

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
 Data File : VL036451.D
 Acq On : 19 Mar 2021 17:06
 Operator :
 Sample : OC030321 CAN 10448
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 20 00:41:57 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	1716503	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	3872845	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	3454717	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2690696	9.47	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.70%

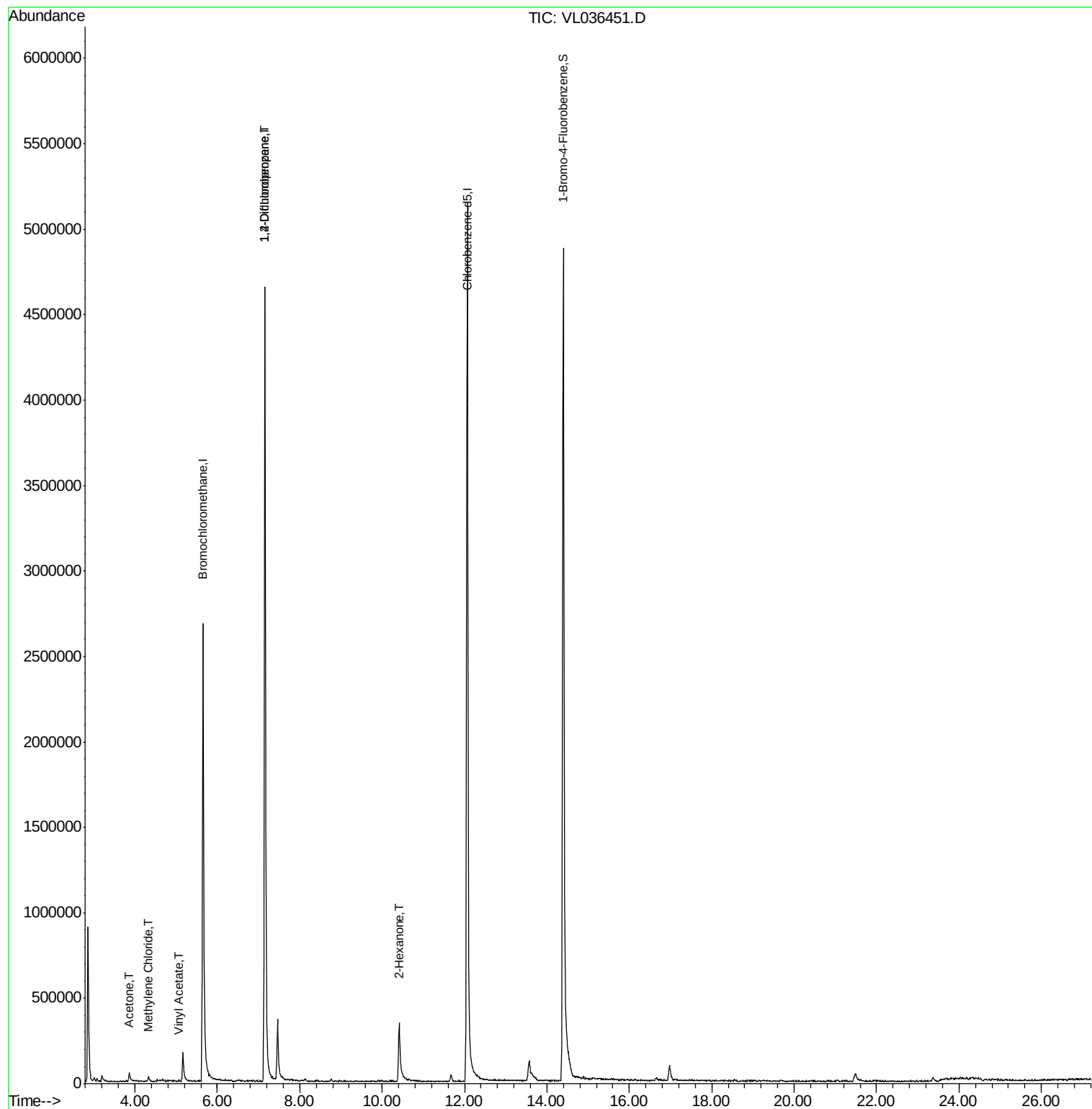
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	34364	0.175	ppbv #	1
20) Methylene Chloride	4.33	84	4232	0.064	ppbv #	53
23) Vinyl Acetate	5.06	43	4499	0.020	ppbv #	60
39) 1,2-Dichloropropane	7.16	63	1070090	8.374	ppbv #	23
51) 2-Hexanone	10.41	43	80480	0.313	ppbv #	58

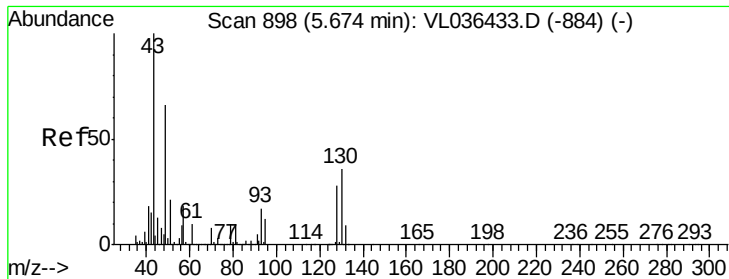
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.03 min

Lab File: VL036451.D

Acq: 19 Mar 2021 17:06

Instrument :

MSVOA_L

ClientSampleId :

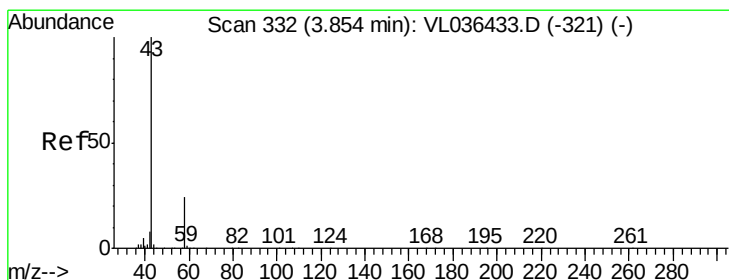
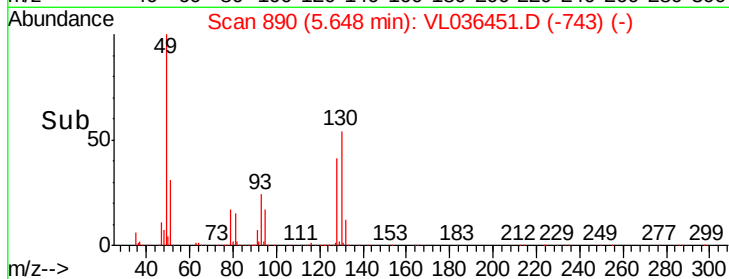
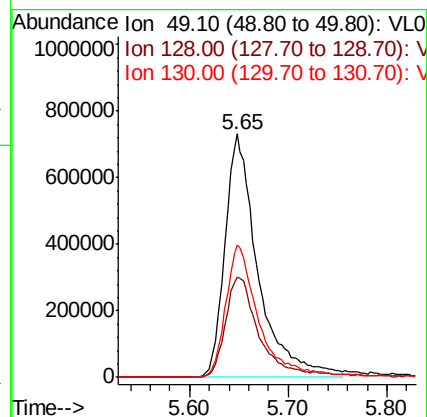
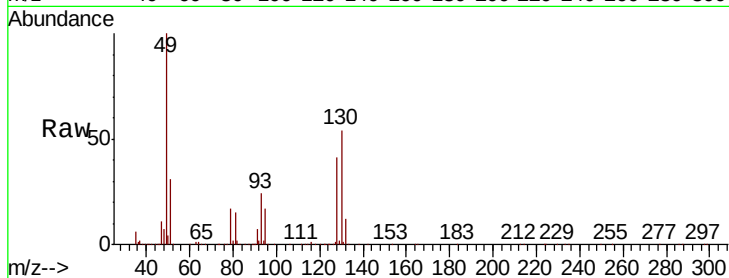
Tot Ion: 49 Resp: 1716503

Ion Ratio Lower Upper

49 100

128 43.0 22.4 67.2

130 55.2 28.0 84.0



#15

Acetone

Concen: 0.175 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL036451.D

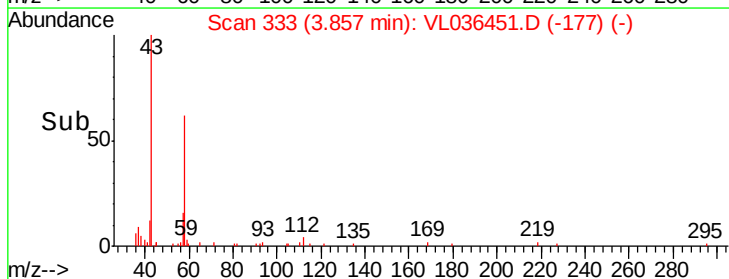
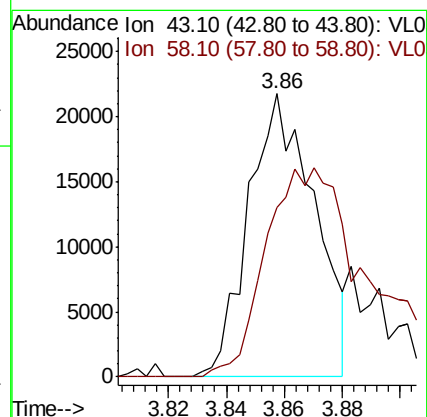
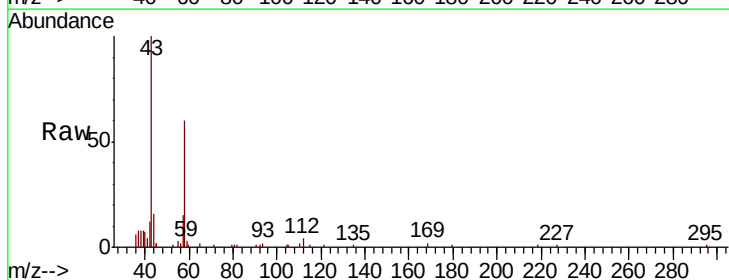
Acq: 19 Mar 2021 17:06

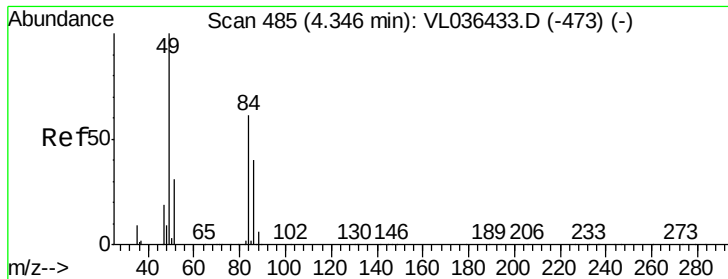
Tgt Ion: 43 Resp: 34364

Ion Ratio Lower Upper

43 100

58 122.1 21.0 31.6#





#20

Methvlene Chloride

Concen: 0.064 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.02 min

Lab File: VL036451.D

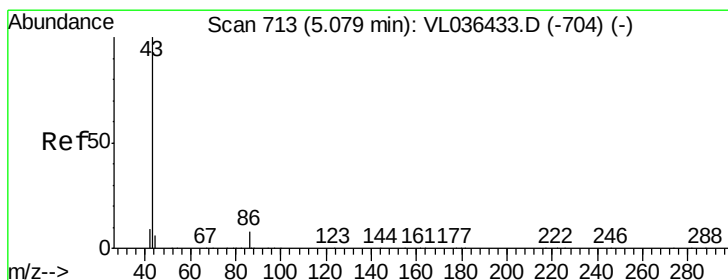
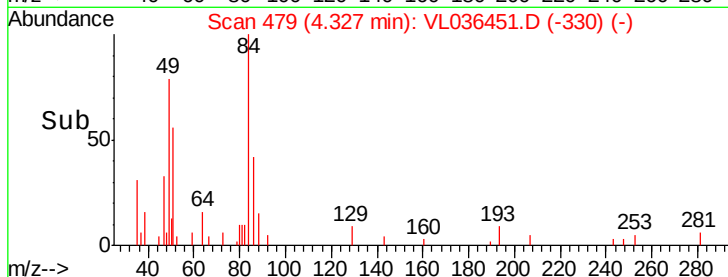
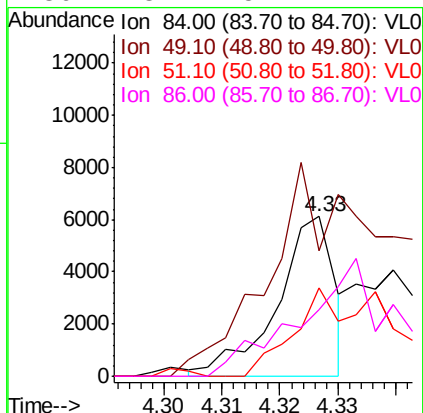
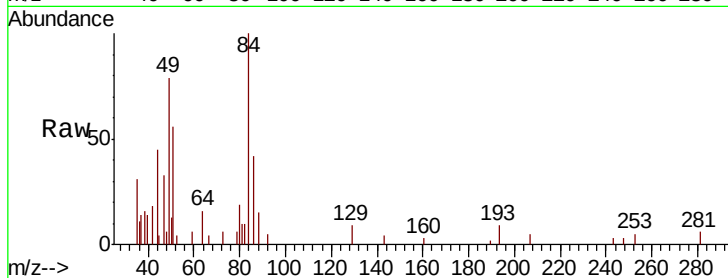
Acq: 19 Mar 2021 17:06

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	84	Resp:	4232
Ion	Ratio	Lower	Upper
84	100		
49	71.4	130.2	195.2#
51	55.1	40.5	60.7
86	43.7	51.4	77.2#



#23

Vinyl Acetate

Concen: 0.020 ppbv

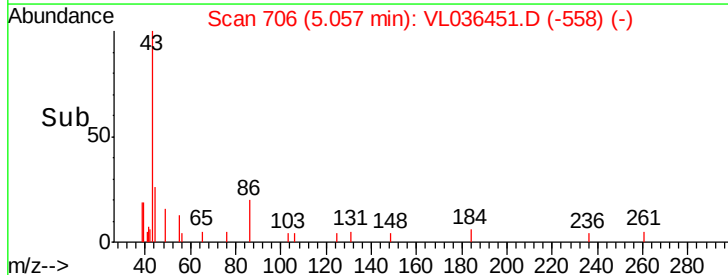
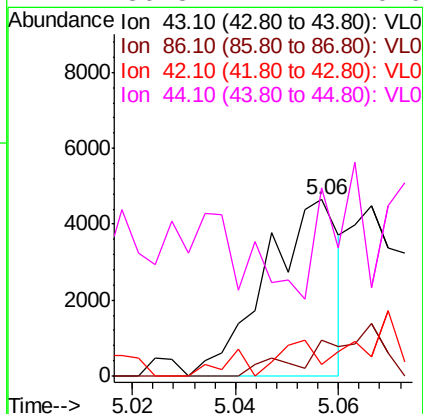
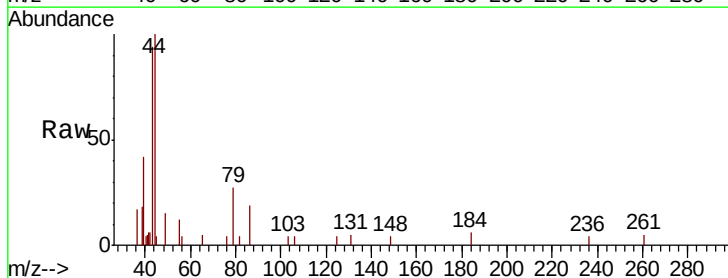
RT: 5.06 min Scan# 706

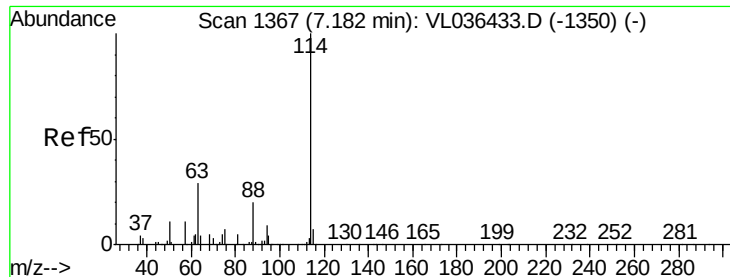
Delta R.T. -0.02 min

Lab File: VL036451.D

Acq: 19 Mar 2021 17:06

Tgt Ion:	43	Resp:	4499
Ion	Ratio	Lower	Upper
43	100		
86	20.5	5.2	7.8#
42	6.5	8.3	12.5#
44	36.8	4.4	6.6#

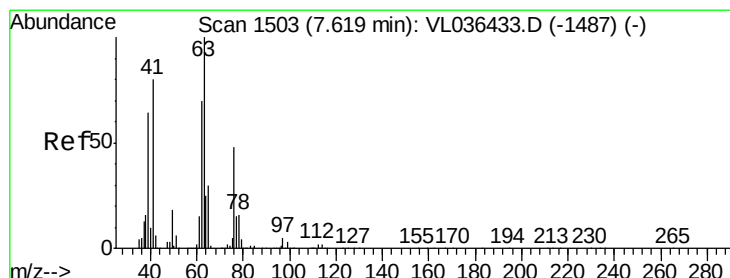
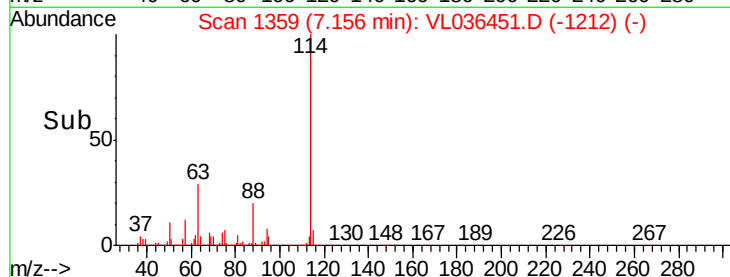
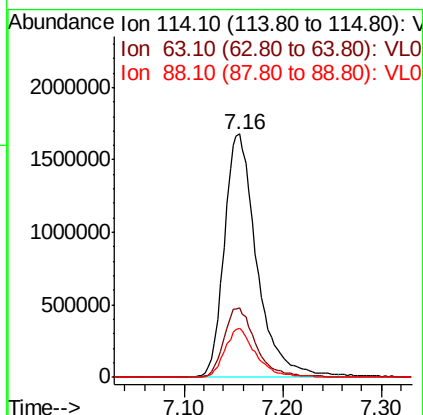
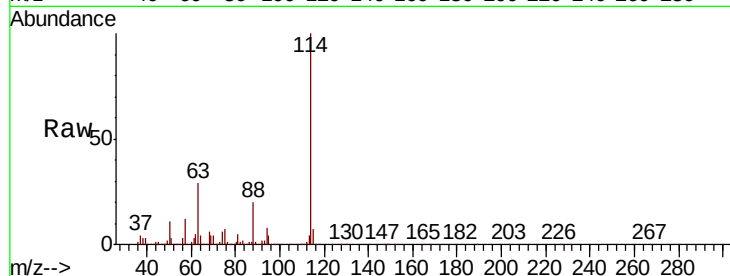




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: VL036451.D
 Acq: 19 Mar 2021 17:06

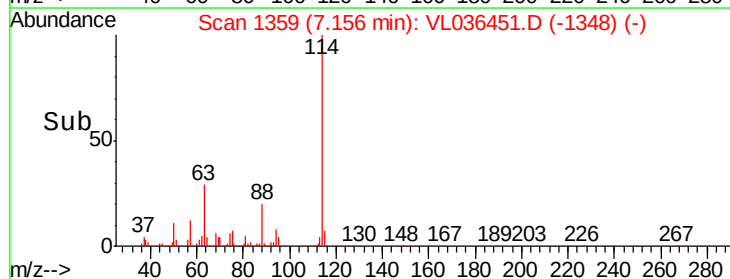
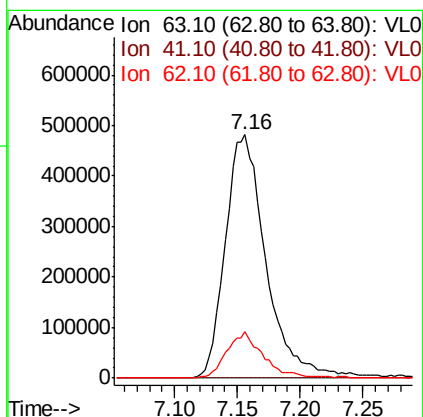
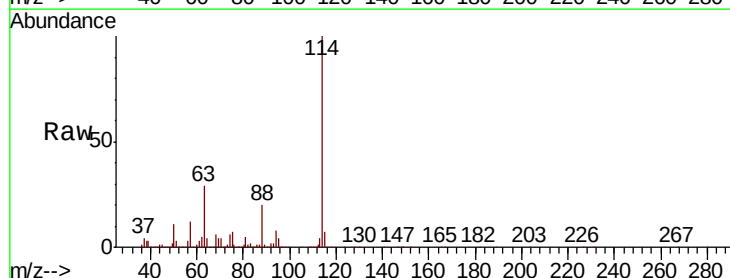
Instrument :
 MSVOA_L
 ClientSampleId :

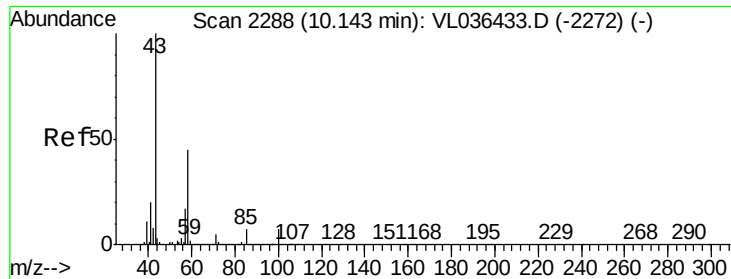
Tot Ion:114 Resp: 3872845
 Ion Ratio Lower Upper
 114 100
 63 28.4 23.3 34.9
 88 19.5 15.6 23.4



#39
 1,2-Dichloropropane
 Concen: 8.374 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.46 min
 Lab File: VL036451.D
 Acq: 19 Mar 2021 17:06

Tgt Ion: 63 Resp: 1070090
 Ion Ratio Lower Upper
 63 100
 41 0.0 64.4 96.6#
 62 18.9 55.7 83.5#

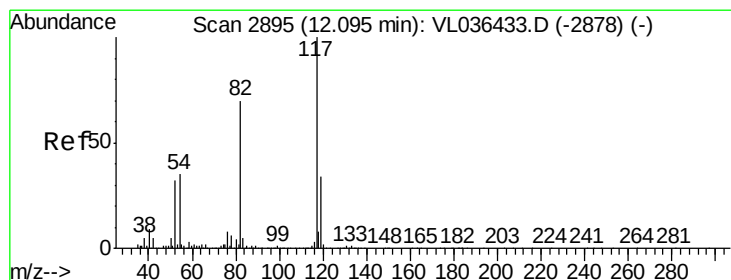
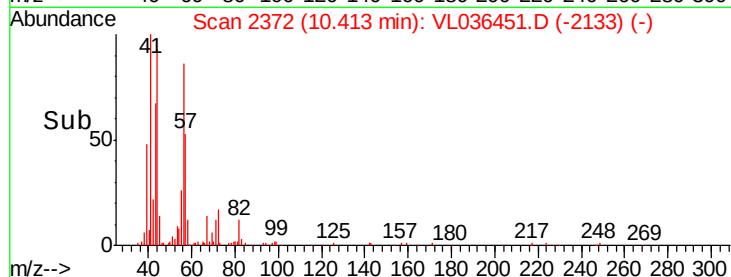
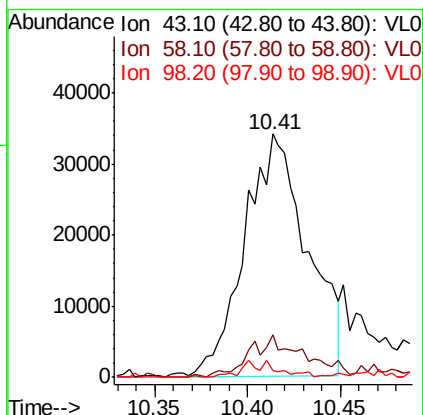
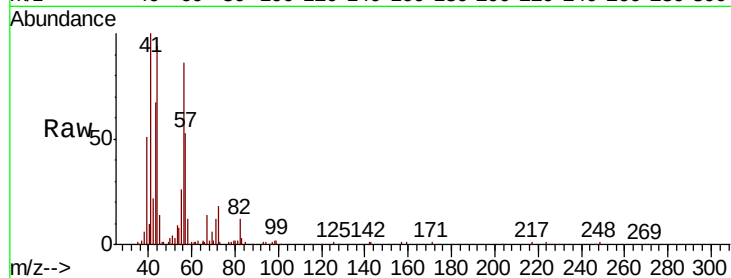




#51
2-Hexanone
Concen: 0.313 ppbv
RT: 10.41 min Scan# 2372
Delta R.T. 0.27 min
Lab File: VL036451.D
Acq: 19 Mar 2021 17:06

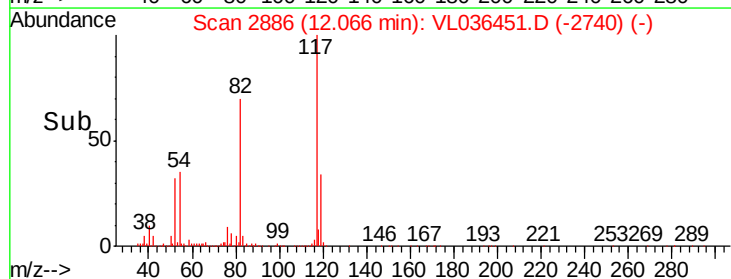
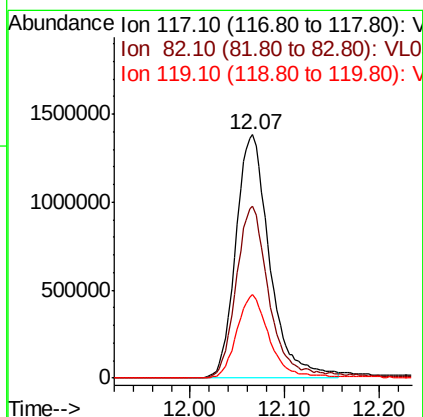
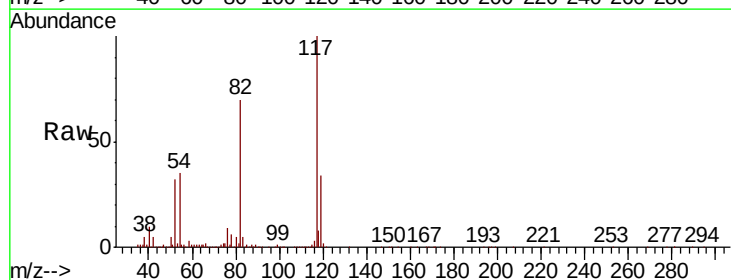
Instrument :
MSVOA_L
ClientSampleId :

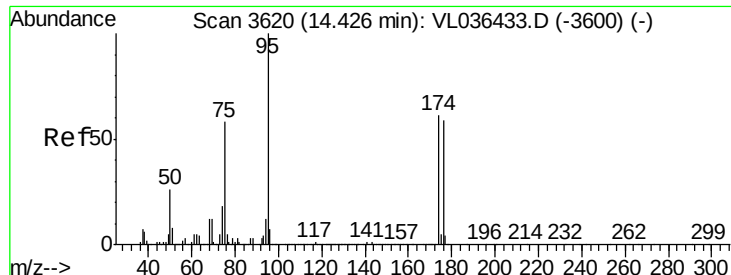
Tot Ion: 43 Resp: 80480
Ion Ratio Lower Upper
43 100
58 18.7 37.8 56.8#
98 3.8 0.2 0.4#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036451.D
Acq: 19 Mar 2021 17:06

Tgt Ion: 117 Resp: 3454717
Ion Ratio Lower Upper
117 100
82 71.3 56.5 84.7
119 34.0 27.0 40.4





#68

1-Bromo-4-Fluorobenzene

Concen: 9.471 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL036451.D

Acq: 19 Mar 2021 17:06

Instrument :

MSVOA_L

ClientSampleId :

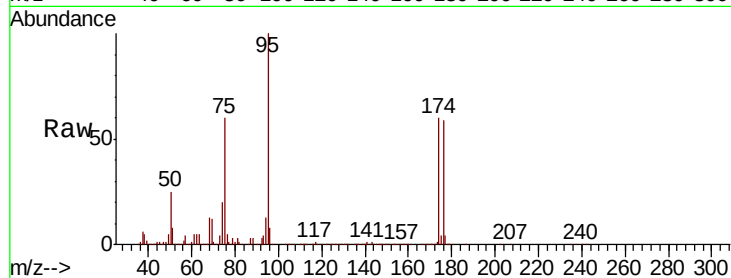
Tot Ion: 95 Resp: 2690696

Ion Ratio Lower Upper

95 100

174 67.0 51.0 76.4

175 4.6 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

