

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035825.D
 Acq On : 4 Nov 2020 5:02
 Operator : SY/AP
 Sample : L4610-03DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 04 06:31:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1132502	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	5060986	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4594886	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3315559	10.16	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

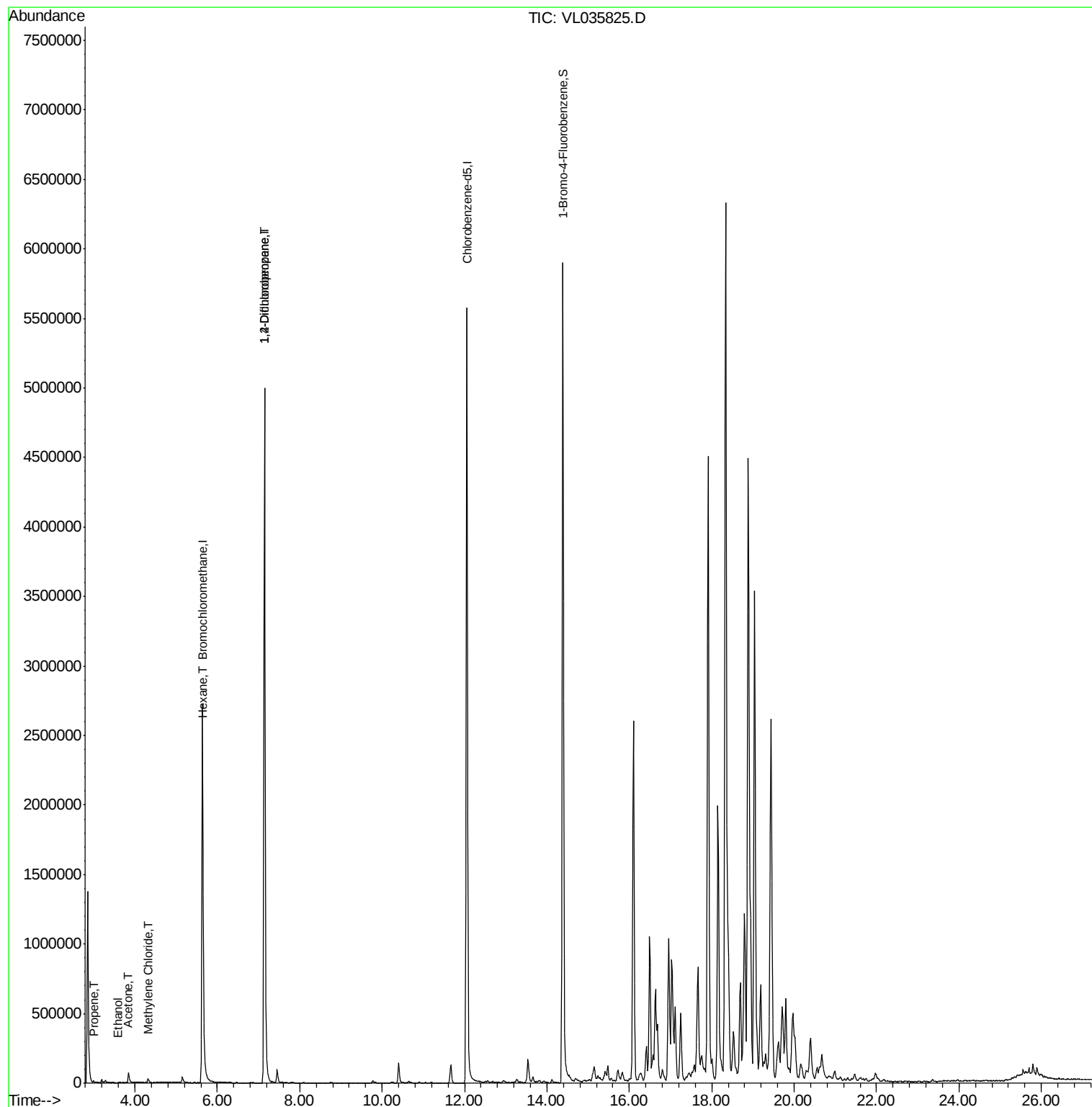
Target Compounds					Ovalue
9) Propene	2.99	41	1866	0.038 ppbv #	15
13) Ethanol	3.59	45	674	0.063 ppbv #	1
15) Acetone	3.84	43	79615	0.658 ppbv #	74
20) Methylene Chloride	4.32	84	13445	0.158 ppbv	90
26) Hexane	5.65	57	5468	0.042 ppbv #	47
39) 1,2-Dichloropropane	7.14	63	925154	7.303 ppbv #	30

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
Data File : VL035825.D
Acq On : 4 Nov 2020 5:02
Operator : SY/AP
Sample : L4610-03DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 04 06:31:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035825.D

Acq: 4 Nov 2020 5:02

Instrument :

MSVOA_L

ClientSampleId :

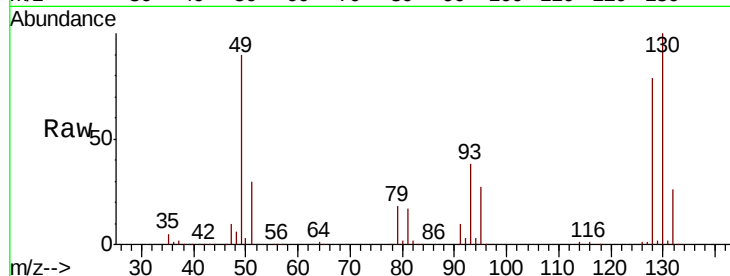
Tot Ion: 49 Resp: 1132502

Ion Ratio Lower Upper

49 100

128 92.5 41.5 124.6

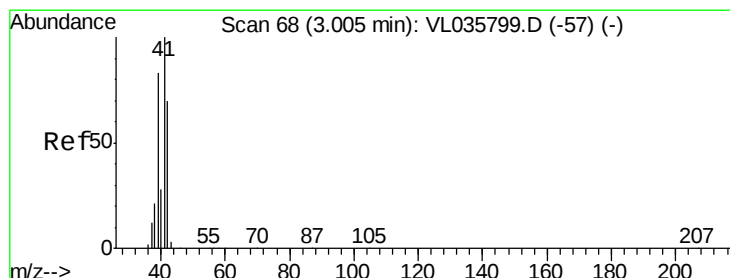
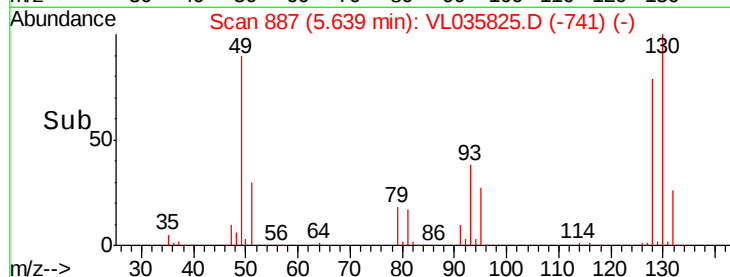
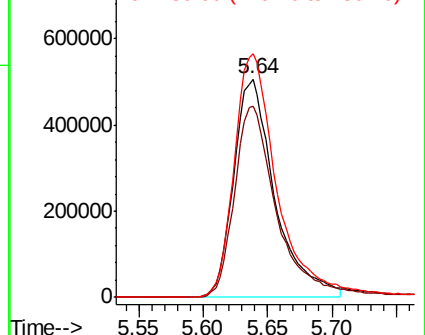
130 119.7 53.7 161.1



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: 2.99 min Scan# 63

Delta R.T. -0.02 min

Lab File: VL035825.D

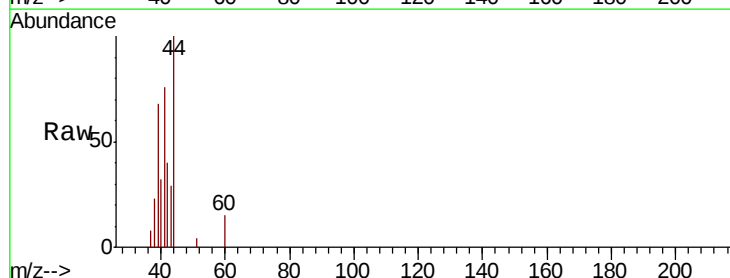
Acq: 4 Nov 2020 5:02

Tgt Ion: 41 Resp: 1866

Ion Ratio Lower Upper

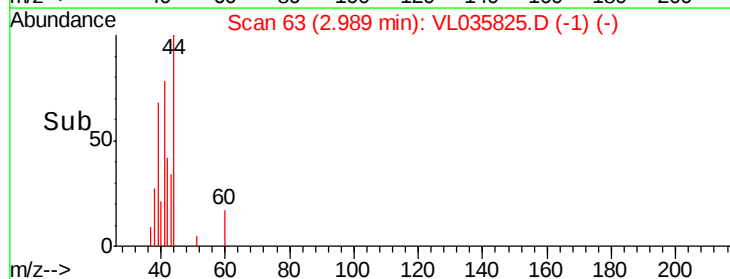
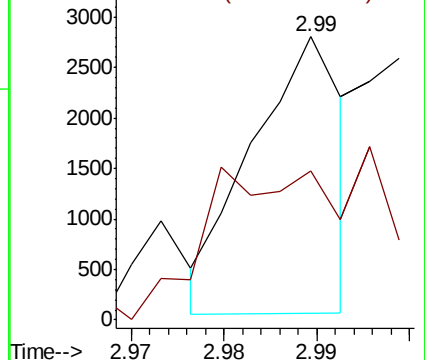
41 100

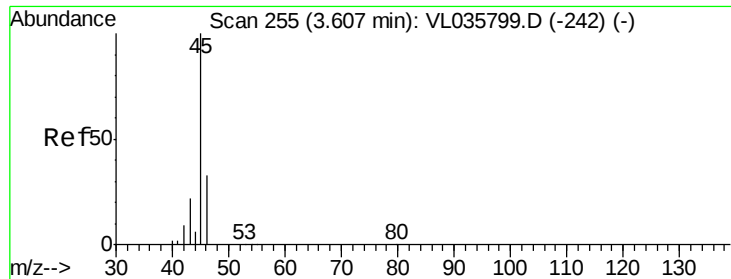
42 0.0 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.063 ppbv

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL035825.D

Acq: 4 Nov 2020 5:02

Instrument :

MSVOA_L

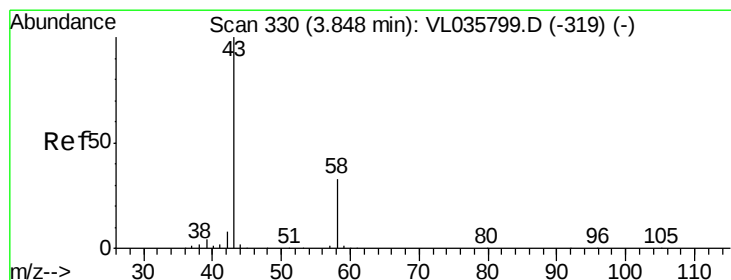
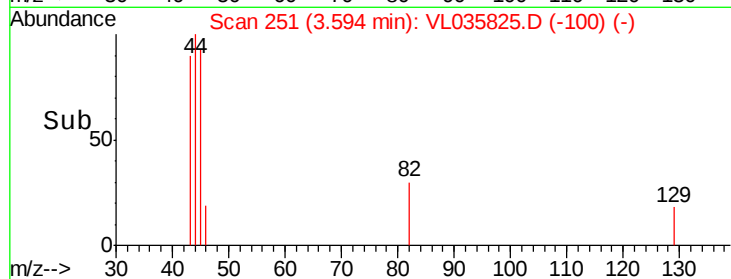
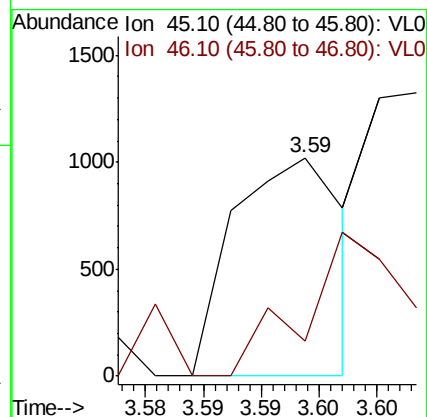
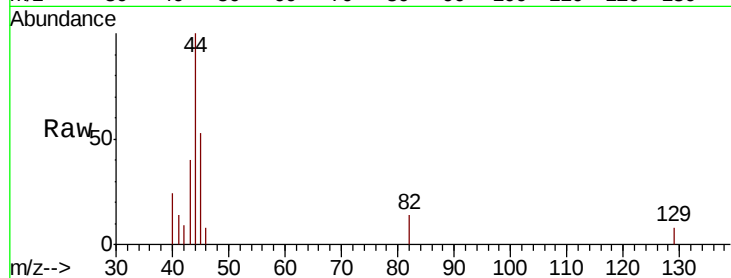
ClientSampled :

Tot Ion: 45 Resp: 674

Ion Ratio Lower Upper

45 100

46 173.6 16.1 64.5#



#15

Acetone

Concen: 0.658 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL035825.D

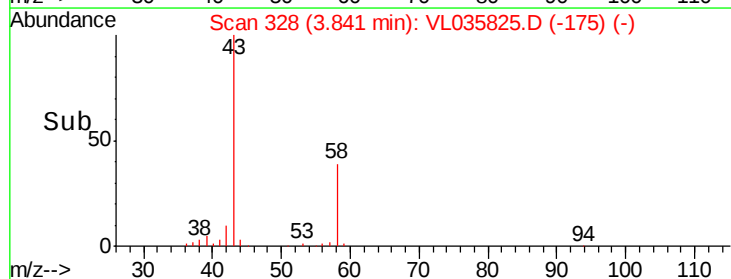
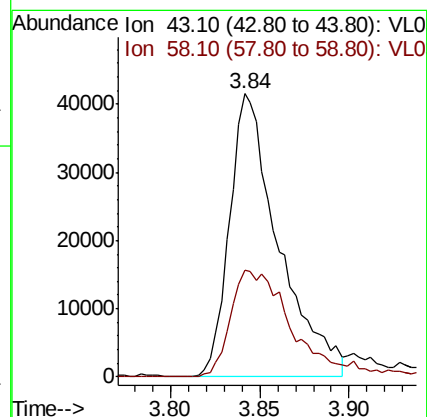
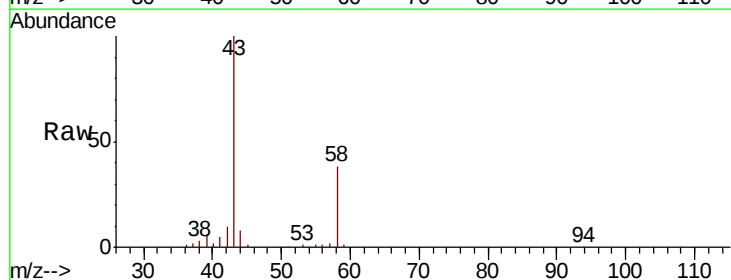
Acq: 4 Nov 2020 5:02

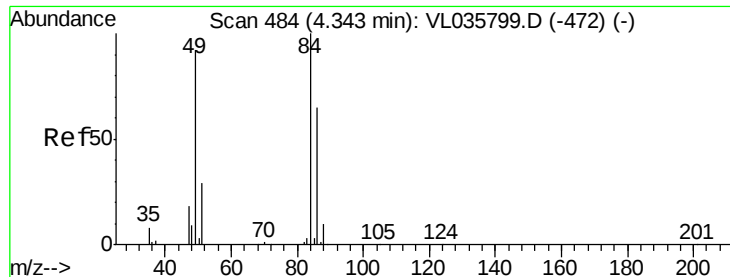
Tgt Ion: 43 Resp: 79615

Ion Ratio Lower Upper

43 100

58 49.5 27.5 41.3#

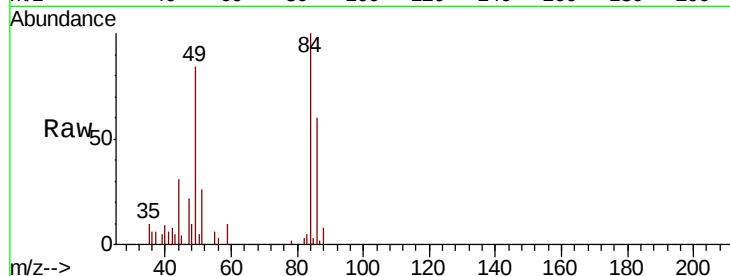




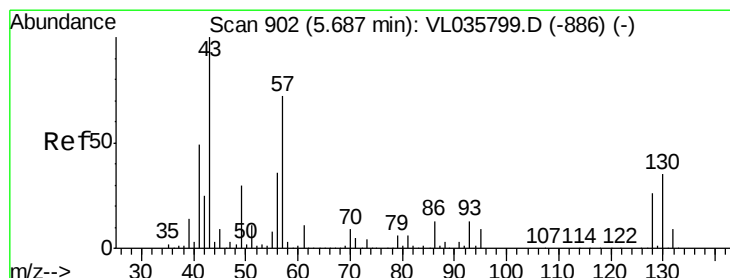
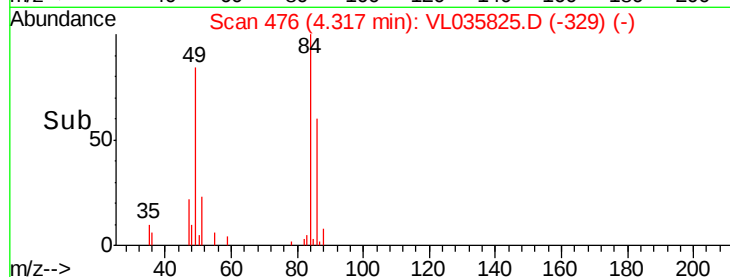
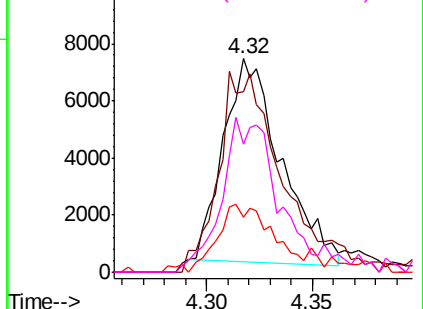
#20
Methvlene Chloride
Concen: 0.158 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035825.D
Acq: 4 Nov 2020 5:02

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	84	Resp:	13445
Ion	Ratio	Lower	Upper
84	100		
49	78.9	73.8	110.8
51	27.4	23.0	34.4
86	58.0	52.1	78.1

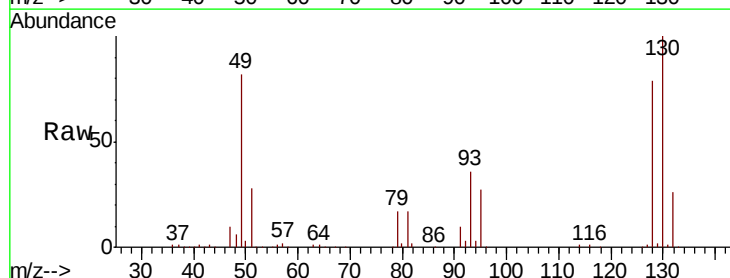


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

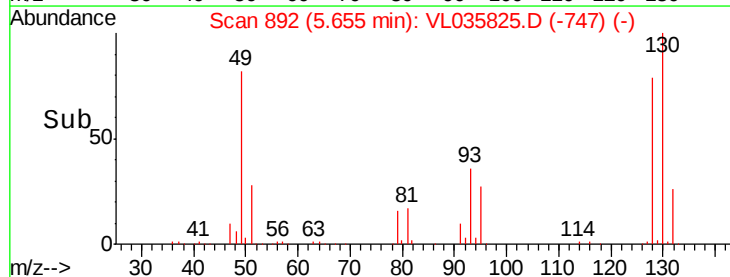
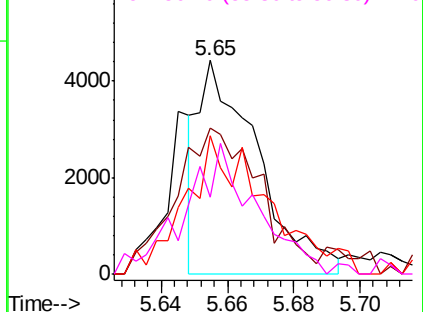


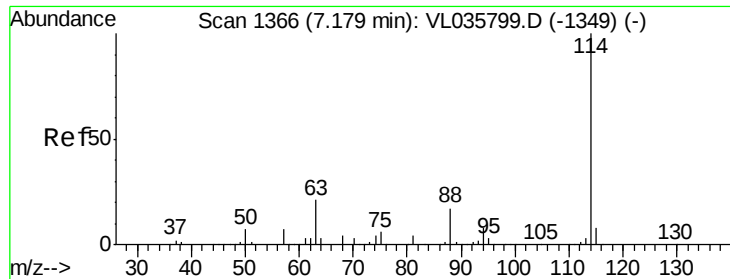
#26
Hexane
Concen: 0.042 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL035825.D
Acq: 4 Nov 2020 5:02

Tgt Ion:	57	Resp:	5468
Ion	Ratio	Lower	Upper
57	100		
41	109.5	58.9	88.3#
43	96.3	150.2	225.2#
56	74.4	42.4	63.6#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

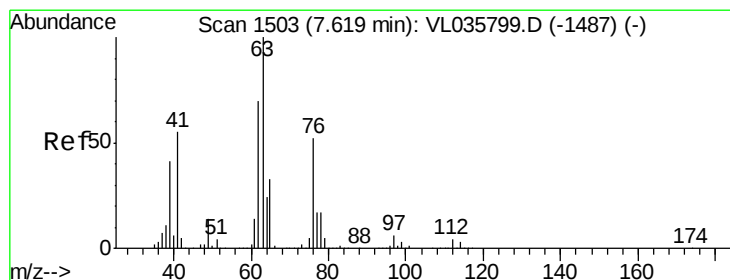
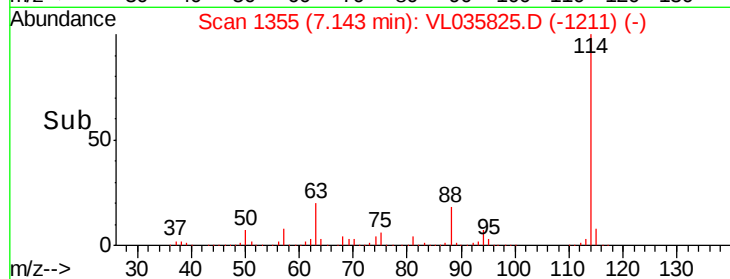
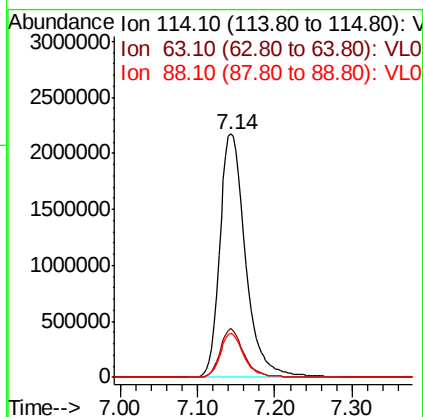
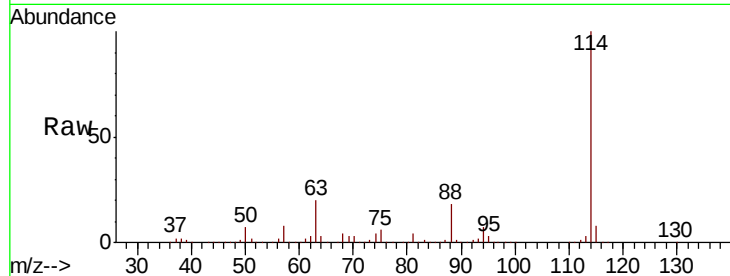




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL035825.D
 Acq: 4 Nov 2020 5:02

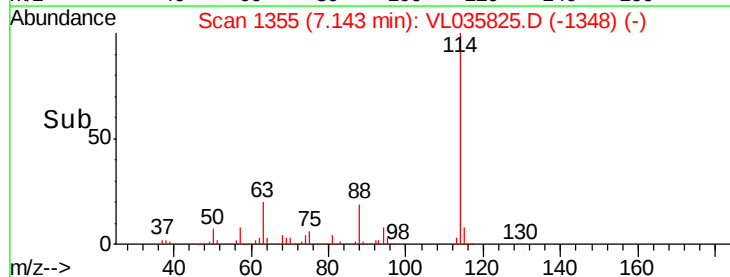
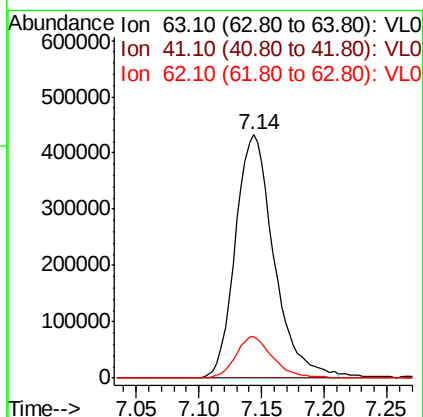
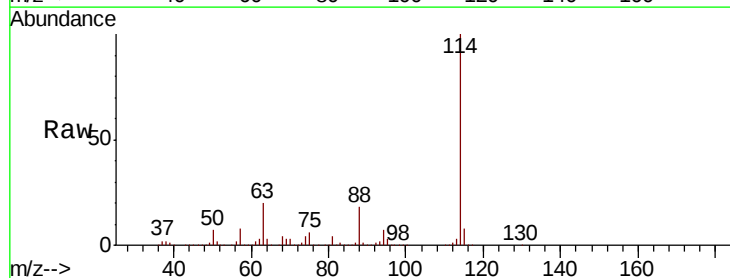
Instrument :
 MSVOA_L
 ClientSampled :

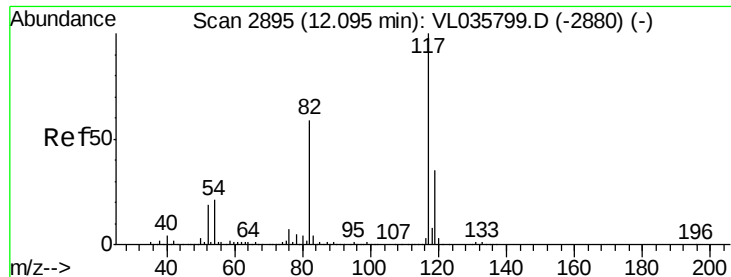
Tot Ion:114 Resp: 5060986
 Ion Ratio Lower Upper
 114 100
 63 18.6 16.1 24.1
 88 16.9 13.7 20.5



#39
 1,2-Dichloropropane
 Concen: 7.303 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.48 min
 Lab File: VL035825.D
 Acq: 4 Nov 2020 5:02

Tgt Ion: 63 Resp: 925154
 Ion Ratio Lower Upper
 63 100
 41 0.0 43.8 65.6#
 62 17.0 56.2 84.2#

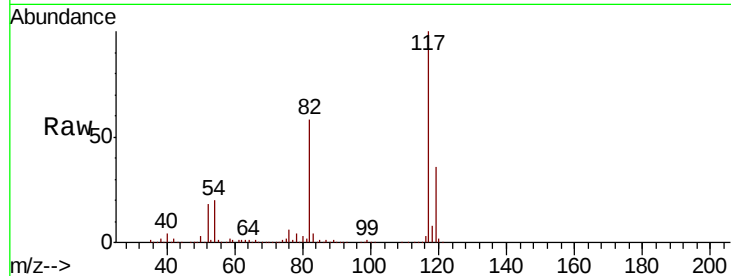




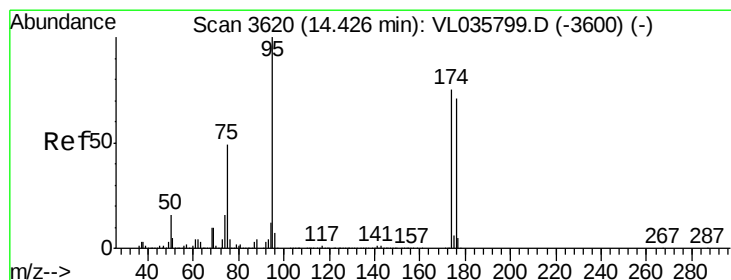
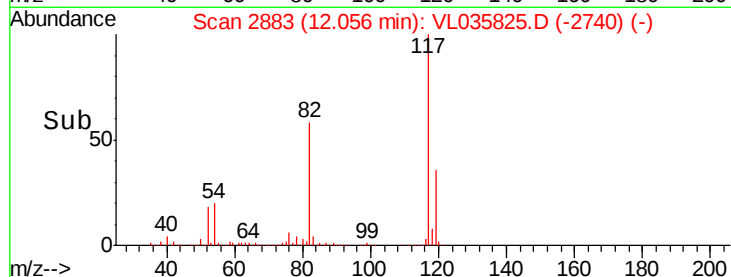
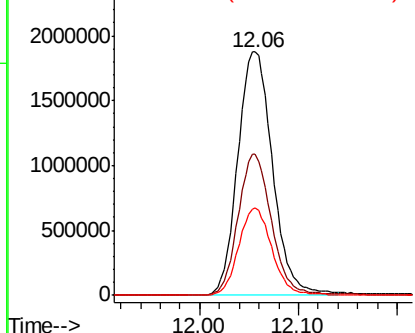
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035825.D
Acq: 4 Nov 2020 5:02

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:117 Resp: 4594886
Ion Ratio Lower Upper
117 100
82 56.6 50.6 76.0
119 34.7 52.6 78.8#

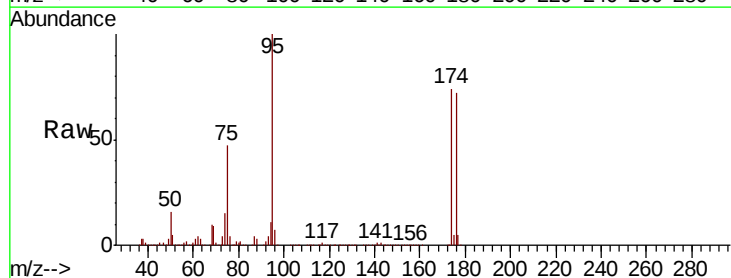


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.156 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL035825.D
Acq: 4 Nov 2020 5:02

Tgt Ion: 95 Resp: 3315559
Ion Ratio Lower Upper
95 100
174 75.8 59.8 89.6
175 5.2 4.3 6.5



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

