

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035866.D
 Acq On : 5 Nov 2020 19:00
 Operator : SY/AP
 Sample : OC102820 CAN 10006
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102820 CAN 10006

Quant Time: Nov 06 00:28:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1103799	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4474890	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4060184	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2840275	9.85	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

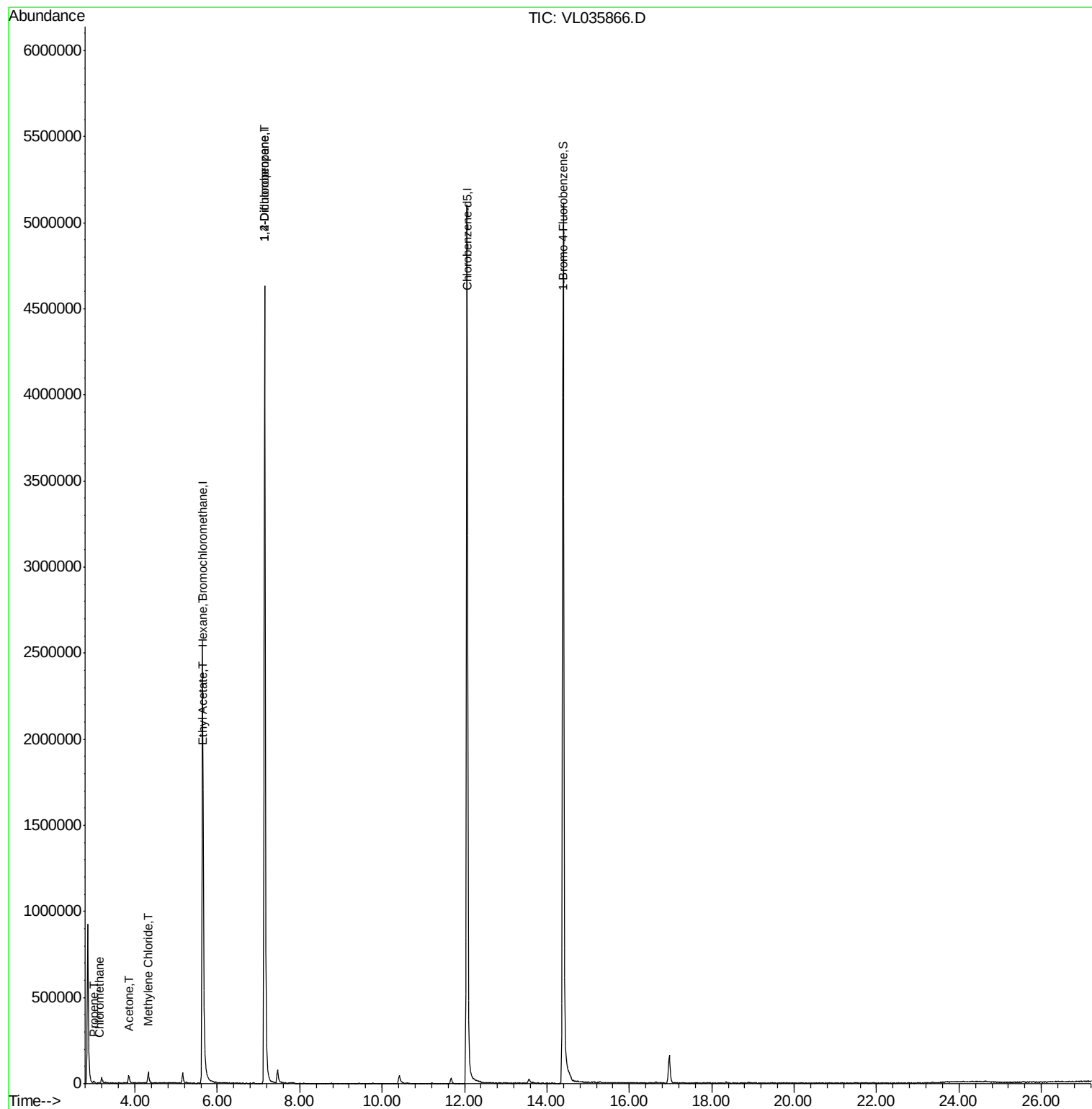
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.12	50	2150	0.033	ppbv #	41
9) Propene	3.00	41	2601	0.054	ppbv #	46
15) Acetone	3.84	43	47996	0.407	ppbv #	31
20) Methylene Chloride	4.33	84	36626	0.441	ppbv	89
25) Ethyl Acetate	5.66	43	11296	0.049	ppbv #	72
26) Hexane	5.66	57	8630	0.067	ppbv #	1
39) 1,2-Dichloropropane	7.15	63	845246	7.547	ppbv #	30

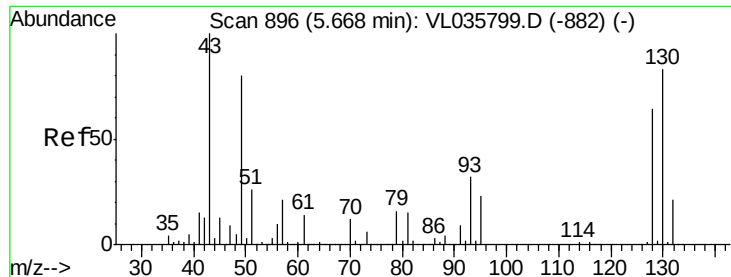
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
Data File : VL035866.D
Acq On : 5 Nov 2020 19:00
Operator : SY/AP
Sample : OC102820 CAN 10006
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC102820 CAN 10006

Quant Time: Nov 06 00:28:55 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# 888

Delta R.T. -0.03 min

Lab File: VL035866.D

Acq: 5 Nov 2020 19:00

Instrument :

MSVOA_L

ClientSampleId :

QC102820 CAN 10006

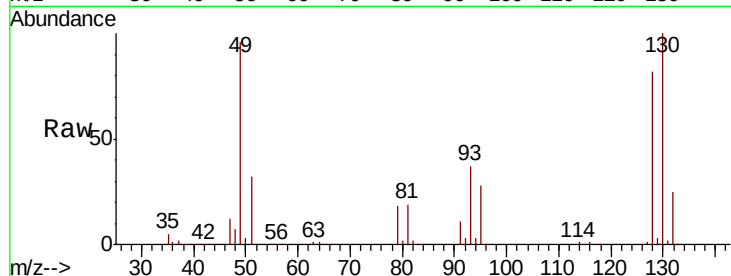
Tot Ion: 49 Resp: 1103799

Ion Ratio Lower Upper

49 100

128 86.7 41.5 124.6

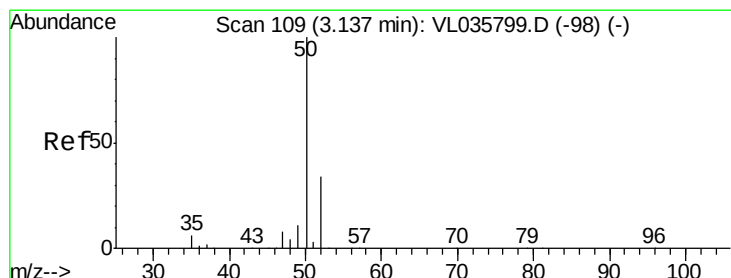
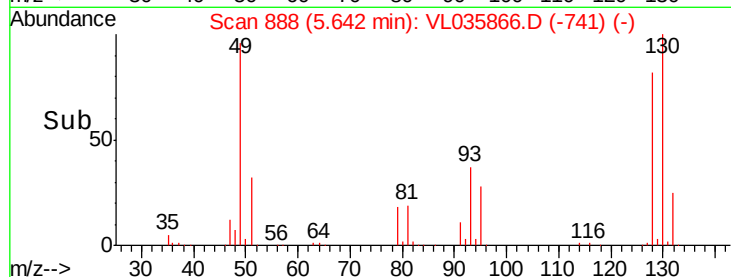
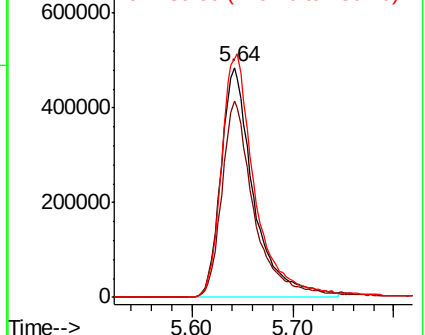
130 111.0 53.7 161.1



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



#4

Chloromethane

Concen: 0.033 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.01 min

Lab File: VL035866.D

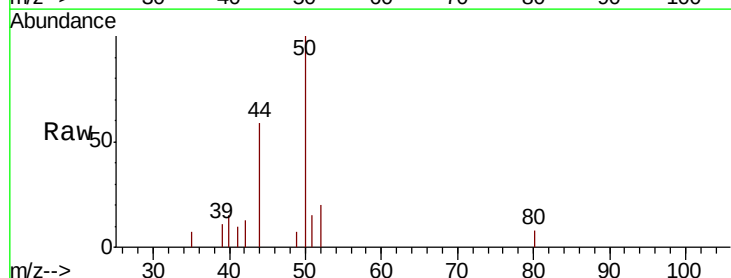
Acq: 5 Nov 2020 19:00

Tgt Ion: 50 Resp: 2150

Ion Ratio Lower Upper

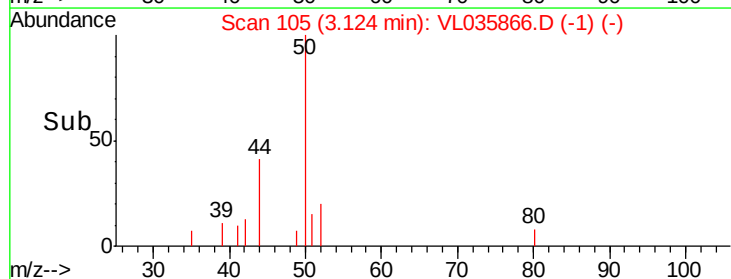
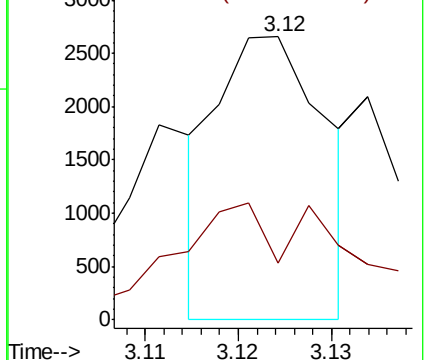
50 100

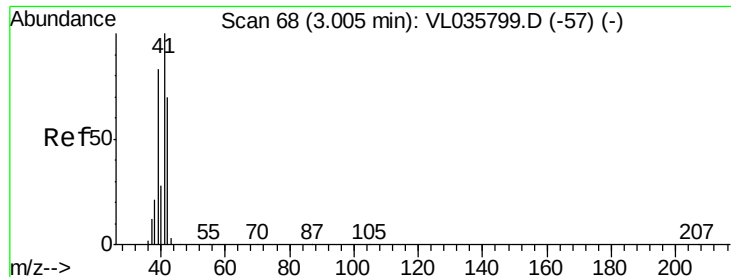
52 0.0 27.1 40.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.054 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035866.D

Acq: 5 Nov 2020 19:00

Instrument :

MSVOA_L

ClientSampleId :

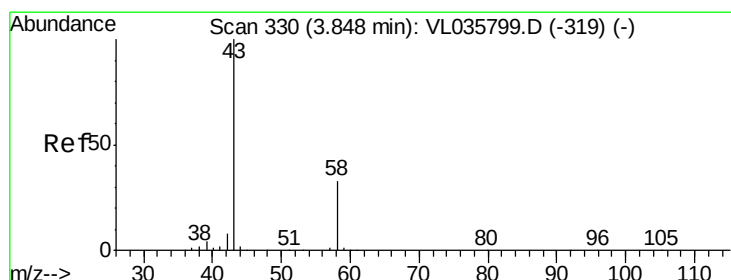
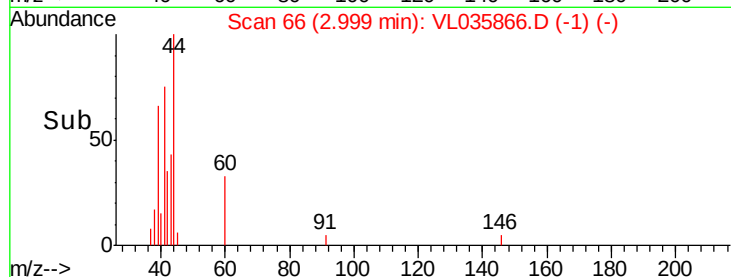
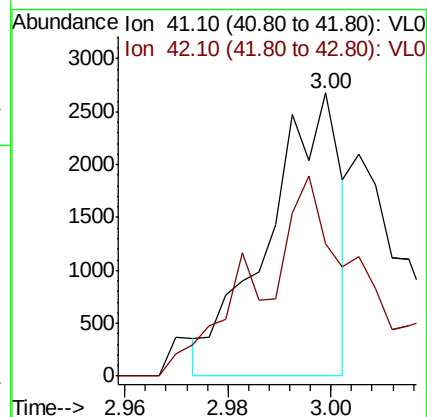
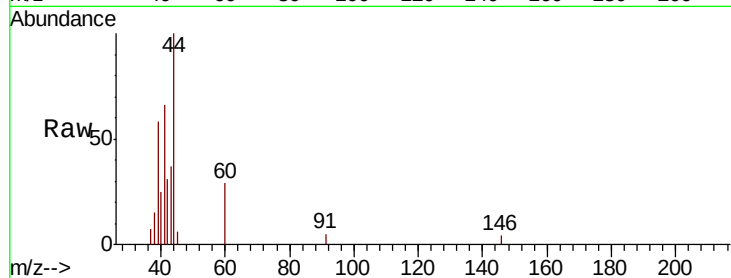
QC102820 CAN 10006

Tot Ion: 41 Resp: 2601

Ion Ratio Lower Upper

41 100

42 114.6 56.2 84.4#



#15

Acetone

Concen: 0.407 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.00 min

Lab File: VL035866.D

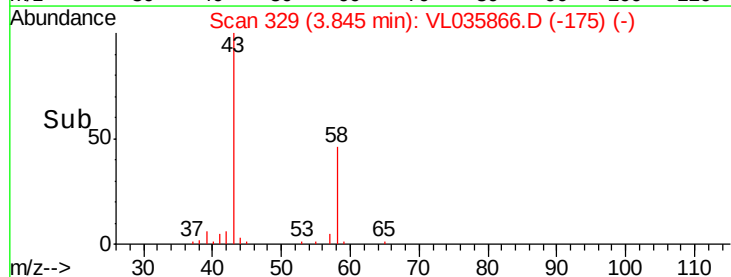
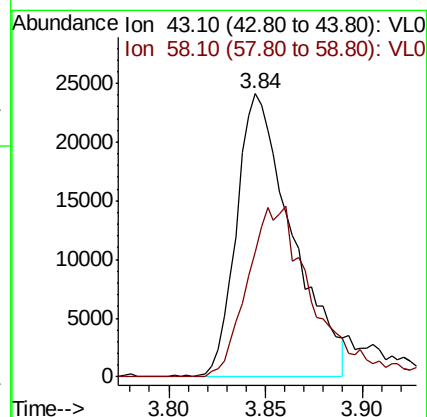
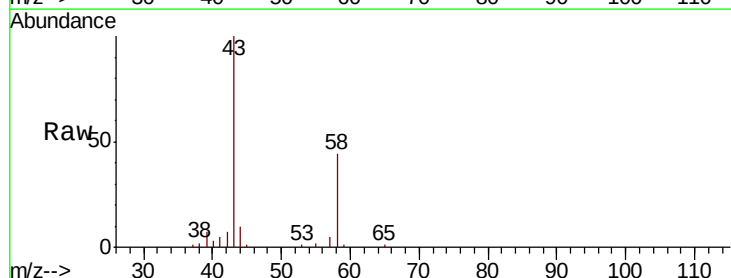
Acq: 5 Nov 2020 19:00

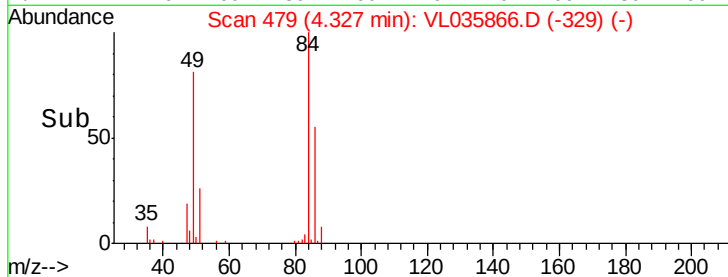
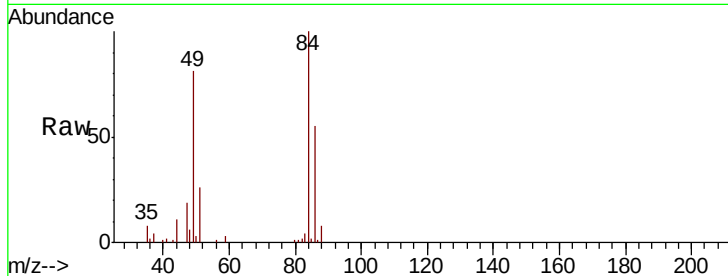
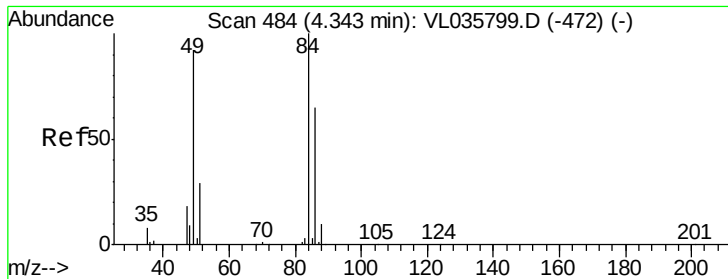
Tgt Ion: 43 Resp: 47996

Ion Ratio Lower Upper

43 100

58 74.4 27.5 41.3#

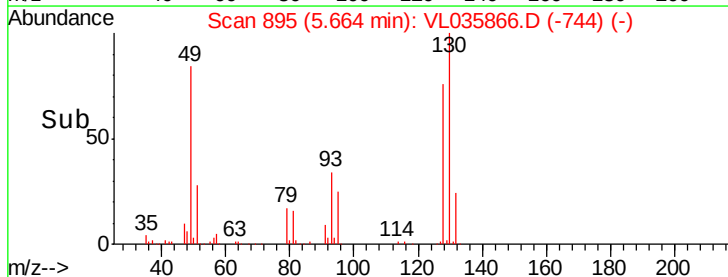
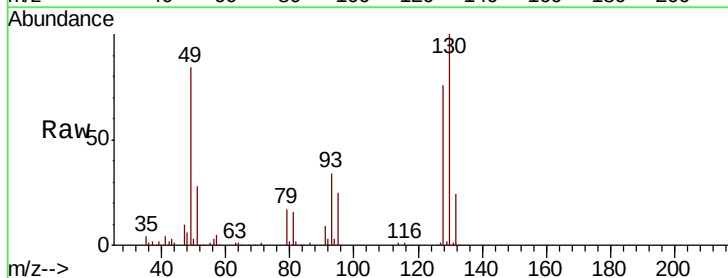
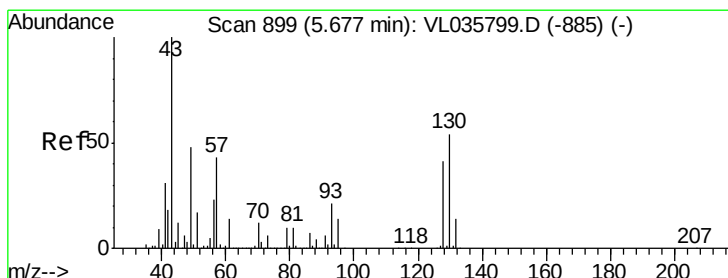
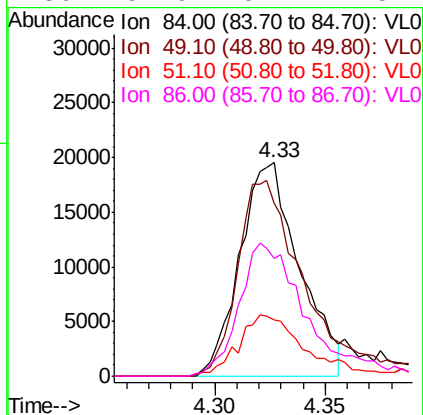




#20
Methylene Chloride
Concen: 0.441 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL035866.D
Acq: 5 Nov 2020 19:00

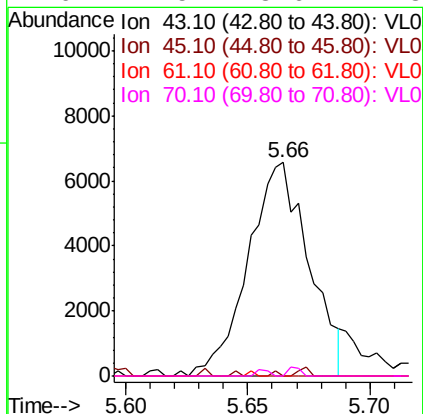
Instrument :
MSVOA_L
ClientSampleId :
QC102820 CAN 10006

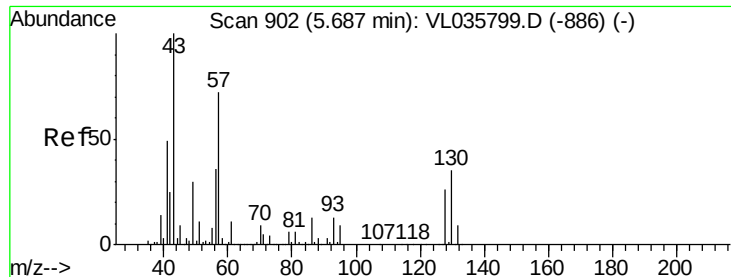
Tot Ion:	84	Resp:	36626
Ion	Ratio	Lower	Upper
84	100		
49	80.9	73.8	110.8
51	26.1	23.0	34.4
86	54.9	52.1	78.1



#25
Ethyl Acetate
Concen: 0.049 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035866.D
Acq: 5 Nov 2020 19:00

Tgt Ion:	43	Resp:	11296
Ion	Ratio	Lower	Upper
43	100		
45	0.8	8.5	12.7#
61	0.0	10.7	16.1#
70	1.5	8.6	12.8#





#26

Hexane

Concen: 0.067 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

Lab File: VL035866.D

Acq: 5 Nov 2020 19:00

Instrument :

MSVOA_L

ClientSampleId :

QC102820 CAN 10006

Tot Ion: 57 Resp: 8630

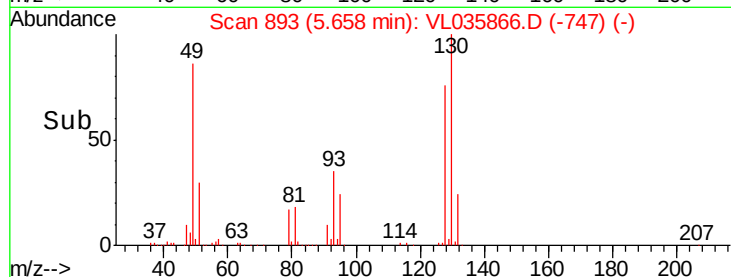
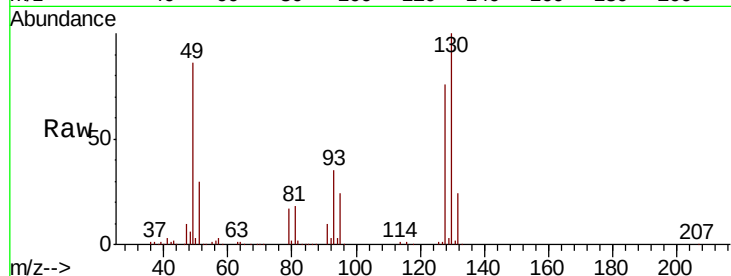
Ion Ratio Lower Upper

57 100

41 187.8 58.9 88.3#

43 0.0 150.2 225.2#

56 125.4 42.4 63.6#

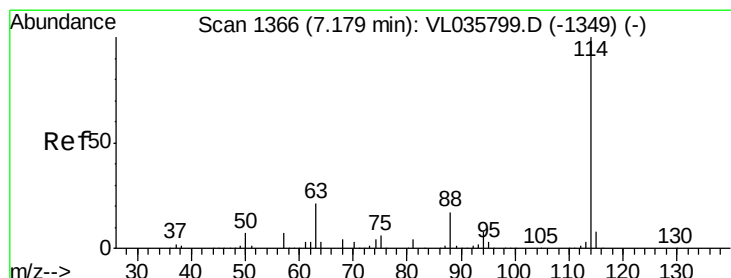
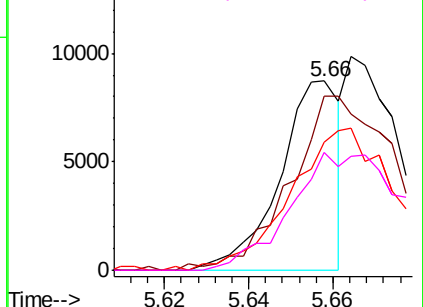


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 7.15 min Scan# 1357

Delta R.T. -0.03 min

Lab File: VL035866.D

Acq: 5 Nov 2020 19:00

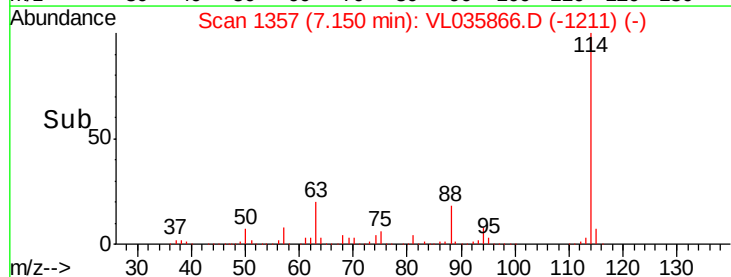
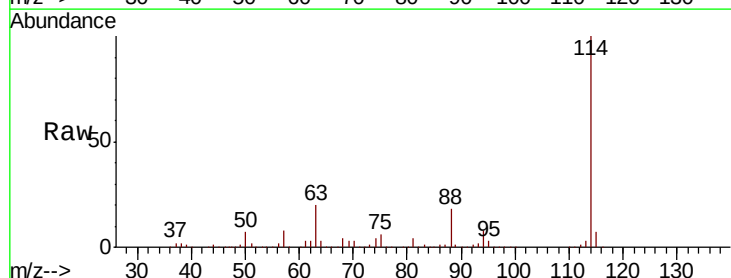
Tgt Ion:114 Resp: 4474890

Ion Ratio Lower Upper

114 100

63 19.3 16.1 24.1

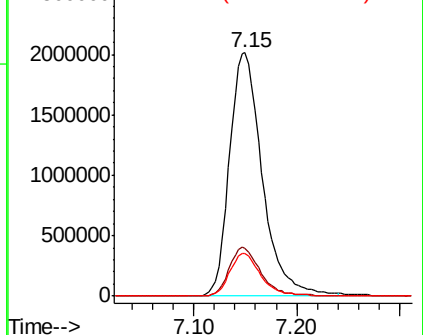
88 16.9 13.7 20.5

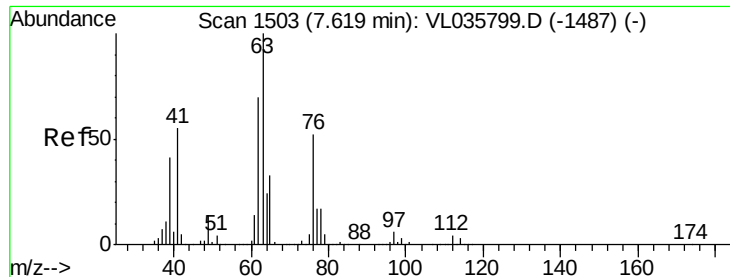


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

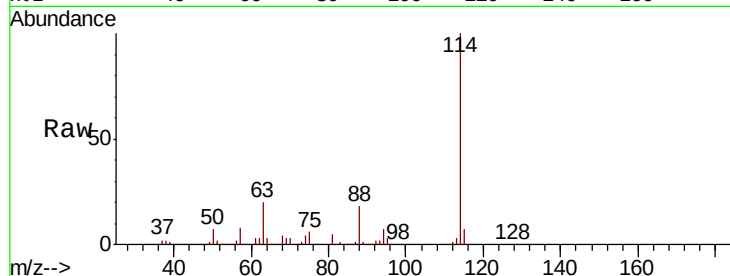




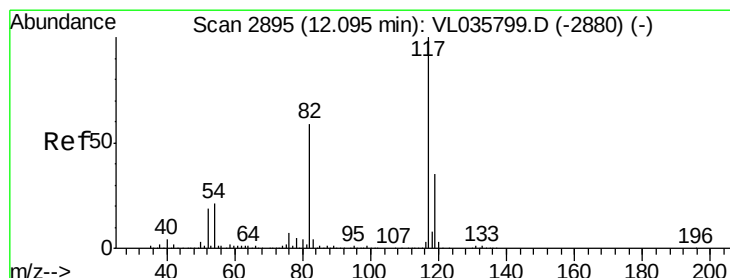
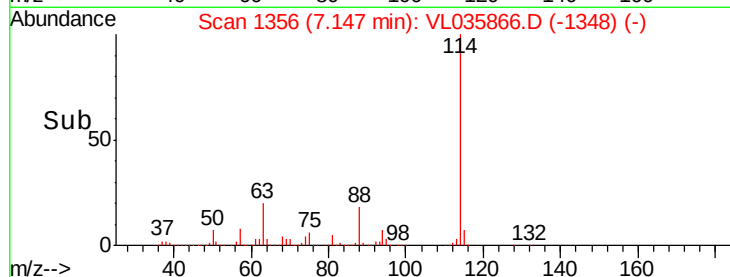
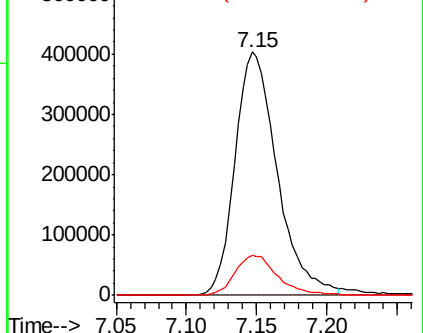
#39
 1,2-Dichloropropane
 Concen: 7.547 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.47 min
 Lab File: VL035866.D
 Acq: 5 Nov 2020 19:00

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102820 CAN 10006

Tot Ion: 63 Resp: 845246
 Ion Ratio Lower Upper
 63 100
 41 0.0 43.8 65.6#
 62 16.3 56.2 84.2#

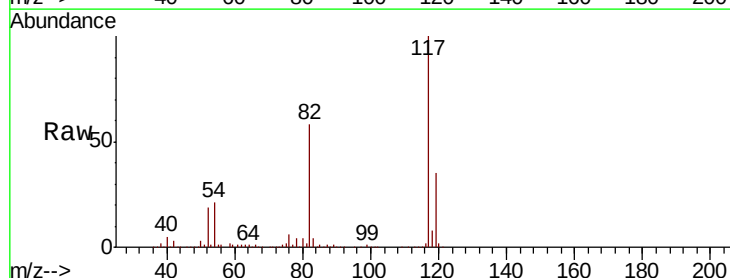


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

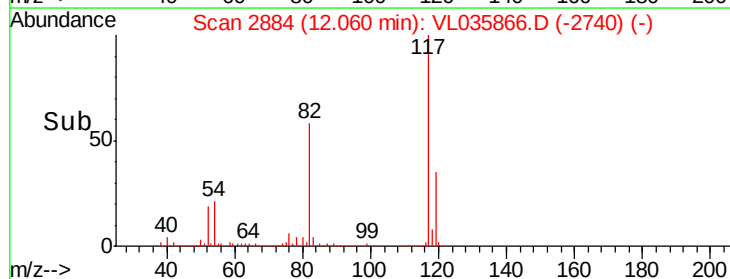
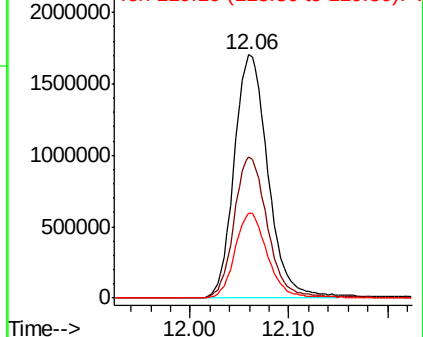


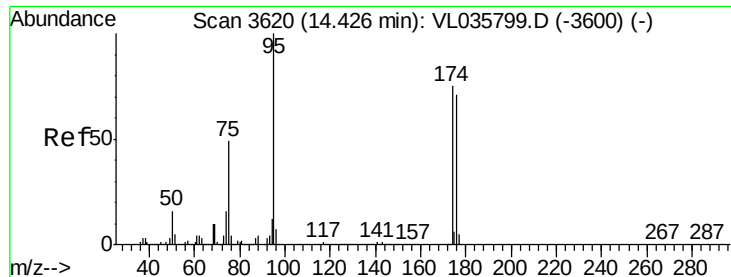
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T. -0.04 min
 Lab File: VL035866.D
 Acq: 5 Nov 2020 19:00

Tgt Ion: 117 Resp: 4060184
 Ion Ratio Lower Upper
 117 100
 82 58.1 50.6 76.0
 119 34.3 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: 9.846 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL035866.D

Acq: 5 Nov 2020 19:00

Instrument :

MSVOA_L

ClientSampleId :

QC102820 CAN 10006

Tot Ion: 95 Resp: 2840275

Ion Ratio Lower Upper

95 100

174 78.1 59.8 89.6

175 5.6 4.3 6.5

