

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\
 Data File : VL036464.D
 Acq On : 24 Mar 2021 12:09
 Operator :
 Sample : OC031821 CAN 10044
 Misc : 400 mL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 25 07:18:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
 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	5.65	49	1606768	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3479549	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3291364	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2555352	9.44	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%

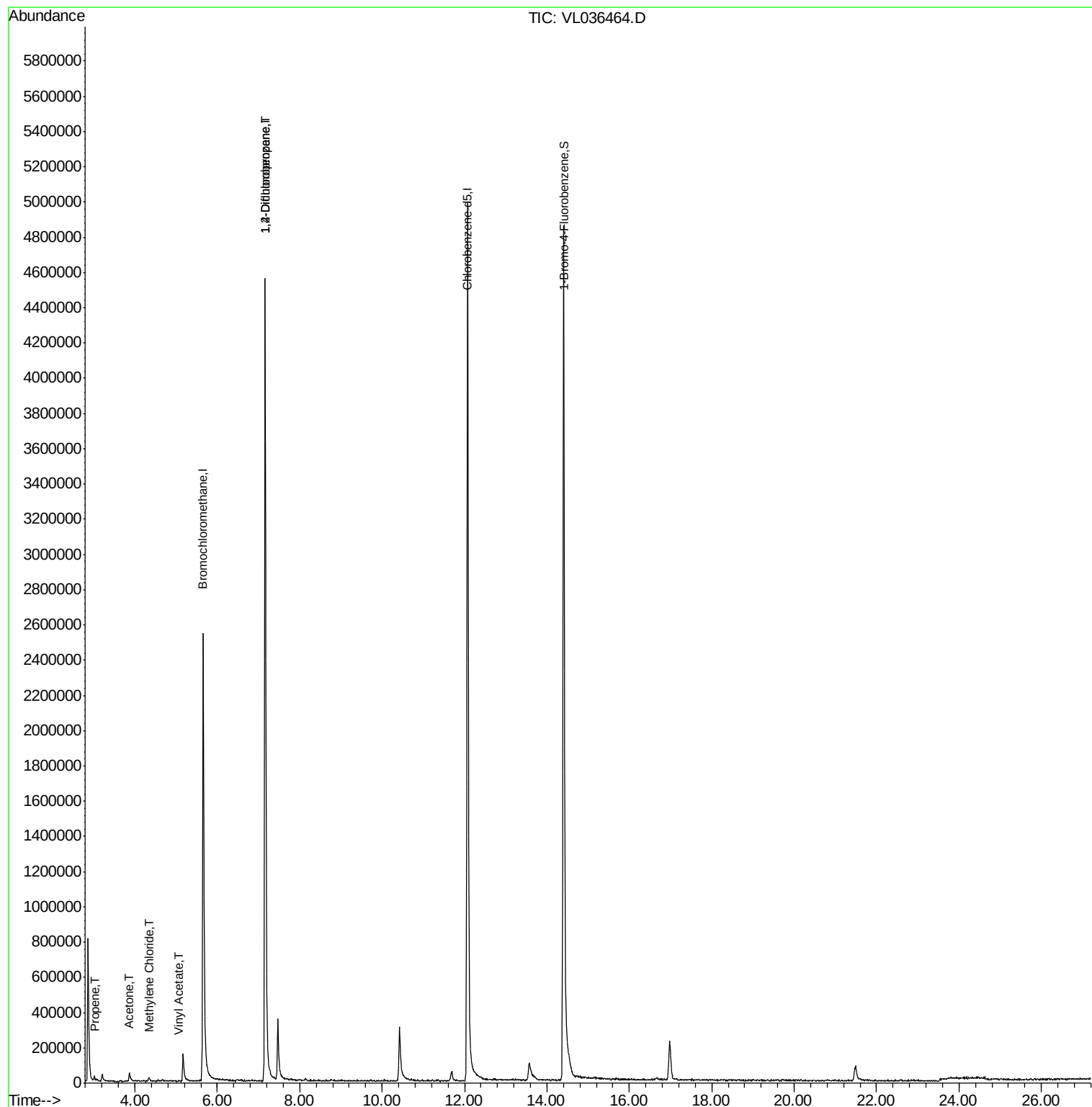
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3177	0.038	ppbv #	15
15) Acetone	3.86	43	29712	0.162	ppbv #	49
20) Methylene Chloride	4.33	84	2316	0.037	ppbv #	46
23) Vinyl Acetate	5.06	43	6718	0.032	ppbv #	79
39) 1,2-Dichloropropane	7.16	63	1015730	8.847	ppbv #	22

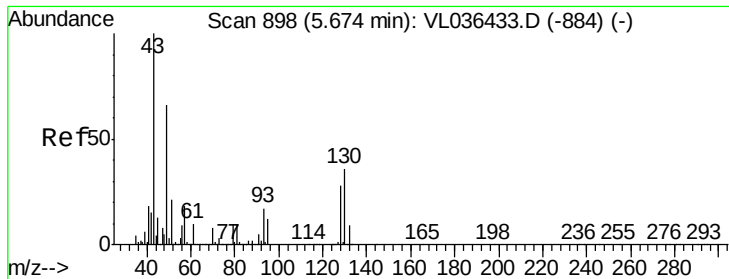
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 12:09

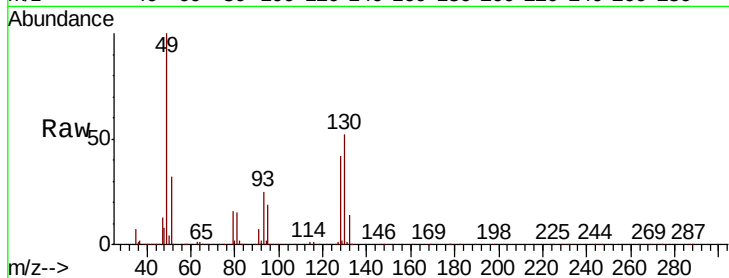
Tot Ion: 49 Resp: 1606768

Ion Ratio Lower Upper

49 100

128 42.2 22.4 67.2

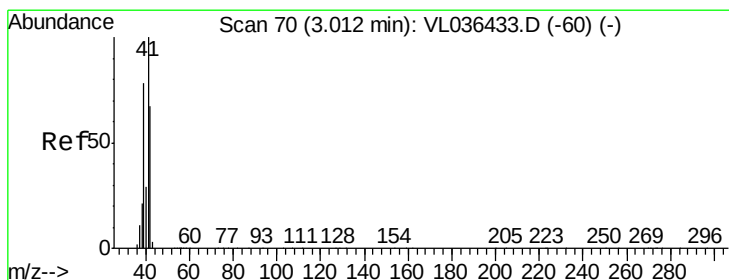
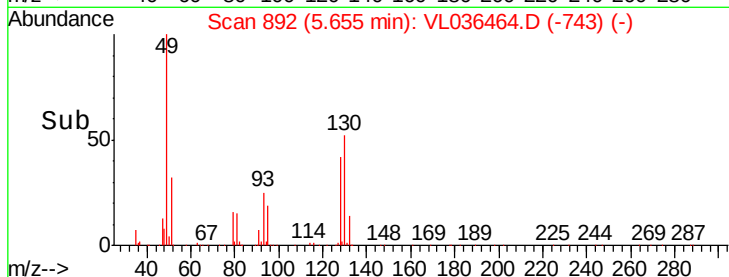
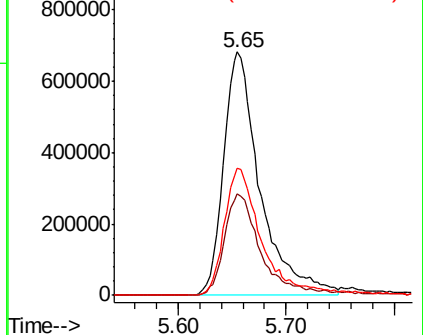
130 55.5 28.0 84.0



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: 0.038 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL036464.D

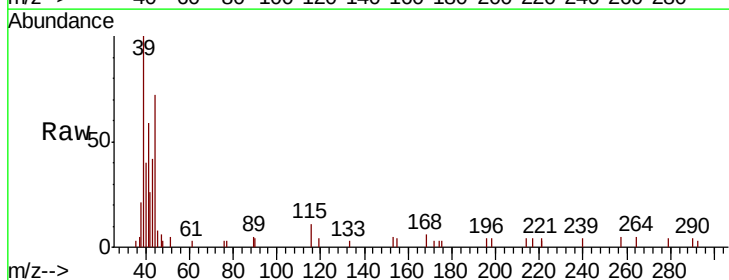
Acq: 24 Mar 2021 12:09

Tgt Ion: 41 Resp: 3177

Ion Ratio Lower Upper

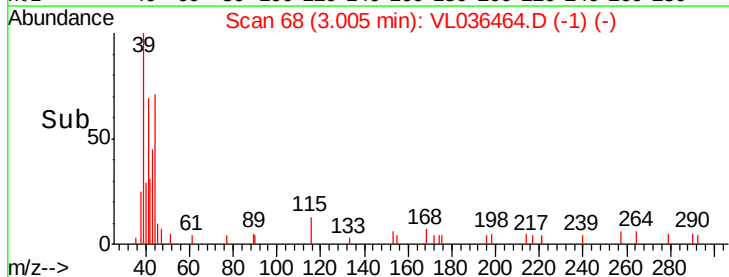
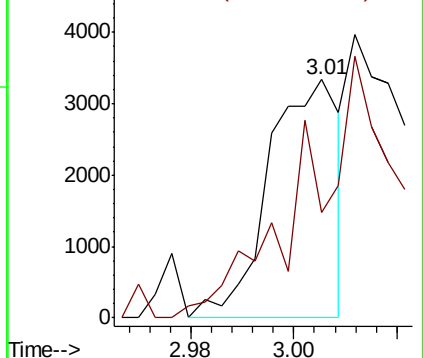
41 100

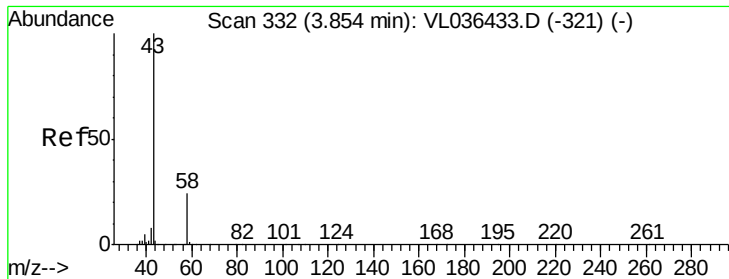
42 0.0 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

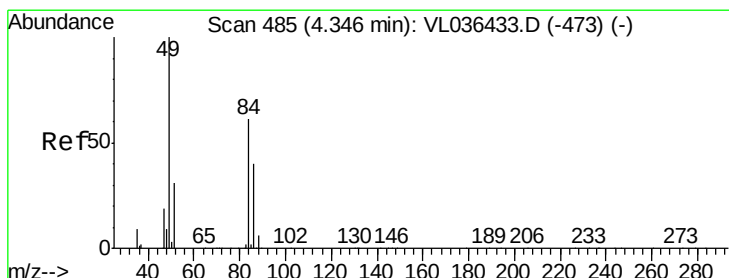
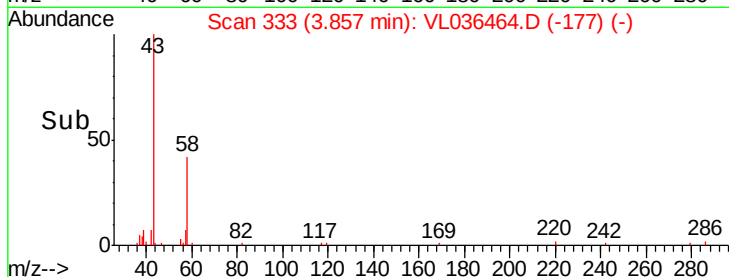
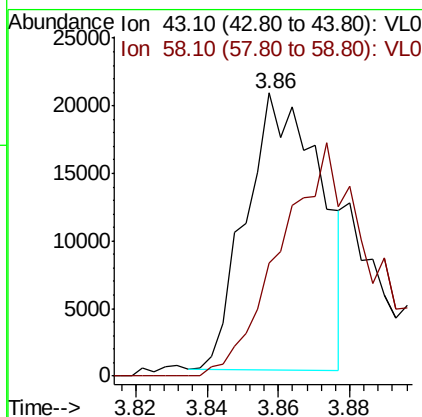
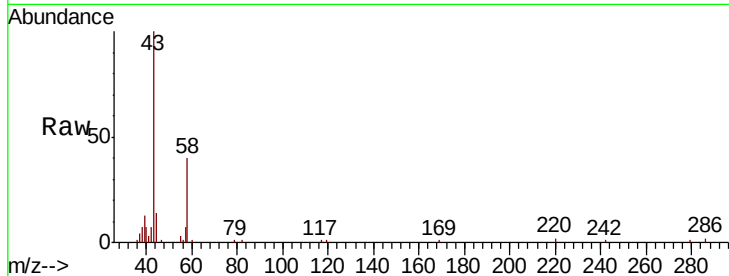
Ion 42.10 (41.80 to 42.80): VL0





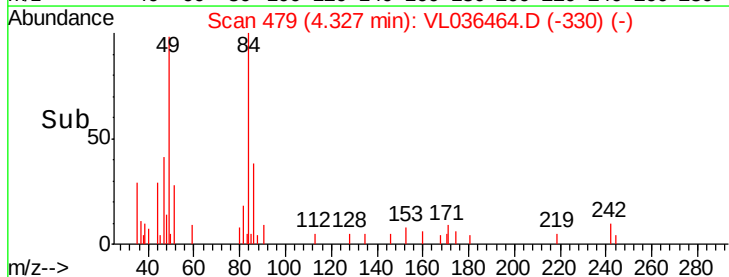
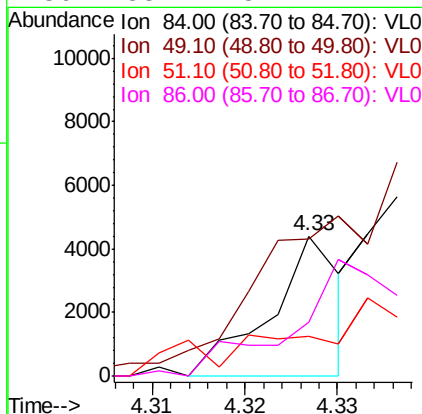
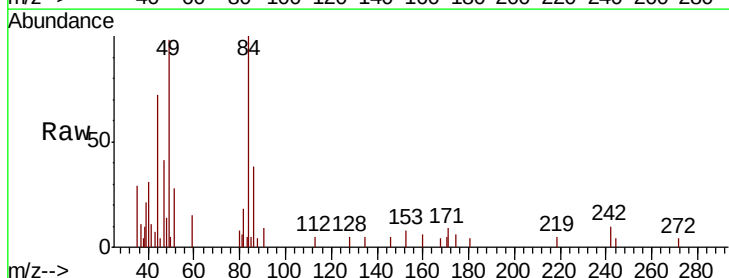
#15
Acetone
Concen: 0.162 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2021 12:09

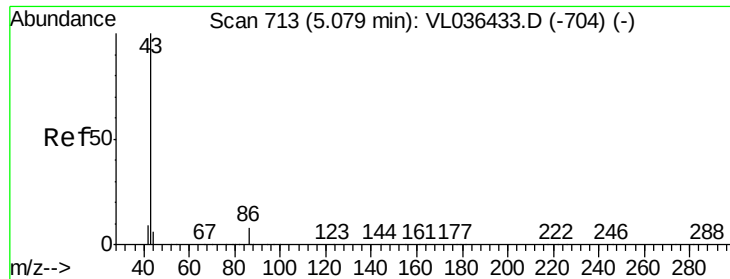
Tot Ion: 43 Resp: 29712
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#



#20
Methylene Chloride
Concen: 0.037 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL036464.D
Acq: 24 Mar 2021 12:09

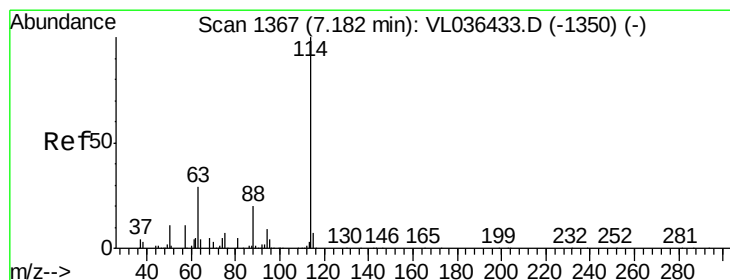
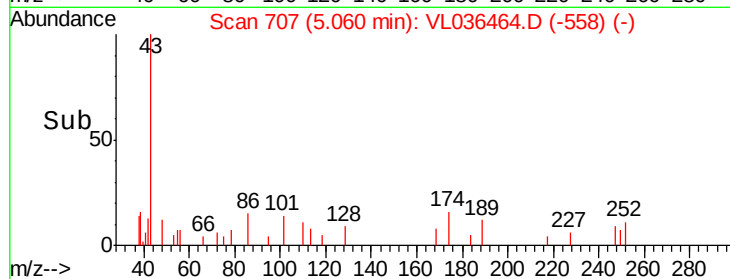
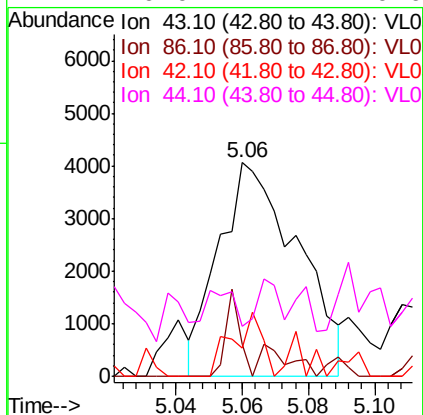
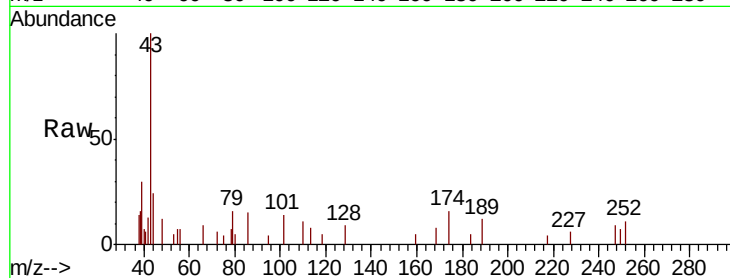
Tgt Ion: 84 Resp: 2316
Ion Ratio Lower Upper
84 100
49 83.6 130.2 195.2#
51 5.5 40.5 60.7#
86 38.2 51.4 77.2#





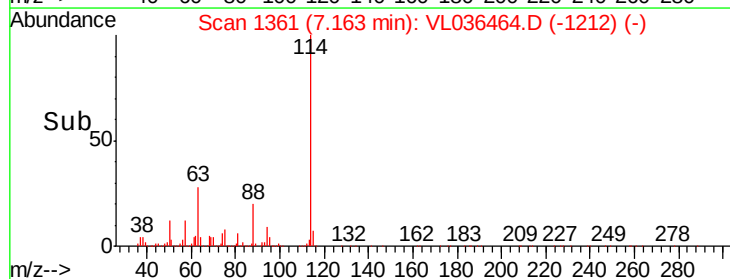
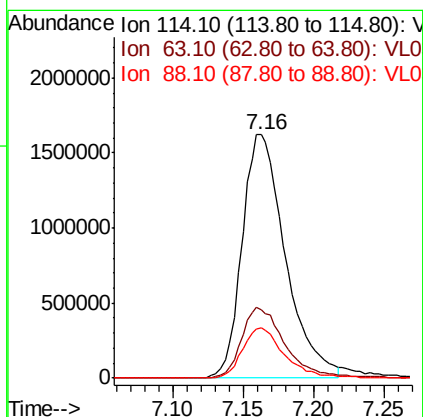
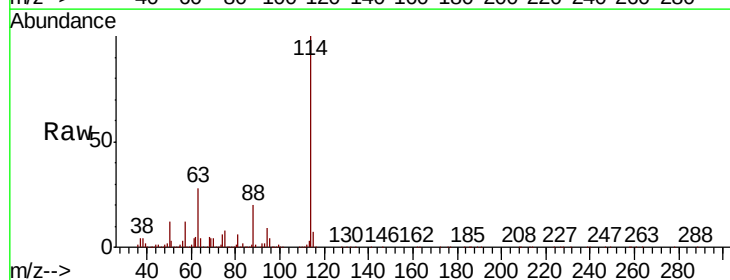
#23
 Vinyl Acetate
 Concen: 0.032 ppbv
 RT: 5.06 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2021 12:09

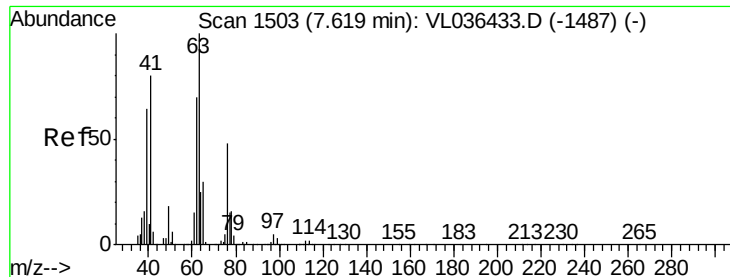
Tot Ion:	43	Resp:	6718
Ion	Ratio	Lower	Upper
43	100		
86	17.9	5.2	7.8#
42	15.8	8.3	12.5#
44	0.0	4.4	6.6#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T.: -0.02 min
 Lab File: VL036464.D
 Acq: 24 Mar 2021 12:09

Tgt Ion:	114	Resp:	3479549
Ion	Ratio	Lower	Upper
114	100		
63	29.8	23.3	34.9
88	20.5	15.6	23.4





#39

1,2-Dichloropropane

Concen: 8.847 ppbv

RT: 7.16 Instrument:

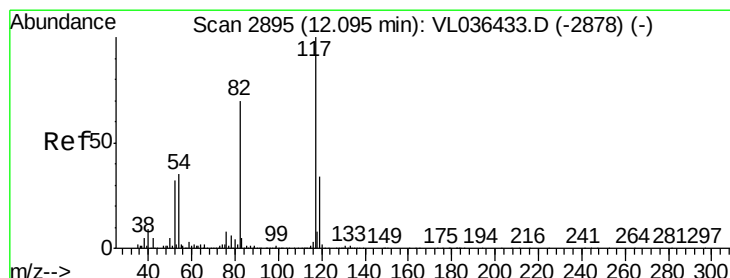
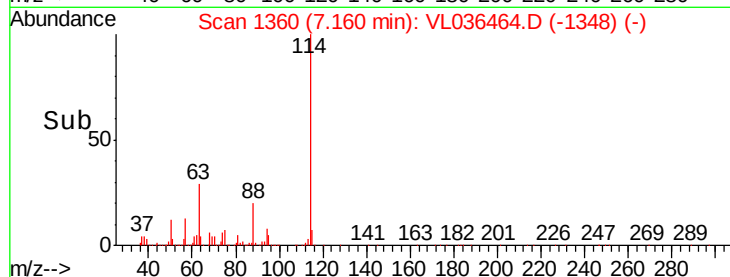
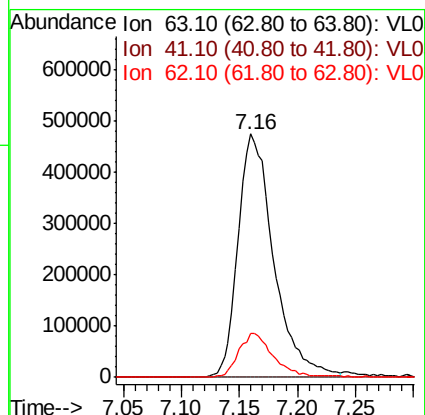
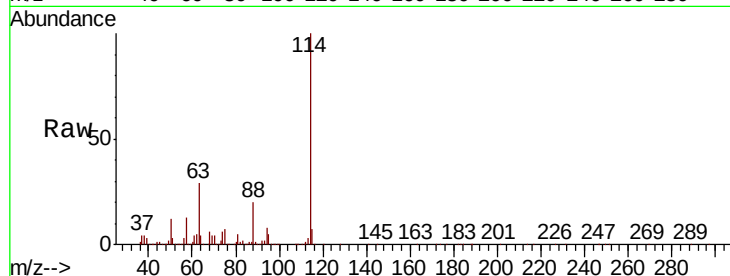
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 12:09

Tot Ion: 63 Resp: 1015730

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.4	96.6#
62	18.2	55.7	83.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

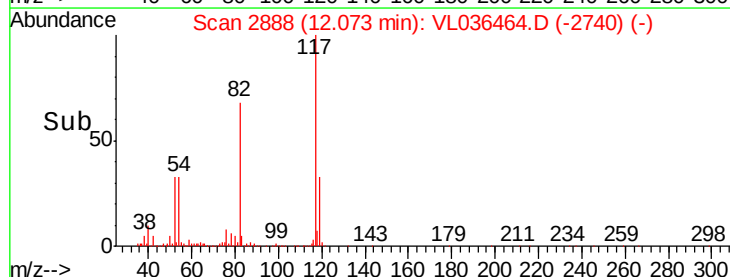
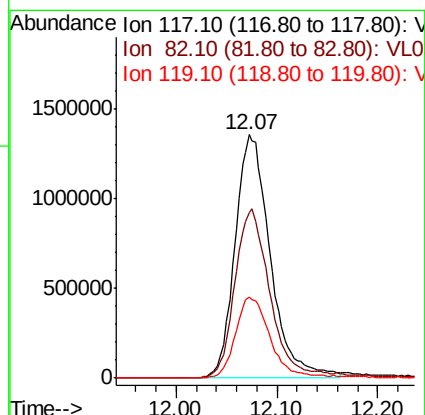
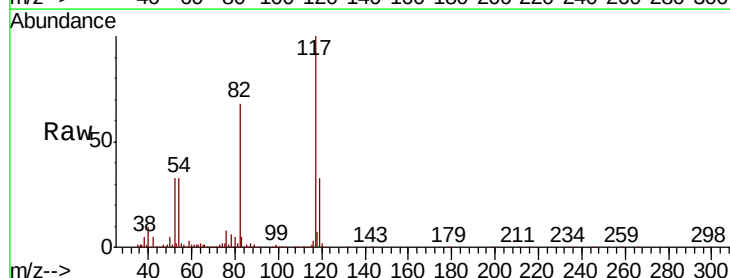
Delta R.T. -0.02 min

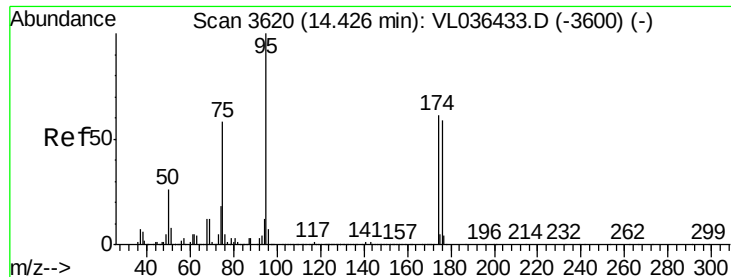
Lab File: VL036464.D

Acq: 24 Mar 2021 12:09

Tgt Ion: 117 Resp: 3291364

Ion	Ratio	Lower	Upper
117	100		
82	71.9	56.5	84.7
119	33.5	27.0	40.4





#68

1-Bromo-4-Fluorobenzene

Concen: 9.441 ppbv

RT: 14.40 Instrument :

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 12:09

Tot Ion: 95 Resp: 2555352

Ion Ratio Lower Upper

95 100

174 67.7 51.0 76.4

175 4.9 3.8 5.6

