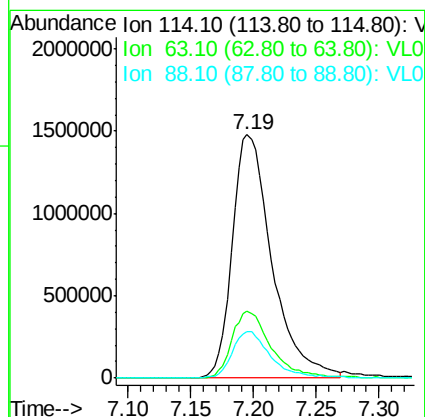
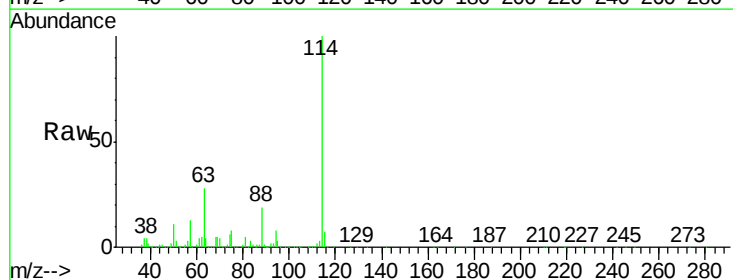
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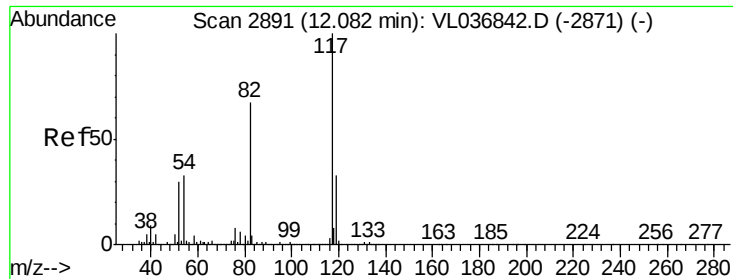
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. 0.03 min
Lab File: VL036885.D
Acq: 28 Apr 2021 18:40

Tgt Ion:	114	Resp:	3255019
Ion	Ratio	Lower	Upper
114	100		
63	27.8	21.9	32.9
88	19.0	15.1	22.7





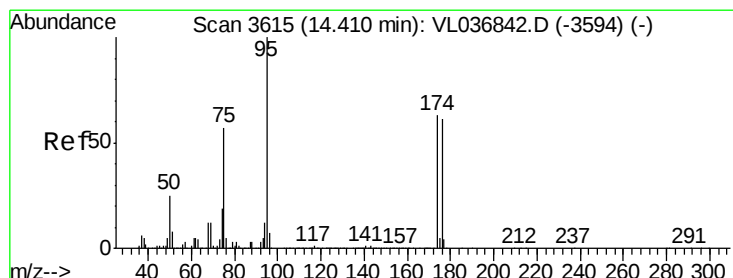
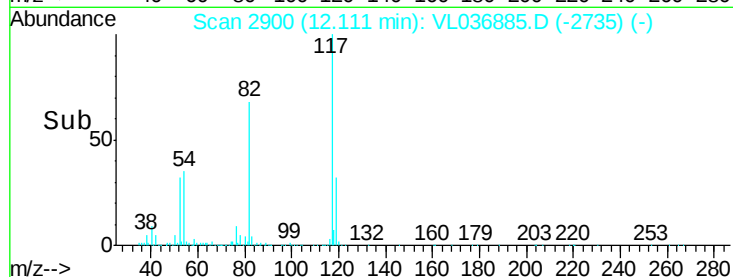
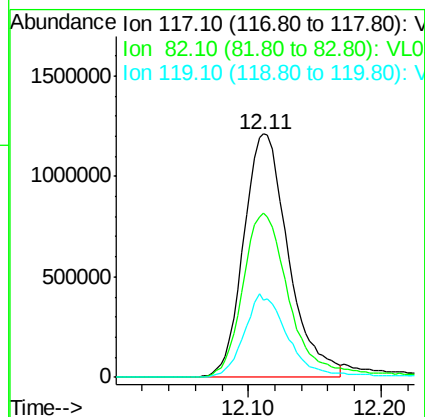
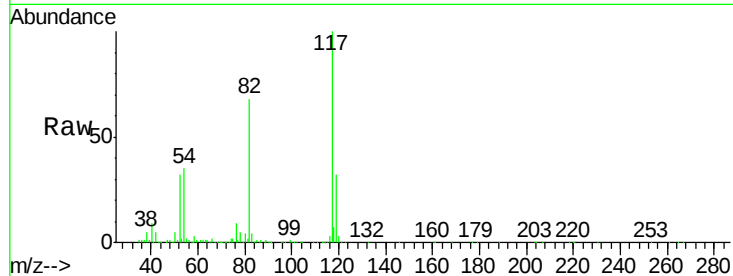
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.03 min
Lab File: VL036885.D
Acq: 28 Apr 2021 18:40

Instrument :
MSVOA_L
ClientSampleId :
QA1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.7	53.5	80.3
119	34.5	25.6	38.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.025 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. 0.03 min
Lab File: VL036885.D
Acq: 28 Apr 2021 18:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.3	52.2	78.2
175	4.5	4.0	6.0

