

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036264.D
 Acq On : 22 Jan 2021 13:13
 Operator : SY/AP
 Sample : OC122320 CAN 10448
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122320 CAN 10448

Manual Integrations
 APPROVED

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 1/26/2021 12:58:27 PM

Quant Time: Jan 23 04:45:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1604241	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	3411365m	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3022771	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2481699	9.92	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	10187m	0.109	ppbv	
15) Acetone	3.88	43	60348m	0.307	ppbv	
20) Methylene Chloride	4.36	84	76386m	1.218	ppbv	
26) Hexane	5.70	57	61587m	0.375	ppbv	

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

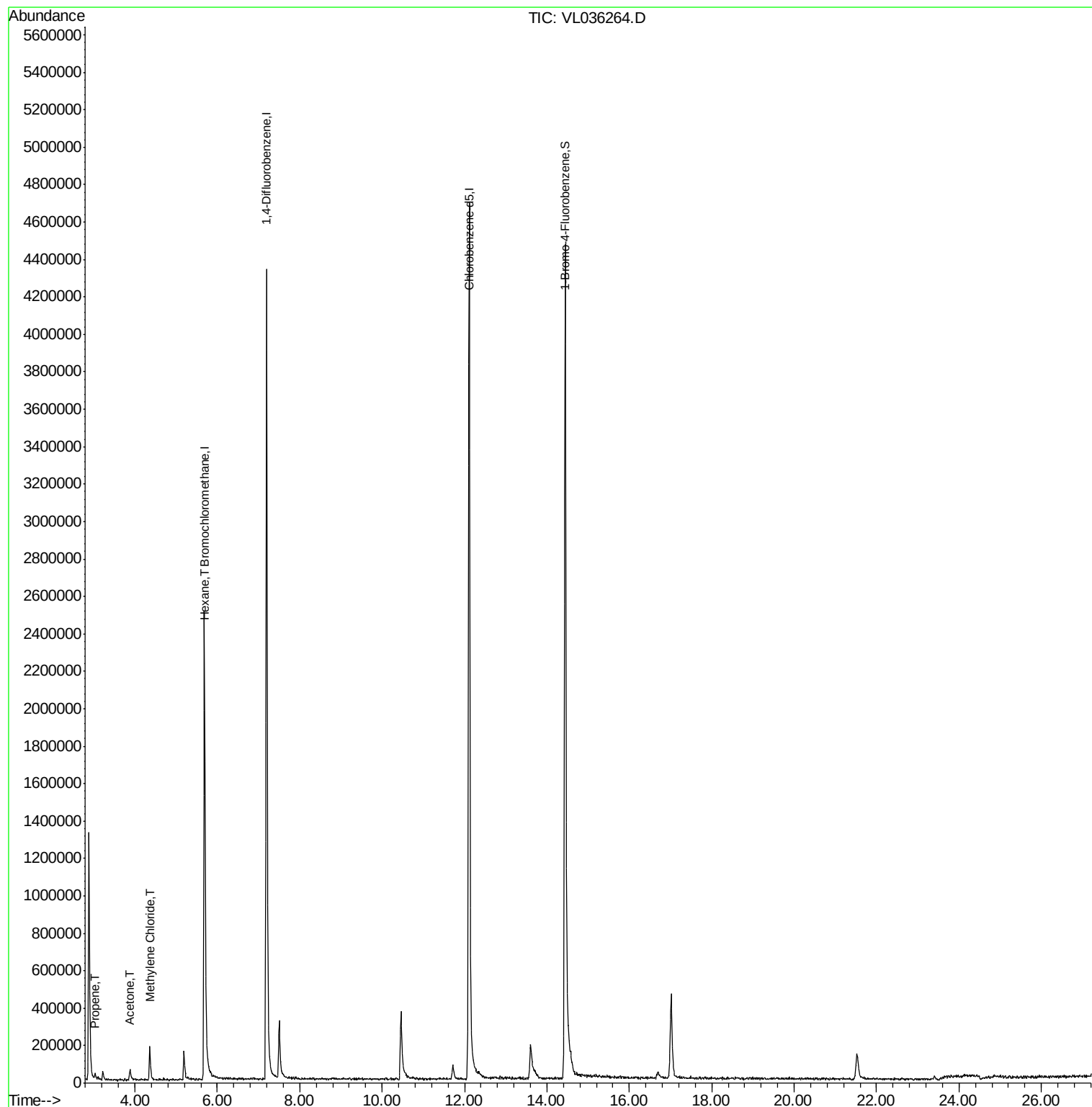
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012221\
Data File : VL036264.D
Acq On : 22 Jan 2021 13:13
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

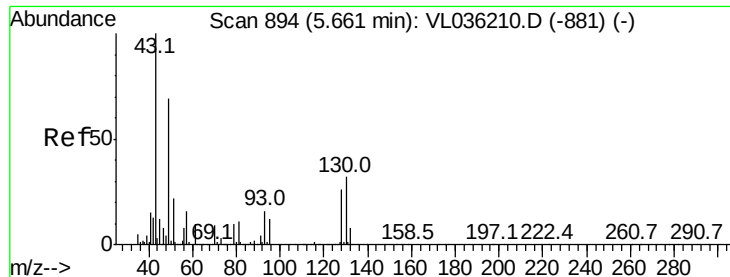
Instrument :
MSVOA_L
ClientSampleId :
QC122320 CAN 10448

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 14 16:13:38 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: VL036264.D

Acq: 22 Jan 2021 13:13

Instrument :

MSVOA_L

ClientSampleId :

QC122320 CAN 10448

Tot Ion: 49 Resp: 1604241

Ion Ratio Lower Upper

49 100

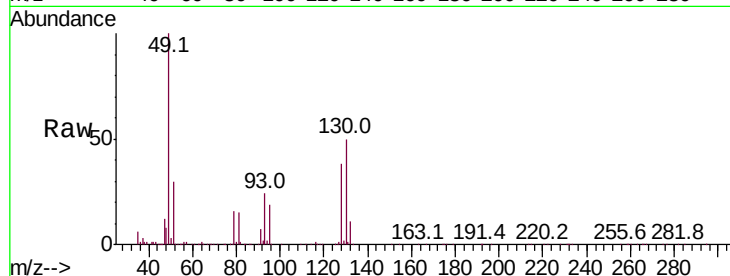
128 38.5 20.1 60.2

130 51.0 25.3 75.9

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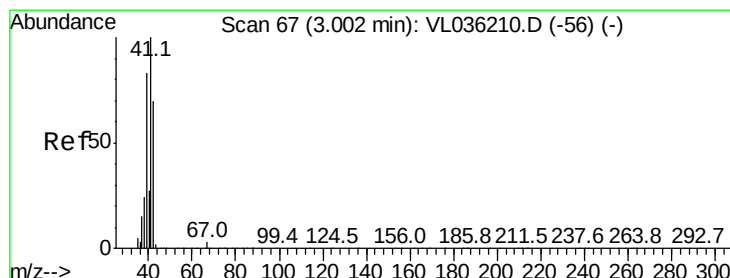
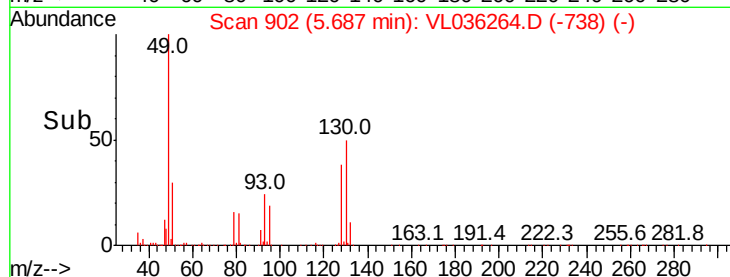
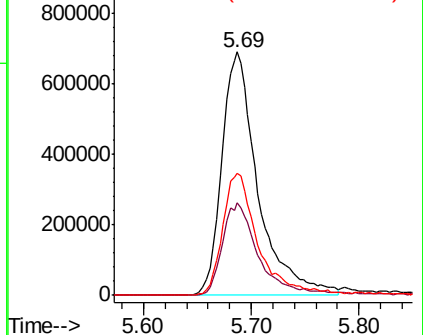
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.109 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. 0.03 min

Lab File: VL036264.D

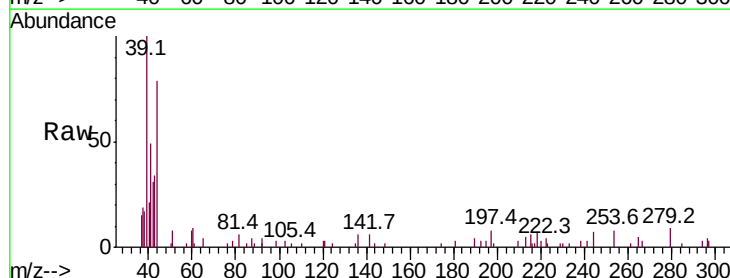
Acq: 22 Jan 2021 13:13

Tgt Ion: 41 Resp: 10187

Ion Ratio Lower Upper

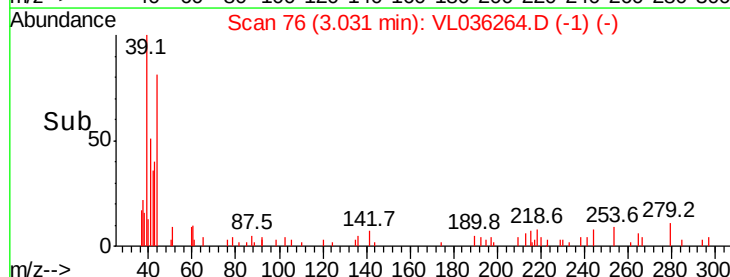
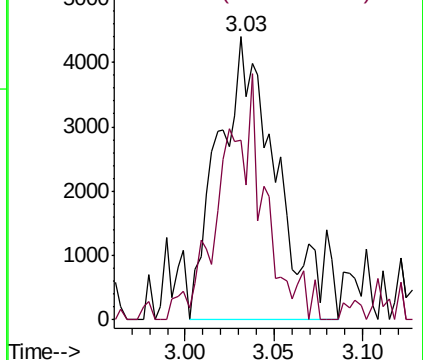
41 100

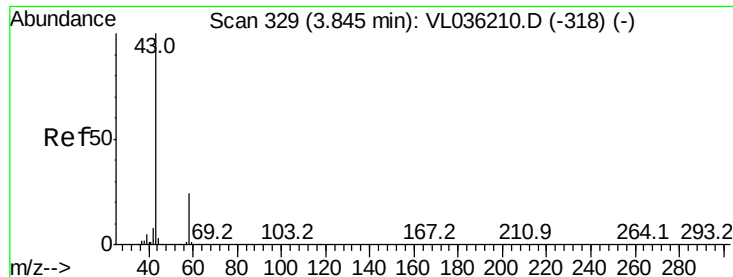
42 0.0 57.1 85.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





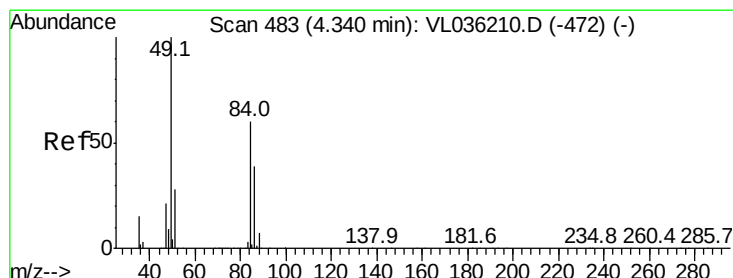
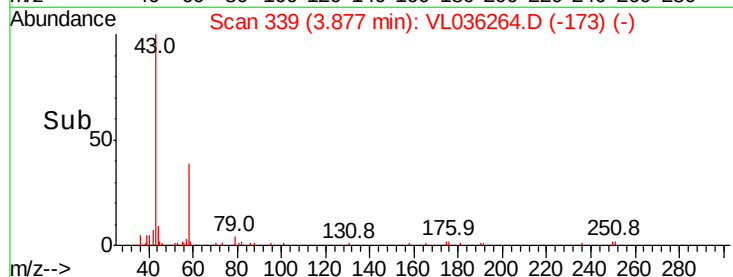
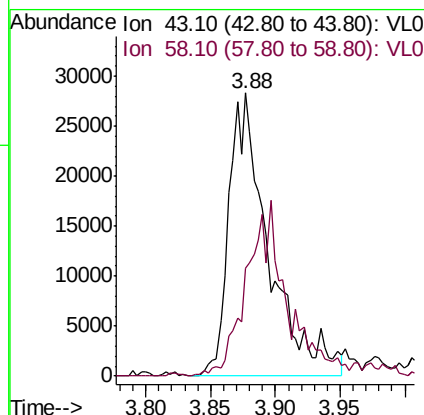
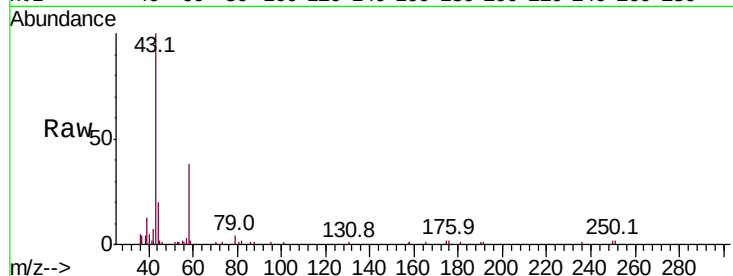
#15
Acetone
Concen: 0.307 ppbv m
RT: 3.88 min Scan# 339
Delta R.T. 0.03 min
Lab File: VL036264.D
Acq: 22 Jan 2021 13:13

Instrument :
MSVOA_L
ClientSampleId :
QC122320 CAN 10448

Tot Ion: 43 Resp: 60348
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#

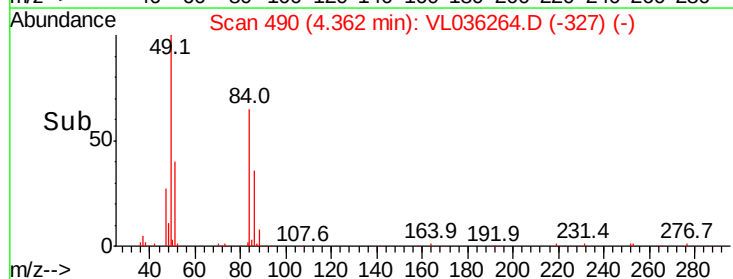
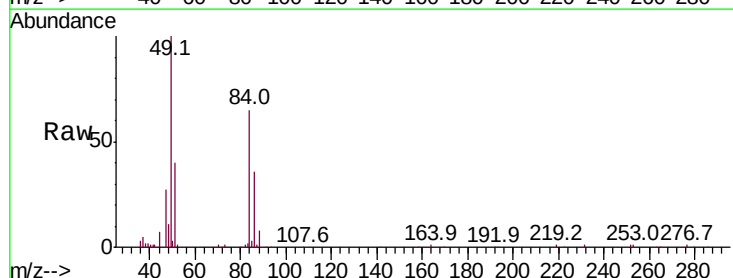
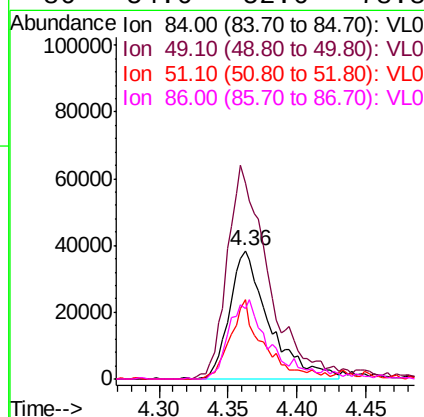
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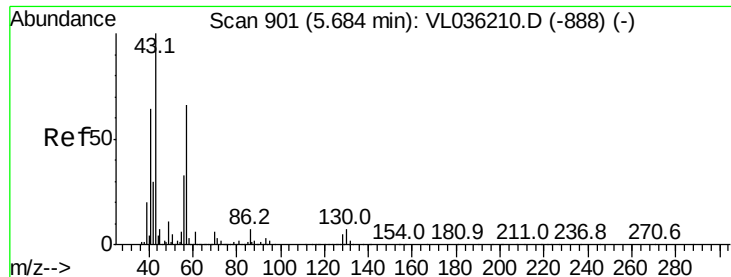
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#20
Methylene Chloride
Concen: 1.218 ppbv m
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL036264.D
Acq: 22 Jan 2021 13:13

Tgt Ion: 84 Resp: 76386
Ion Ratio Lower Upper
84 100
49 152.8 134.1 201.1
51 61.5 37.4 56.0#
86 54.6 52.6 78.8





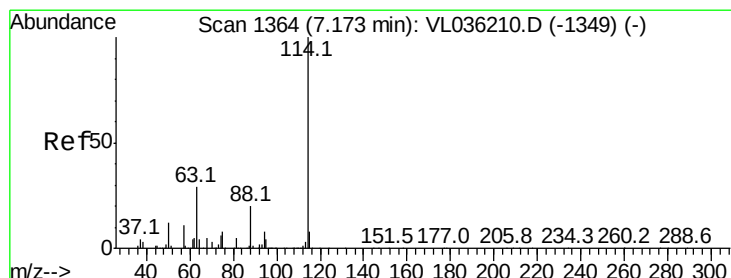
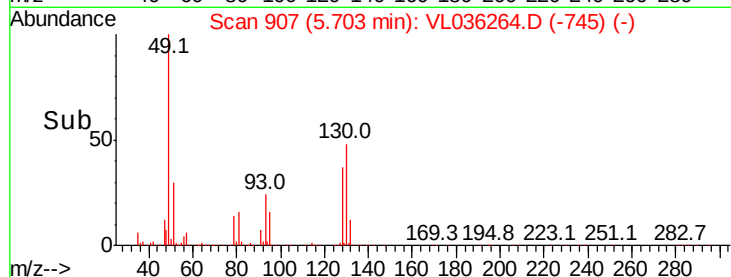
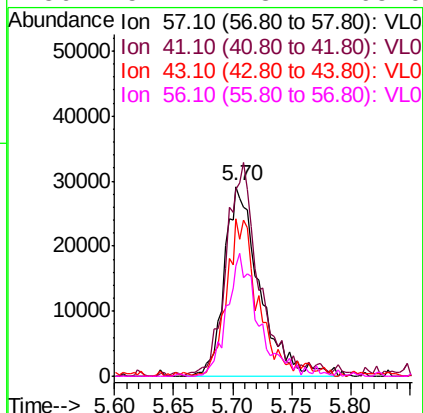
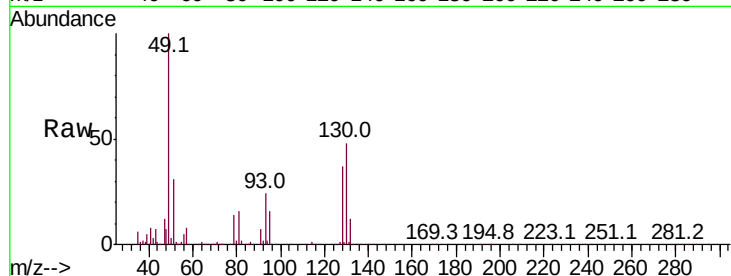
#26
Hexane
Concen: 0.375 ppbv m
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL036264.D
Acq: 22 Jan 2021 13:13

Instrument :
MSVOA_L
ClientSampleId :
QC122320 CAN 10448

Tot Ion	Ratio	Lower	Upper
57	100		
41	109.8	83.0	124.6
43	78.2	202.4	303.6#
56	57.7	43.4	65.0

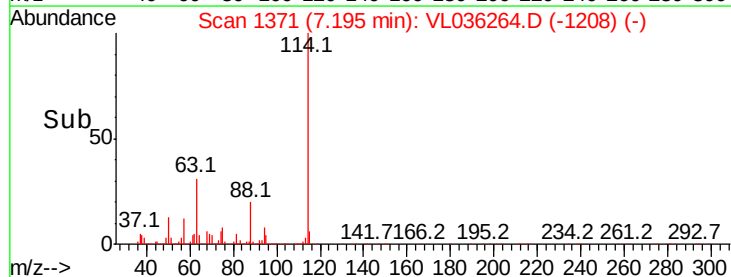
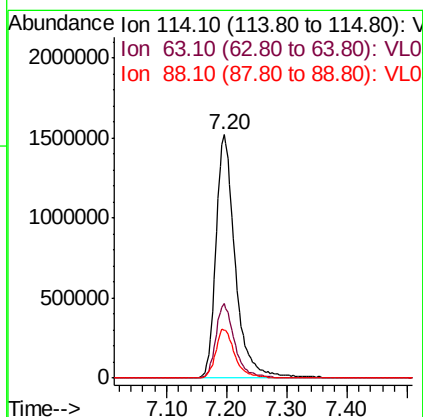
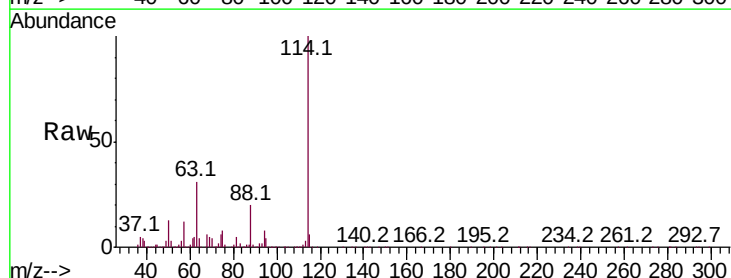
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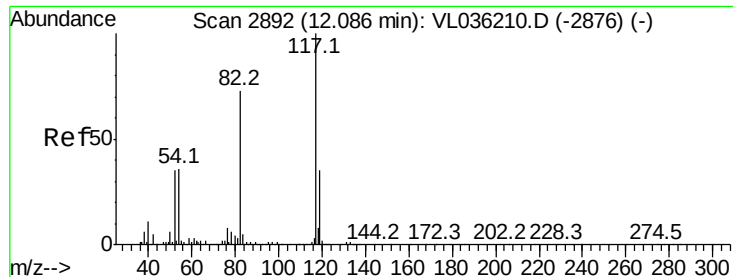
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv m
RT: 7.20 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VL036264.D
Acq: 22 Jan 2021 13:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	0.0	24.7	37.1#
88	0.0	16.6	24.8#





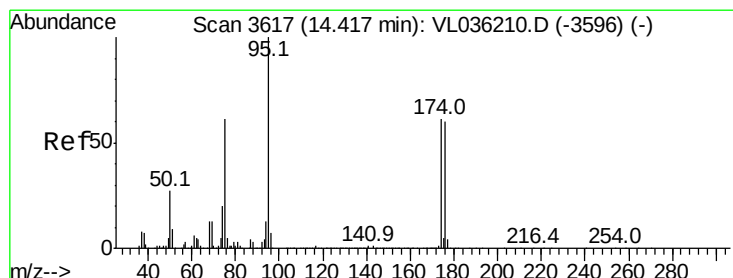
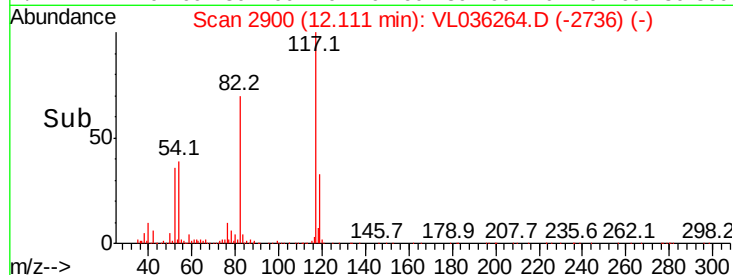
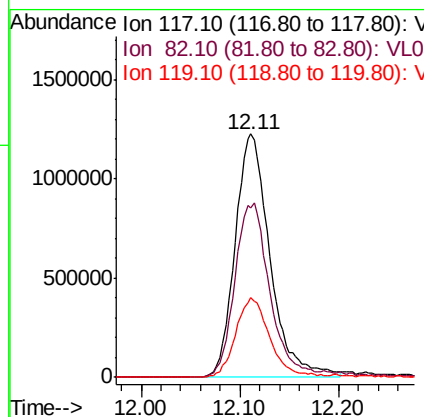
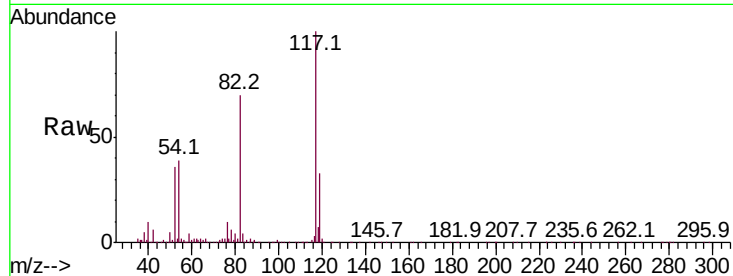
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.03 min
Lab File: VL036264.D
Acq: 22 Jan 2021 13:13

Instrument :
MSVOA_L
ClientSampleId :
QC122320 CAN 10448

Tot Ion	Ratio	Lower	Upper
117	100		
82	75.1	59.7	89.5
119	33.5	28.6	43.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.919 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. 0.03 min
Lab File: VL036264.D
Acq: 22 Jan 2021 13:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	62.6	49.4	74.0
175	4.4	3.8	5.8

