

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
 Data File : VL036457.D
 Acq On : 19 Mar 2021 22:03
 Operator :
 Sample : OC030821 CAN 10725
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030821 CAN 10725

Manual Integrations
 APPROVED

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 3/24/2021 6:14:50 PM

Quant Time: Mar 20 01:03:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1553097	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	3429934	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3118038	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2628434	10.25	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	11781m	0.147	ppbv	
13) Ethanol	3.61	45	24148m	1.966	ppbv	
15) Acetone	3.83	43	94647m	0.533	ppbv	
20) Methylene Chloride	4.32	84	165534	2.767	ppbv	93
26) Hexane	5.66	57	101800	0.721	ppbv #	35
52) Tetrachloroethene	11.18	164	6642m	0.067	ppbv	

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

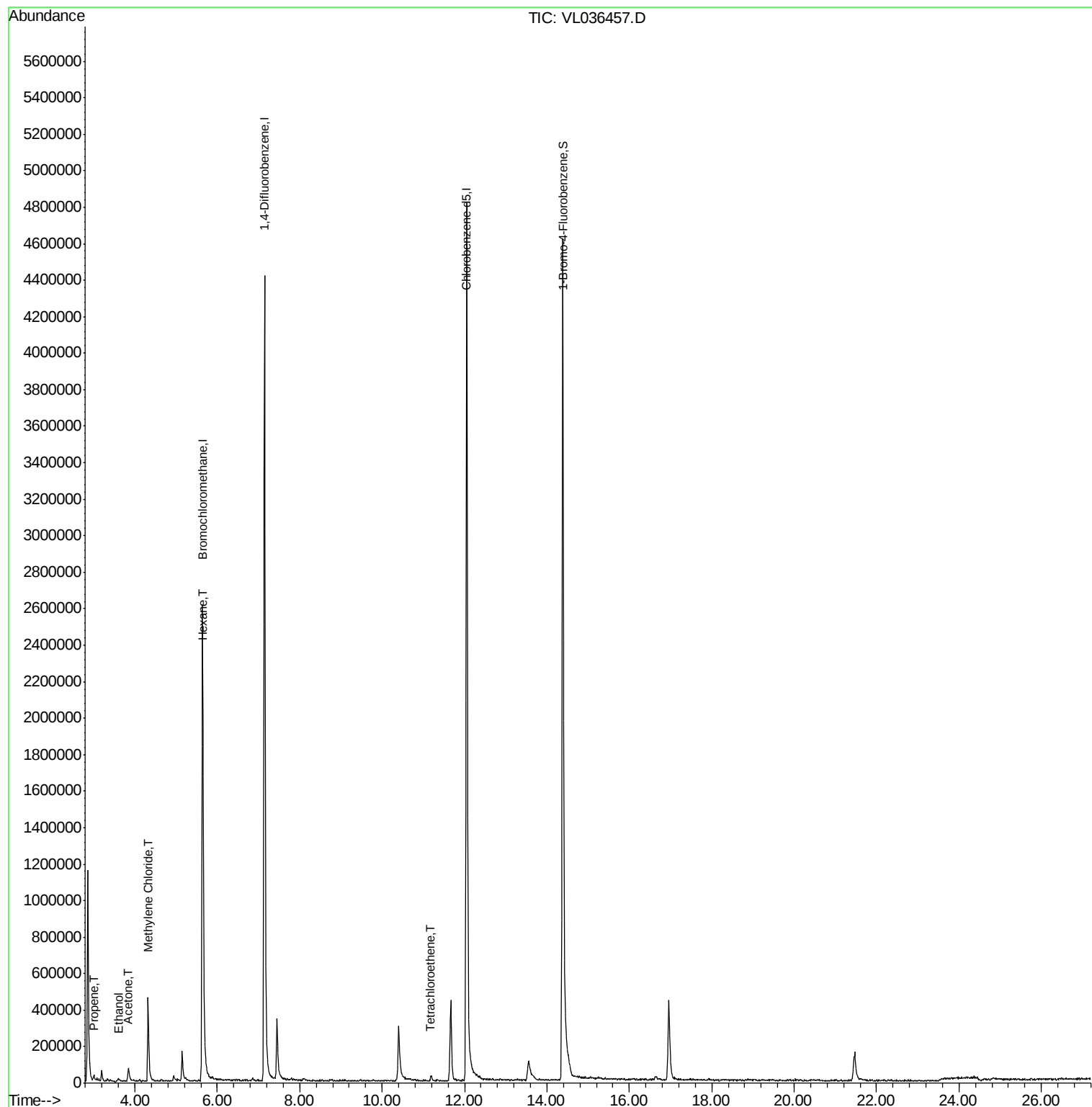
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031921\
Data File : VL036457.D
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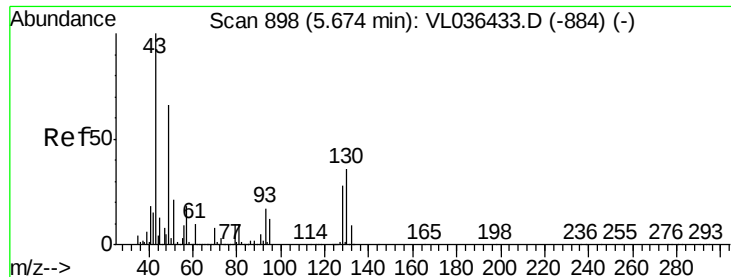
Instrument :
MSVOA_L
ClientSampleId :
QC030821 CAN 10725

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.04 min

Lab File: VL036457.D

Acq: 19 Mar 2021 22:03

Instrument :

MSVOA_L

ClientSampleId :

QC030821 CAN 10725

Tot Ion: 49 Resp: 1553097

Ion Ratio Lower Upper

49 100

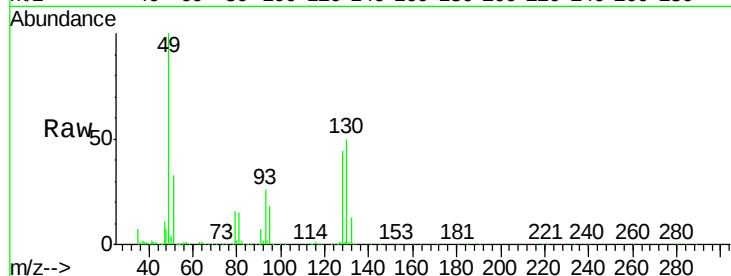
128 43.4 22.4 67.2

130 54.7 28.0 84.0

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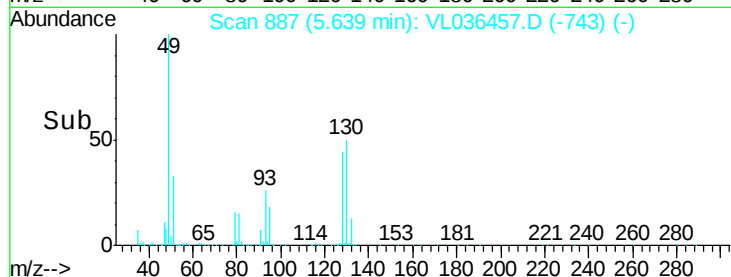
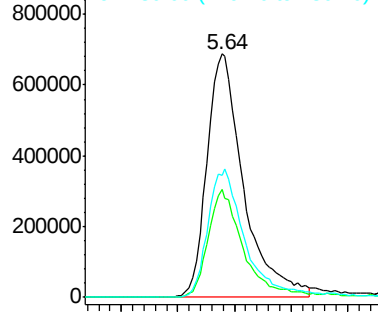
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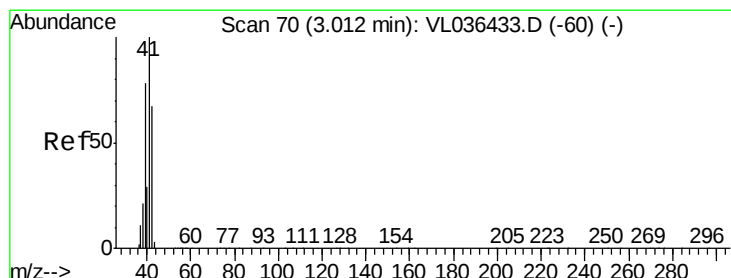
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#9

Propene

Concen: 0.147 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL036457.D

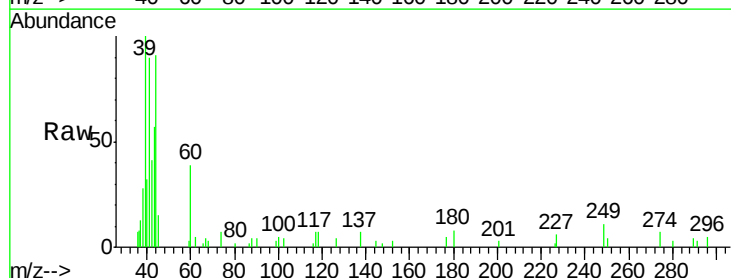
Acq: 19 Mar 2021 22:03

Tgt Ion: 41 Resp: 11781

Ion Ratio Lower Upper

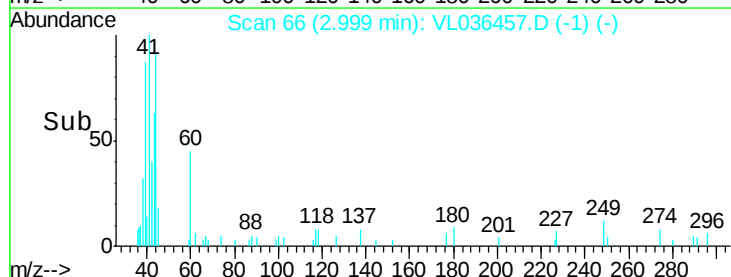
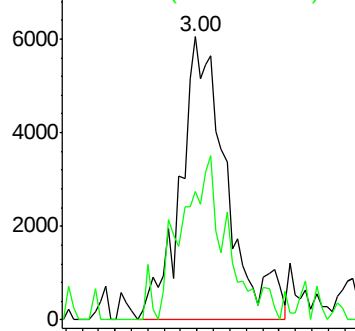
41 100

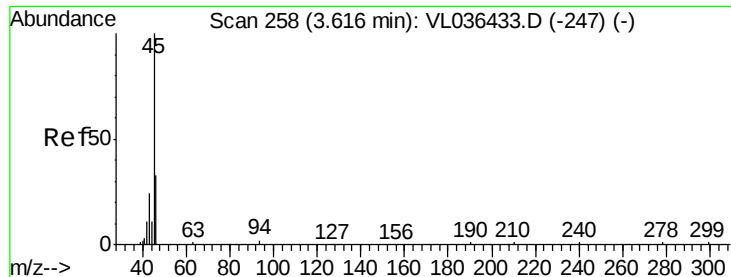
42 0.0 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





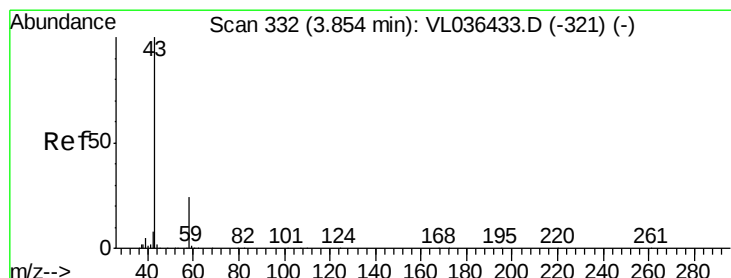
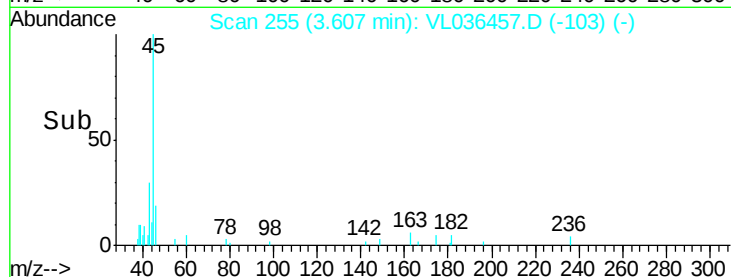
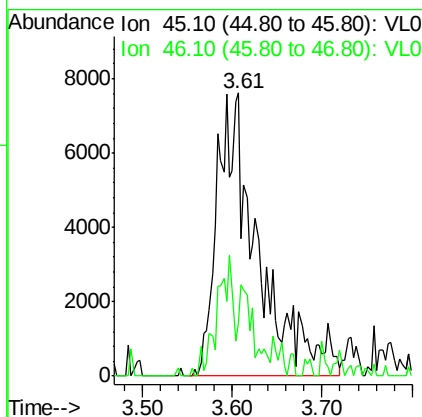
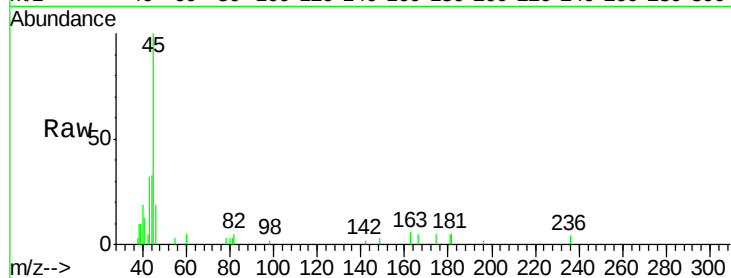
#13
Ethanol
Concen: 1.966 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. -0.01 min
Lab File: VL036457.D
Acq: 19 Mar 2021 22:03

Instrument :
MSVOA_L
ClientSampleId :
QC030821 CAN 10725

Tot Ion: 45 Resp: 24148
Ion Ratio Lower Upper
45 100
46 27.4 16.8 67.4

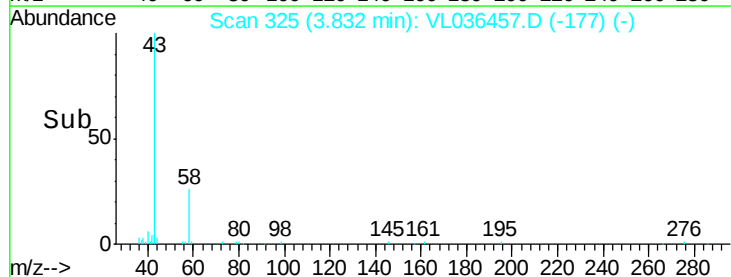
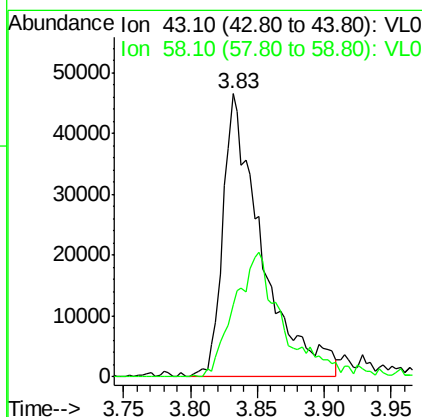
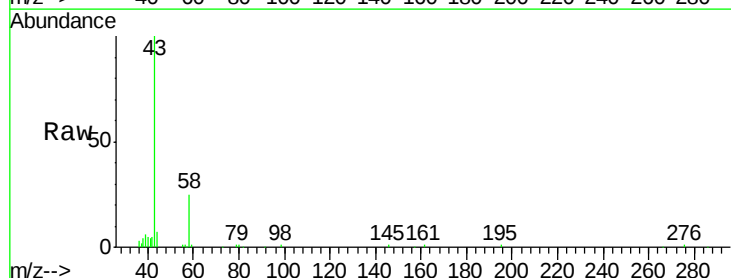
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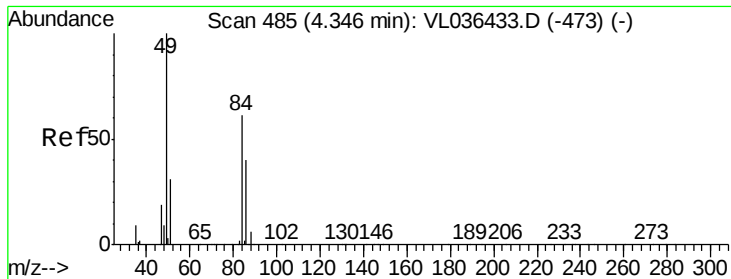
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#15
Acetone
Concen: 0.533 ppbv m
RT: 3.83 min Scan# 325
Delta R.T. -0.02 min
Lab File: VL036457.D
Acq: 19 Mar 2021 22:03

Tgt Ion: 43 Resp: 94647
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#





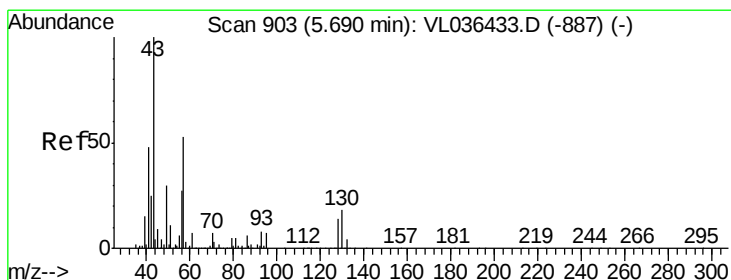
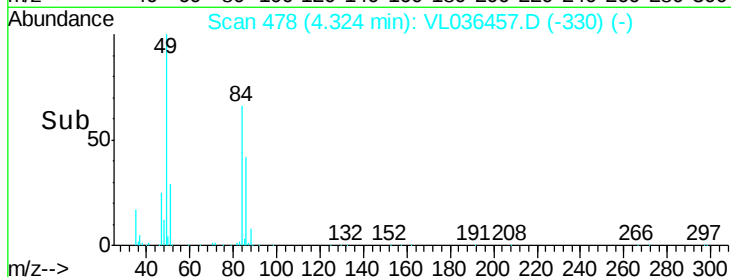
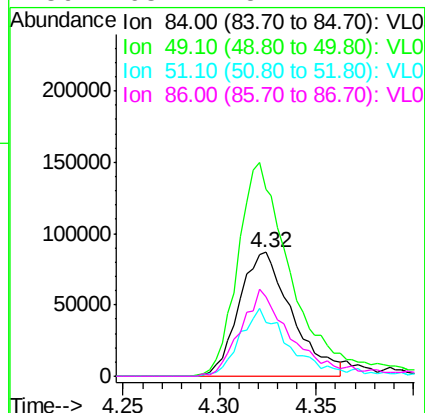
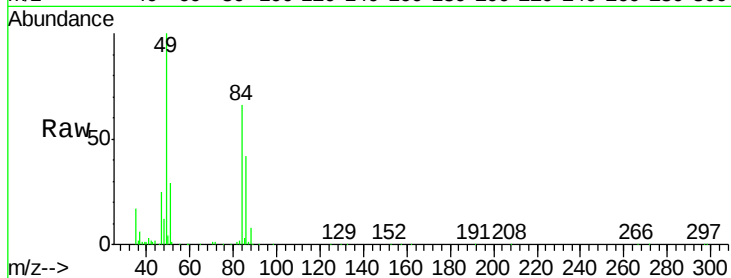
#20
Methvlene Chloride
Concen: 2.767 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL036457.D
Acq: 19 Mar 2021 22:03

Instrument :
MSVOA_L
ClientSampleId :
QC030821 CAN 10725

Tot Ion	84	Resp	165534
Ion Ratio	Lower	Upper	
84	100		
49	150.7	130.2	195.2
51	43.3	40.5	60.7
86	63.7	51.4	77.2

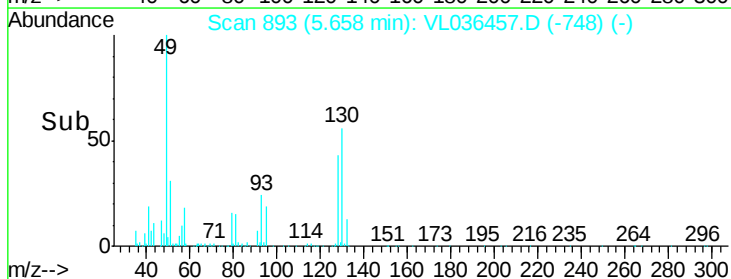
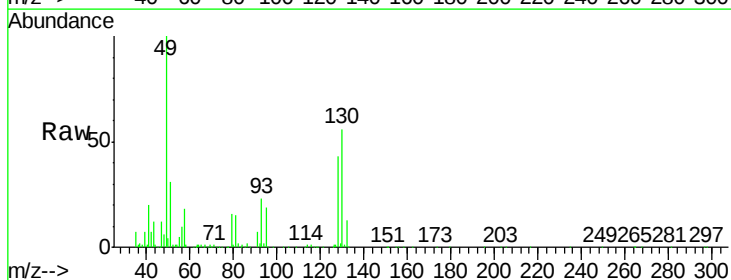
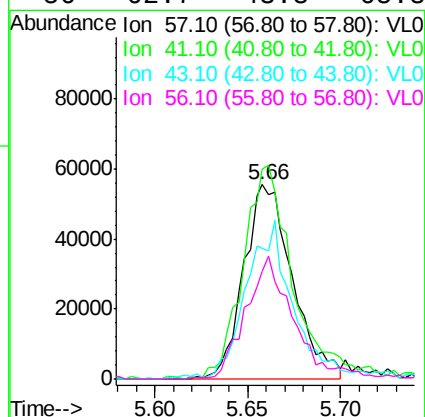
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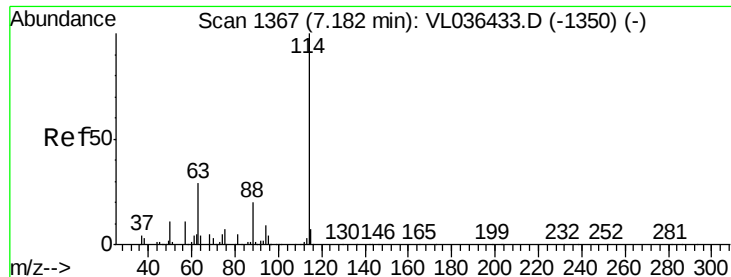
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#26
Hexane
Concen: 0.721 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL036457.D
Acq: 19 Mar 2021 22:03

Tgt Ion	57	Resp	101800
Ion Ratio	Lower	Upper	
57	100		
41	117.3	80.4	120.6
43	82.2	199.8	299.6
56	62.7	43.8	65.8





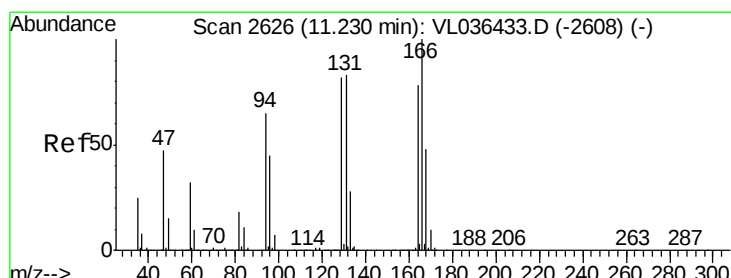
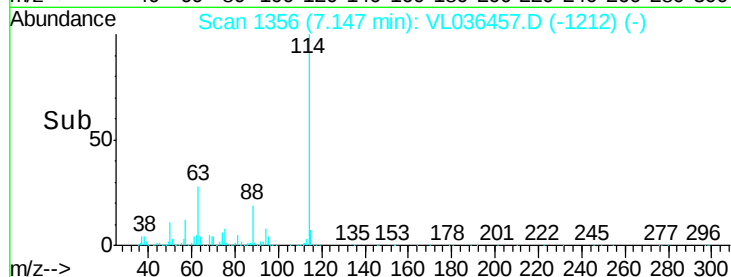
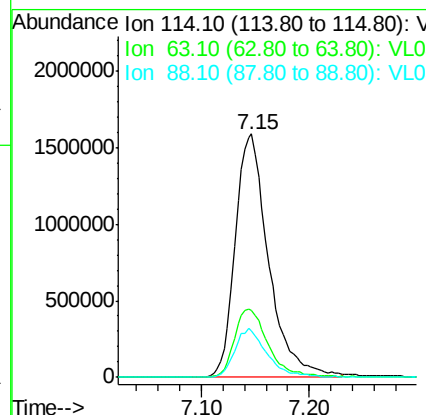
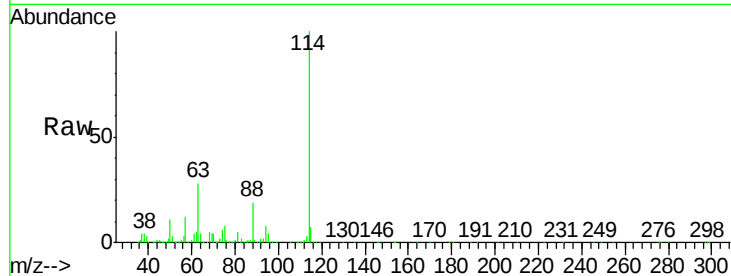
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.04 min
Lab File: VL036457.D
Acq: 19 Mar 2021 22:03

Instrument :
MSVOA_L
ClientSampleId :
QC030821 CAN 10725

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.9	23.3	34.9
88	19.6	15.6	23.4

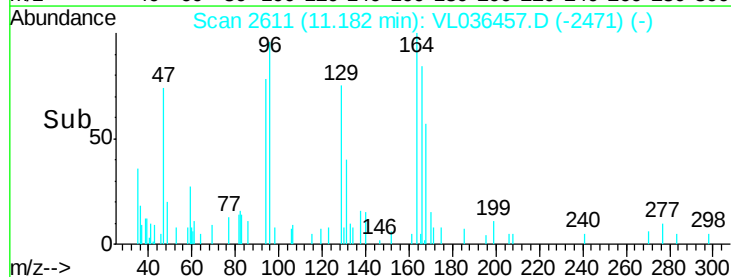
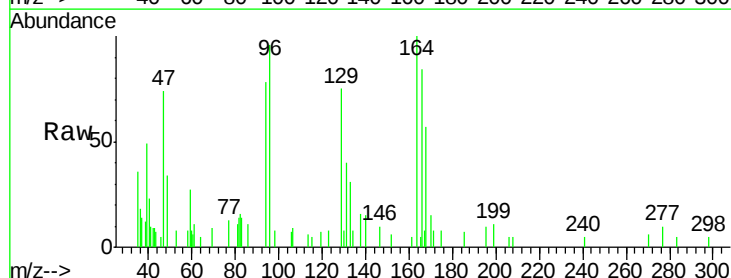
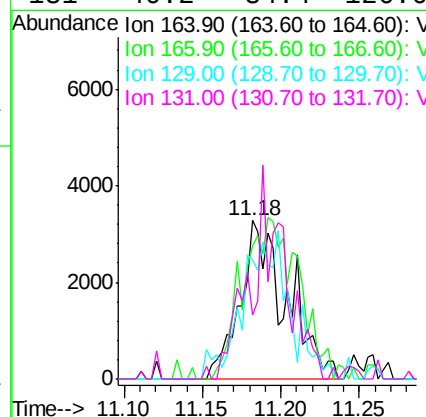
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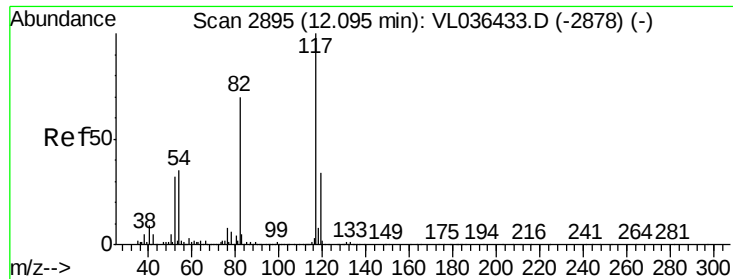
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#52
Tetrachloroethene
Concen: 0.067 ppbv m
RT: 11.18 min Scan# 2611
Delta R.T. -0.05 min
Lab File: VL036457.D
Acq: 19 Mar 2021 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	83.8	102.0	153.0#
129	75.1	83.3	124.9#
131	40.2	84.4	126.6#





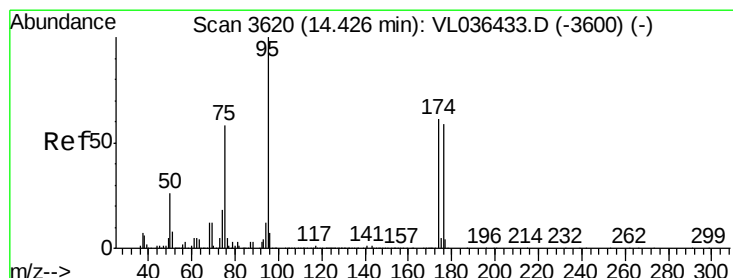
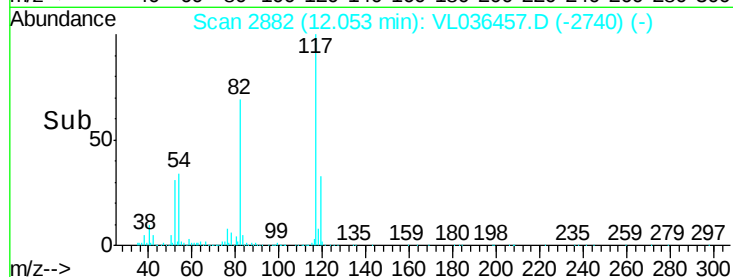
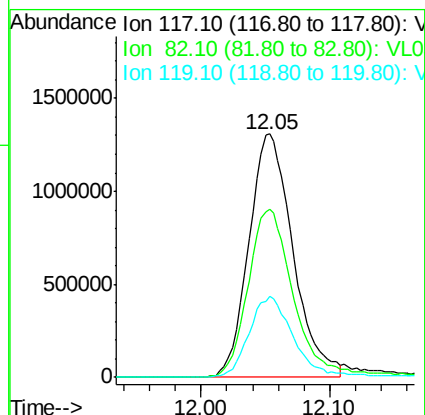
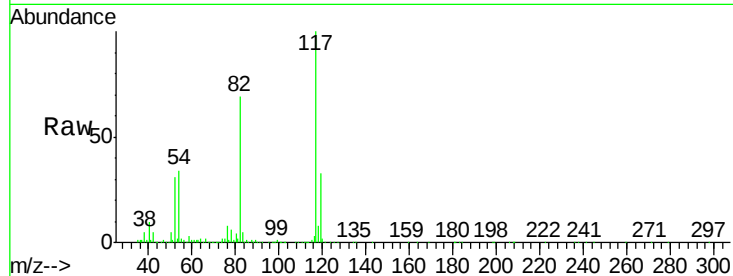
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL036457.D
Acq: 19 Mar 2021 22:03

Instrument :
MSVOA_L
ClientSampleId :
QC030821 CAN 10725

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.2	56.5	84.7
119	34.1	27.0	40.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.251 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL036457.D
Acq: 19 Mar 2021 22:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.6	51.0	76.4
175	4.7	3.8	5.6

