

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081321\
 Data File : VL037445.D
 Acq On : 13 Aug 2021 12:45
 Operator : SY/AP
 Sample : OC081021 CAN 10609
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 16 01:41:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 01:37:35 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1242714	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3936149	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3316653	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2381806	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

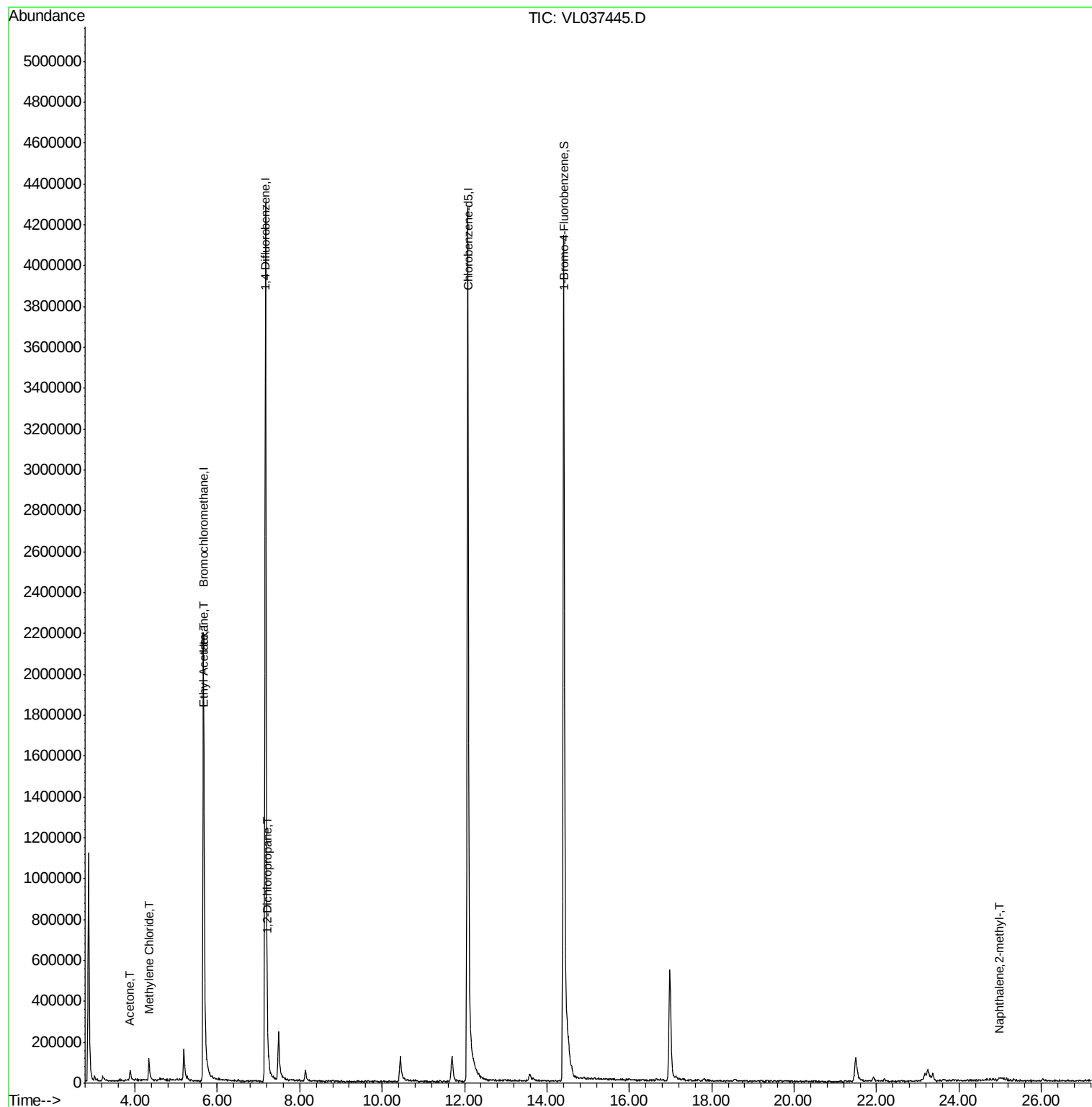
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	27699	0.210	ppbv #	1
20) Methylene Chloride	4.34	84	25821	0.371	ppbv	91
25) Ethyl Acetate	5.68	43	16003	0.051	ppbv #	79
26) Hexane	5.68	57	17435	0.108	ppbv #	38
39) 1,2-Dichloropropane	7.22	63	21088	0.167	ppbv #	25
80) Naphthalene,2-methyl-	24.98	142	6984	0.147	ppbv #	15

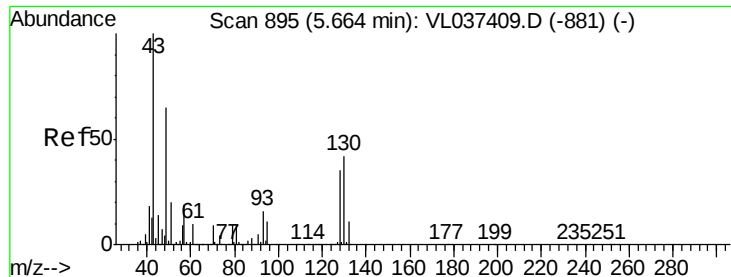
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081321\
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

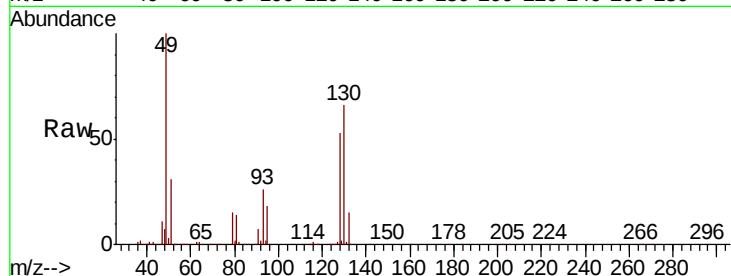
Lab File: VL037445.D

Acq: 13 Aug 2021 12:45

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1242714

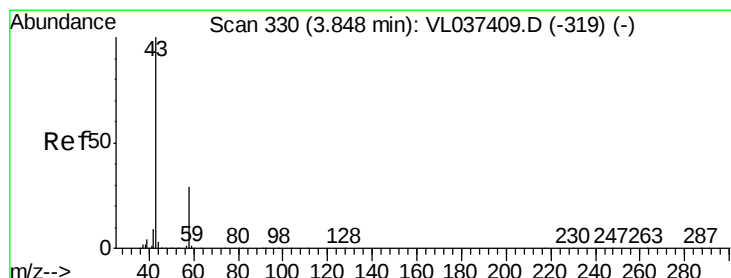
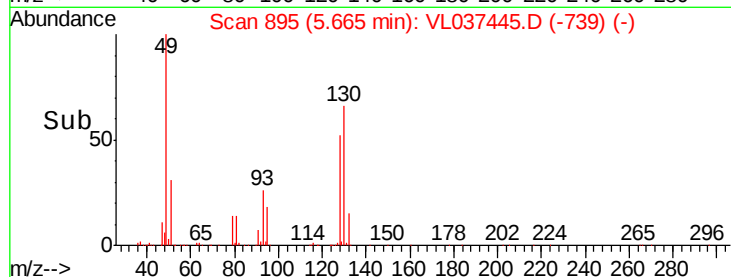
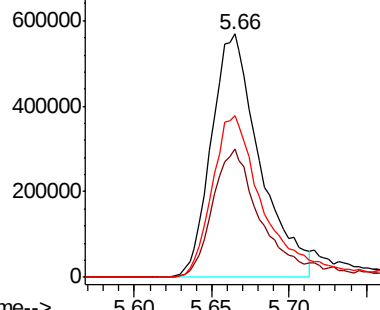
Ion	Ratio	Lower	Upper
49	100		
128	56.8	27.9	83.6
130	74.0	34.6	103.8



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



#15

Acetone

Concen: 0.210 ppbv

RT: 3.88 min Scan# 340

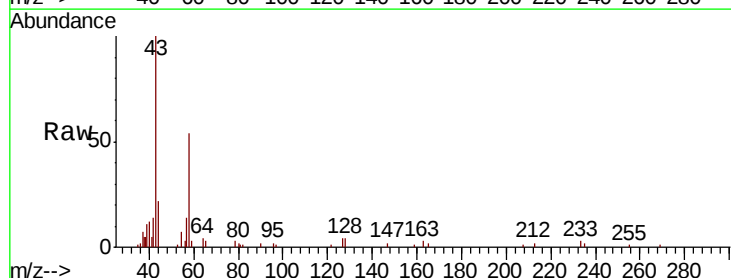
Delta R.T. 0.03 min

Lab File: VL037445.D

Acq: 13 Aug 2021 12:45

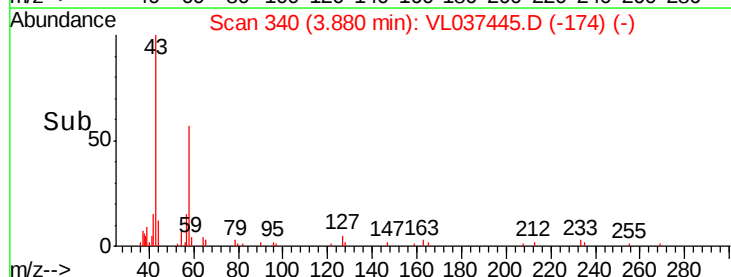
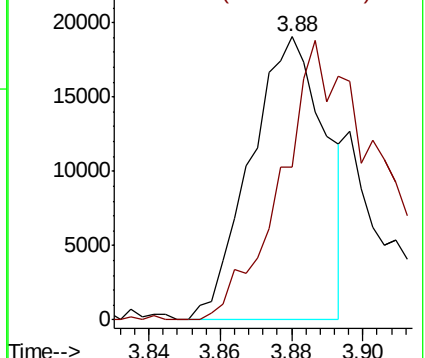
Tgt Ion: 43 Resp: 27699

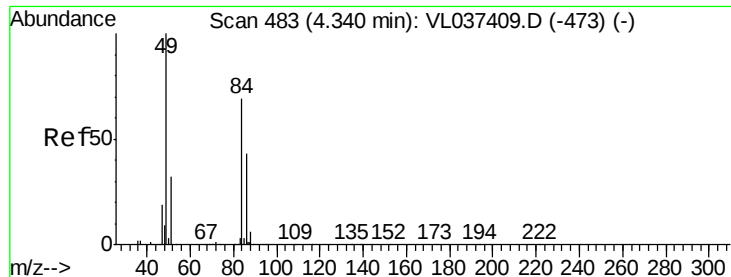
Ion	Ratio	Lower	Upper
43	100		
58	161.4	24.4	36.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

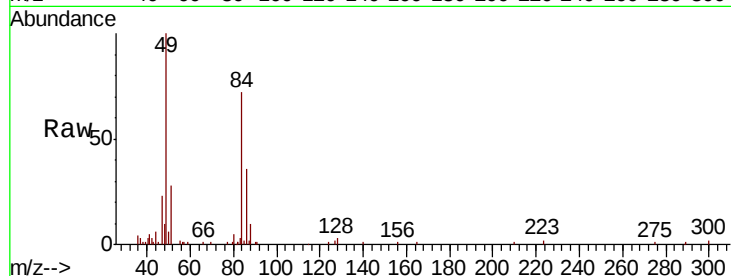




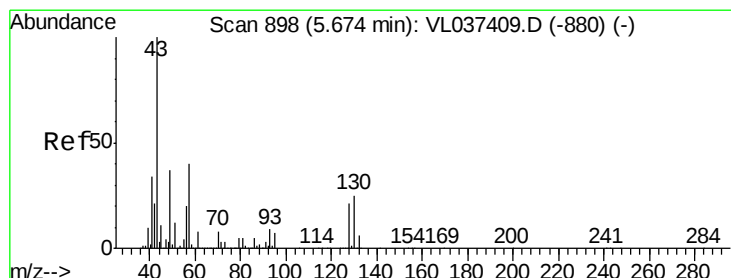
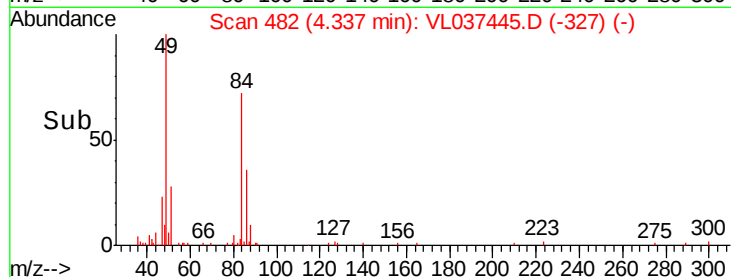
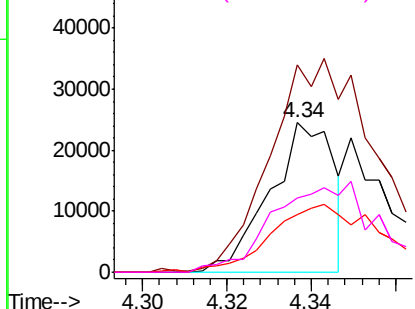
#20
Methvlene Chloride
Concen: 0.371 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL037445.D
Acq: 13 Aug 2021 12:45

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	84	Resp:	25821
Ion	Ratio	Lower	Upper
84	100		
49	138.1	116.0	174.0
51	38.4	37.1	55.7
86	49.4	49.4	74.0

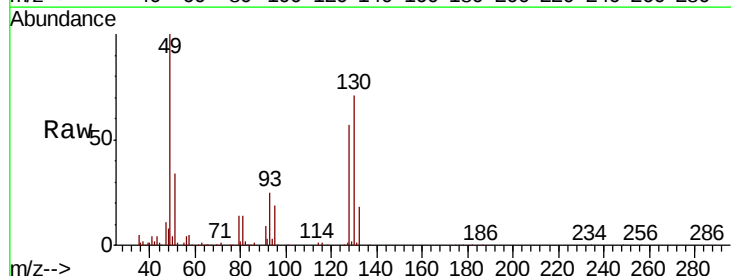


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

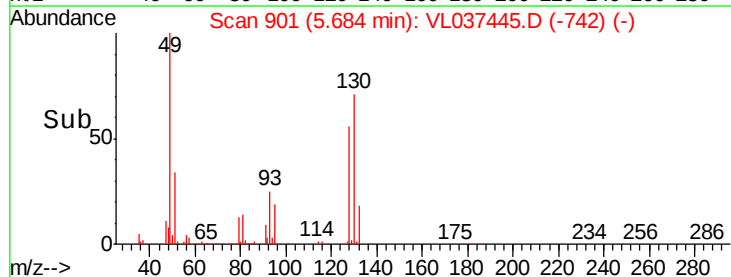
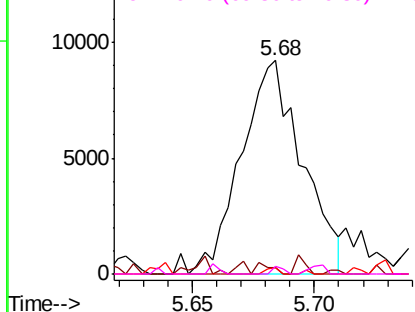


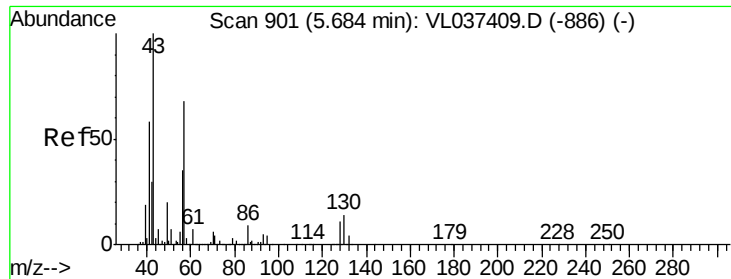
#25
Ethyl Acetate
Concen: 0.051 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL037445.D
Acq: 13 Aug 2021 12:45

Tgt Ion:	43	Resp:	16003
Ion	Ratio	Lower	Upper
43	100		
45	3.1	7.9	11.9#
61	0.8	7.7	11.5#
70	0.6	5.8	8.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

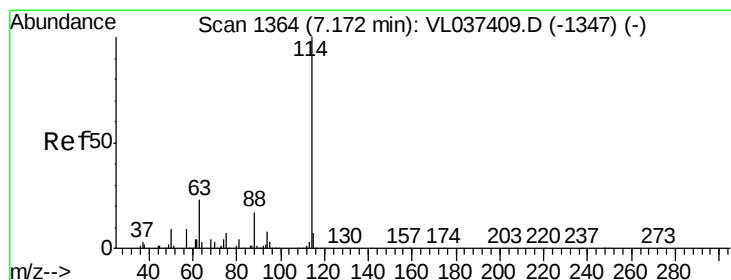
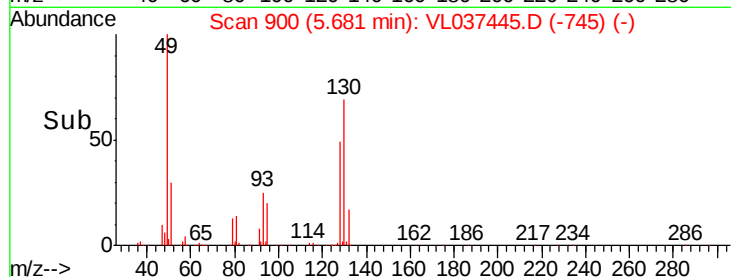
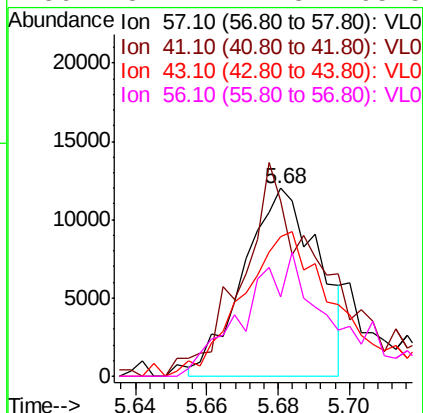
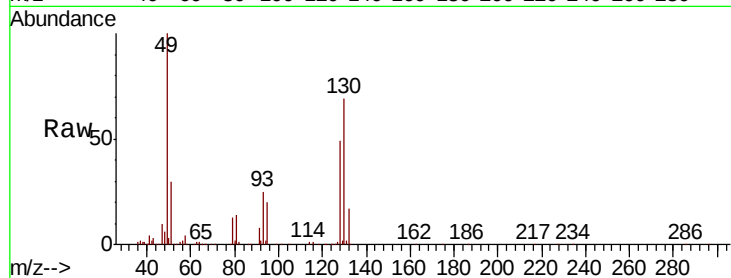




#26
Hexane
Concen: 0.108 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037445.D
Acq: 13 Aug 2021 12:45

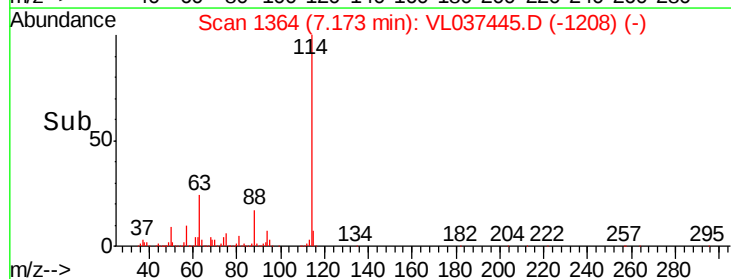
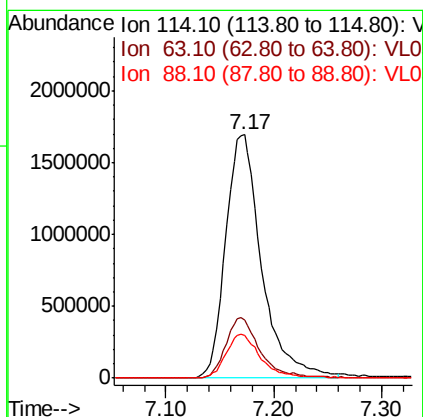
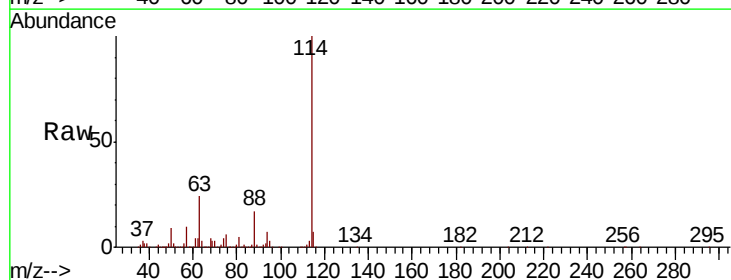
Instrument :
MSVOA_L
ClientSampleId :

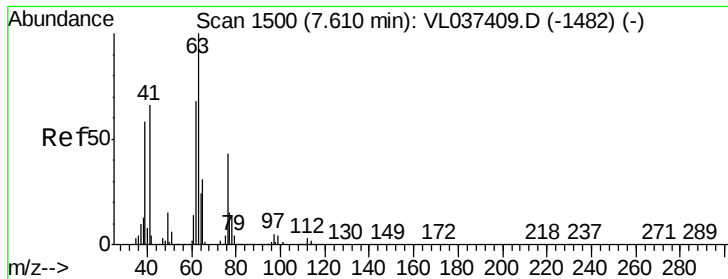
Tot Ion: 57 Resp: 17435
Ion Ratio Lower Upper
57 100
41 136.9 72.5 108.7#
43 96.6 169.3 253.9#
56 82.1 42.3 63.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.00 min
Lab File: VL037445.D
Acq: 13 Aug 2021 12:45

Tgt Ion:114 Resp: 3936149
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.2
88 17.9 14.2 21.4

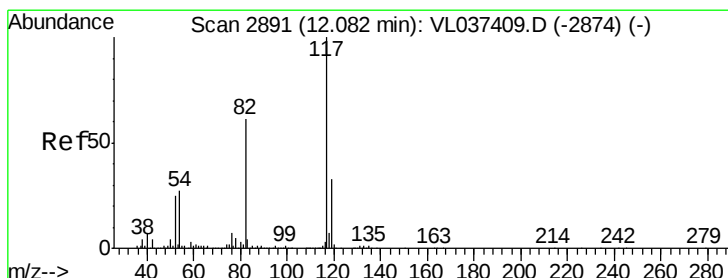
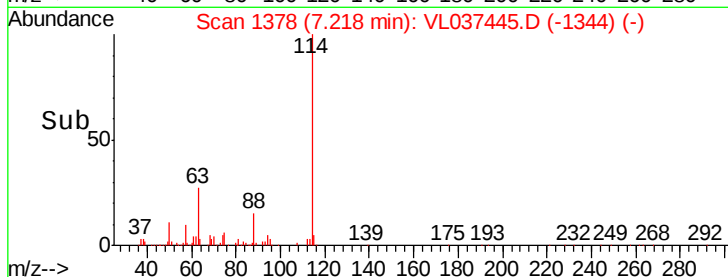
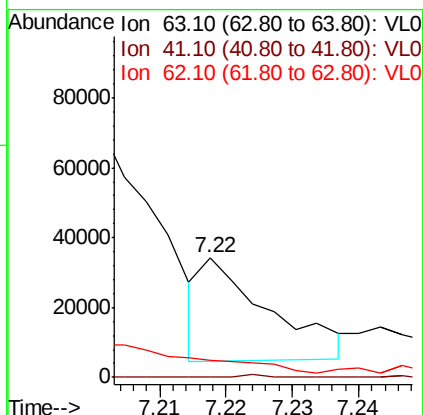
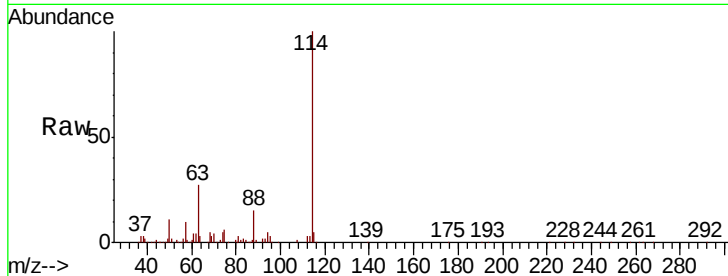




#39
 1,2-Dichloropropane
 Concen: 0.167 ppbv
 RT: 7.22 min Scan# 1378
 Delta R.T. -0.39 min
 Lab File: VL037445.D
 Acq: 13 Aug 2021 12:45

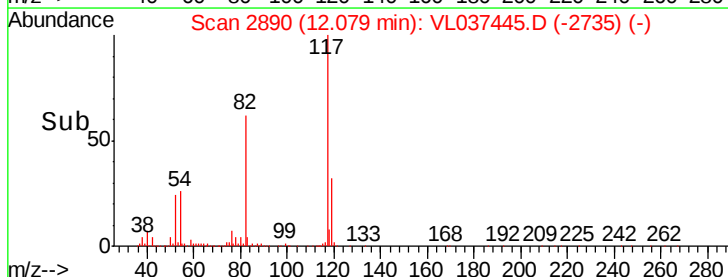
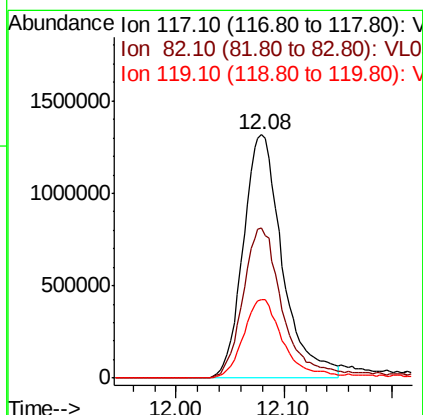
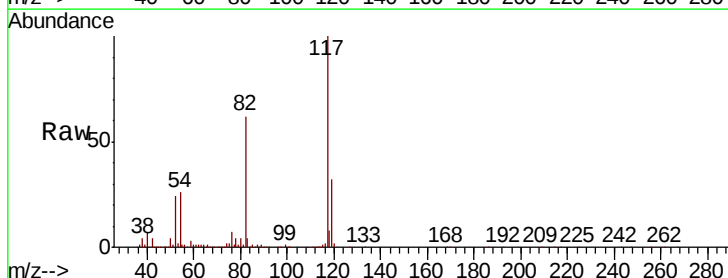
Instrument :
 MSVOA_L
 ClientSampled :

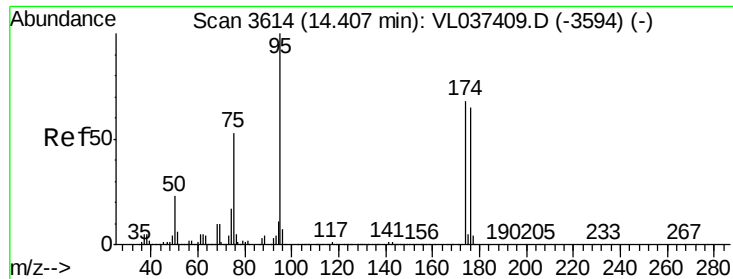
Tot Ion	Ratio	Lower	Upper
63	100		
41	1.2	53.0	79.6#
62	13.0	54.5	81.7#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VL037445.D
 Acq: 13 Aug 2021 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.8	53.1	79.7
119	35.2	28.0	42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.011 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL037445.D

Acq: 13 Aug 2021 12:45

Instrument :

MSVOA_L

ClientSampled :

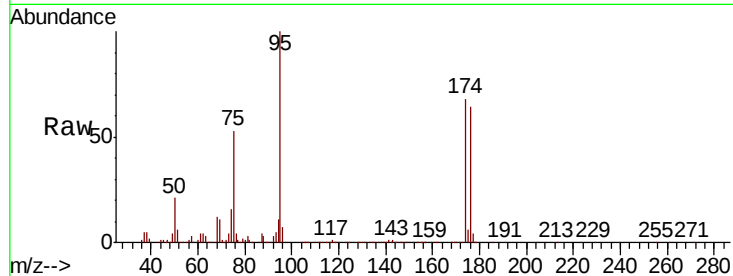
Tot Ion: 95 Resp: 2381806

Ion Ratio Lower Upper

95 100

174 76.9 59.6 89.4

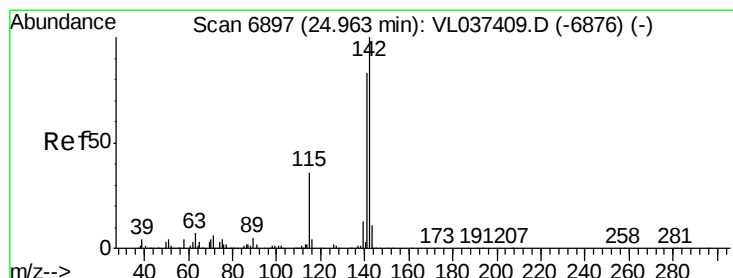
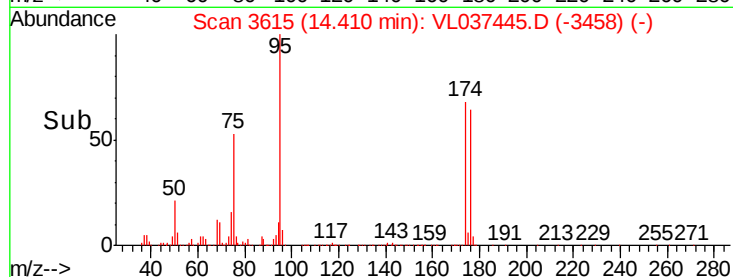
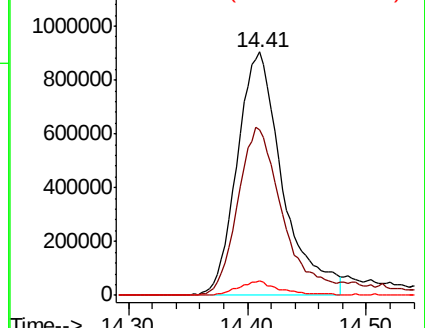
175 5.7 4.3 6.5



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



#80

Naphthalene, 2-methyl-

Concen: 0.147 ppbv

RT: 24.98 min Scan# 6902

Delta R.T. 0.02 min

Lab File: VL037445.D

Acq: 13 Aug 2021 12:45

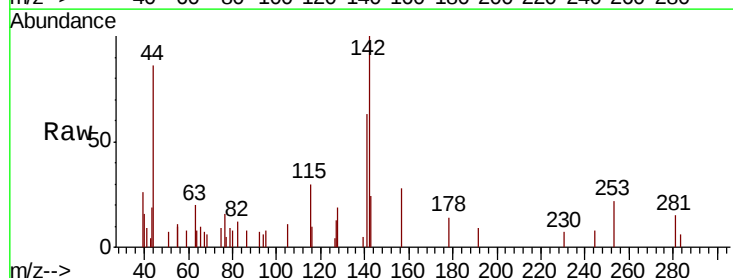
Tgt Ion: 142 Resp: 6984

Ion Ratio Lower Upper

142 100

141 0.0 68.7 103.1#

115 0.0 32.7 49.1#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

