

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037196.D
 Acq On : 17 Jun 2021 11:32
 Operator : SY/AP
 Sample : VL0617ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0617ABL01

Quant Time: Jun 18 01:20:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1362530	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4084890	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	3508581	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2549530	9.59	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

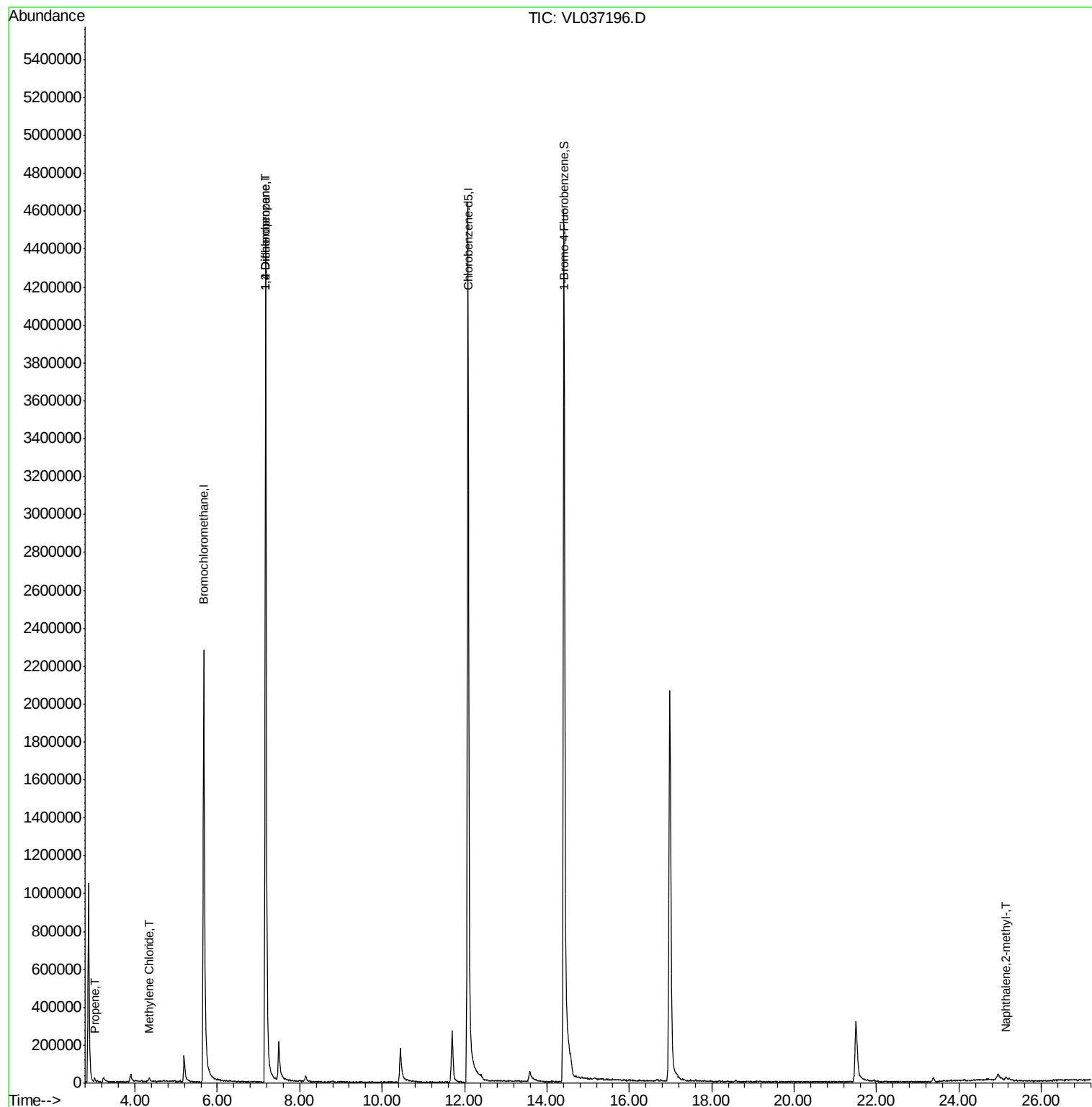
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	5838	0.069	ppbv	97
20) Methylene Chloride	4.34	84	7558	0.082	ppbv #	78
39) 1,2-Dichloropropane	7.17	63	971573	7.915	ppbv #	23
80) Naphthalene,2-methyl-	25.13	142	2024	0.021	ppbv	94

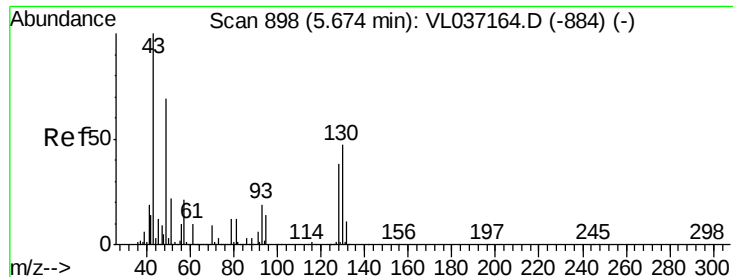
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL037196.D

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Instrument :

MSVOA_L

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VL0617ABL01

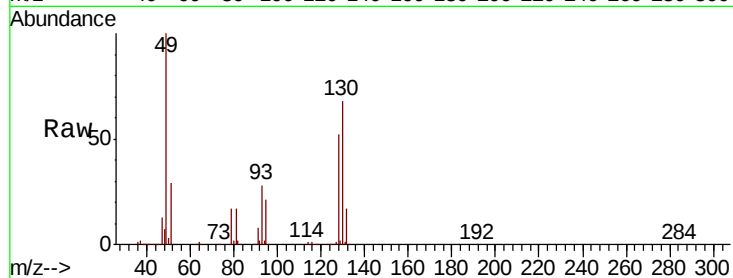
Tot Ion: 49 Resp: 1362530

Ion Ratio Lower Upper

49 100

128 58.8 29.3 88.0

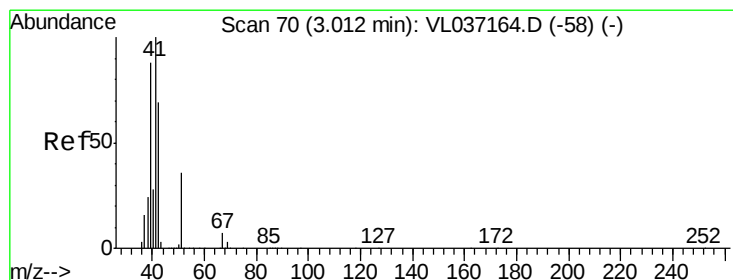
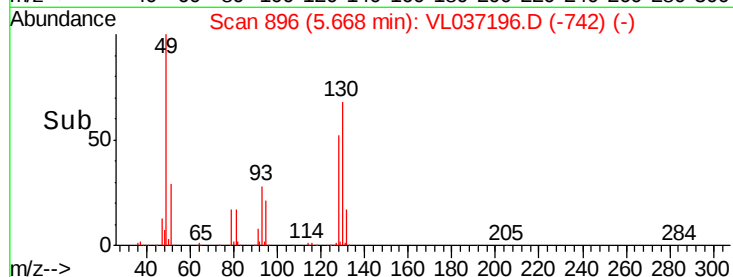
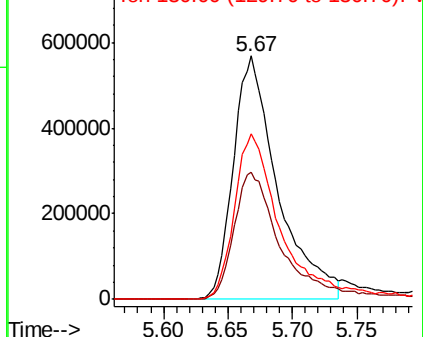
130 73.4 35.9 107.8



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



#9

Propene

Concen: 0.069 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037196.D

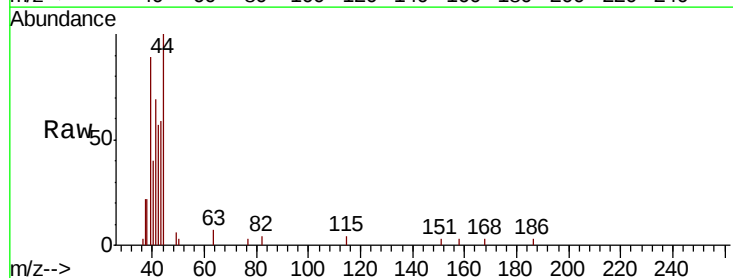
Acq: 17 Jun 2021 11:32

Tgt Ion: 41 Resp: 5838

Ion Ratio Lower Upper

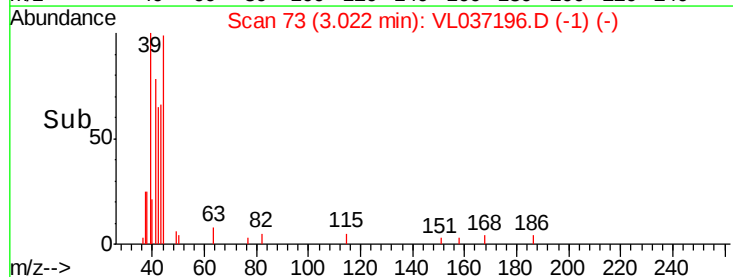
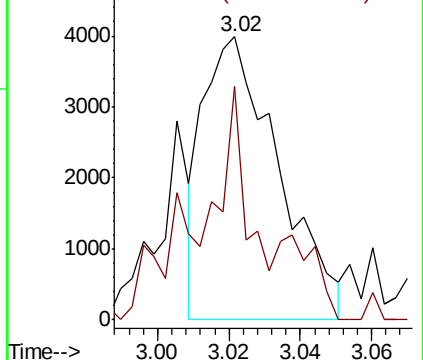
41 100

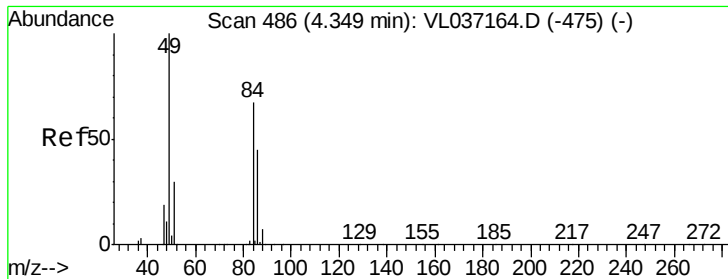
42 70.7 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

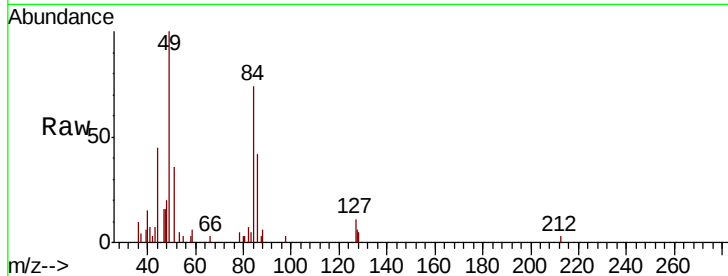




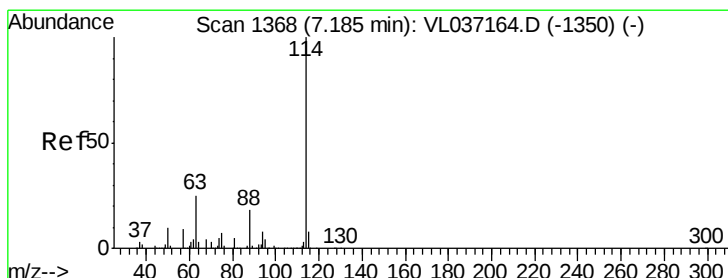
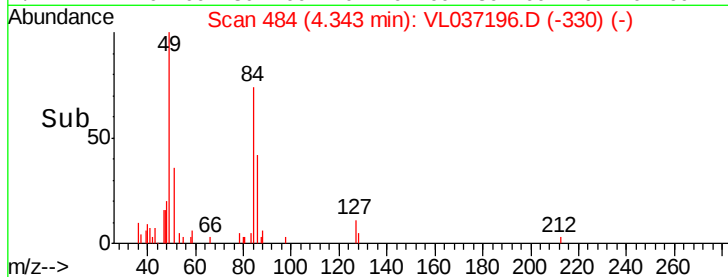
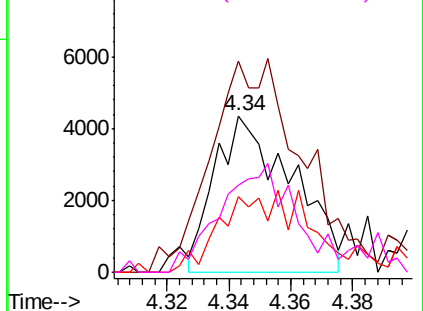
#20
Methvlene Chloride
Concen: 0.082 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL037196.D
Acq: 17 Jun 2021 11:32

Instrument :
MSVOA_L
ClientSampleId :
VL0617ABL01

Tot Ion:	84	Resp:	7558
Ion	Ratio	Lower	Upper
84	100		
49	113.9	119.7	179.5#
51	39.7	36.1	54.1
86	52.9	53.7	80.5#

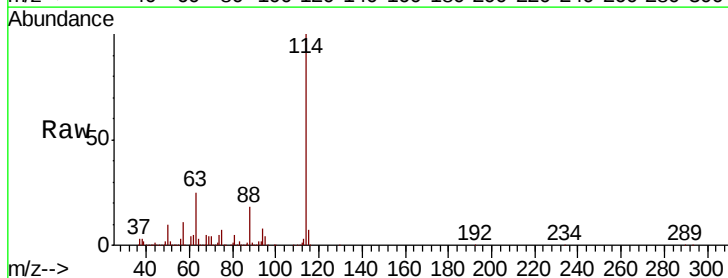


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

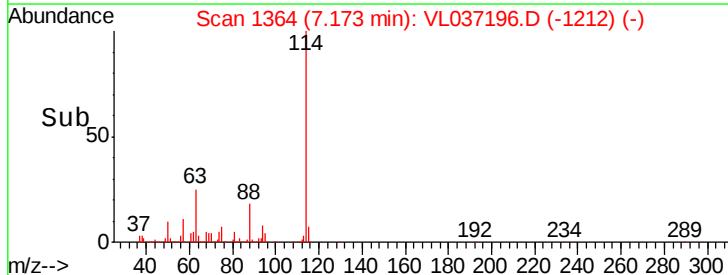
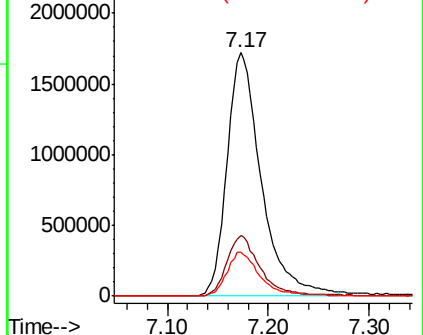


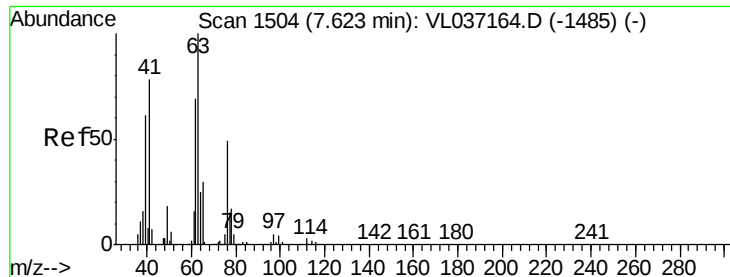
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL037196.D
Acq: 17 Jun 2021 11:32

Tgt Ion:	114	Resp:	4084890
Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.6	29.4
88	17.7	14.2	21.2



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

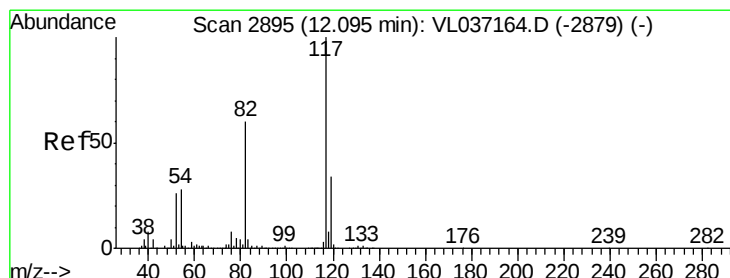
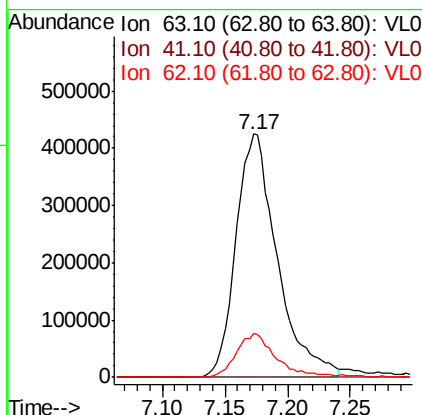
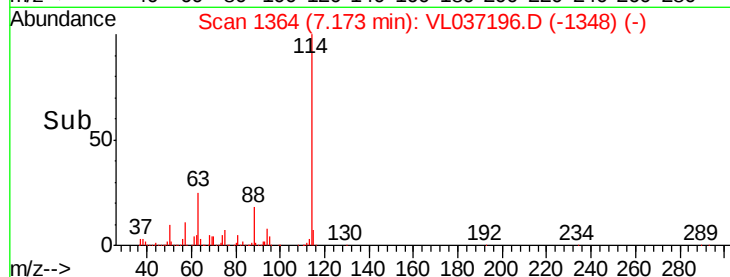
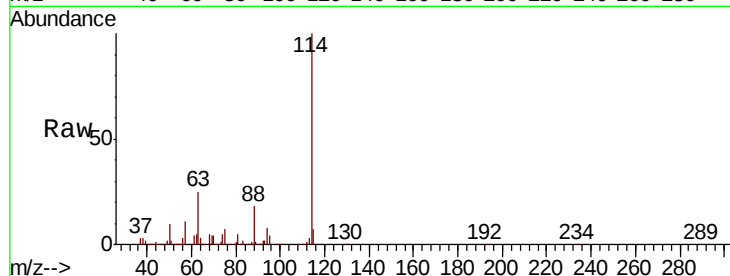




#39
 1,2-Dichloropropane
 Concen: 7.915 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL037196.D
 Acq: 17 Jun 2021 11:32

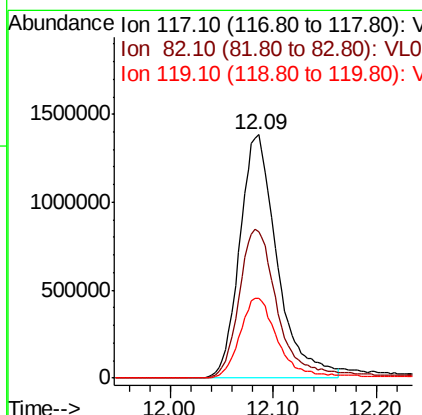
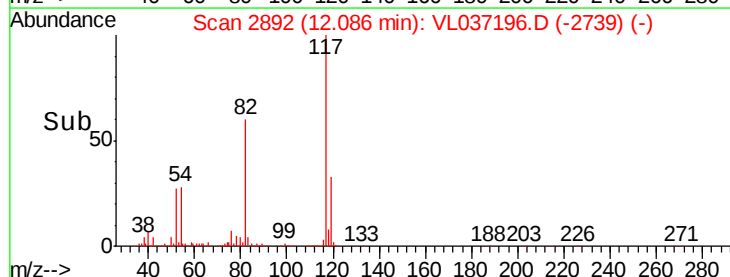
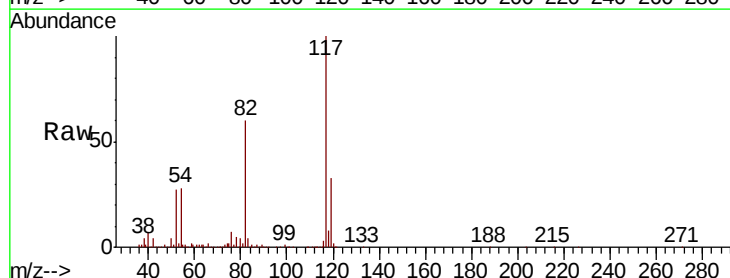
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 VL0617ABL01

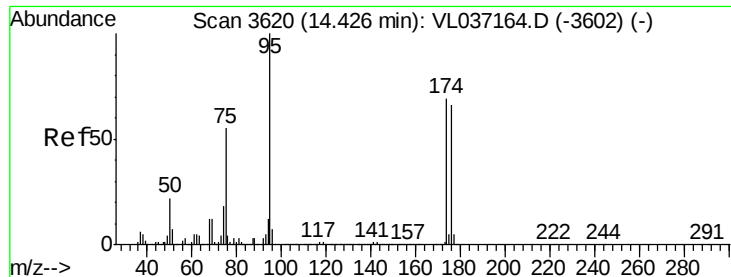
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	18.2	54.9	82.3#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: VL037196.D
 Acq: 17 Jun 2021 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.2	51.7	77.5
119	34.5	47.6	71.4#

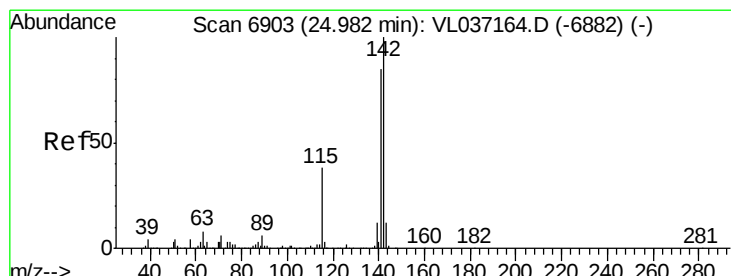
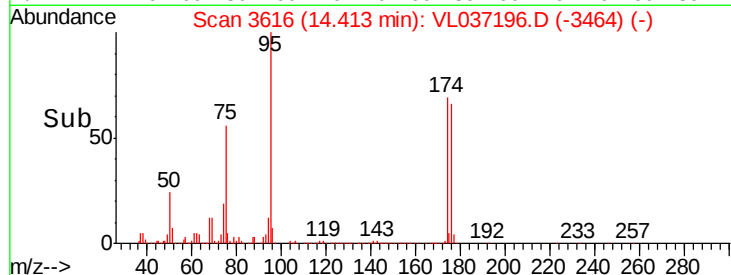
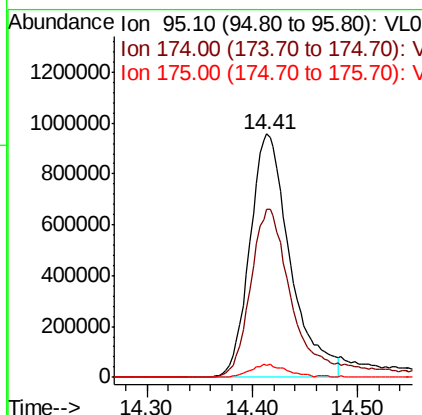
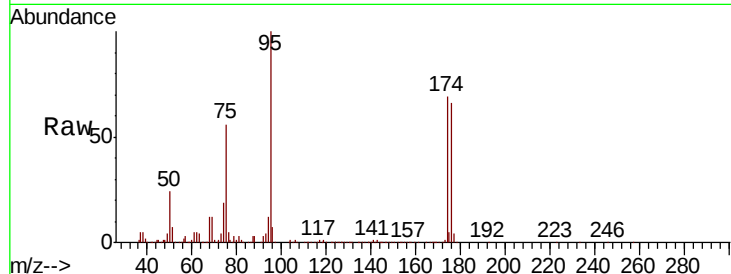




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.590 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL037196.D
 Acq: 17 Jun 2021 11:32

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0617ABL01

Tot Ion: 95 Resp: 2549530
 Ion Ratio Lower Upper
 95 100
 174 77.3 57.0 85.4
 175 5.4 4.4 6.6



#80
 Naphthalene, 2-methyl-
 Concen: 0.021 ppbv
 RT: 25.13 min Scan# 6949
 Delta R.T. 0.15 min
 Lab File: VL037196.D
 Acq: 17 Jun 2021 11:32

Tgt Ion: 142 Resp: 2024
 Ion Ratio Lower Upper
 142 100
 141 76.3 63.7 95.5
 115 43.8 30.6 45.8

